TECHNICAL REPORT
MON GOLD PROPERTY, NORTHWEST TERRITORIES, CANADA

NTS: 85J/16

South Mackenzie Mining District, Northwest Territories, Canada

62° 54’ N and 114° 19’ W

PREPARED FOR:
Sixty North Gold Mining Ltd.

Effective Date:
August 3, 2023

Prepared by:
DRW Geological Consultants Ltd.

Author:
Dr. D.R. Webb, Ph.D., P.Geol., P.Eng.

Date and Signature Page

I, David R. Webb, P. Geol., P.Eng., HEREBY CERTIFY THAT:

1) I am a consulting geologist with a business address at 1909 108 W. Cordova St., Vancouver, B.C., V6B 0G5
2) I am a graduate of the University of Toronto, Toronto, Ontario with a B.A.Sc. (Engineering), Queen's University, Kingston, Ontario with an M.Sc. (Geological Sciences), and a Ph.D. from the University of Western Ontario, London, Ontario (Geological Sciences).
3) I am a registered Professional Geologist and Professional Engineer in good standing with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (L601).
4) I have worked as a geologist for a total of 42 years since graduation from university. I have work experience Canada, and elsewhere in Europe, Asia, Mexico, and USA. In particular I have experience working in Yellowknife, NWT for 42 years.
5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirement to be a "qualified person" for the purposes of NI 43-101.
6) I am responsible for the preparation of all sections of the technical report "TECHNICAL REPORT ON THE MON PROPERTY" and dated August 3, 2023 prepared for Sixty North Gold Mining Ltd. (the "Technical Report"). I visited the property over 15 times over the past 10 years most recently from June 24 to July 2, 2022 and again September 14 to September 25, 2022.
7) I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
8) I am not independent of the issuer and the vendor applying all of the tests in section 1.5 of National Instrument 43-101
9) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
10) I consent to the filing of the Technical Report with any stock exchange or other regulatory Authority and any publication by them, including electronic publication in the public company files on their websites accessible to the public.
11) I have read this the document entitled "TECHNICAL REPORT ON THE MON PROPERTY" and dated August 3, 2023.

Dated this 3rd Day of August, 2023

REGISTERED PROFESSIONAL GEOLOGIST D.R. WEBB LICENSEE NWT.

PERMIT TO PRACTICE DRW GEOLOGICAL CONSULTANTS LTD. Signature Date Aug 3 2023 PERMIT NUMBER: P 1463 NT/NU Association of Professional Engineers and Geoscientists

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA Dr. D. R. WEBB # 49744 GEOSCIENTIST

Signature of Qualified Person

Contents

List of Figures

List of Tables

Item 1: Summary

Sixty North Gold Mining Ltd. owns a 100% interest in the Mon Property in the Yellowknife Gold Belt, Northwest Territories Canada, subject to a 2% Net Smelter Returns Royalty. The property was acquired by Cominco in 1937 and had been held continuously by them until Webb acquired the property by way of an option agreement in 1988. The property is underlain by Archean rocks of the Yellowknife Supergroup and is intruded by Archean and Proterozoic felsic and mafic rocks. Kam, Banting and Burwash Group rocks are folded and crosscut by younger faults and shear zones.

Gold Mineralization on the Mon Property is hosted in shear zones of various sizes crosscutting rocks assigned to the Kam Group, and in more brittle fractures cross-cutting all Archean rocks. A precious metal-rich massive to semi-massive stratabound sulphide horizon has been identified on surface associated with intermediate to felsic volcanic rocks, capped by a limestone unit. It has been sampled, and a recent VTEM © Plus airborne survey defines geophysical EM and magnetic anomalies at the known showings and elsewhere along strike. A nickel cobalt (+gold +platinum +palladium) showing in an albitite unit has been identified on the property and bears some similarities to an iron oxide copper gold-type of system.

Development of the A-Zone has been the focus of most of the work on the property over the past 85 years including:

1. Surface trenching
2. a 19.51 m deep shaft adjacent to the surface showing and 47.5 m of lateral development.
3. Various diamond drilling campaigns from 1947.
4. A 61 m long ramp and a bulk sample of 2,085 tonnes from a 15 m tall stope (East Stope).
5. A 42.7 m long crosscut and extraction of 12,000 tonnes from a 15 m tall stope (West Stope).
6. Unreported development to and the extraction of 1,000 tonnes +/- from a stope beneath the north-end of the West Stope.
7. 132m of ramp development from the North Portal.

The history of reporting work on the property is suspect and sometimes contradictory, with evidence of under-reporting exploration, development, and production results from 1938 to 1997.

The permits to mine and mill on site were reacquired, and a 20-man camp plus all infrastructure needed to restart mining has been mobilized to the property together with the requisite fuel and explosives.

Item 2: Introduction

This report is prepared by management to keep all information and activities on the Mon Gold Property current. It supersedes a report by Dupre D.G. and Fitzpatrick, K. (2017) by incorporating subsequent work and more details on the history of the property to the appropriate sections to expand on knowledge of the past work history.

Abbreviations

amsl	above mean sea level	ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
%	percent	in	inches
<	less than	kg	kilograms
>	greater than	kg/m2	kilograms/square metre
°	degrees	kg/t	kilograms per tonne
°C	degrees Celsius	km	kilometre
µm	micrometer(micron)	km2	square kilometre
1 gram	0.3215 troy ounce	kt	thousand tonnes
1 oz/ton	28.22 grams/tonne	m	metre
1 troy ounce	31.104 grams	M	million
A	year (annum)	m2	square metre
cm	centimetre	Ma	million years ago
DDH	diamond drill hole	masl	metres above sea level
1 foot	30.48 cm	mm	millimetre(s)
DEM	digital elevation model	Mt	million tonnes
Fn, FMn	Formation	NA	not applicable/not available
g or gm	gram(s)	NI 43-101	Canadian National Instrument 43-101
g/t	grams per metric tonne	oz	troy ounce
GPS	global positioning system	P.Geol.	professional geologist
h	hour	ppb	parts per billion
ha	hectares	ppm	parts per million
QA	quality assurance	QP	qualified person
QC	quality control		

Item 3: Reliance on Other Experts

The regional geology is drawn from several government papers and is believed to be accurate. Analytical work is drawn from historic documents, generally with copies of reports from the relevant laboratories. These are accepted as accurate.

The author has confirmed the tenure information supplied in this report by conducting a search of tenure data on the Northwest Territories website (https://www.maps.geomatics.gov.nt.ca/Html5Viewer_PROD/index.html?viewer=NWT_MTV) This is believed to be accurate.

Geophysical surveys and reports prepared by Geotech 2019 are believed to be accurate and are presented in industry standard formats.

Item 4: Property Description and Location

Location

The Mon Gold Property is located approximately 45 kilometers north of Yellowknife near Discovery Lake (Figure 1). A winter road route from Yellowknife to the Mon Gold Property passes by the Bluefish Hydroelectric Plant at the 20 km mark. It extends another 20 km to Sito Lake, within three kilometers to the east of the Mon Mine. From here it extends onto the Mon Property, or historically continues north to the Clan Lake Gold Property, the Goodwin Lake Gold Property, the Viking Yellowknife Gold Mines Property, and the Ormsby-Discovery Mine Property. An abandoned power line right of way lies approximately two kilometers east of the property. Access to the property from Yellowknife is by helicopter or float/ski-equipped fixed wing aircraft to Discovery Lake. All of the necessary infrastructure to support exploration or development of a mine site is available in Yellowknife.

Sixty North owns 100% of all the mineral tenures and is in the process of transferring the Land Use Permit and Water License from the Mackenzie Valley Land and Water Board ("MVLWB") Land Use Permit MV2020C0003 and Water License MV2020L2-0002. These licenses grant the legal right to conduct exploration (both surface and underground), mine, mill and to use water and discharge waste.

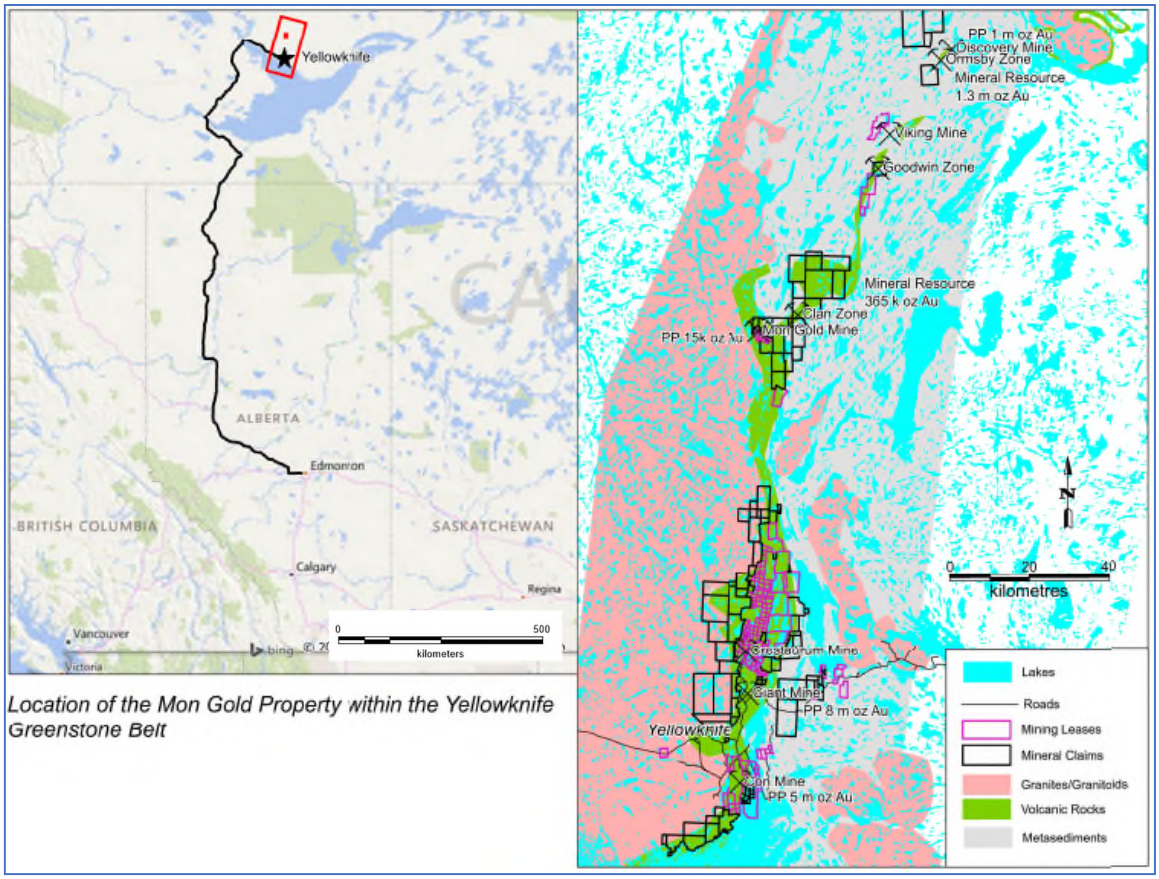
The Mon Gold Property was mined and ore processed during the 1990's (Silke, 2009) and had been reclaimed and accepted for abandonment. The underground mine workings had been fenced and/or sealed. A reclaimed, lined and capped tailings pond had been filed for abandonment.

In 2020 Sixty North constructed a winter road and moved all necessary mining and support equipment plus consumables onto the property. This was preceded by depositing $427,540.46 with the MVLWB as security to reclaim the site (MVLWB letter March 1, 2022). Reclamation is guided by the Interim Reclamation Plan filed with the MVLWB. This is to be superseded by the Final Reclamation Plan.

There are no designated parks, or special management zones within the Property, other than a land withdrawal order dated effective April 1, 2014 for a limited area within one mile of the shoreline of Graham Lake and within one mile of the shoreline of Greentree Lake and Upper Carp Lake, and the streams and water joining these lakes, wherein a licensee for water power development does not have to give notice of or provide compensation to the holder of mineral claims granted on or after April 1, 2014 for any alleged loss or damage caused by the water power development. Apart from seasonal use by hunters, the area has little recreational appeal.

The MVLWB land use and water Licenses grant access to the property and the right to carry out all of the required exploration and mining activities.

The surface rights on the Mon Gold Property are held by the Crown with the exception of the mine area which is held by Sixty North by a 30 year Surface Lease 085J16035 issued November 1, 2021.



Location of the Mon Gold Property within the Yellowknife Greenstone Belt

Figure 1. Location of Mon Gold Property

Mineral Titles

A title opinion dated June 1 2023 was prepared by the legal firm of Harper Grey LLP. pertaining to the Mon Gold Property states that Sixty North Gold Mining Ltd. is the holder of a 100% interest in all of claims and leases subject to a 2% NSR.

NDM conducted three years of community consultations and environmental in preparation for filing for Land Use Permits and Water Licenses to restart the mine at 100 tpd. The process resulted in New Discovery Mines Ltd. obtaining Land Use Permit MV2020C0003 and Water License MV2020L2-0002 to permit all listed exploration and development work including the installation of camp and related infrastructure, mine shops and related mine infrastructure to allow for diamond drilling and underground development and mining. In addition, these permit NDM to install and operate a 100 tpd gravity plus flotation mill, related infrastructure, roads

and tailings containment facility. All permits and licenses were renewed in 2020.

The Mon could provide additional employment and business opportunities to the residents of the NWT and to the affected First Nations business organizations and their people within whose territory the Mon is located. This will give them the opportunity to participate in the mineral sector while providing a high standard of living for them and their families. Typically, a Social Responsibility Statement is prepared to provide the foundation for working with the affected First Nations and all stakeholders in a socially responsible manner.

Risks related to the Mon Gold Property could be related to the following:

- NDM must recognize the involvement of the First Nations groups within whose territory the Mon is located and must accommodate their participation in the Project by not only employment opportunities but also by meaningful business opportunities.
- NDM has reached an agreement with the affected First Nations. This is seen to be critical to the success of the Mon as failure to reach such an agreement in a timely manner would have been a risk to the Mon meeting its goals.

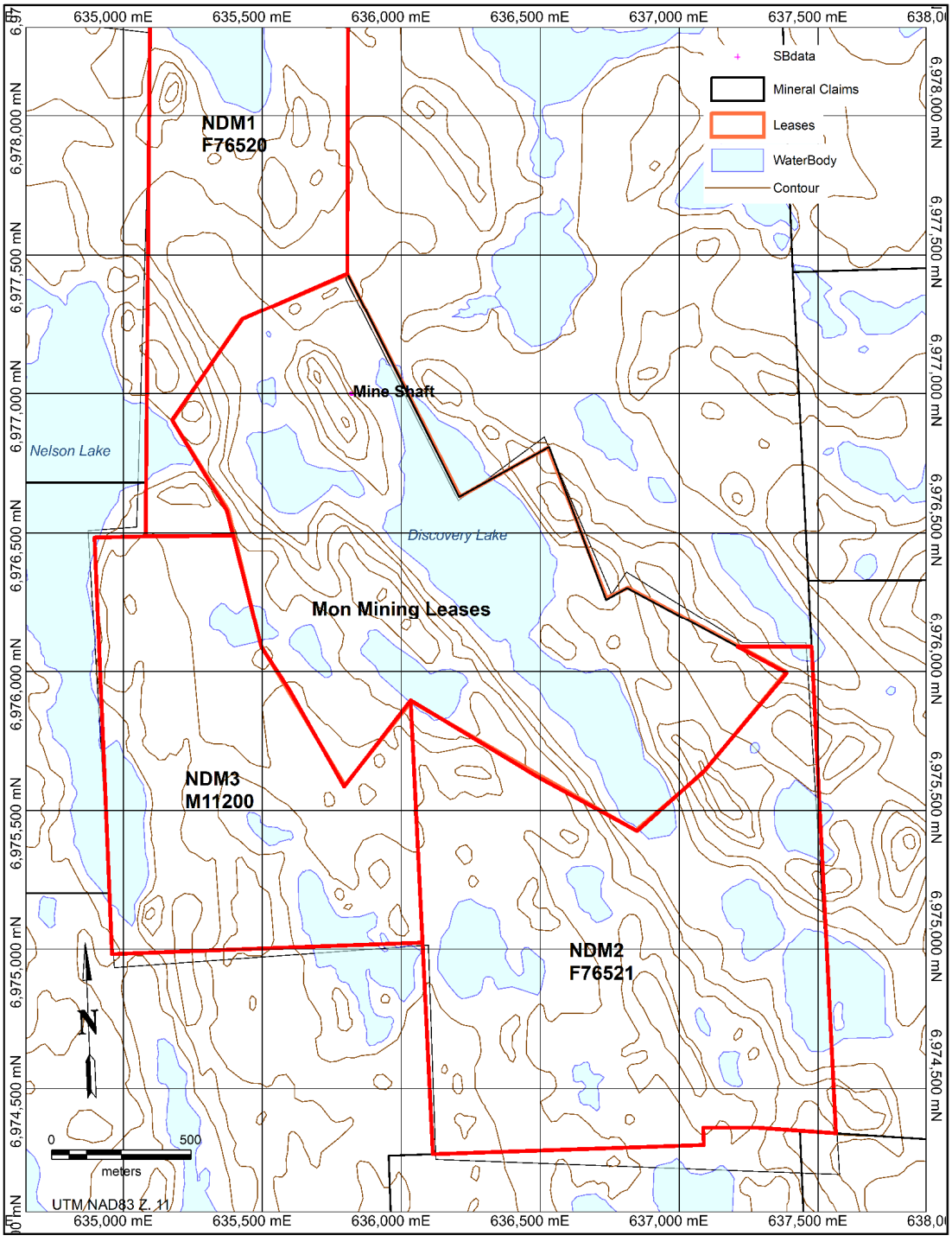
Table 1. Tenure Information

MON GOLD PROPERTY – TENURE TABLE LEASE INFORMATION				
LEASE NUMBER	**OWNERS**	**ISSUE DATE**	**EXPIRY DATE**	**AREA (hectares)**
NT-3004	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	14.92
NT-3005	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	18.07
NT-3006	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	22.78
NT-3007	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	20.12
NT-3008	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	19.24
NT-3009	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	16.75
NT-3010	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	23.73
NT-3011	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	17.32
NT-3012	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	23.7
NT-3013	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	17.75
NT-3014	Sixty North Gold Mining Ltd. (100%)	12/11/1959	12/10/2043	7.2
CLAIM INFORMATION				
CLAIM NUMBER	OWNERS	ISSUE DATE	ANNIVERSARY DATE	AREA (hectares)
M11200	Sixty North Gold Mining Ltd. (100%)	1/24/2018	1/24/2028	127.75
F76520	Sixty North Gold Mining Ltd. (100%)	3/19/2013	3/19/2023*	104.51
F76521	Sixty North Gold Mining Ltd. (100%)	3/19/2013	3/19/2023*	188.12

* Claims have been surveyed and an application to take to lease has been submitted in 2022.

NDM is grandfathered in that they operated the Mon Gold Property under leases signed with Her Majesty the Queen in right of Canada, with a lease payment of $2.00 per acre, or $996.28 per year, and must continue to make this payment to keep the leases in good standing. The NDM1 and NDM2 have been surveyed to lease and those documents are pending.

Figure 2. Map of the Mon Gold Property Tenures



Royalties, Agreements and Encumbrances

The Mon Gold Property is located on public lands in the NWT, Canada. Mining Leases were obtained by converting pre-existing Mineral Claims. An annual lease fee is payable to the Northwest Territories, and in each instance, the fees are up to date and mineral rights are in good standing.

Sixty North holds a 100% interest in the Mon Gold Property, subject to a 2.0% NSR payable to Giauque Holdings Ltd. An advanced NSR payment of US$20,000 commenced in January, 2017 (which was paid by Sixty North Gold Mining Ltd. in 2022), and will be payable within 30 days of each subsequent year end. Up to twenty percent (20%) of any advanced royalty payments may be deducted from the first year's NSR royalty payment after commercial production. Thereafter, the balance of the advanced royalty payments may be further deducted from future NSR payments, until fully recovered by Sixty North Gold Mining Ltd.

Item 5: Accessibility, Climate, Local Resources, Infrastructure and Physiography

Physiography

Photo 1. Mon Gold Property - Typical Physiography

The physiography is typical of the Canadian Shield - of the northern boreal forest. Elongate rounded rocky hills and ridges with abundant outcrop exposures are separated by numerous lakes, ponds, rivers, creeks and swamps. Cliffs and steep bluffs up to a few tens of meters in height commonly occur along the side or end of these hills. Strong linear features often several kilometers long defined by depressions between ridges are common. Topographic relief ranges up to 90 m to broad flat hills over 350 meters (m) above mean sea level (amsl). Overburden is typically a thin sandy layer of till. Small sandy eskers occur locally. The upland areas are generally moss and lichen-covered rounded rock outcrops with scattered to dense pine, birch, tamarack, and spruce trees. The many low-lying areas are covered with a combination of water and muskeg swamp with local spruce trees and deciduous underbrush. Drainages are generally slow moving due to the lack of relief.

Access to the Property

Personnel, food and materials are provided through the combination of float or ski – equipped aircraft and helicopter from the City of Yellowknife, about one-half hour flying time south. A winter road provides access for fuel and other heavy or bulky materials from Yellowknife via the Bluefish Hydro-Electric Dam, 20 km south of the property.

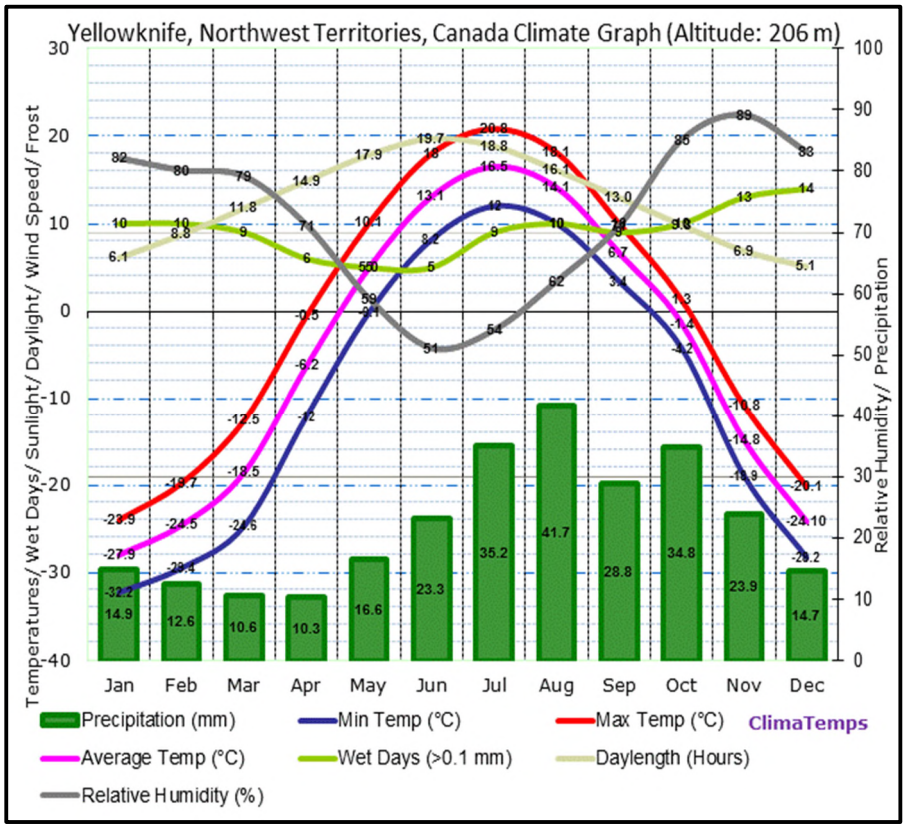
Photo 2. Sixty North's winter road, 2021.

Climate and Length of Operating Season

The climate of the region is typical sub-arctic with precipitation chiefly in the form of snow. Cold winters with moderate snowfalls and short warm summers with modest amounts of rain characterize the region. Lakes are frozen from October until June. Daily average temperatures range over the year from approximately +30ºC to -50ºC.

The exploration operating season is all-year except break-up and freeze-up. Any work over lakes must be done off the ice in winter. Geological mapping and prospecting on the surface can only be done during the summer months.

Figure 3. Weather Chart for Yellowknife



Item 6: History

Gold was first discovered in the Yellowknife area in the late 1890's when crews stopped to prospect here, enroute to the Yukon and the Klondike gold rush. In an early Geological Survey of Canada volume (Vol/XI, Part R, page 33), reference is made to a sample collected by E. A. Blakeney in 1896, which assayed 2.158 ounces of gold per ton. But it was not until the development of the bush plane and the onset of the depression that exploration of the area truly began.

In 1928 and 1929, a few claims were staked around Yellowknife Bay and some trenching was carried out on mineral showings. C.H. Stockwell studied the Great Slave Lake-Coppermine River area from 1929 to 1932. He reported that the large area of sedimentary and volcanic rocks was similar to those of other areas of the Canadian Shield such as near Timmins, in which valuable ores had been found (GSC Summary Report 1932C, pp. 37-63).

In September 1934, C.J."Johnny" Baker and Hughie Muir staked the Rich group of claims on the east side of Yellowknife Bay for Yellowknife Gold Mines Ltd., following their discovery of a high-grade quartz vein in the turbidites. This discovery

aroused interest in the mining possibilities of the area and initiated exploration and development. Burwash Yellowknife Mines Limited, under the direction of Major Burwash, was formed to take over the Rich property and 16 tons of ore were shipped to Trail BC for smelting.

By 1935 several prospecting parties were in the field and the Geological Survey of Canada began a geological mapping program under the supervision of A.W. Jolliffe. The favorable geology of the west side of the bay was recognized by the Survey and was brought to the attention of prospectors in the area. Visible gold was found in September of 1935. This spurred a staking rush and subsequent discovery and development of showings in what would prove to be one of the major gold-bearing belts in Canada. Vic Stevens, Don MacLaren and Ed McLellan staked the A.Y.E. Claims, which became part of the Con mine (a contraction of the company's name at the time, Consolidated Mining and Smelting Ltd.), while Johnny Baker and Hugh Muir staked the Giant Claims (Jolliffe, 1987; Lord, 1951).

Cominco

Gold was first identified on the Mon Property by Cominco where a high-grade quartz vein was discovered in 1937 by prospectors working for Cominco during an aerial reconnaissance flight north of Yellowknife. Initial sampling determined that a number of gold-bearing quartz veins occurred on the property, most notably the A-Zone.

The A-Zone was exposed in trenches blasted into the east-side of a north-northwest striking ridge, yielding the results shown on Table 2.

Table 2. Trench results from Cominco Ltd., 1937

Trench	distance from Fold Nose (metres)	sample width (metres)	Au Grade (gpt)
1	Fold Nose	3.43	121.14
1-2	5.0	3.65	56.42
2	9.8	1.52	71.93
2-5	23.8	2.13	7.42
5	37.2	3.20	6.66
7	46.3	0.61	18.00
8	60.0	0.46	24.00
10	93.5	0.15	85.75

In 1937 Cominco sunk a 19.51 m deep shaft adjacent to the surface showing and in 1938 they completed 47.5 m of lateral development, failing to encounter the interpreted down dip extension of the surface showings (Cominco Progress Report, July 1938). These results are reviewed in work completed in 1992 (see below).

In 1947 Cominco recognized the similarity to the Discovery Mine and completed three short drillholes totaling 58 metres to trace the A-Zone to depth, and encountered the results shown on Table 3

Table 3. Results from Cominco Ltd. drill program, 1947.

Drillhole	Intersection (metres)	Au Grade (gpt)
M1	0.61	35.66
M2	0.52	62.40
M3	2.01	94.97

These results led Cominco to estimate the A-Zone to be:

Table 4. Cominco estimate of A-Zone size.

Depth	Length (metres)	Ave. Width (metres)	Au Grade (gpt)
A Zone Surface	15.24	1.55	121.71
A Zone North Surface	27.43	0.70	14.40
A Zone (-9.14 m)	30.48	1.13	63.77

This is a historic estimate, is presented for reference, and cannot be relied upon.

In 1950 Cominco completed 364 metres of diamond drilling to test lineament east of the A-Zone without intersecting any significant gold mineralization. In 1961 a detailed magnetometer survey failed to trace the contact between the greywacke and gabbro where the A-Zone was determined to be situated. It was later determined that the mapped gabbro may not be a gabbro sensu stricto.

A third drill campaign in the 1963 (493.5 meters in ten diamond drillholes) failed to expand the A-Zone. Cominco considered there to be reasonable potential that the A-Zone be similar to the Discovery Mine, where a folded quartz vein (system) was of a similar size and grade.

Table 5. Results from Cominco Ltd. drill program, 1963

Drillhole	Intersection (metres)	Au Grade (gpt)
M101	0.94	16.52
M102	0.67	6.17
M105	1.80	8.16
M108	0.61	2.67
M109	0.55	1.37

In 1965 Cominco determined that there was limited potential to expand the A-Zone, and agreed to allow Jack Stevens, a local prospector who had bought an existing prospector's royalty on the property to mine the A-Zone. Between 1965 and 1975 Jack extracted approximately 200 tonnes of high-grade material which he crushed, ground, and processed on site. No grades or recovery are reported.

In addition to work on the A-Zone, Cominco did property-wide mapping and sampling,

discovering the B, C, D, E, F, G, H, I, J, K, L, M, N, O, Q, R, S, T, U, V, W, X, and Y Zones across the property, all with quartz and/or sulphide enrichments and gold values over generally narrow widths.

Troymin and Coronado

In 1986 the claims were optioned to Troymin Resources Ltd. and 11 holes were drilled into the A-Zone in January, 1987 totaling 489 meters with mixed results shown on Table 6

Table 6. Diamond Drill holes reported by Troymin and Coronado, 1987.

Drilled by Troymin						
DDH	Easting	Northing	Elevation	Azimuth	Inclination	T. depth
87-1	635790.2	6976979.3	250.8	98	-68	41.8
87-2	635790.5	6976979.3	250.8	98	-65	35.7
87-3	635791.1	6976979.9	250.8	98	-60	33.2
87-4	635784.1	6976940.7	259.3	16	-45	38.7
87-5	635784.1	6976940.7	259.3	16	-50	37.2
87-6	635784.1	6976940.7	259.3	16	-57	56.7
87-7	635784.1	6976940.7	259.3	12	-50	45.8
87-8	635784.1	6976939.7	259.3	22	-50	45.7
87-9	635784.1	6976939.7	259.3	57	-80	41.1
87-10	635790.5	6976934.8	259.3	57	-60	60.2
87-11	635785.6	6976940.3	259.3	57	-54	48.8
Drilled by Coronado						
DDH	Easting	Northing	Elevation	Azimuth	Inclination	T. depth
87-12	635825.9	6977028.1	224.9	233	-20	57.0
87-13	635829.1	6977026.8	226.1	233	-45	78.3
87-14	635829.4	6976967.4	226.1	260	-20	60.0
87-15	635828.8	6977027.5	226.1	260	-44	78.3
87-16	635828.8	6977027.5	226.1	260	-60	47.9
87-17	635816.4	6977056.1	226.4	240	-45	87.5
87-18	635814.0	6977054.9	226.4	240	-20	62.2
87-19	635815.8	6977053.7	226.4	278	-45	81.4
87-20	635857.9	6976972.0	233.0	240	-45	84.4
87-21	635859.1	6976972.6	233.0	240	-60	63.1
87-22	635857.3	6976974.4	231.0	273	-45	93.0
87-23	635786.9	6977130.8	227.0	222	-45	84.4

Assays for these drill holes are presented below.

Table 7. All Troymin and Coronado diamond drill holes on A-Zone.

DDH	From__m_	To__m_	Assay_Gold__gpt
87-1	20.7	21.6	4.50
87-1	21.6	22.6	9.20

87-2	2.4	2.7	2.93
87-3	31.1	31.4	0.92
87-4	14.0	14.3	1.26
87-4	14.3	14.6	12.00
87-4	14.6	14.9	3.14
87-4	14.9	15.2	1.66
87-5	15.2	15.5	1.72
87-6	30.5	31.4	0.40
87-7	22.4	22.7	0.34
87-7	22.7	23.0	0.63
87-7	23.0	23.3	0.55
87-8	15.2	15.5	0.37
87-8	15.5	15.8	3.76
87-8	17.7	18.0	1.64
87-8	36.6	36.9	0.24
87-8	41.1	41.5	0.53
87-11	44.2	44.8	8.76
87-11	44.8	45.4	114.00
87-11	45.4	45.7	0.17
87-11	45.7	46.0	3.43
87-12	19.2	19.4	6.62
87-13	23.2	24.1	0.07
87-13	24.1	25.5	2.16
87-15	57.0	57.3	16.00
87-19	36.9	37.5	1.10
87-20	43.3	44.8	19.82
87-22	64.0	64.6	0.84

All other drill holes intersected insignificant mineralization.

Coronado Resources Inc farmed in on that option in 1987, and completed additional mapping, sampling, and later 886 meters of diamond drilling in 12 holes, all of which confirmed Cominco's work. Additional intercepts of mineralization could not be correlated to the known extent of the A-Zone and the option was dropped.

Webb acquired an interest to earn a 100% interest in the property by investing $1 million over a four-year period. On earn in, Cominco retained the right to back in to a 60% interest in the property by doubling Webb's expenditures. Webb allowed Can Mac Exploration Ltd. to earn a 100% of his interest subject to a 2.5% NSR by investing $1 million over a four-year period. On vesting, Cominco waived their right to back in and have no interest in the property. Webb purchased the residual royalties owned by the Estate of Tom Payne and the estate of Jack Stevens.

Can Mac Exploration Ltd.

Can Mac completed two diamond drill programs in 1989, completing 13 drill holes from surface in the spring. An additional six drill holes were completed from a planned eight drill holes from underground.

Drilling by Webb/Can Mac in 1989 included the following drill holes.

Table 8. Diamond drilling by Can Mac Explorations.

DDH	Easting	Northing	Elevation	Azimuth	Inclination	T. depth
89-1	635819.8	6977000.6	234.0	255	-30	47.2
89-2	635820.1	6976999.7	234.0	240	-30	49.4
89-3	635821.9	6976995.8	233.7	210	-30	61.9
89-4	635822.2	6976996.1	233.4	210	-45	75.0
89-5	636379.5	6976107.0	183.0	060	-45	90.5
89-6	636379.5	6976107.0	183.0	090	-60	48.5
89-7	635841.4	6976991.5	230.0	237	-30	47.2
89-8	635841.1	6976991.8	230.0	237	-45	63.1
89-9	635855.4	6976975.3	231.0	240	-50	75.3
89-10	635859.1	6976972.6	231.0	235	-52	63.1
89-11	Na	Na	183.0	230	-45	127.0
89-12	Na	Na	183.0	060	-45	123.4
89-13	Na	Na	183.0	230	-45	132.9
Underground from South Ramp						
DDH	**Easting**	**Northing**	**Elevation**	**Azimuth**	**Inclination**	**T. depth**
89-14	635834.1	6976977.5	213.6	228	-59	12.2
89-15	635834.1	6976977.5	213.6	270	-59	18.0
89-16	635834.1	6976977.5	213.6	270	-87	24.4
89-17	635838.1	6976969.8	218.8	270	10	29.9
89-18	635838.1	6976969.8	218.8	270	-46	25.6
89-21	635840.5	6976964.4	220.6	270	21	36.3
89-22	635840.5	6976964.4	220.6	270	11	33.5
89-23	635840.5	6976964.4	220.6	270	-42	28.7
89-24	635845.4	6976953.1	224.6	270	-73	46.9

Results from this drilling identified the high-grade shoot in the A-Zone at its south-end.

Table 9. Diamond drill holes defining East Limb A-Zone

DDH	From__m_	To__m_	Assay_Gold__gpt
89-3	3.7	4.1	6.24
89-3	4.1	4.6	21.08
89-3	4.6	4.9	3.50
89-3	8.1	9.5	0.58
89-3	9.5	10.2	18.31
89-3	10.2	11.0	0.14
89-3	11.0	11.9	1.06
89-3	11.9	12.7	0.21
89-3	12.7	14.0	40.69

89-3	14.0	14.3	0.14
89-4	4.6	4.9	0.65
89-4	4.9	5.5	83.17
89-4	5.5	6.1	1.82
89-7	16.8	17.8	11.14
89-7	17.8	19.1	1.54
89-7	19.1	19.5	321.15
89-7	19.5	19.8	2.88
89-7	27.4	28.3	0.10
89-9	43.2	44.7	1.95
89-9	44.7	45.3	1.95
89-9	45.3	46.2	0.51
89-14	7.0	7.3	0.69
89-14	7.3	9.0	25.37
89-14	9.0	9.7	0.10
89-15	6.9	7.5	0.03
89-15	7.5	9.0	7.10
89-15	9.0	9.4	0.34
89-16	14.9	16.1	0.31
89-16	16.1	17.5	1.06
89-16	17.5	17.9	2.23
89-18	12.8	13.4	2.54
89-18	13.4	14.8	2.64
89-23	16.1	16.5	0.24
89-23	16.5	17.1	39.87
89-23	17.1	17.6	1.85
89-23	27.7	28.7	0.03

No other drill holes intersected significant mineralization.

Underground Development

Can Mac/Webb collared the South Adit at back elevation 233.5 to drive the South Ramp west into the hillside before turning and declining -15% to the north. A 2.5 x 3 m ramp was driven 61 m to a depth 12.0 m below collar elevation (back elevation 221.5m). Two crosscuts, 13.4 and 4.0 m respectively were driven into the vein to provide access. A 24.4 m long 2.4 x 2.4m subdrift was developed on the vein. A 24 m long 2 x 2 m raise was driven to surface in the vein, timbered to provide access, and a series of 2.1m high by 1.5 m wide lifts were blasted to extract the vein. This program cost $595,000 and was completed in November 1989.

A total of 2,085 tonnes were extracted at a diluted grade of 25.57 gpt uncut, or cutting all assays > 68.6 gpt to 68.6 gpt at a grade of 11.14 gpt (McDougall and Goad, 1989). Dilution during this mining, was estimated by McDougall and Goad, (1989) to be 235%.

Additional work across the Mon Mining Leases tested the V-Zone where two composite chip samples across the vein separated by 5 m returned 35.9 gpt across 0.91 m and 3.9 gpt

across 0.91 m. The M Zone was also grab sampled, returning 1.27 gpt gold.

The bulk sample was trucked across winter roads to the Ptarmigan Mill on the Ingraham Trail, east of Yellowknife where it sat for 4 months prior to being processed. A total of 2,085 dry tonnes was processed and a recovered grade of 5.66 gpt gold was obtained. The discrepancy was not investigated. In the mid 1990's a mill employee at the Ptarmigan Mine alleged that ore had been removed from the stockpile and replaced with waste rock. Can Mac allowed the property option to lapse.

Ger-Mac Contracting Ltd.

Webb allowed Can Mac to continue with a new earn in agreement, in partnership with Gerry Hess as Mine Manager and owner with Albert Eggenberger operating as Ger-Mac Contracting Ltd. In 1990 the Central Portal was collared to the west into the hillside 72 m north northwest of the South Portal. It was driven at +0.5 degrees at azimuth 260^{o} for 42.7 m. A quartz vein with abundant visible gold was encountered 10.5 m into the hill, and was followed by minimum-width subdrift 2 m to the south where it entered the Cominco shaft. Assays reported by G. Hess averaged 109.7 gpt (pers com, 2016). The vein was also followed to the north for 12 m, always with abundant visible gold. There was insufficient back to develop a stope.

At 42.7 m along the crosscut into the hill, the West Limb of the A-Zone was exposed, and drifted on for 40m to the north and 34 m to the south where the vein started to swing to the east, all but joining the quartz vein mined from the South Ramp. The West Limb was extracted by shrink mining to within 3 m of surface, with two raises. No samples are reported.

The North Ramp was collared and driven for 147m and a small stope was developed below the north-end of the West Stope 130 m down ramp. No records are found from this development.

In its final year of mining, the crown pillar was partially mined, and again no assays are reported.

As reported by Silke, R. (2009), all ores mined under Ger-Mac operations were milled on site, commencing in 1992. Feed was crushed in a combination of jaws and roller mills and fed into a 6' x 6' ball mill. Gold was recovered with a set of duplex jigs and after sizing in a hydrocyclone, a 12" Knelson Concentrator. Tailings were discharged first into the South Ramp, then into a 170 m long 45 m wide lined tailings pond, and finally a small amount was discharged into the West Limb Stope.

Gold concentrates were tabled to produce a product that graded between 8 and 10% gold, suitable for melting and pouring as dore (Silke, 2009). Measured recoveries exceeded 85%.

Eggenberger purchased the operations in 1993 and continued the lease on the Mone Mining Leases. He reported 87% gold recoveries with all concentrates processed in

Yellowknife (Silke, 2009). Eggenberger reported:

Table 10. Production from A-Zone, reported by Ger-Mac.

Year	Tonnes	Gold kg	Grade gpt
1992	1,880	6.20	3.30
1993	2,642	43.00	16.28
1994	1,450	20.00	13.80
1995	422	6.20	14.70
1996	2,034	17.50	8.60
1997	1,640	8.00	4.88
Total	**10,067**	**100.90**	**10.02**

Mon Mine gold production, 1992-1997. (source: Mackenzie Valley Land & Water Board - Water License N1L2-1598).

In 2012 in an effort to reconcile production grades Webb collected 24 samples from the tailings pond using a mechanical auger at 10 m intervals on two parallel lines at az. 338^{o} separated by 8 m for the length of the tailings pond.

Photo 3. Auger sampling the Ger-Mac tailings pond in 2012.

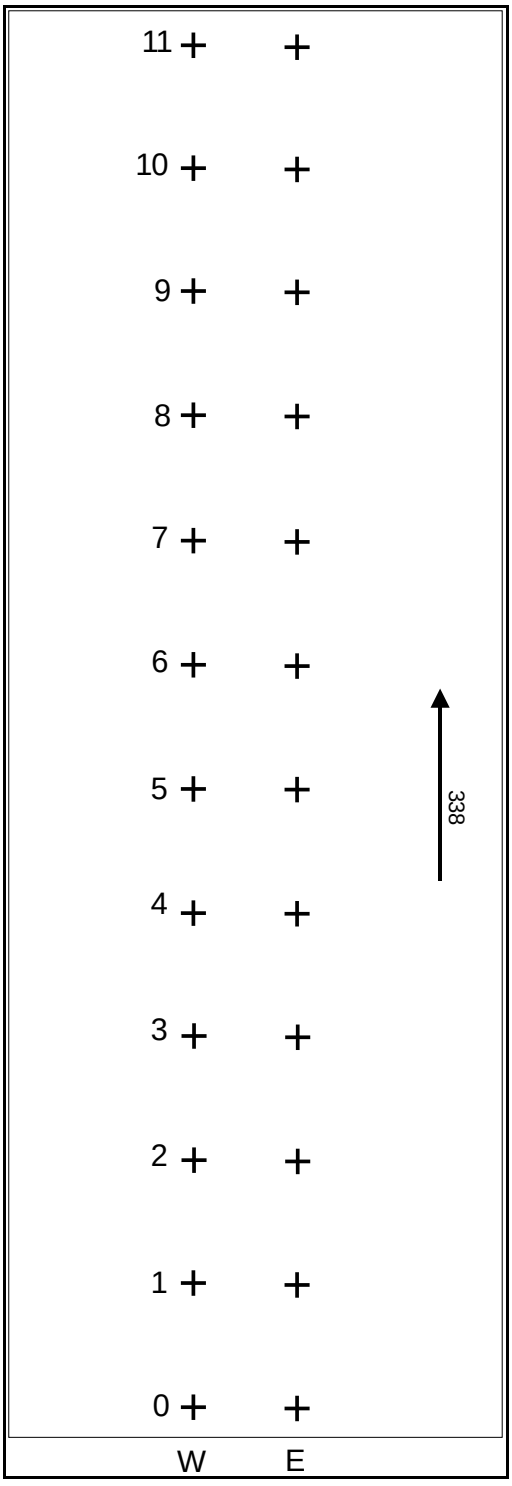


Figure 4. Location of the two lines of samples collected from the Ger-Mac tailings pond (Webb 2012).

Samples were delivered to Bureau Veritas Laboratories in Vancouver.

Table 11. Results from systematic auger sampling of Ger-Mac tailings.

Stn	Thick (m)	Gold (gpt)	Gold ICP (gpt)
0E	1.32	3.31	2.72
0W	0.66	2.25	3.50
1E	0.66	1.73	2.87
1W	1.32	3.96	4.13
2E	1.32	3.28	2.72
2W	1.32	4.07	3.56
3E	1.32	3.43	3.28
3W	1.32	2.47	1.90
4E	1.32	4.51	3.58
4W	1.32	4.15	3.07
5E	0.86	2.87	3.66
5W	0.99	3.19	3.31
6E	0.86	2.91	4.30
6W	0.86	4.29	5.87
7E	1.32	5.70	4.91
7W	0.83	5.19	7.88
8E	0.66	2.33	4.88
8W	0.66	1.67	2.49
9E	1.32	4.92	5.16
9W	0.83	2.15	2.87
10E	1.32	5.48	5.01
10W	1.32	6.44	6.30
11E	1.32	4.24	3.78
11W	0.66	2.28	4.07
Sum	**25.67**	**86.82**	**95.82**
Mean	**1.07**	**3.62**	**3.99**
LW		**3.38**	**3.73**

The 24 station depths vary from 0.66 m to 1.32 m and have average grades of 3.62 gpt using FA330 techniques and 3.99 gpt using AQ200 techniques. The certificate is appended to this report.

Tailings grading 3.99 gpt gold representing 13% of the head grade (87% recovery) reconciles to a 30.7 gpt head grade. The discrepancy between the reported production grades and recoveries and the tailings grades cannot be reconciled.

The crown pillar was sampled independently by Sixty North in 2017 (Malahoff) who collected 10 mechanically cut trenches across the width of the vein on surface. A total of 20 samples were sent to Bureau Veritas Laboratories in Vancouver together with standards and blanks for FA550 and AQ251. Using the FA550 results the vein has been sampled in

10 trenches over a 45m strike length and averages 1.1m in width grading 116.34 gpt gold.

Table 12. Mechanized chip samples, A-Zone crown pillar, Malahoff (2017)

Trench	Width (m)	Gold Grade (gpt)
17-1	0.8	9.47
17-2	1.8	313.43
17-3	1.0	11.78
17-4	0.4	1.80
17-5	0.5	8.40
17-6	1.6	124.53
17-7	0.9	6.59
17-8	0.9	143.90
17-9	1.7	192.62
17-10	1.9	44.81
Sum	**11.5**	**857.3**
Mean	**1.1**	**85.73**
LW		**116.34**

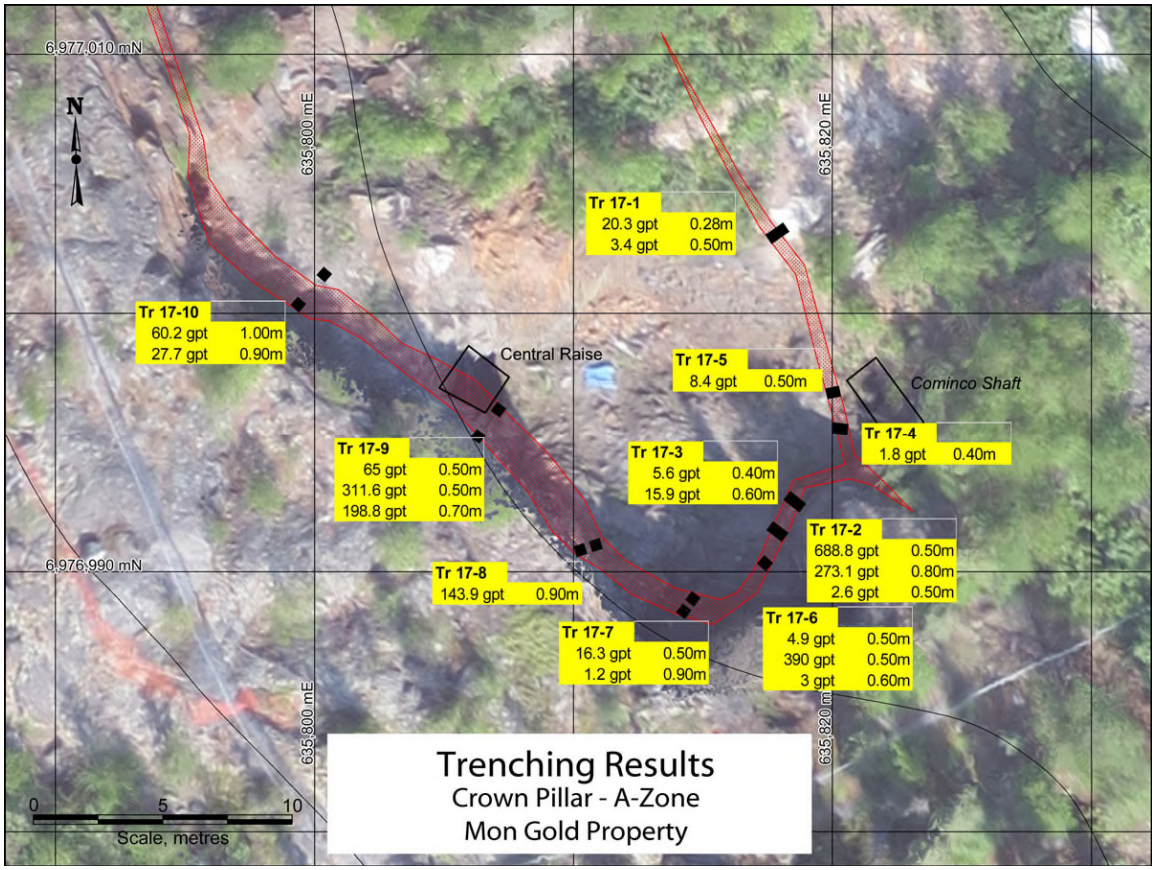


Figure 5. Plan map of Malahoff (2017) mechanized trenching of the Crown Pillar.

Item 7: Geological Setting and Mineralization

7.1 Regional Geology

7.1.1 Slave Craton Geology

From Dupre and Associates (2017).

The Archean Slave craton is a preserved fragment of a once larger continental land mass (Bleeker, 2003) comprising Mesoarchean gneissic basement covered by a Neoarchean supracrustal assemblage (the 2800–2600 Ma Yellowknife Supergroup; Fig. 4; Bleeker, 2002). Deposition of the supra-crustal assemblage was protracted and occurred during several chronologically and tectonically distinct phases, including ca. 2730 to 2700 Ma rifting and mafic volcanism (greenstone belt formation; Isachsen et al., 1991; Isachsen and Bowring, 1997; Cousens, 2000; Bleeker, 2002; Cousens et al., 2006a; Bleeker and Hall, 2007), ca. 2690 and 2670 bimodal arc volcanism (Isachsen et al., 1991; van Breemen et al., 1992; Pehrsson and Villeneuve, 1999; Cousens et al., 2006a; Bleeker and Hall, 2007), ca. 2660 Ma arc-rifting and turbidite deposition (Ferguson et al., 2005), and ca. 2630 Ma arc-plutonism-volcanism and turbidite deposition in a back-arc basin (Davis et al., 2003; Ootes et al., 2009). The ca. 2660 and <2630 Ma greywacke-mudstone turbidites are dominated by detritus from the older volcanic rocks and, to a lesser degree, Mesoarchean basement rocks (Yamashita and Creaser, 1999; Ootes et al., 2009) and now account for >70 percent of the preserved supracrustal sequences. These supracrustal units were deformed, then exhumed and uncomfortably overlain by late orogenic molasses-type conglomerates (<2600 Ma; Isachsen et al., 1991; Bleeker and Hall, 2007) that were deposited upon the incised paleosurface and subsequently deformed along first order, crustal-scale fault zones (Martel and Lin, 2006).

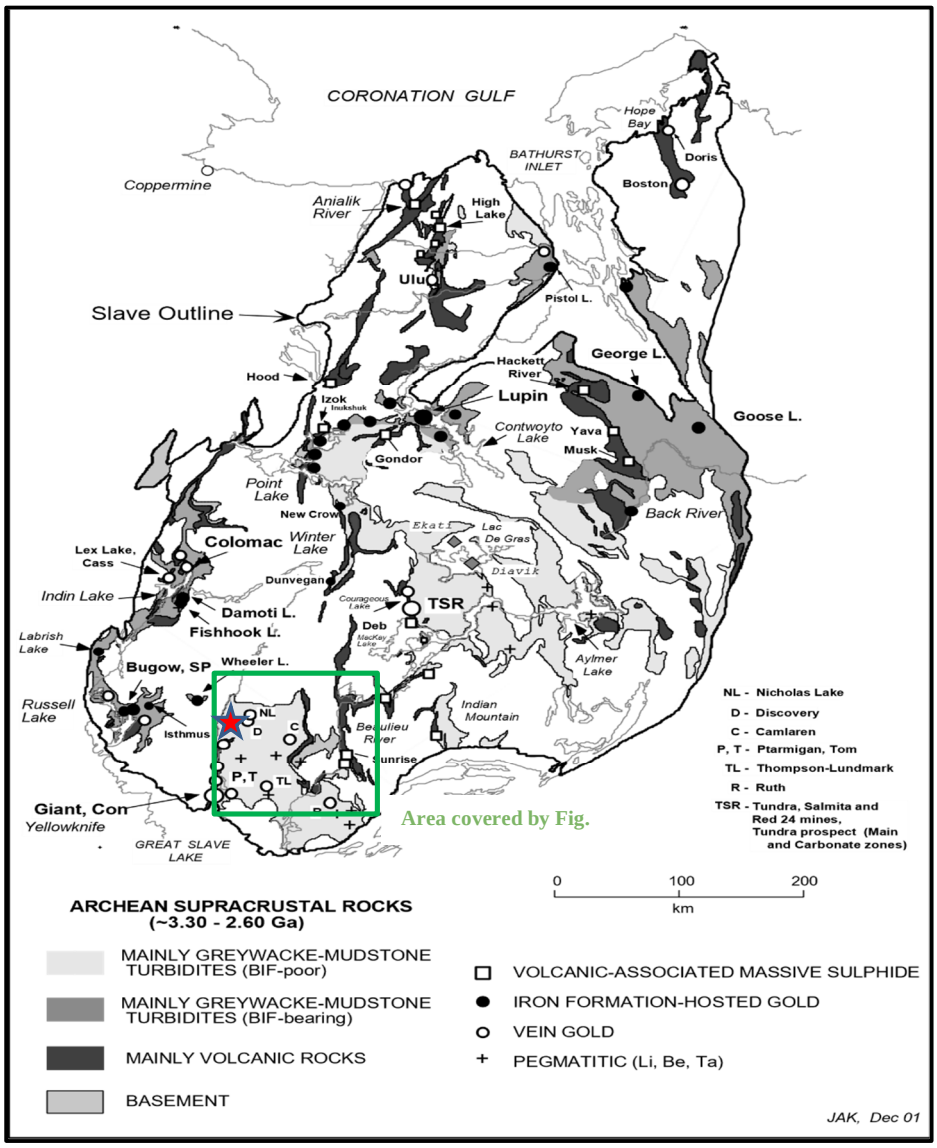


Figure 6. Simplified Geology of the Slave Province showing mines and significant Prospects

Extensive Neoarchean plutons were emplaced during several pulses at ca. 2700, 2670, 2635 to 2620, and 2610 to 2602 Ma, with a final bloom of granitoids at 2600 to 2580 Ma (van Breemen et al., 1992; Davis and Bleeker, 1999; Pehrsson and Villeneuve, 1999; Ketchum et al., 2004; Bennett et al., 2005; Ootes et al., 2005, 2007; Bleeker and Hall, 2007). These latter plutons, ubiquitous throughout the southern part of the craton, range from two-mica granite (S-type) to hornblende biotite granite (I-type) and have well-established crystallization ages (van Breemen et al., 1992; Davis and Bleeker, 1999; Pehrsson and Villeneuve, 1999; Henderson, 2004; Bennett et al., 2005; Ootes et al., 2005; Bleeker et al., 2007). Collectively these plutons represent melts derived from pre-existing crust with minor mantle contributions, and in particular the S-type granites were derived from melting sedimentary rocks (migmatites-anatexis) at much

deeper levels in the crust.

Relevant to this study is the S-type Prosperous pluton, the crystallization of which has previously been dated at 2596 ± 2 Ma (monazite; Davis and Bleeker, 1999; Fig. 8) and 2592 ± 3 Ma (SHRIMP U-Pb zircon; see figure 69e in Bleeker et al., 2007). Multiple episodes of metamorphism and deformation are recorded in the supracrustal and older granitic rocks, and are temporally well constrained using crosscutting relationships exhibited by precisely dated plutonic rocks (e.g., Davis and Bleeker, 1999; Bleeker, 2002; Ootes et al., 2005). In the immediate Yellowknife area, metamorphic grade is generally greenschist facies, with local amphibolite hornfels related to intrusion of 2630 to 260 Ma Defeat Suite plutons and ca. 2592 Ma S-type plutons (Bethuneet Metal endowment is variable across the Slave Province. Most of the approximately sixteen greenstone belt domains contain at least one important deposit; some domains contain several major deposits of different types. For example, the Contwoyto and Back River domains contain large VMS deposits as well as notable BIF-hosted gold deposits, but lack economic vein gold deposits. On the other hand, the High Lake belt lacks BIF-hosted deposits, but contains significant VMS and vein-gold deposits. The Yellowknife Domain contains a large number of vein gold deposits in the volcanic and sedimentary rocks in addition to REE pegmatites in the sedimentary rocks, but major VMS and BIF-hosted deposits have not been discovered. The Hope Bay Domain appears similar to the Yellowknife Domain in that numerous large vein gold deposits occur within a mixed mafic and felsic volcanic sequence that is dominated by pillowed and/or variolitic flows.

Across the Slave Province, significant gold and base metal deposits are hosted by supracrustal rocks that have been dated at circa 2700 Ma, 2660 Ma and 2615 Ma. In some domains (Contwoyto and Back River), individual supracrustal sequences host both gold and base metal deposits, but in other domains there appears to be a marked spatial separation between different deposit types. In the Courageous Lake and High Lake belts, VMS deposits occur within the oldest supracrustal sequence, whereas the gold deposits are hosted by the youngest sequences. Supracrustal sequences older than about 2720 Ma appear to be largely barren including the Winter Lake greenstone belt containing the oldest supracrustal rocks identified in Slave Province (circa 3200 Ma), and the circa 2820 Ma Central Slave Cover Group consisting of quartzite, felsic volcanic rocks, BIF and an ultramafic component (Bleeker et al., 1999).

The Yellowknife greenstone belt (YGB) is in the south-western part of the Slave Province. The stratigraphy and geological setting of the Yellowknife Greenstone Belt (YGB) are described in Henderson (1985), Helmstaedt and Padgham (1986), Kusky (1990), Bleeker (1996), Bleeker et al., (1997, 1999a, 1999b), and Isachsen and Bowring (1997). The YGB is regarded as the western margin of an Archean sedimentary basin (Burwash and the Cameron River and Beaulieu greenstone belts in the east (Henderson, 1970; Lambert, 1988). The basement on which these greenstone belts developed, or were thrust onto, is preserved along the eastern margin of the Cameron River belt, and in the Bell Lake area north of Yellowknife. Location of gold prospects and past producing mines are derived from the Northern Minerals database

available from www.nwtgeoscience.ca.

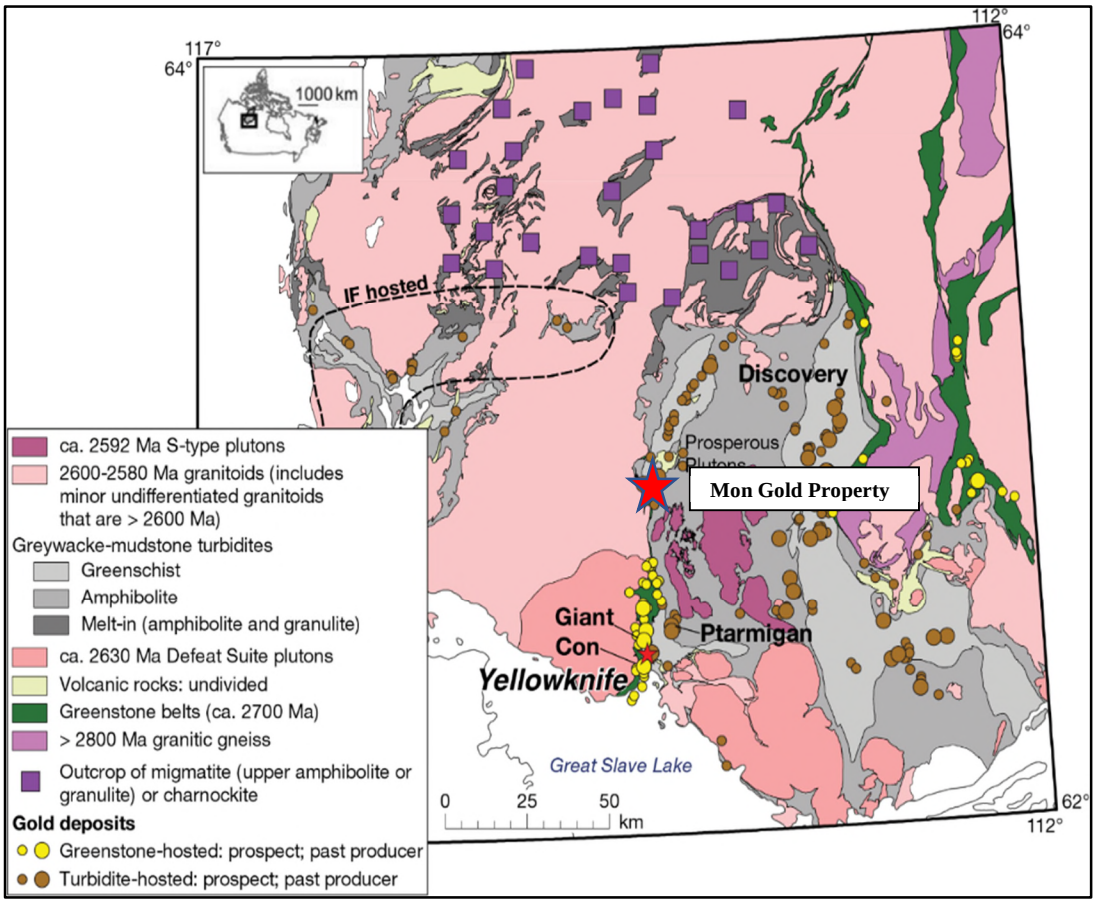


Figure 7. Generalized geology of the southern Slave Craton (after Stubley, 2005).

The YGB consists of four major components: a NE striking, steeply SE-dipping homocline of mafic volcanic and intrusive rocks of the Kam Group (2.72-2.70 Ga., Isachsen & Bowring, 1997), underlain by the Central Slave Basement Complex and Central Slave Cover Group (Bleeker et al., 1999a), and uncomfortably overlain by NE striking intermediate and felsic volcanic rocks of the Banting Group (2.66 Ga., Isachsen & Bowring, 1997) and the 2.6 Ga**.**

All of the supracrustal and the majority of the granitoids rocks within the Yellowknife area have been metamorphosed to greenschist or amphibolite facies (Figures 4 and 5). This high-grade metamorphic and plutonic event is concomitant with the second stage of regional deformation (D2; Bleeker and Beaumont-Smith, 1995; Davis and Bleeker, 1999), which is interpreted to have developed after accretion or collision to the south of the preserved craton between ca. 2630 to 2600 Ma (Davis et al., 1994; Isachsen and Bowring, 1994; Bleeker and Hall, 2007; Bleeker et al., 2007; Ootes et al., 2009).

7.1.2 Central Slave Basement Complex (CSBC)

Deformed granitoids rocks and gneisses exposed at the northern end of the YGB are referred to as a part of the CSBC and locally as the Anton Complex (Bleeker et al. 1999a, Henderson, 1985). It has been proposed that the oldest gneisses within this complex represent a basement to the YGB (Henderson, 1985). The Anton Complex is composed of heterogeneous granodiorite to quartz diorite gneiss, which is in faulted contact with the northwestern margin of the YGB, and is intruded by younger granitoids of the Defeat and Prosperous suites (Henderson, 1985).

7.1.3 Central Slave Cover Group

The Central Slave Cover Group (CSCG) has been proposed to overly the CSBC and together the basement and cover sequence form a basement to the supracrustal rocks of the YGB (Bleeker et al., 1999a). The CSCG is characterized by a thin, generally highly deformed and locally imbricated, volcanic and clastic cover sequence (Padgham, 1992). The typical stratigraphy of this cover sequence as defined by Bleeker et al., (1999a) consists of mafic and ultramafic volcanic rocks at or near its base, overlain by a succession of conglomerates, immature quartz-rich grits, fuchsitic quartzites, and silicate or oxide facies banded iron formation (BIF). In the YGB, the CSCG is exposed at Bell Lake and Dwyer Lake in the northern parts of the belts and is represented by Bell Lake Formation and the lithologically comparable Dwyer Lake Formation. The Bell Lake Formation consists of basal fuchsitic quartzite which grade upward into semi-pelitic schist. BIF overlies, but is interbedded with the quartzites and the covering mafic sequence (Jackson, 1999). At Bell Lake, a 3 m-wide layer of quartz-porphyritic felsic tuff within banded iron formation (BIF) has been dated at 2826 +/- 1.5 Ma (Ketchum et al. 2000). The base of the overlying Kam Group consists of massive flows, sills, and dykes, Figure 7 Stratigraphy of the Yellowknife Greenstone Belt with pillows becoming conspicuous higher up in the section.

The Dwyer Lake Formation consists of a basal arkose that grades upward into fuchsitic quartzite, which is in turn overlain by a felsic tuff and volcaniclastic rocks and capped by a 50 metre thick sequence of BIF. A quartz-porphyritic felsic tuff overlying cross-bedded fuchsitic quartzite at Dwyer Lake has been dated at 2853 +2/-1 Ma (Ketchum et al. 2000). The contact with the overlying Kam Group has been obscured by the intrusion of a post volcanic gabbro sill. At both Bell Lake and Dwyer Lake, the contact between the CSCG and the underlying granitoids of the CSBC is interpreted as a sheared contact.

Rocks of the Bell Lake and Dwyer Lake formations and the underlying deformed granitoids have the highly negative eNd2700 values typical of the continental basement to the greenstone belts of the central Slave Province (Cousens, 2000). Gneissic granitoids >2.9 Ga. in age, found at the base of the Kam Group, have dated between -6 and –9 Ga.

7.1.4 Kam Group

The predominately mafic volcanic Kam Group has been divided into four formations (Chan, Crestaurum, Town site, Yellowknife Bay) by Helmstaedt and Padgham (1986) representing volcanism spanning 2.72 – 2.7 Ga. (Isachsen and Bowring, 1997). The basal Chan Formation is composed of tholeiitic, pillowed and massive mafic flows intruded by numerous mafic dykes and sills. The overlying Crestaurum Formation is distinguished by the appearance of laterally continuous, calc-alkaline felsic tuffs, and siliceous cherts. These are overlain by calcalkaline rhyodacite flows and breccias interbedded with felsic tuffs and pillowed dacites of the Townsite Formation. The stratigraphically higher Yellowknife Bay Formation comprises massive and pillowed tholeiitic basaltic flows, pillow breccias and interflow sediments and calc-alkaline tuffs that grade into coarse turbiditic sandstones at the top of the formation. Near the top of this formation is a distinctive reverse graded, conglomeratic, interflow sediment named the Bode Tuff, which includes rounded clasts of rhyodacite porphyry (Henderson and Brown, 1966). The Yellowknife Bay Formation hosts the majority of gold deposits in the Kam group (Giant and Con deposits; Helmstaedt and Padgham, 1986).

7.1.5 Banting Group

The Banting Group (~2.65 Ga.; Isachsen, 1992) is subdivided into massive and brecciated felsic flows interlayered with lesser calc-alkaline mafic flows and minor conglomeratic, turbiditic sandstones (Ingraham Formation) overlain by massive to bedded felsic tuffs, with minor interbedded mafic flows and tuffs, and clastic sedimentary rocks (Prosperous Formation; Helmstaedt & Padgham, 1986). Separating the two formations within the Banting Group is a fine-grained, thinly- bedded argillaceous sequence of turbidites referred to as the Walsh Formation. The Banting Group includes a much higher proportion of felsic volcanic and volcaniclastic rocks than the Kam Group, but mafic to intermediate volcanic rocks are common.

7.1.6 Duncan Lake Group (Burwash Turbidites)

The Duncan Lake Group conformably overlies the Banting Group, and consists of turbiditic sedimentary rocks of the Burwash and Walsh formations, that were partially contemporaneous with the upper Banting Group. The Burwash and Walsh formations are composed of interbedded greywackes and mudstones with many features characteristic of turbidites (Henderson, 1972). Internal sedimentary structures, paleocurrent data, and clast composition suggest the sediments were derived by erosion of granites and supracrustal rocks of the Kam Group to the west, and were deposited in a submarine fan complex (Henderson, 1972).

7.1.7 Jackson Lake Formation

The Jackson Lake Formation is a late-kinematic sedimentary panel that consists of a basal breccia overlain sequentially by a polymictic conglomerate containing a wide variety of clasts (e.g. mafic and felsic volcanic, granite, quartz-vein, jasper and fuchsitic clasts), parallel bedded to cross-bedded sandstone, and argillite. Microscopic

chloritic grains indicate that the formation has been metamorphosed under greenschist grade conditions. It is the youngest formation of the YGB (<2605 Ma; Isachsen et al. 1991). Based on similarities with Timiskaming-type conglomerates in the Abitibi greenstone belt of the Superior Province, and comparison with modern depositional environments, the Jackson Lake Formation has been interpreted as a fluvial alluvial fan deposit (Henderson, 1975), possibly deposited in a tectonically-controlled basin (e.g. Helmstaedt and Padgham, 1986; Mueller and Donaldson, 1994; Bleeker et al., 1999).

The Jackson Lake Formation occurs between two older volcanic sequences. On its western margin, it unconformably overlies mafic volcanic of the Kam Group (2720-2700 Ma; Isachsen and Bowring, 1997). From south to north, along the length of the YGB, the angular unconformity (Figure 5) consistently cuts through lower sections of the stratigraphy. On its eastern margin, the Jackson Lake Formation is in shear contact with the mainly felsic volcanic rocks of the Banting Group. In locations where the Jackson Lake Formation is absent, the shear zone follows the Kam-Banting contact. The presence of such a fault zone was suggested by Helmstaedt and Padgham, 1986; Bailey, 1987; Mueller and Donaldson, 1994 and has recently been termed the Yellowknife River Fault Zone by Bleeker et al., 1998. This important structural zone is defined by a 10 to 30 m wide mylonite zone, but the extent of deformation cover a much wider area (~300-400 m). The north-south trending structure can be traced from over 50 km is narrowly exposed in the Banting Lake area but it is especially well exposed north of the main portion of the volcanic belt along the western shore of Quyta Lake.

7.1.8 Dyke Swarms

The Kam Group is intruded by a series of gabbroic and quartz-feldspar porphyry dykes. The both sets of dykes also intrude the Banting Group, but not the Jackson Lake Formation. The quartz-feldspar porphyry dykes (2.67 Ga.) radiate from the early porphyritic member of the Western Plutonic Complex (Defeat Suite) (Helmstaedt and Padgham, 1986). The quartz-feldspar porphyry dykes also contain anomalous gold values (Boyle, 1961). Late stage NNW-trending Proterozoic diabase dykes (ca. 2150 Ma; Le Cheminant, 1997) of the Indin Lake swarm intrude every rock formation in the YGB.

7.1.9 Defeat Suite Granites

The Defeat Suite of the Western Plutonic Complex, represents a major, post-Burwash Formation plutonic event in the Yellowknife Domain. The western portion is characterized by coarse-grained moderately to strongly deformed, heterogeneous, variably contaminated tonalite-granodiorite, layered hornblende gabbro and diorite (Atkinson and Van Breeman, 1990). Small fine- to medium-grained, massive to foliated, homogeneous, porphyritic biotite trondhjemite-granodiorite-granite plutons are concentrated along the eastern edge of the Western Plutonic Complex and locally intrude the YGB. These plutons represent the youngest plutonic event of the Defeat Suite (Atkinson and Van Breeman, 1990).

7.1.9 Prosperous Suite Granites

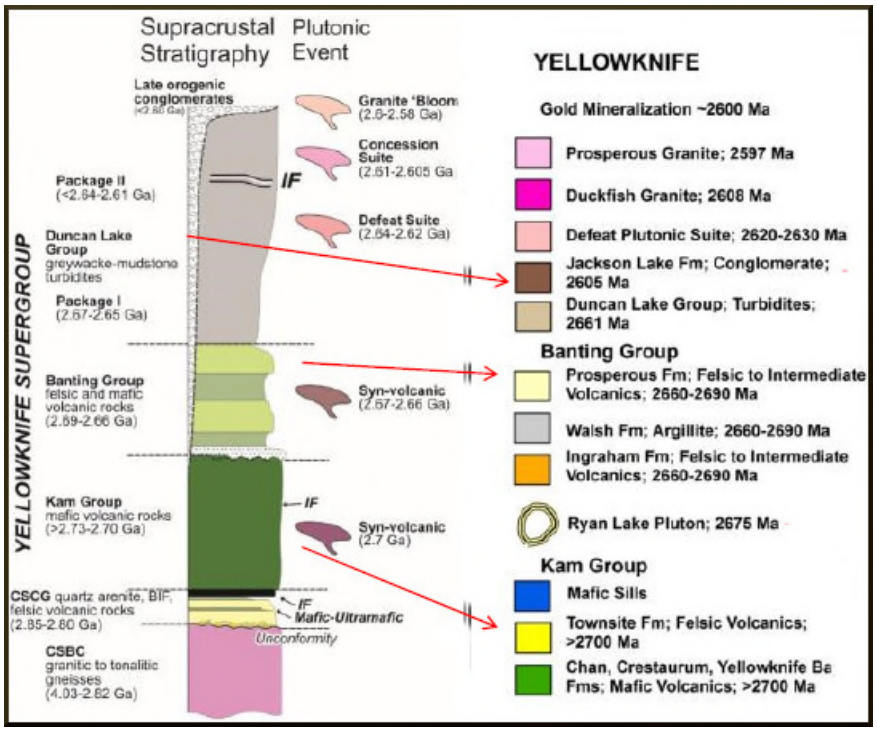
The Prosperous Suite comprises a number of discrete medium to coarse-grained muscovite-biotite granite plutons, which mostly intrude the Burwash Formation turbidites east of Yellowknife. Plutons of this suite are typically two-mica leucogranite with extensive associated pegmatites. According to Davis and Bleeker (1999) the pan-Slave Prosperous Suite plutonism is restricted to 2596-2586 Ma. in the Yellowknife Domain.

7.2 Deformation of the Yellowknife Greenstone Belt

U-Pb zircon, titanite, and monazite ages of plutonic rocks have been used to constrain the timing of post-2660 Ma deformation and metamorphic events in the Yellowknife Domain (Davis and Bleeker, 1999). The earliest recorded deformation in the YGB is represented by localized F_1 folds and associated S_1 foliation, the formation of D_1 faults, now represented by the Giant and Con deformation zones, and the tilting of stratigraphy. Defeat Suite plutons crosscut and postdate upright F_1 folds in the 2680-2660 Ma Burwash Formation. D_1 deformation is therefore bracketed between 2660 and 2630 Ma (Davis and Bleeker, 1999). The D_1 event significantly predates deposition of the Jackson Lake Formation at 2600 Ma. A second folding event (F_2), represented by northwest- to north-trending steeply plunging folds of bedding and D_1 structures, affected the Yellowknife Domain synchronously with intrusion of the 2596 ±2 Ma Sparrow Lake pluton, a member of the two-mica granite Prosperous Suite (Davis and Bleeker, 1999). The time of initiation and the duration of D_2 deformation is not well defined, although an S_2 foliation is documented in the ca. 2605 Ma Jackson Lake Formation (Martel et al., 2000). The S_2 foliation is a regional feature described throughout the Kam and Banting groups, and Jackson Lake Formation. (Boyle, 1953; Helmstaedt and Padgham, 1986).

A younger post-D_2 deformation event is also recognized and consists of rare steeply plunging folds (F_3) with an associated crenulation cleavage (S_3) (Bleeker and Beaumont-Smith, 1995; Martel et al., 2001). Late stage Proterozoic faulting offsets all of the YGB stratigraphy and associated gold deposits. The NNW trending sinisterly Proterozoic faults resulted in north-south alignment of fault bound blocks in the YGB, and an offset of the Giant and Con gold deposits by the West Bay fault. A relative age for the West Bay-Indin Lake fault system is 1.96 Ga., based on crosscutting relationships with the Milt diabase sheets, Great Slave Supergroup, Compton Intrusive Suite, and Mackenzie dykes to the NW of Yellowknife (Kusky et al., 1993).

Figure 8. Stratigraphic Column – Yellowknife Greenstone Belt



In a detailed study of deformation associated with the Jackson Lake Formation (Martel et al. 2001) four generations of ductile structures (D_1 to D_4) have been recognized in the Kam and Banting Groups in proximity to the Jackson Lake Formation and the Yellowknife River Fault Zone, based on fold and foliation overprinting relationships (Martel et al., 2001; Figure 5). D_1 produced a locally preserved, bedding parallel S_1 foliation defined by the crenulated alignment of micas preserved in the mica-rich domain of the S_2 differentiation layering. $S_2$is oriented parallel to the shear zone boundary and is axial planar to S-shaped F_2 folds. Along the steeply plunging L_2 stretching lineation, shear sense indicators consistently show east-side-up movement. D_2structures are overprinted by an S_3 differentiated crenulation cleavage oriented counterclockwise to the shear zone boundary. S_3 is commonly folded, forming S-shaped F_4 fold displaying an S_4 axial planar foliation. Within the shear zone boundary, S_4 is strongly developed and sinisterly "C" shear bands are common. In brief, D_1 is poorly constrained. D_2 is best explained by oblique reverse-minor sinisterly shear and is correlated with the regional D_2 of Davis and Bleeker (1999); D_3 and D_4 are both spatially associated with the Yellowknife River Fault Zone, and are best explained as dextral and sinisterly shear respectively.

Although D_1 is recognized in all Kam, Banting, Walsh and Burwash units, there is no evidence for this generation of structures within the Jackson Lake Formation. It is possible that D_1 was responsible for the tilting of the Kam strata prior to the deposition of the Jackson Lake Formation and thus the angular unconformity at the base of the Jackson Lake Formation.

In the Jackson Lake Formation, three generations of ductile structures are observed (Martel et al., 2001). The earliest generation of structures (D_2) is represented by a penetrative foliation (S_2). S_2 is defined by flattening of clasts in conglomerate and by deformed quartz grains in sandstone.

It is axial planar to F_2 folds and is, in general, parallel or slightly clockwise to the unconformity and/or bedding. D_2 structures include a steeply plunging stretching lineation. The D_3 event is recorded by the overprinting of the S_2 foliation by a differentiated crenulation cleavage (S_3) oriented counterclockwise to bedding. This foliation is best developed in the pelitic beds of the Jackson Lake Formation. D_4 in the Jackson Lake Formation produced a spaced foliation (S_4) defined by the preferred alignment of micas. S_4 is axial planar to F_4 folds and is generally oriented clockwise to bedding.

The metamorphic grade of the YGB decreases from amphibolite facies close to the contact with the Western Plutonic Complex to greenschist facies close to the shore of Yellowknife Bay (Boyle, 1953). Metamorphic isograd in the YGB are spatially related to Defeat Suite Western Plutonic Complex, and therefore formed during the 2620-2630 Ma plutonism. The amphibolite facies aureole of the WPC contains an S_2 foliation that is subparallel to the granodiorite contact, and locally a steep to vertical lineation defined by stretched pillows and amygdules (Helmstaedt & Padgham, 1986). This fabric is also observed in amphibolite grade deformation zones in the YGB (Trapper Lake, Fox Lake), where the alignment of amphibole and biotite preserve an S_2 foliation. This suggests that D_2 deformation began in the YGB prior to the cessation of Defeat Suite related metamorphism (Armstrong, 2000; Siddorn and Cruden, 2000).

7.3 Regional Mineralization

The Yellowknife greenstone belt is in the south-western part of the Slave Province. The Slave Province is a late Archean granite-greenstone terrain, occupying approximately 190,000 km^2 of the northwestern part of the Canadian Shield (Henderson, 1981). The Slave Province is bordered by the 1.94 – 1.86 Ga. Wopmay Orogen to the west, by the 2.02 – 1.91 Thelon Tectonic Zone to the east, and by the Great Slave Lake Shear Zone to the south (Hoffman, 1989).

The metal-rich Archean craton forming the Slave Province (Figure 5) contains a variety of significant mineral deposits including volcanic-associated massive sulphide (Izok, Hackett River, Gondor, and High Lake), iron-formation-hosted gold (Lupin, George Lake, Goose Lake, and Damoti Lake), vein gold (Giant, Con, Boston, Doris, Tundra Joint Venture, Colomac, Tundra, Discovery, and Salimita) and diamonds (Ekati, Diavik). Pegmatites enriched in REE are widespread in the Yellowknife region and occur within the Aylmer Lake area. Current exploration is directed towards gold and diamonds in the northern portion of the Slave Province lying within the new territory of Nunavut and towards diamonds and tantalum in the NWT portion.

Metal endowment is variable across the Slave Province. Most of the approximately sixteen greenstone belt domains contain at least one important deposit; some domains

contain several major deposits of different types. For example, the Contwoyto and Back River domains contain large VMS deposits as well as notable BIF-hosted gold deposits, but lack economic vein gold deposits. On the other hand, the High Lake belt lacks BIF-hosted deposits, but contains significant VMS and vein-gold deposits. The Yellowknife Domain contains a large number of vein gold deposits in the volcanic and sedimentary rocks in addition to REE pegmatites in the sedimentary rocks, but major VMS and BIF-hosted deposits have not been discovered. The Hope Bay Domain appears similar to the Yellowknife Domain in that numerous large vein gold deposits occur within a mixed mafic and felsic volcanic sequence that is dominated by pillowed and/or variolitic flows.

Across the Slave Province, significant gold and base metal deposits are hosted by supracrustal rocks that have been dated at circa 2700 Ma, 2660 Ma and 2615 Ma. In some domains (Contwoyto and Back River), individual supracrustal sequences host both gold and base metal deposits, but in other domains there appears to be a marked spatial separation between different deposit types. In the Courageous Lake and High Lake belts, VMS deposits occur within the oldest supracrustal sequence, whereas the gold deposits are hosted by the youngest sequences. Supracrustal sequences older than about 2720 Ma appear to be largely barren including the Winter Lake greenstone belt containing the oldest supracrustal rocks identified in Slave Province (circa 3200 Ma), and the circa 2820 Ma Central Slave Cover Group consisting of quartzite, felsic volcanic rocks, BIF and an ultramafic component (Bleeker et al., 1999).

The Yellowknife gold deposits in the southern Slave craton, gold mineralization is hosted primarily in second order quartz-carbonate–bearing shear zones that crosscut the ca. 2700 Ma mafic volcanic-dominated rocks of the Yellowknife greenstone belt (Fig. 1; Siddorn et al., 2006). Gold deposits are not restricted to the greenstone belt however, as numerous prospects and past producing mines occur as quartz lodes hosted by 2660 Ma greywacke-mudstone turbidites to the east of the greenstone belt (Fig. 6; Stokes et al., 1990; van Hees et al., 2006).

There are also numerous structurally hosted gold prospects associated with banded iron formation that is interbedded with <2630 Ma greywacke-mudstone turbidites (Fig. 1; Ootes et al., 2009). Within 50 km of Yellowknife (Fig. 1), turbidite-hosted deposits are spatially related to ca. 2592 Ma S type Prosperous plutons and associated contact metamorphic aureoles. Using mineralization-related trace-element data and ore-related fluid inclusions, van Hees et al. (2006) concluded that the hydrothermal fluids responsible for at least some of these turbidite-hosted gold deposits originated from contact metamorphism of, and fluid exsolution from, the turbiditic host and also directly from the intrusions responsible for these metamorphic reactions, including the ca. 2592 Ma Prosperous plutons and associated pegmatites. In contrast, the strictly greenstone-hosted deposits lack a spatial relationship with the S-type plutons (Ootes et al., 2007), though the metal budgets (e.g., arsenic and antimony) and radiogenic isotopic signatures of the ore do indicate some sedimentary or plutonic component (Coleman, 1957; van Hees et al., 1999, 2006; Ootes et al., 2007). Gold mineralization in the greenstone belt is localized near the ca. 2630 Ma amphibolite-greenschist

isograd (Thompson, 2006), but the mineralization postdates this plutonic-metamorphic event (MacLachlan and Davis, 2002).

Gold mineralization in the Yellowknife area was not restricted to one specific event, but was part of an evolving continuum of mineralization (e.g., Armstrong, 1997; Siddorn et al., 2006) that on the regional scale is suggested to be linked (Cousens et al., 2006b). Gold in the Yellowknife greenstone belt is intimately associated with sulfide mineralization, in both visible and refractory forms, the latter being substituted in the crystal lattice of sulfide minerals (Armstrong, 1997; van Hees et al., 1999).

7.4 Mon Gold Property Geology

The property is underlain by a portion of the Sito Lake Complex (Fig. 8), a part of the Yellowknife Supergroup consisting of mafic and felsic and mafic-intermediate intrusive rocks of the Kam and Banting Groups and the overlying sediments of the Burwash Group. (Helmstaedt et al, 1985). These plunge steeply to the north (Helmstaedt et al, 1985). The Mon Gold Property lies on the west limb of the Sito Lake fold. An isograd transects the eastern part of the Mon Gold Property, separating cordierite grade rocks to the west from lower grade tocks to the east. Rocks of the Dwyer Lake Succession lie in a major isoclinal anticline (?) immediately to the west of the Mon Gold Property (fig 9). The volcanic complex which lies to the east, separated by a splay of the Yellowknife River Fault, a north trending left lateral strike slip fault, along the western edge of Sito Lake. The Sito Lake complex is deformed into a major north-northwest facing, open syncline, the Sito Lake Fold.

McDougall and Goad (1989) report that the A Zone is hosted by metagraywackes and metamudstones to the east and metagabbro and metamudstone to the west. Foliation is well developed in the metasediments and is parallel to the bedding, striking 150^0 – 160^0 and dipping steeply to the west. Two separate units of mafic metavolcanics are present near the west side of the property. They are dominantly massive to pillowed flows with minor intercalated metasedimentary rocks. A number of gabbroic intrusions occur as sills concordant to the stratigraphy. These sills are, generally, quite massive with little evidence of differentiation or layering.

A substantial shear zone forms the contact between felsic and mafic metavolcanic rocks west of Discovery Lake. It is concordant to stratigraphy – striking at 155^0 and dipping steeply to the east. This shear zone contains noticeable amounts of arsenopyrite resulting in gossanous surface exposures.

Small-scale faulting has been observed in a few localities towards the southwestern side of the Mon Gold Property. They are typically present within metasediments and are characterized by displacements of up to 20cm.

Figure 9. Geology of the Mon Gold Property

7.5 Mon Gold Property Mineralization

There are five principal areas of gold mineralization on the Mon Gold Property, including the A-Zone.

Only the A-Zone has seen significant exploration. The quartz bearing ore veins lie near the contacts of a mixed sedimentary - volcanic sequence and thick gabbro sills. The vein system mostly follows the north-northwest striking contact between sills and sedimentary-volcanic rocks, but locally splays out into one or the other rock type. Individual quartz veins are typically lens-shaped, glassy in texture and vary in colour from white to gray. The vein system has been traced approximately 210 meters along strike and to depths generally less than 30 meters. Gold grades are erratic but appear to be correlative with the sulphide content of the veins which averages less than 1%. Interest has been focused primarily on an S-shaped quartz lens known as the A-zone, a 0.7 to 2 meter wide semi-continuous vein with a strike length of 90m. Gold concentrations are greatest within the hinge of the folded vein (Lord, 1951).

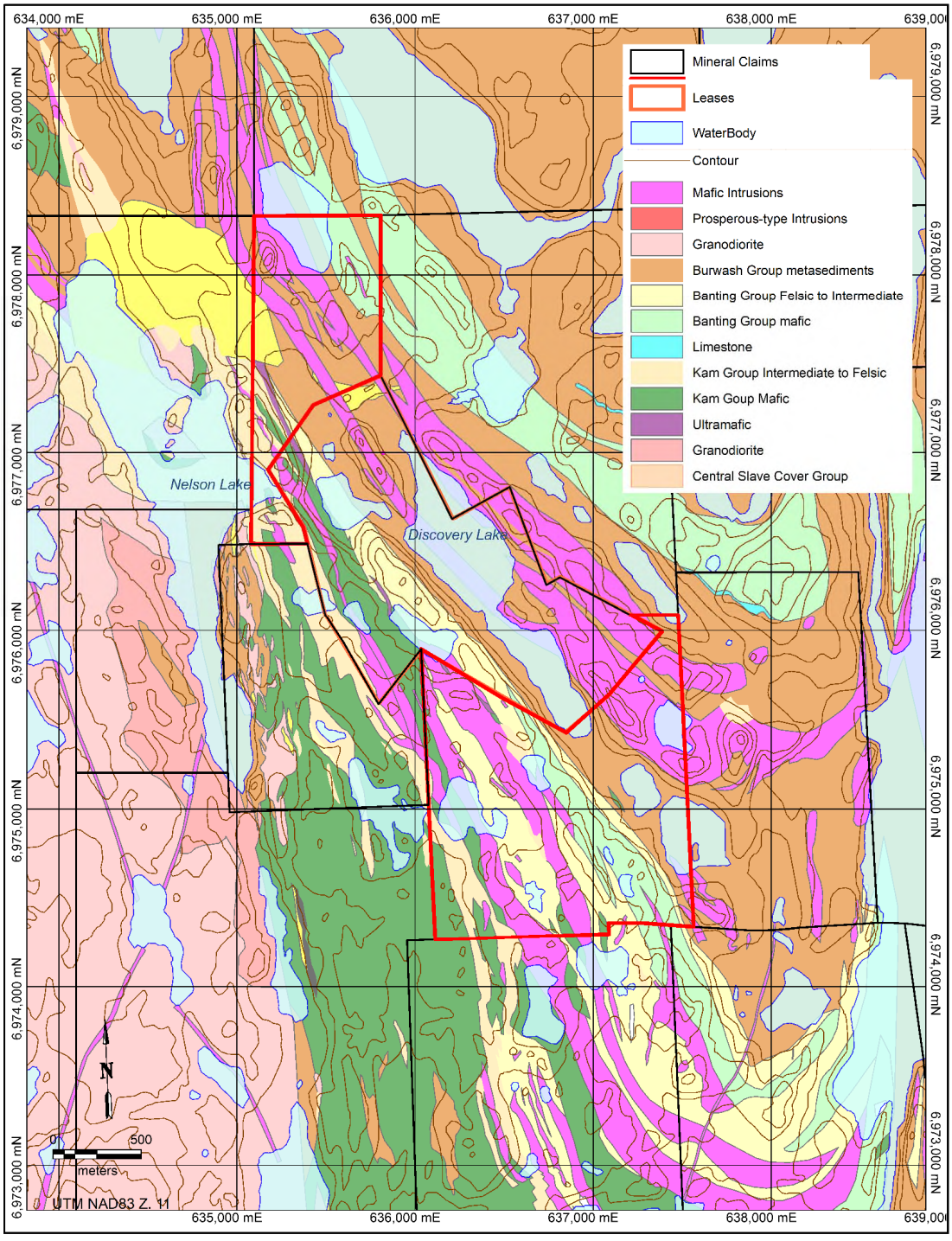
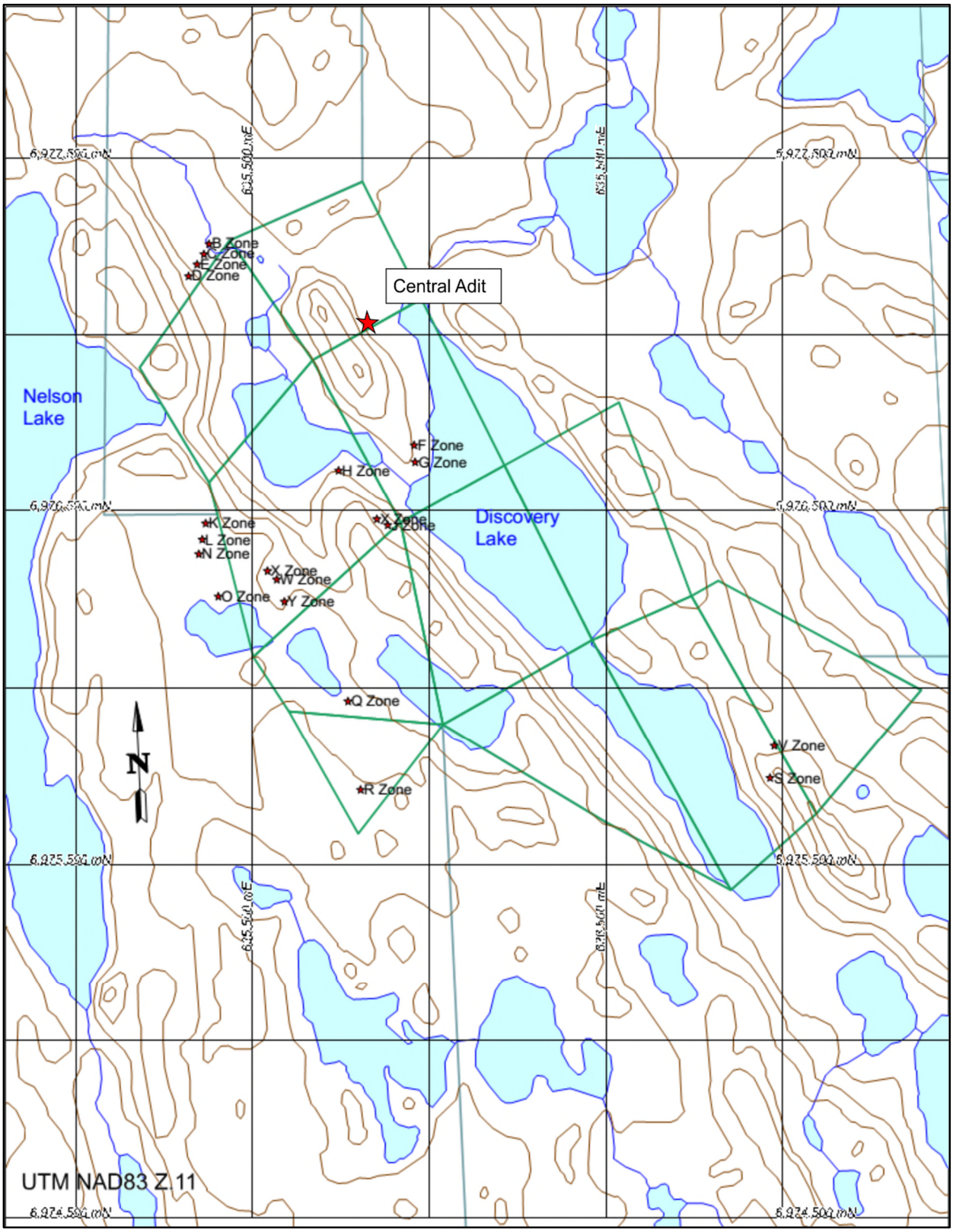


Figure 10. Geology of Mon Property and immediate area.

Photo 4. Crown Pillar of A Zone showing mineralized Quartz Vein and Location of Verification Chip Sampling (labeled Mon A to D) respectively).

Figure 11. Map of Known Showings on the Mining Leases for the Mon Gold Property

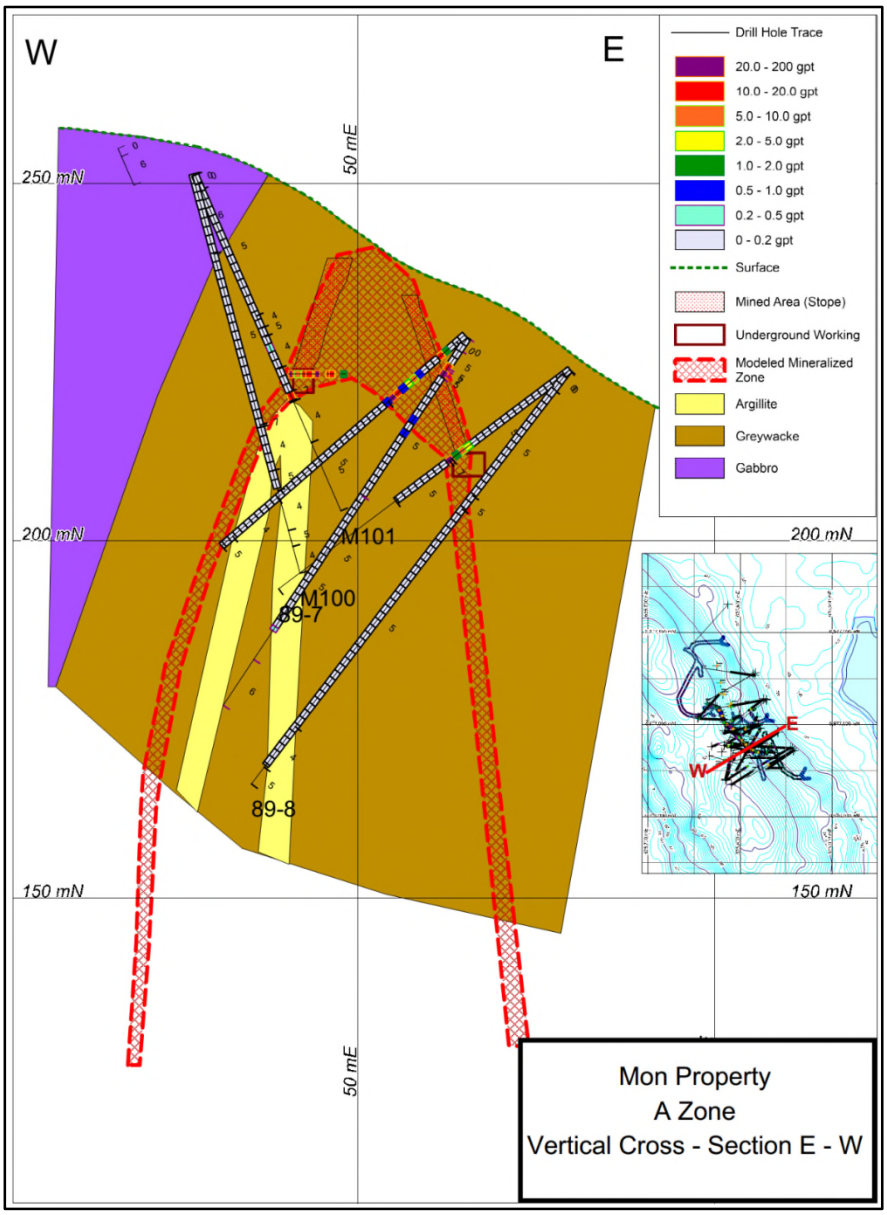


Several of the mineralized showings are hosted by shear zones and are observed as gossanous schists proximal to the contact between felsic and mafic metavolcanics as well. Typically, the shears are strongly chloritic or hematitic and host small quartz veins. The mineralized shear zones generally display a salmon-pink colouration which is imparted by albitization/hematite. The shears commonly contain trace amounts of fine grained disseminated pyrite and arsenopyrite. The auriferous shear zones can vary in width from 10 cm to 4 m in thickness. They can only be traced over lengths up 50 m. Grades ranging in grade from 0.5 g/t to 5 g/t gold were obtained from chip samples (McDougal and Goad, 1989).

The Monument Zone is not well exposed, but strikes north-northwesterly on the west-side of the hill that hosts the A-Zone. It is characterized by quartz sericite schist, considered to be a quartz-eye bearing rhyolite to dacite tuff. It is 200 m wide and is topped to the east by a sulphide-rich zone (Showings H, I, and J). Where the QSS is exposed it is always shot full of narrow quartz veins, in shear-zone geometries cross-cutting S2, commonly containing black tourmaline (short) and in places, arsenopyrite.

The "A" zone is the most significant prospect on the Mon Gold Property and has been described by Lord (1941). Generally, the quartz vein system strikes parallel to the north northwest trending contact of a gabbro sill and sedimentary-volcanic rocks but, locally, the vein or a splay extends 3m into the enclosing wedge of volcanic and sedimentary rock. Veins within the system have a podiform or lenticular shape. Quartz is glassy and varies in colour from white to grey. The vein system has been traced 220m along strike and by drilling to depth of less than 40m. Vein width varies from less than 10cm to about 4m and averages 75 cm. Gold content is erratic, ranging from trace up to 274 g/t and averaging about 34 gpt. Veins host ore shoots that plunge moderately south. Quartz veins may contain as much as 10-15% silicified fragments, which are locally sulphide-rich. Quartz veins contain generally workings less than 1% sulphides and rarely up to 5% sulphides which are, in order of decreasing abundance, galena, sphalerite, pyrite, arsenopyrite, pyrrhotite and chalcopyrite. Visible gold is common and there is a direct correlation between gold grade and sulphide content. The gold mineralization is entirely within a broad envelope of albitization and associated hematization that is up to 25 m in width. Alteration is present as: Fracture – related metasomatism within the gabbro and greywacke and, pervasive bleaching of the dark grey-black pervasive bleaching of the light grey-pink aphanitic rock previously thought to be flow-banded rhyolite of quartz latite.

Figure 12. Vertical Cross-Section E-W Mon Gold Property, A-Zone



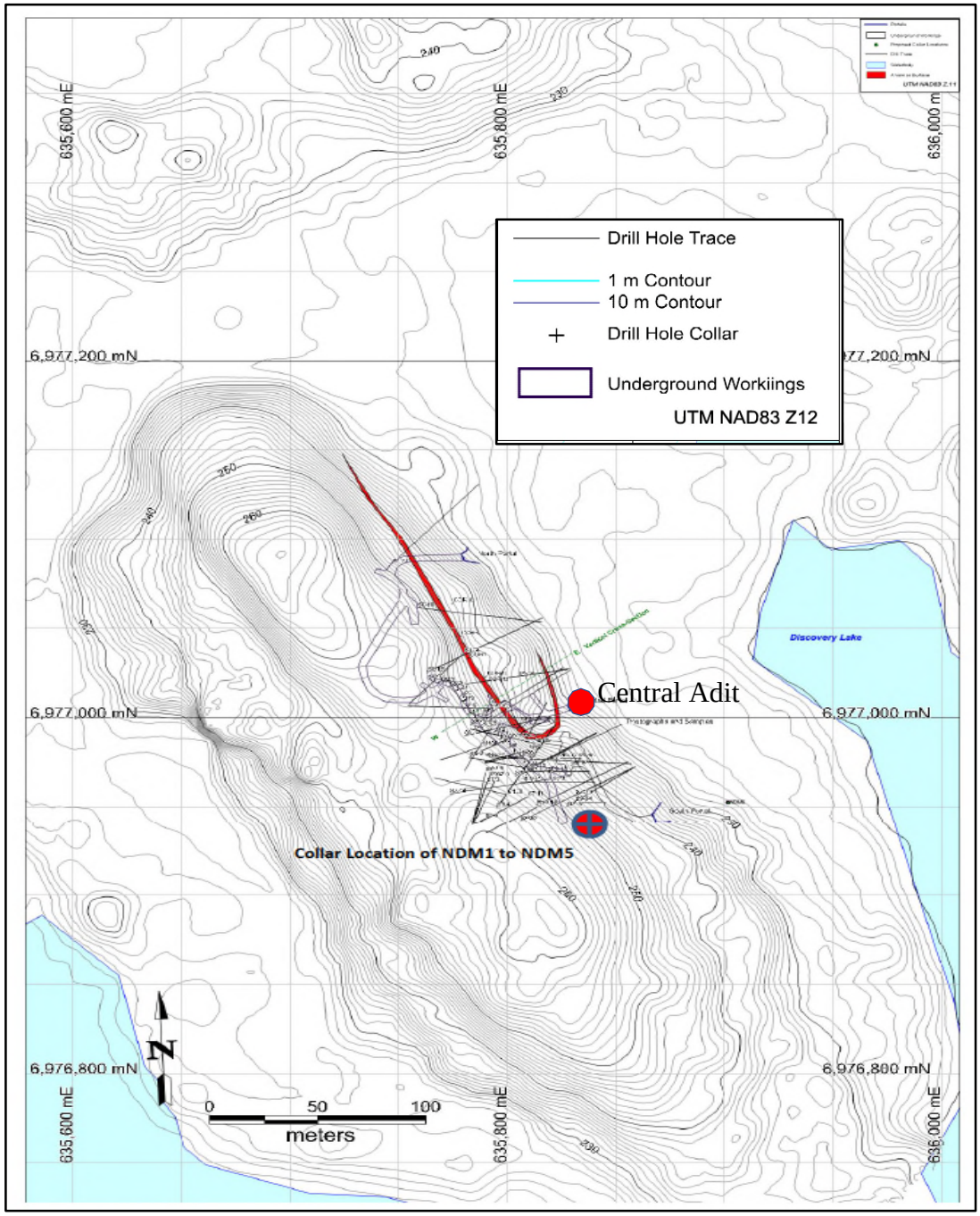
Where tested, the vein is thickest near the point where it outcrops (figure 10). Here, an "S" shaped fold plunges shallowly (approximately 30^0) to the southwest. The hinge of this fold appears to be coincident with a fault system striking north-south and dipping steeply to the west (McDougall and Goad, 1989). The author observed north-south trending and steeply plunging lineaments. Visible gold is common, particularly in Trenches 1 and 2 and the underground workings where the fold hinge is revealed. McDougall and Goad (1989) report that gold appears to be associated with inclusions and wall rock contacts. The host rocks of the A zone mineralization are metasediments to the east and metagabbro and metamudstone to the west. Pervasive alteration of the metasediments occurs up to 2 meters from the veins. An outer zone of alteration is characterized by ubiquitous weak chloritization and local silicification and albitization along fine cross-cutting fractures. An

inner alteration zone is defined by more intense silicification and albitization. Metasediments within this zone are generally bleached to a buff grey-pink colour and contain finely disseminated pyrite, biotite, chlorite and, locally, strong oxidation of pre-existing sulphide minerals.

This zone is irregular; varying in thickness from less than 1 meter to more than 5 meters from the veins, contains finely disseminated pyrite. McDougall and Goad (1989) report that, during the course of the underground exploration program, channel and chip samples were collected across every face exposing the Main A Zone. Assays of these samples varied from 0.03 gpt and 663.76 gpt and indicate the heterogonous distribution or nugget effect of the gold. It is noteworthy that a 115 kg sample from the lower grade portion of the A Zone Main Vein returned a gold value of 10.97 gpt gold.

McDougall and Goad (1989) also report assays of chip samples collected from the A Zone on surface. Ten trenches were sampled as well as several areas between the trenches.
There are no significant historical mineral resource or reserve estimates from the Mon Gold Property.

Figure 13. Map Showing Location of Drill Holes and Underground Workings at the A-Zone



Item 8: Deposit Types

8.1 Archean Gold Deposits

The Mon Gold deposits belong to a class which is widespread throughout the world and

have produced a large amount of gold and silver; they are often referred to as "Bendigo Type". Examples include Yellowknife, Northwest Territories, Canada; Red Lake and Timmins, Ontario, Canada; Kolar goldfield, India; Kalgoorlie goldfield, Western Australia; and the Cam and Motor, Dalny, and other similar mines in Zimbabwe. Younger representatives are the Mother Lode system of California (Mesozoic); Comstock Lode, Nevada (Tertiary); Goldfield, Nevada (Tertiary); Cripple Creek, Colorado (Tertiary); Coromandel gold belt, New Zealand (Tertiary); Emperor mine, Fiji (Tertiary); Lebong and other auriferous districts, Indonesia (Tertiary); Lepanto mine, Philippines (Tertiary); Kasuga mine, Japan (Tertiary), and the Belaya Gora and other similar deposits in the far eastern Russia (Tertiary).

The Yellowknife Greenstone Belt deposits can be considered Archean Lode Gold deposits within an orogenic gold environment. These deposit types are well documented throughout the Canadian Shield. Gold deposition typically postdates peak metamorphism and can be accompanied by retrograde metamorphism in the greenschist to amphibolite grade lithologies. Favorable structural settings include areas of contrasting lithological competency which result in brittle and ductile shearing as well as quartz-carbonate veining as stockwork and lode gold quartz veining.

The structure of vein-type gold deposits is defined by the shapes and geometrical relationships of mineralized bodies, the form of the mineralization making up these bodies, and the sequence of vein-forming events.

8.1.1 Discordant

Many of the larger Yellowknife gold deposits occur within, or are spatially associated with shear zones. They range in shape from tabular to linear, and in form from disseminated, to breccia, to stockwork or sheeted veinlet zones, to single veins. There typically is a complex history of mineral deposition which overlaps, and is genetically related to, the deformation that generated a host structural zone. It is believed that auriferous veins are localized by tectonically-generated dilatancy in an environment of low mean stress caused by high fluid pressure. It is proposed that a major cause of tectonic dilation of shear zones is the interference between intersecting shears during bulk, inhomogeneous flattening by movement on systems of intersecting shear zone sets.

8.1.2 Stratabound

These deposits are developed predominantly in sequences of shale, sandstone, and greywacke dominantly of marine origin. Such sequences are invariably folded, generally in a complex manner, metamorphosed, granitized, and invaded by granitic rocks, forming extensive areas of slate, argillite, quartzite, greywacke, and their metamorphic equivalents. Near the granitic bodies, various types (kyanite, andalusite, and cordierite) of quartz-mica schists and hornfels are developed and grade imperceptibly into relatively unmetamorphosed slates, argillites, quartzites and greywacke marked by the development of sericite, chlorite and other low-grade metamorphic minerals. Most of the gold deposits are developed in the lower-grade facies. A few economic deposits occur in the granitic batholiths and stocks that invade the greywacke-slate sequences.

The principal gangue mineral in these deposits is quartz; feldspar, mica, chlorite, and minerals such as rutile are subordinate. Among the metallic minerals, pyrite and arsenopyrite are most common, but galena, chalcopyrite, sphalerite, and pyrrhotite also occur. Molybdenite, bismuth minerals, and tungsten minerals are local. Stibnite occurs in abundance in a few deposits, but is relatively rare in most deposits. Acanthite, tetrahedrite-tennantite, and other sulfosalts are not common in these deposits. Carbonate minerals, mainly calcite and ankerite, are common but not abundant. The valuable ore minerals are native gold, generally low in silver, auriferous pyrite, and auriferous arsenopyrite. Telluride minerals are relatively rare, and aurostibite is an uncommon mineral in these deposits.

A few deposits in this category are tabular or irregular replacement (disseminated) bodies developed in carbonate rocks or calcareous argillites and shales. The principal minerals in these deposits are quartz, fluorite, pyrrhotite, pyrite, arsenopyrite, sphalerite, galena, chalcopyrite, and stibnite.

Metasomatism associated with these deposits is minimal, and the quartz veins, saddle reefs, and irregular masses are frozen against the slate, argillite or greywacke wall rocks. In places, thin zones of mild chloritization, sericitization, and carbonatization are present. Some veins are marked by thick black zones (up to 15 cm wide) of tourmalinized rock. Disseminated pyrite and arsenopyrite are common in the wall rocks of most of these deposits. This pyrite and arsenopyrite is usually auriferous.

The elements exhibiting a high frequency of occurrence in this type of gold deposit include Cu, Ag, Mg, Ca, Zn, Cd, (Hg), B, (In), (Ti), Si, Pb, As, Sb, (Bi), S, (Se), (Te), (Mo), W, (F), Mn, Fe, (Co), and (Ni). Elements in parentheses have a low to very low frequency of occurrence. The Au/Ag ratio in the ores is generally greater than 1.

8.1.3 Discordant Stratabound

The Mon deposit belongs to a sub-class termed Discordant Stratabound Gold Deposits (DSGD) and is hosted within a thickly bedded amphibolite-facies belonging to the Burwash Formation meta-argillite adjacent to a stratiform amphibolite unit. The Discovery Mine, 45 km to the north is also a DSGD. At the Mon, gold mineralization occurs within and adjacent to a 1 to 3 meter wide zone comprising quartz veins and silicified argillite disposed in a horseshoe-shaped antiform with a 20 meter interlimb distance plunging moderately to the southeast. Gold is associated with sulphides that typically occur proximal to inclusions and quartz vein margins and include. The gold is hosted by veins, lodes, sheeted zones, and saddle reefs in faults, fractures, bedding-plane discontinuities and shears, drag folds, crushed zones, and openings on anticlines essentially in sedimentary terrains; also replacement tabular and irregular bodies developed near faults and fractures in chemically favourable beds. The mineralization of these particular deposits is characterized essentially by quartz; carbonate minerals, pyrite, arsenopyrite, base-metal sulfide minerals, and a variety of sulfosalt minerals. The principal gold minerals are the native metal and various tellurides; aurostibite occurs in some deposits. Metasomatism is extensive and intense, developed adjacent to and in the vicinity of nearly all deposits in this class. In the old Precambrian rocks, the most common types of alteration are

chloritization, carbonatization, sericitization, pyritization, arsenopyritization, and silicification. In the younger rocks, propylitization (chloritization and pyritization) is especially characteristic, and there may also be a development of adularization, silicification, kaolinization, sericitization, and more rarely alunitization.

The Mon gold deposit is geologically quite similar to the Discovery Mine located 40 km to the north, in terms of host rocks (Burwash Formation argillites), proximity to mafic igneous rocks (<20 m), quartz vein size (>2m to <0.1m) and geometry (antiformal fold with 20 m interlimb distance), alteration type (alkali metasomatism, low carbonate) and extent (>5 m peripheral to veins), and gold grades reported (variable, but past production reported around 30 gpt),. The Discovery Mine is exposed on surface as a 170 meter-long quartz vein folded into a vertically plunging antiform (75m long limbs, 20m apart). It was traced to a depth of 1,220 meters. Between 1949 and 1969, 1 million ounces of gold were recovered from 1 million tons of ore (Silke, R., 2009). This information from the Discovery Mine should clearly be distinguished from the Mon Property.

Item 9: Exploration

Exploration of the Mon Gold Property by Sixty North Gold Mining Ltd. has comprised data compilation, diamond drilling (378.9 m from 5 holes) and prospecting. The drilling is discussed Section 10.

9.1 Prospecting

The 2017 exploration program consisted of up to two prospectors covering the entire property, reviewing all previously identified showings and assessing the potential for 'low quartz" or "Ormsby-style" mineralization. The latter target refers to the gold mineralization associated with potassic-altered, sulphide-rich, structurally-hosted gold mineralization that characteristically has low quartz content (often <5% quartz). Disseminated sulphides were commonly noted in the wall rocks around the known showings and elsewhere and will need to be assessed if the sampling supports the low-quartz model. A geological review of selected targets was conducted at the end of this program. No assays have been received as of the date of this report.

The tent camp was reactivated July 8th and two prospectors started July 17th. The diamond drill was demobed during this period. One prospector returned to town on July 27th while the other remained in camp. Dr. D.R. Webb, P.Eng., P.Geol. moved onto the property August 20 for five days. A total of 232 grabs samples were collected by prospectors and 21 samples were collected by Webb. These were delivered by the Company's expeditor to Maaxam Labs in Yellowknife for processing by PRP 70-250, AQ251 and FA550 procedures on samples with gold values >1 gpt (by AQ251) by Bureau Veritas Minerals in Vancouver. Three areas that had previously been trenched by Cominco Ltd in the 1940's were reviewed by Webb, and included in the sampling.

A total of 523 samples were collected from across the property as grab samples. These

were analyzed at Bureau Veritas Laboratories in Vancouver using several techniques including AQ250 ICP, FA330 and FA550.

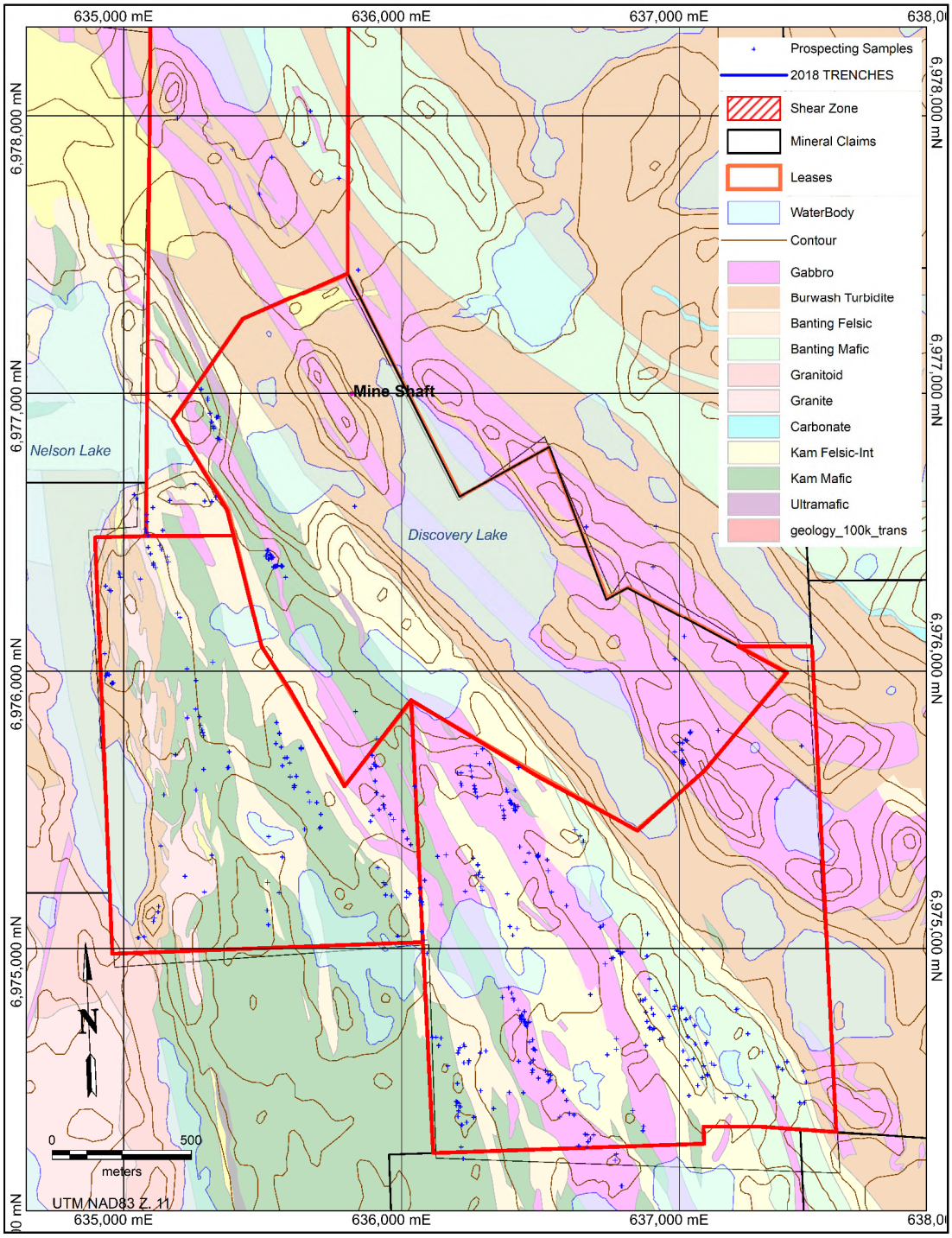


Figure 14. Location of all prospecting and sampling on the Mon Property

Gold is distributed as shown on Figure 15, appearing to follow the gabbros for the most

part with a lower-grade trend to the west at the top (east-side) of the lower mafic unit. Figure 15

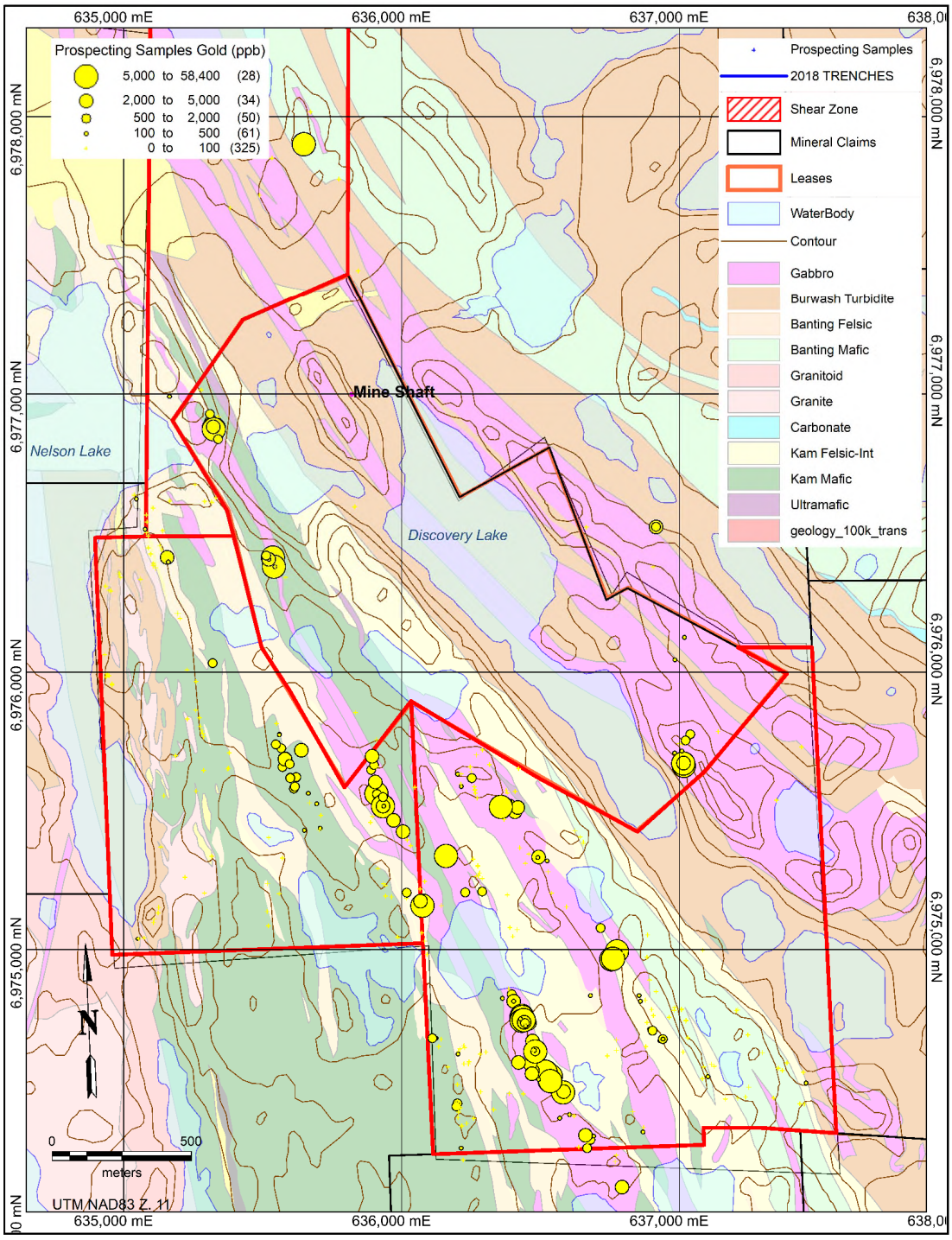


Figure 15. Proportionate circles showing gold distribution on the Mon Property.

Silver is shown on Figure 16 where it appears to be concentrated in two small areas within

gabbroic units but is dominantly concentrated for over a kilometer near the top (east-side) of the lower mafic sequence. The largest concentration is associated with a potential stratabound and stratiform sulphide-enriched unit.

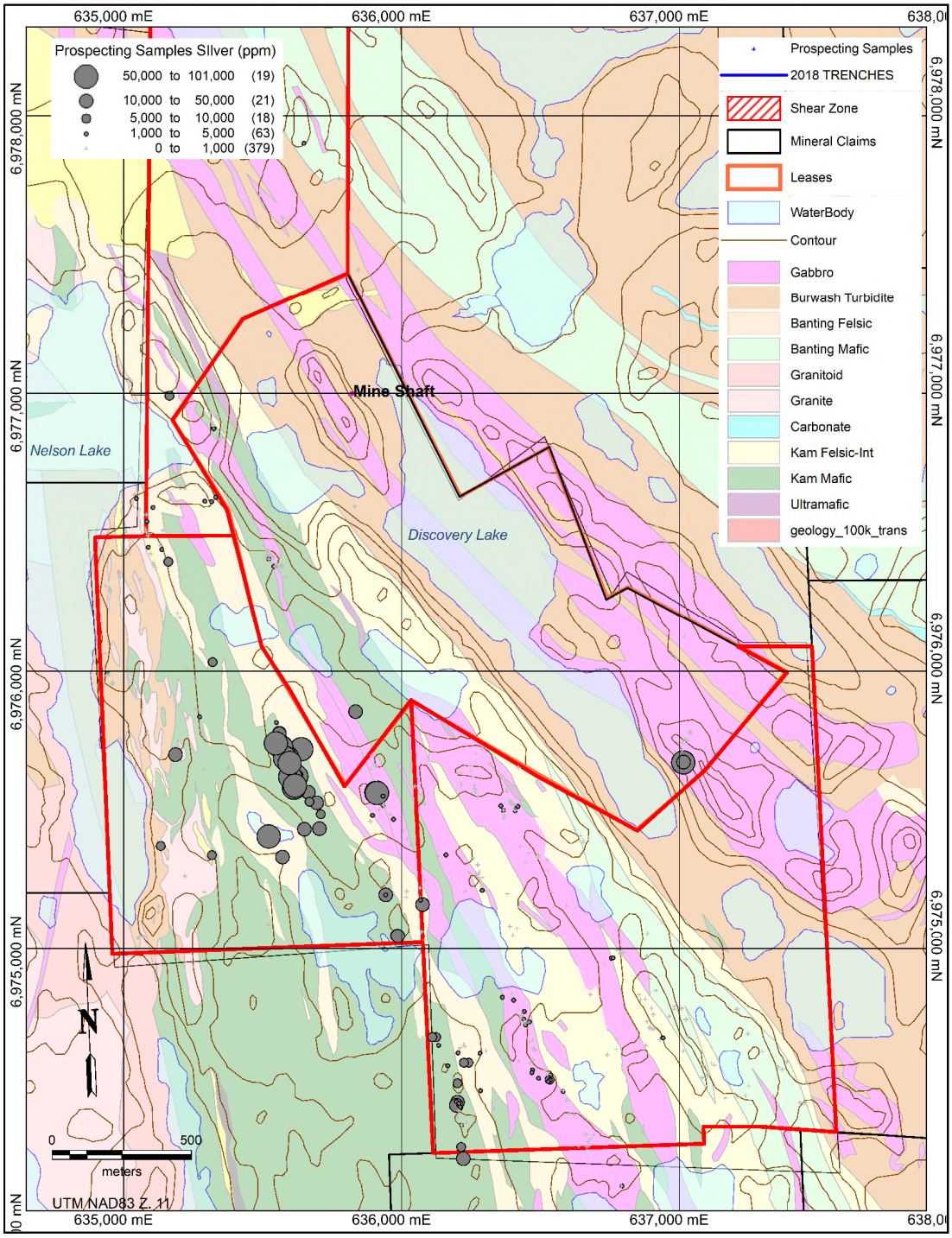


Figure 16. Distribution of Silver in prospecting samples on the Mon Property.

Two anomalous nickel trends can be observed, one in the eastern-most gabbroic unit, and a longer trend along the eastern-margin of the western gabbroic unit. The southern-most trend is 750 m long, contains 13 samples that averages 164 ppm copper, 459 ppm nickel, and 58.8 ppm cobalt.

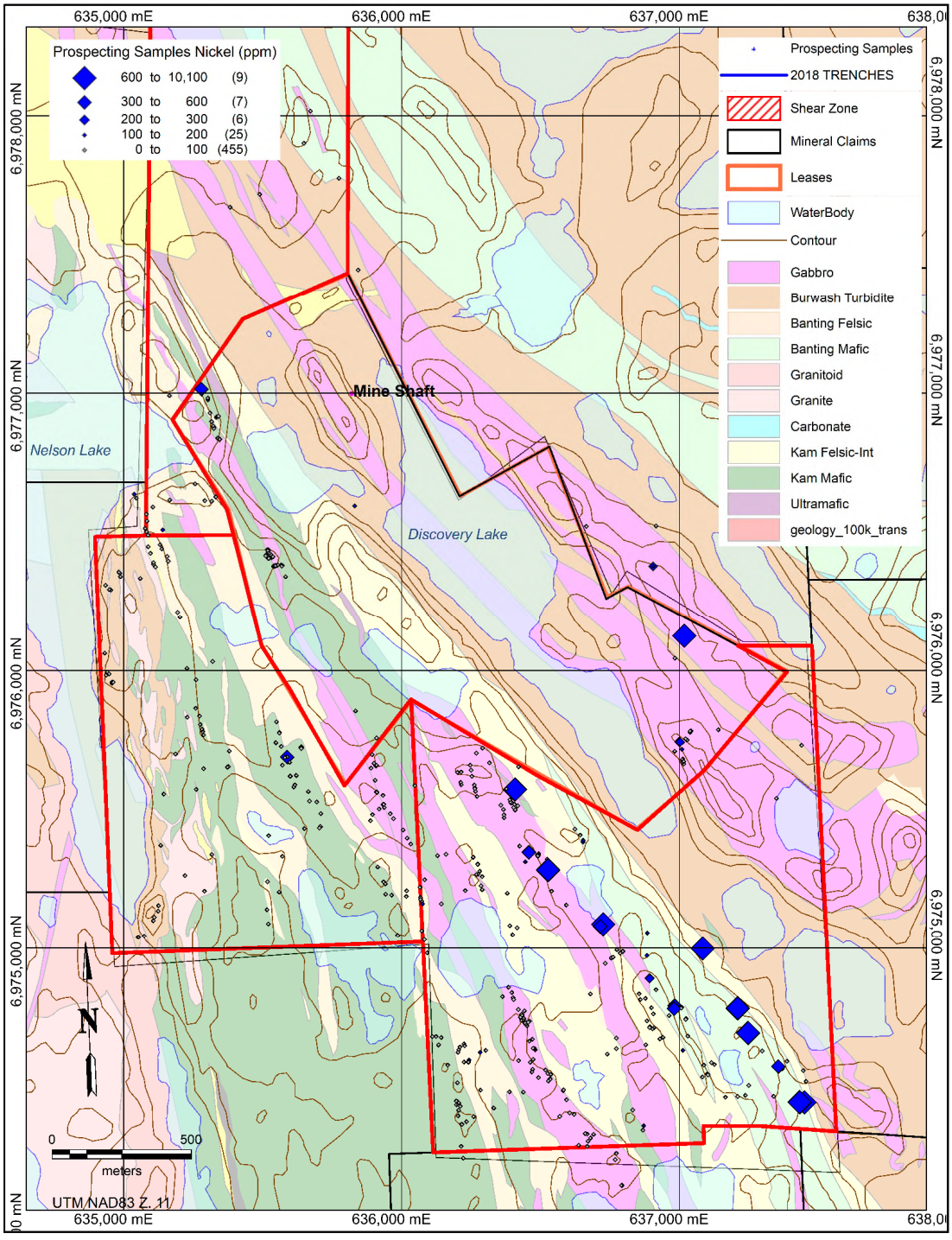


Figure 17. Distribution of Nickel in prospecting samples on the Mon Property.

Cobalt shows a distribution similar to gold and to a lesser degree, nickel. There is a clear association with gabbroic rocks, however the western-most anomaly is strongly associated with the semi-massive conformable sulphide unit. Twenty-two samples collected from

this area averages 482 ppm copper, 4,914 ppm lead, 2,832 ppm zinc, 69.54 gpt silver, 122 ppm cobalt, 1.02 gpt gold, and 3.94 ppm mercury.

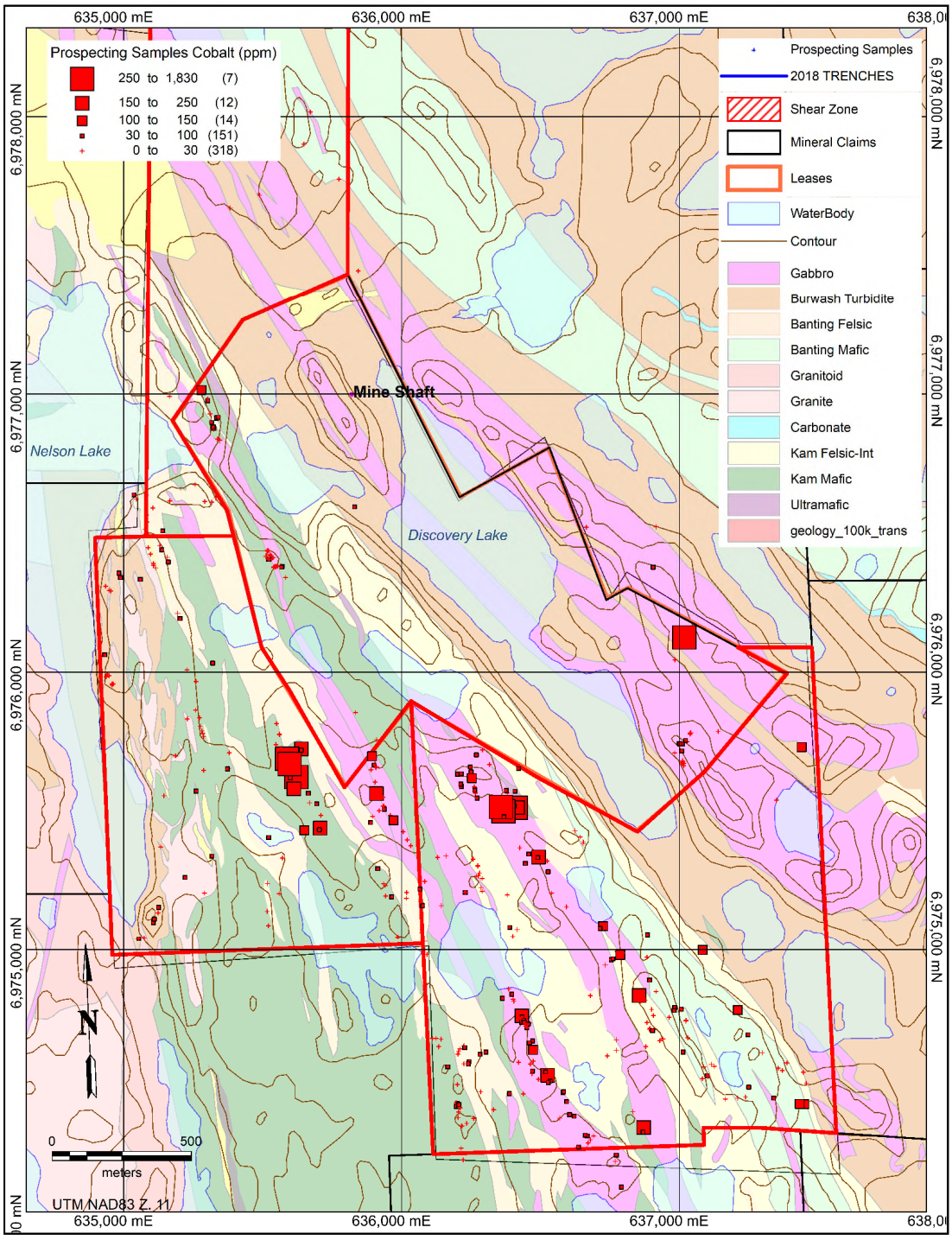


Figure 18. Distribution of Cobalt in prospecting samples on the Mon Property.

Table 13. Statistics for all prospecting samples collected on the Mon Property.

Field	Count_n	CountValid	CountInvalid	Minimum	Maximum	Mean	Median
Mo (ppm)	523	502	21	0.01	11.15	0.60	0.32
Cu (ppm)	523	502	21	0.89	7144.22	277.54	109.72
Pb (ppm)	523	502	21	0.25	10001.00	345.04	6.34
Zn (ppm)	523	502	21	1.9	10001.00	253.20	42.60
Ag (ppm)	523	500	23	4	100010.00	5175.40	236.00
Ni (ppm)	523	502	21	0.2	10001.00	77.97	22.40
Co (ppm)	523	502	21	0.3	1829.20	40.76	22.35
Mn (ppm)	523	502	21	36	4155.00	449.76	366.50
Fe %	523	502	21	0.27	35.29	5.59	4.21
As (ppm)	523	501	22	0.1	10001.00	2491.33	44.90
U (ppm)	523	444	79	0.05	30.80	0.60	0.20
Au(ppb)	523	498	25	0.1	58315.60	1303.19	18.90
Th (ppm)	523	485	38	0.05	41.10	2.78	1.00
Sr (ppm)	523	502	21	0.6	292.20	14.89	8.25
Cd (ppm)	523	489	34	0.005	1365.95	12.46	0.10
Sb (ppm)	523	500	23	0.02	2001.00	25.44	1.04
Bi (ppm)	523	499	24	0.01	313.19	3.24	0.21
V (ppm)	523	502	21	0.5	518.00	89.87	71.00
Ca %	523	502	21	0.005	9.89	1.21	0.97
P %	523	500	23	0.001	2.38	0.05	0.03
La (ppm)	523	480	43	0.5	245.30	9.13	5.20
Cr (ppm)	523	500	23	0.5	1459.10	62.28	14.60
Mg %	523	501	22	0.005	7.05	0.89	0.76
Ba (ppm)	523	502	21	1.6	662.30	60.45	32.85
Ti %	523	501	22	0.001	0.58	0.09	0.07
B (ppm)	523	459	64	0.5	76.00	2.80	2.00
Al %	523	502	21	0.01	7.76	1.82	1.56
Na %	523	502	21	0.001	0.58	0.11	0.09
K %	523	497	26	0.005	2.98	0.39	0.19
W (ppm)	523	479	44	0.05	101.00	6.83	0.40
Sc (ppm)	523	502	21	0.1	48.50	8.33	6.95
Tl (ppm)	523	482	41	0.01	2.97	0.21	0.11
S %	523	501	22	0.01	11.00	1.11	0.50
Hg (ppb)	523	429	94	2.5	40224.00	211.39	7.00
Se (ppm)	523	487	36	0.05	50.10	1.67	0.60
Te (ppm)	523	471	52	0.01	14.20	0.32	0.07
Ga (ppm)	523	502	21	0.05	24.30	6.52	6.00
Au_FA330 (ppb)	523	43	480	1297	10001.00	5042.30	3803.00
Au_FA550 (ppm)	523	6	517	9.7	45.50	25.05	21.70

9.2 Trenching

A number of shear zone targets exist on the Mon Property, principally transecting Kam Group rocks. The shear zones are defined in part by linear topographic lows, often with marginal schistose rocks, or geophysical or geological discontinuities.

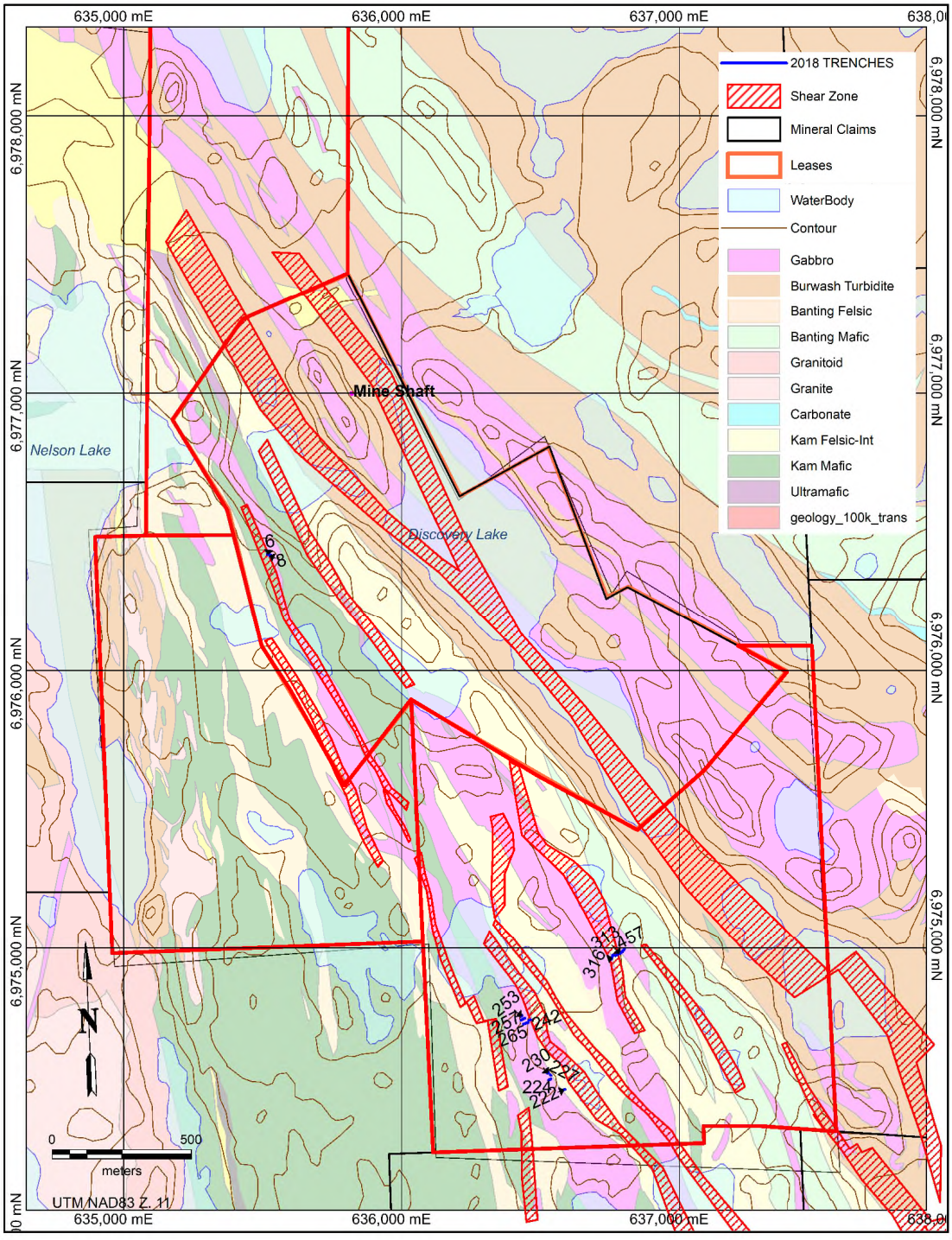


Figure 19. Location of inferred shear zones and trench locations.

Between September 4th to 17th 2018 a total of thirteen trenches totaling 164.5 m were created, mapped and sampled on Mineral Claim NDM-2 and Mining Lease NT 3010. Eight of the trenches were on the WMT, and three on the zone eastward of and parallel to

the WMT which is here referred to as the 6850 Zone. This comes from its location near 636800 mE and 6975000 mN, and so is located to the nearest hundred metres. The final two trenches were extensions of historic trenches on the WMT in NT 3010. A list of the trenches, together with their UTM zero-point, orientation, and length is summarized in the table below. Locations are shown on Figure 19. Location of inferred shear zones and trench locations.Figure 19**. Ma**ps of the individual trenches are shown below**.** All trenches were chip sampled and bagged in the field (130 samples from NDM-2, 14 samples from NT 3010) with a Bureau Veritas sample identification tag included. Standards and blanks were inserted in the sample stream.

Samples were delivered to Maxxam Analytics Depot (BV Group Co.) in Yellowknife, then shipped to Bureau Veritas laboratory in Vancouver. The samples were crushed and pulverized using Bureau Veritas procedure 70-250 and analyzed using Aqua-Regia ICP-ES/MS.

Table 14. Location of Trenches blasted in 2018 on Mon Property

Tr #	Claim	Zone	Easting	Northing	Azimuth	Length
T222	NDM-2	WMT	636,577	6,974,486	63	13.6
T224	NDM-2	WMT	636,529	6,974,526	60	10.3
T227	NDM-2	WMT	636,535	6,974,544	106	3.6
T230	NDM-2	WMT	636,525	6,974,550	60	11.4
T242	NDM-2	WMT	636,458	6,974,740	70	8.0
T253	NDM-2	WMT	636,430	6,974,755	53	7.8
T257	NDM-2	WMT	636,430	6,974,741	65	18.0
T265	NDM-2	WMT	636,439	6,974,727	70	18.0
T313	NDM-2	6850	636,770	6,974,973	59	26.9
T316	NDM-2	6850	636,761	6,974,975	24	16.7
T457	NDM-2	6850	636,795	6,974,986	42	15.3
T6 Ext	NT3010	WMT	635,524	6,976,425	241	10.0
T8 Ext	NT3010	WMT	636,525	6,976,415	65	5.1

The trenched area of the WMT in southwestern NDM-2 is underlain principally by massive to foliated medium- to coarse-grained gabbro, whose “primary” mineralogy consists of black amphibole (hornblende), white-gray plagioclase, with or without magnetite. Locally it can be strongly magnetic. Minor, more felsic intrusive rocks (diorite) occur in the area, principally as irregular-shaped patches within the darker gabbroic rocks. Little of these were observed in the trench mapping.

As mapped in the trenches, the gabbros pass into a variety of schists with increasing intensity of deformation and alteration. From least altered and deformed to most altered and deformed, these can be summarized as follows:

- foliated to schistose hornblende-actinolite-feldspar-quartz-biotite-chlorite-(magnetite), trace to 0.5% sulphides;
- fine- to medium-grained quartz-biotite-garnet-magnetite-hornblende-actinolite

schist, trace to 3%sulphides;
- fine- to medium-grained quartz-biotite rock (+/-garnet, magnetite), 1-5% sulphides;
- coarse-grained quartz-biotite schist, heavily quartz veined, with high sulphides (1-10%).

In general, actinolite forms an incomplete replacement of hornblende in the gabbros, and may either represent a retrograde metamorphism or metasomatism. In contrast, biotite clearly represents a metasomatic replacement of hornblende, and many stages from early, partial replacement to 100% replacement can be observed with increasing alteration and deformation. Likewise, quartz, garnet, magnetite and sulphides also represent metasomatic alteration.

The fine-grained schists can be laminated or non-laminated. The laminated variety hosts a high percentage of deformed quartz stringers and, to a lesser extent, quartz-carbonate stringers, which consist of repetitive, layer-parallel laminae, 0.2-0.5 cm thick, giving the schist a striped appearance. Structural trends are consistent with previous data. Foliation trends and contacts tend to be subparallel over large areas, and tend to be oriented 320o to 340^{o}, with some exceptions, and tend to be near vertical. The complex folding history of the region can be seen in outcrop, with multiple fold events evident in some of the trenches and elsewhere in outcrop. As such, connecting distinctive zones between trenches is an effort in simplification and will require detailed studies in the future.

T222

The southern-most of the trenches on the WMT was the least mineralized of the WMT trenches, and the only one to contain fine-grained, granular biotite-quartz-feldspar rocks interpreted as mafic to intermediate volcanic rocks, which underlie the east end of the trench. The trench hosts two sulphide-bearing, quartz biotite schist-quartz vein zones, from 4.5 m to 6.5 m, and from 9 m to 11 m: both zones host up to 2-3% arsenopyrite, pyrite, and pyrrhotite. A third deformation zone near the west end of the trench, a mylonite zone, is not well mineralized, hosting trace disseminated arsenopyrite. Least altered gabbro occurs on the west end but contains biotite as partial replacement of hornblende.

Table 15. Trench T22 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T222	3195695	0	1	1.0	3.6	175
T222	3195696	1	2.5	1.5	45.1	75
T222	3195697	2.5	4	1.5	126.8	104
T222	3195698	4	4.7	0.7	1.2	69
T222	3195699	4.7	5.4	0.7	41.4	30
T222	3195701	5.4	6.0	0.6	6259.2	725
T222	3195702	6.0	7	1.0	17.1	56
T222	3195703	7	8	1.0	3.9	35
T222	3195704	8	9	1.0	5.3	60

T222	3195705	9	10	1.0	69.5	189
T222	3195706	10	11	1.0	68.5	144
T222	3195707	11	12	1.0	5.2	219
T222	3195708	12	13	1.0	4.7	214
T222	3195709	13	13.5	0.5	0.2	91

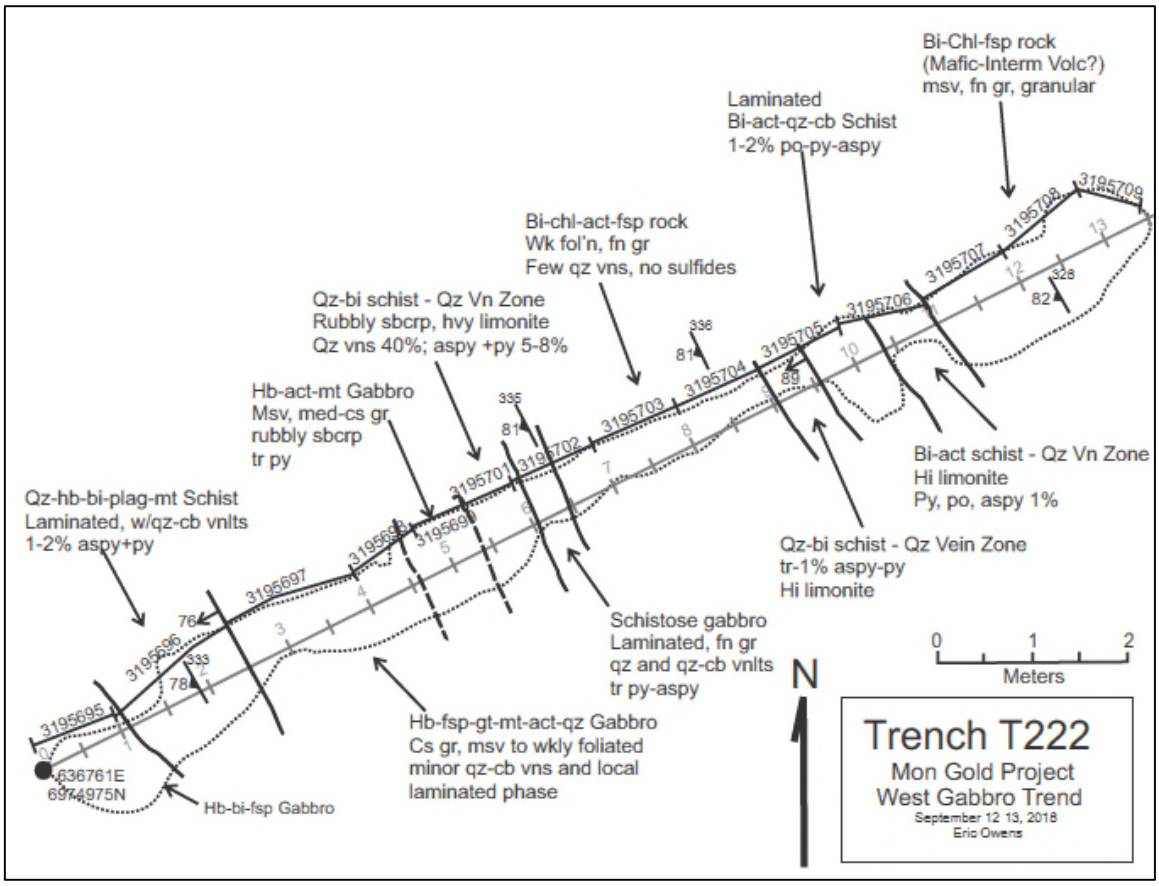


Figure 20. Trench 222 plan.

T224

There are two 50 cm wide gossanous quartz vein-biotite schist zones between 5.2 m and 7.6 m, with high limonite plus arsenopyrite and pyrite to 1-2%, although estimates of sulphide volume are masked by the limonite. Host rocks for these zones are laminated hornblende-actinolite-biotite-quartz-carbonate schists with trace to 1% pyrite, pyrrhotite, chalcopyrite, and arsenopyrite. These schists grade outward, to the east and west to weakly foliated to massive gabbro.

Table 16. Trench T224 samples.

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T224	3195684	0	1	1.0	5.3	83
T224	3195685	1	1.8	0.8	404.4	13858

T224	3195686	1.8	3	1.2	5.6	161
T224	3195687	3	4	1	2.4	167
T224	3195688	4	5	1	3.3	123
T224	3195689	5	6.2	1.2	1128.6	576
T224	3195691	6.2	7	0.8	11.4	261
T224	3195692	7	7.6	0.6	4037.3	1082
T224	3195693	7.6	8.5	0.9	4.4	159
T224	3195694	8.5	10.4	1.9	4	64

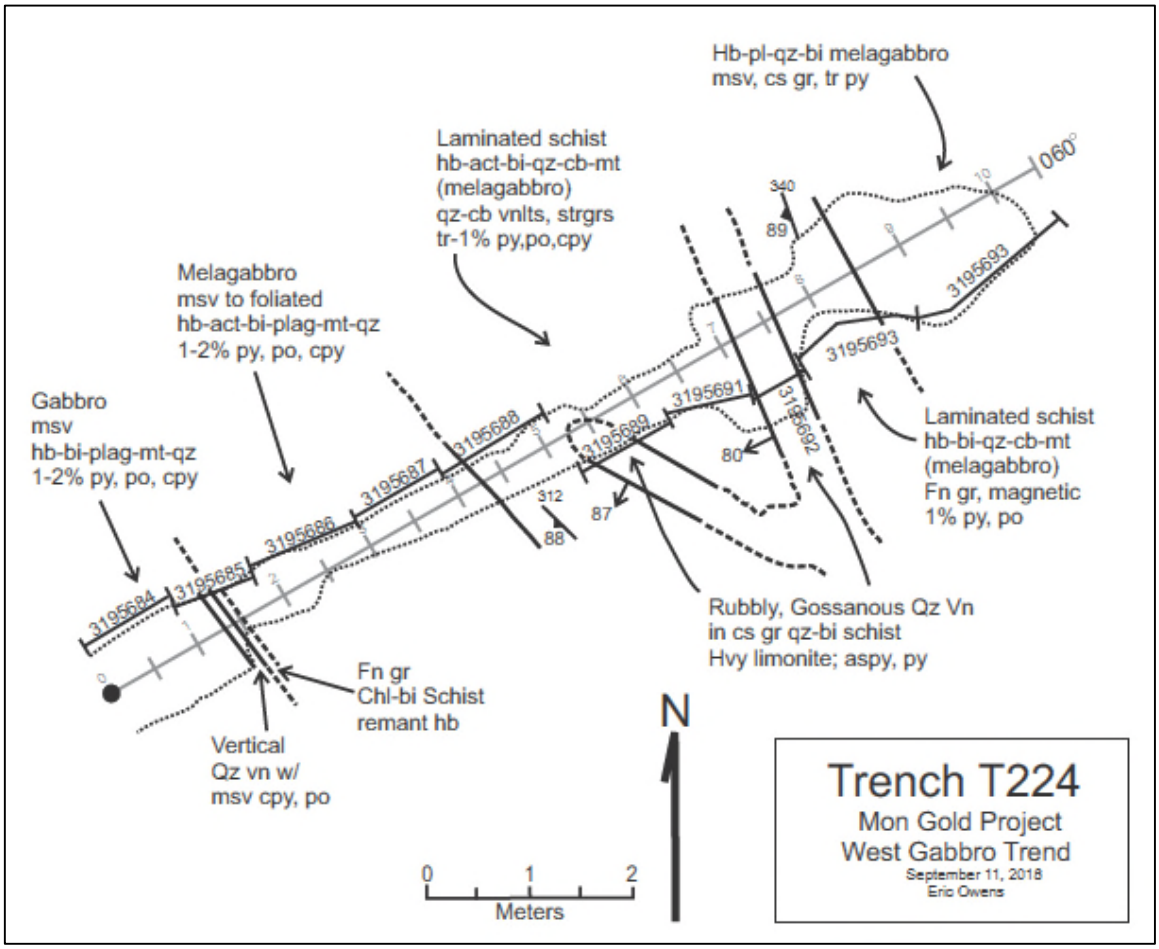


Figure 21. Trench 224 plan.

T227

The central mineralized zone in this short trench extends from 0.8 m to 3.0 m, is hosted by laminated, but coarse-grained quartz-biotite schist with abundant quartz veinlets. The outcrop is rubbly, the mineralized zone is limonite-rich, locally gossanous, and few sulphides are visible (mostly pyrite). This zone is bounded on both sides by foliated to massive, coarse-grained gabbro, with trace disseminated pyrite.

Table 17. Trench T227 samples

Trench	Sample	From	To	Length	Gold (ppb)	Silver

		(m)	(m)	(m)		(ppb)
T227	3195678	0	0.8	0.8	15.3	160
T227	3195679	0.8	1.4	0.6	9111.2	2219
T227	3195681	1.4	2.0	0.6	1601	592
T227	3195682	2.0	3.0	1.0	675.3	293
T227	3195683	3.0	3.8	0.8	12.5	149

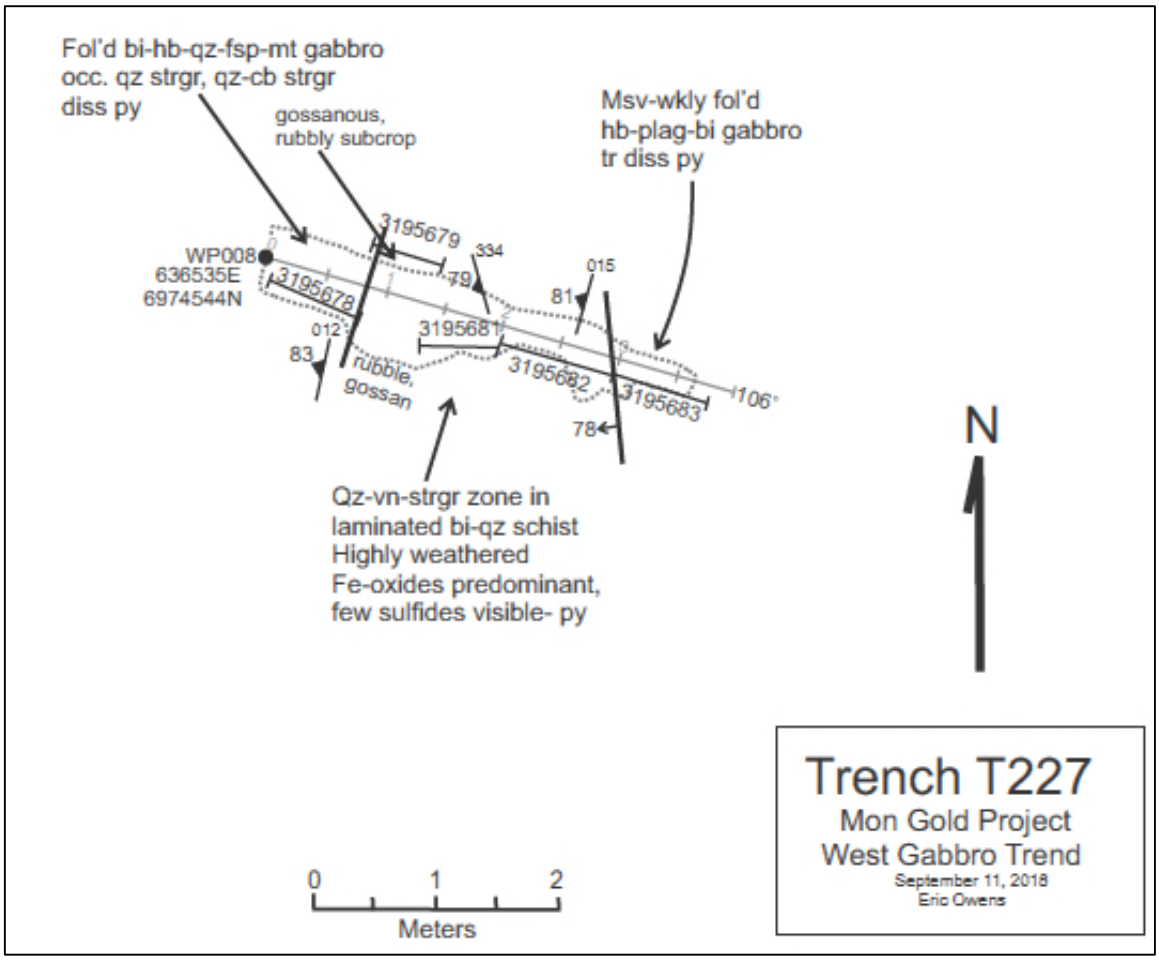


Figure 22. Trench 227 plan

T230

This 11.6 m long trench is underlain by a broad deformed and altered zone approximately 9 m wide, consisting of a variety of sulphide-and biotite-garnet-bearing schists, in between the end points of massive to weakly foliated, coarse-grained gabbro. The most intense zone, toward the west end of the trench, extends from 0.8 m to 3.8 m, and consists of quartz vein-laden, coarse-grained quartz biotite schist, with up to 8% arsenopyrite and pyrite. There is then 5 m of fine- to medium-grained, laminated to non-laminated quartz-biotite-actinolite-(hornblende)-garnet-magnetite-carbonate schist, hosting trace to 1% pyrite, arsenopyrite, and pyrrhotite.

Table 18. Trench T230 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T230	3195664	10.4	10.6	0.2	30	570
T230	3195665	10.0	10.4	0.4	13.9	134
T230	3195666	8.6	10.0	1.4	4.3	220
T230	3195667	7.5	8.6	1.1	4.5	60
T230	3195668	6.5	7.5	1.0	6.7	35
T230	3195669	5.2	6.5	1.3	1.6	68
T230	3195671	4.5	5.2	0.7	3.7	81
T230	3195672	3.8	4.5	0.7	<0.2	54
T230	3195673	3.0	3.8	0.8	<0.2	69
T230	3195674	2.0	3.0	1.0	492	153
T230	3195675	0.8	2.0	1.2	36	98
T230	3195676	0	0.8	0.8	1	43
T230	3195677	10.6	11.3	0.7	5.3	89

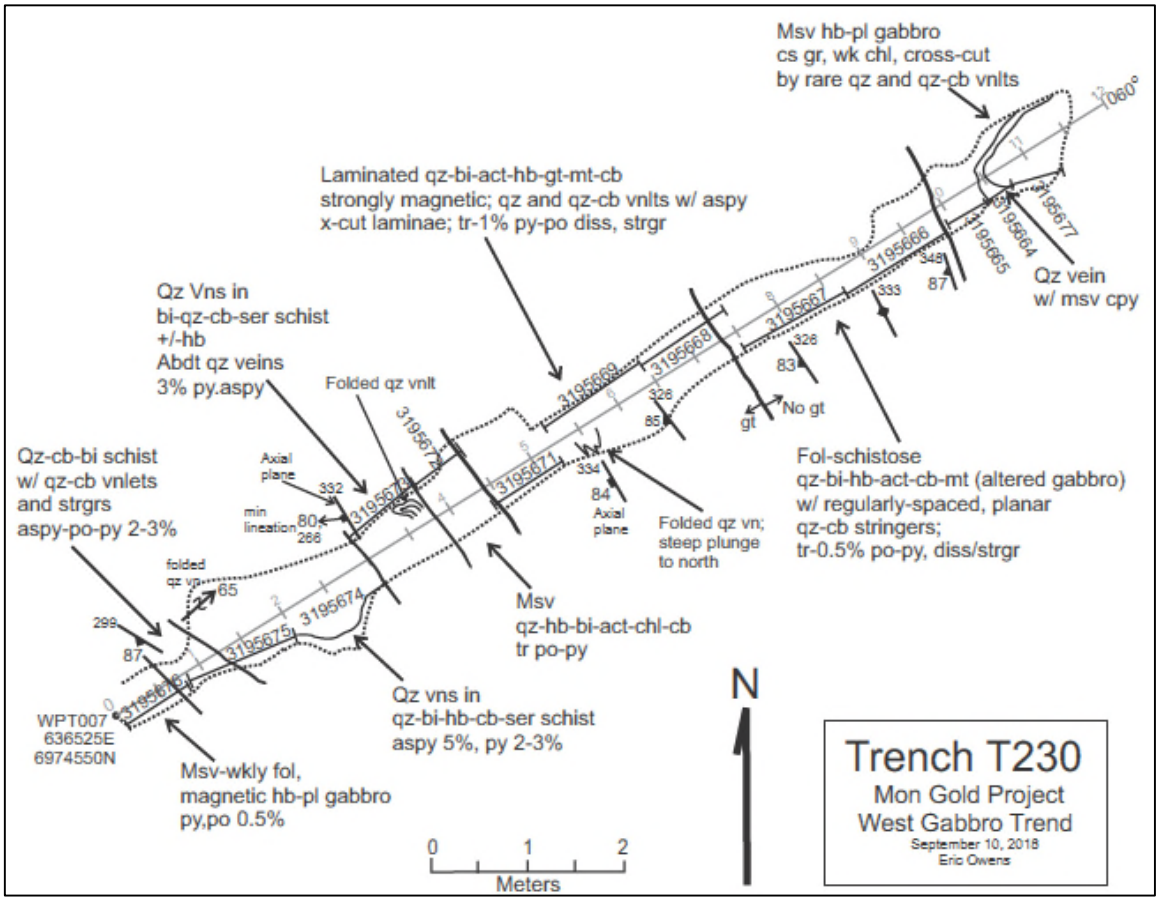


Figure 23. Trench 230 plan.

T253

A well-defined alteration and deformation zone occurs from 0 m to 5.7 m as defined by

schistose fabrics, biotite-bearing rock and elevated sulphides: two sulphide- and quartz vein-bearing schist zones with 2-3% arsenopyrite and pyrite sandwich a weakly foliated biotite-quartz rock with 1-3% pyrrhotite and pyrite. Unaltered and undeformed gabbro occurs on the east end.

Table 19. Trench 253 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T253	3195657	7.0	8.0		1.1	74
T253	3195658	6.5	7.0		1.1	78
T253	3195659	4.5	6.5		30.3	53
T253	3195661	2.2	4.5		2.5	57
T253	3195662	1.2	2.2		860.4	97
T253	3195663	0	1.2		0.3	31

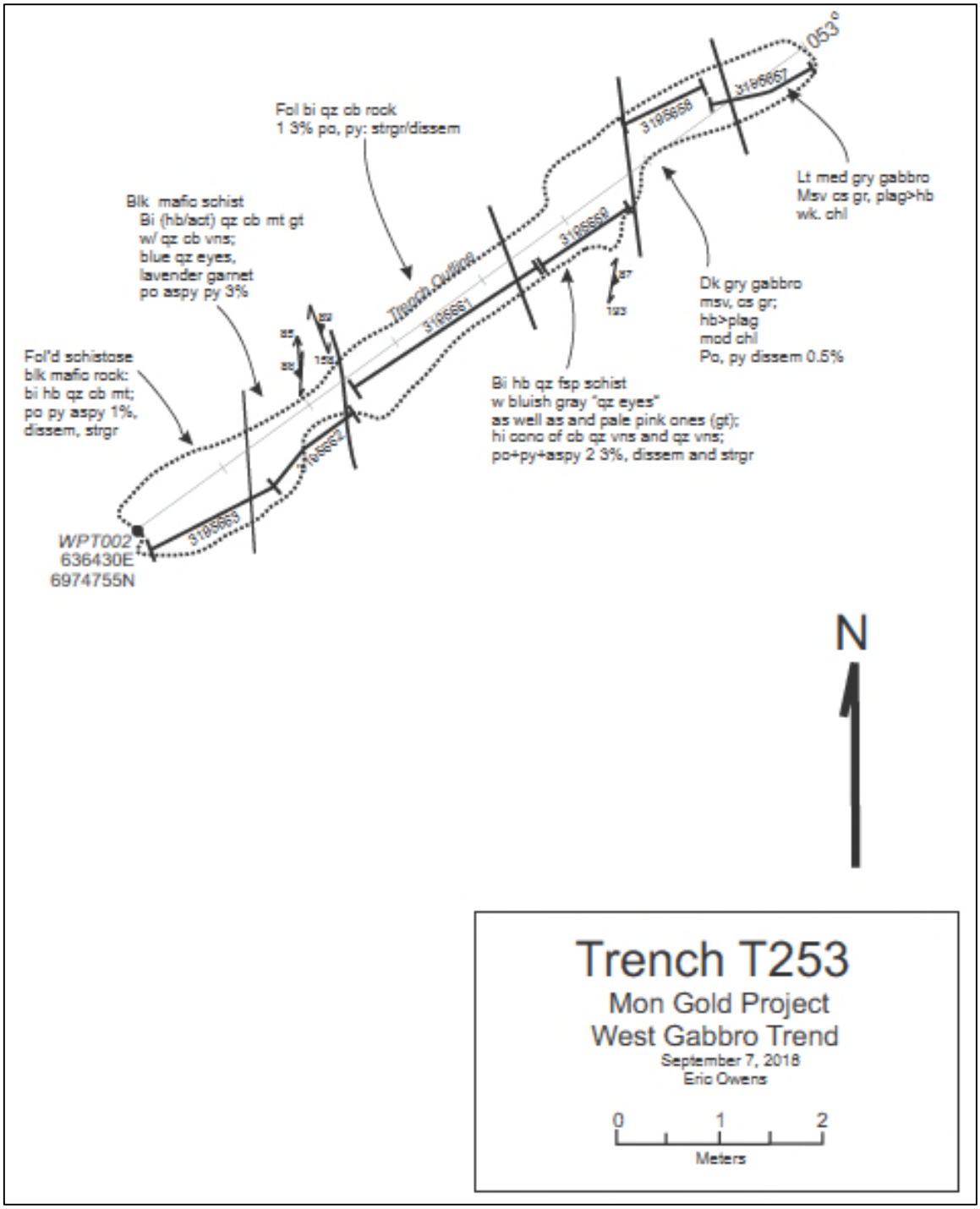


Figure 24. Trench 253 plan

T242, T257, T265

These three trenches show similar geological characteristics. In particular, Trench T257 has a 4 m arsenopyrite-bearing zone between 8 m and 12 m, with high quartz veins, biotite and arsenopyrite, surrounded by foliated garnet- and sulphide-bearing amphibolite. Trench

T265 hosts 4 zones of more intense alteration/deformation, with a zone between 5 m and 9 m of elevated silicification and sulphides.

Table 20. Trench 242, T257, and T265 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)	Description
T242	3195063	0.0	1.8	1.8	4.7	74	weakly foliated coarse-grained dark green chl, bio-bearing amphibolite, tr po.
T242	3195064	1.8	2.2	0.4	3.1	38	weakly foliated coarse-grained dark green qtz chl, bio-bearing amphibolite, minor po.
T242	3195065	2.2	4.6	2.4	2.3	89	weakly foliated coarse-grained dark green chl, bio-bearing amphibolite, tr po.
T242	3195066	4.6	6.0	2.4	12.9	266	well foliated chl, carb, bio schist with qtz seams, po. to 1%, tr cpy, aspy
T257	3195040	0.0	2.1	2.1	<0.2	34	moderately foliated dark green to black chl, carb-bearing amphibolite with minor qtz and up to 2% po., tr aspy
T257	3195041	2.1	3.0	0.9	<0.2	69	moderately foliated dark green to black chl, carb-bearing amphibolite with qtz and up to 1% py + po.
T257	3195042	3.0	5.0	2.0	16.9	41	moderately foliated dark green to black amphibolite with minor qtz, bio. Trace py, po., cpy.
T257	3195043	5.0	6.7	1.7	<0.2	40	weakly foliated coarse-grained dark green to black amphibolite, minor pale pink subhedral 2 to 4 mm garnets. trace po.
T257	3195044	6.7	8.0	1.3	<0.2	23	weakly foliated coarse-grained dark green to black amphibolite, minor pale pink subhedral 2 to 4 mm garnets. trace po.
T257	3195045	8.0	10.0	2.0	<0.2	45	weakly foliated coarse-grained dark green to black amphibolite, minor pale pink subhedral 2 to 4 mm garnets. Minor lenticular po.to 0.5%, tr aspy
T257	3195046	10.0	12.4	2.4	257.6	58	moderately foliated dark green to black amphibolite with qtz to 10% bio to 10%, tr aspy., po.
T257	3195047	12.4	14.4	2.0	16.2	42	weakly foliated coarse-grained

							dark green to black amphibolite, 1-3% bio, trace po.
T257	3195048	14.4	15.1	0.7	2.7	29	White qv with no visible sulphides, no visible inclusions.
T257	3195049	15.1	18.0	1.9	4.2	61	weakly foliated coarse-grained dark green to black, wkly chl. amphibolite, trace po. cpy.
T265	3195051	0.0	2.0	2.0	<0.2	23	coarse-grained dark green to black amphibolite with patches of epidote, trace po.
T265	3195052	2.0	3.8	1.8	<0.2	17	moderately foliated dark green to black amphibolite with minor qtz and po.
T265	3195053	3.8	4.4	0.6	0.7	25	weakly foliated coarse-grained dark green to black amphibolite, trace po.
T265	3195054	4.4	6.4	2.0	5958.3	220	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite, 0.5% po., tr aspy.
T265	3195055	6.4	8.3	1.9	193	38	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite, up to 2% po., tr aspy.
T265	3195056	8.3	9.3	1.0	6.8	71	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite, minor po. Cpy. aspy.
T265	3195057	9.3	10.2	0.9	16.7	762	malachite-stained white qtz in dark green qtz, chl, bio-bearing amphibolite
T265	3195058	10.2	12.2	2.0	21.9	107	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite
T265	3195059	12.2	14.2	2.0	3.7	90	weakly foliated coarse-grained dark green to black amphibolite
T265	3195061	14.2	16.0	1.8	11.6	109	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite
T265	3195062	16.0	18.0	2.0	226.7	115	weakly foliated coarse-grained dark green qtz, chl, bio-bearing amphibolite, minor cpy-py-po

6850 Zone

T313

The southwest 17.3 m of the 26.9 m northeast-trending long trench are underlain by relatively unaltered and apparently undeformed felsic volcanic rocks and intermediate,

garnet-bearing volcanic rocks. Sulphides, biotite and quartz vein content increases beyond this to 21.75 m, which marks the western end of the 5 m long rubbly gossan zone. The gossan zone consists of iron (and other) oxides and quartz (veins), with remnant quartz-biotite-pyrite-arsenopyrite schist. This gossan zone is bounded on the west by sulphide bearing biotite-chlorite-garnet granofels and on the east by sulphide-bearing quartz-biotite granofels, the latter which extends for another 13 m in adjacent Trench T457.

Table 21. Trench T313 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T313	3195731	0	2.0	2.0	5.5	65
T313	3195732	2.0	4.0	2.0	1.1	38
T313	3195733	4.0	6.0	2.0	<0.2	12
T313	3195734	6.0	8.0	2.0	1.7	12
T313	3195735	8.0	10.0	2.0	2.4	27
T313	3195736	10.0	11.0	1.0	0.5	13
T313	3195737	11.0	12.0	1.0	384.1	28
T313	3195738	12.0	13.0	1.0	2	25
T313	3195739	13.0	14.0	1.0	1.3	85
T313	3195741	14.0	15.3	1.3	5.1	134
T313	3195742	15.3	16.3	1.0	3.7	53
T313	3195743	16.3	17.5	1.2	1.6	80
T313	3195744	17.5	18.5	1.0	0.8	45
T313	3195745	18.5	19.2	0.7	1.1	74
T313	3195746	19.2	20.1	0.9	1.6	171
T313	3195747	20.1	21.1	1.0	5.6	209
T313	3195748	21.1	22.0	1.0	2.2	126
T313	3195749	22.0	23.0	1.0	3.5	199
T313	3195751	23.0	24.0	1.0	4.1	405
T313	3195752	24.0	25.0	1.0	3.8	326
T313	3195753	25.0	26.0	1.0	1.1	57
T313	3195754	26.0	26.8	0.8	0.9	58

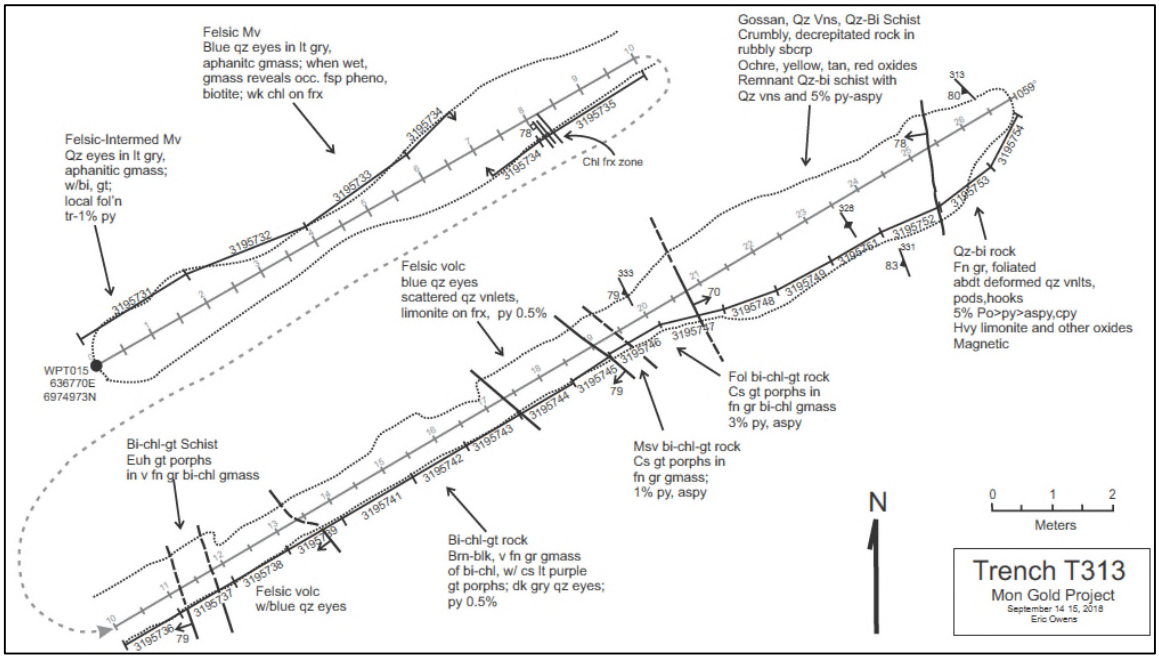


Figure 25. Trench 313 plan

T316

The southern end of T316 consists of a well-mineralized fold-axis, between about 10.9 m to the southern end of the trench at 16.7 m. The fold axis, oriented approximately N, at an acute angle to the trench, clearly controls the mineralization: the felsic volcanic rocks, which underlie the northern 12 m of the trench, are not well mineralized until close proximity to the fold axis. In the axial region south of metre 12, arsenopyrite comprises 5-10% of the rock, and quartz veining is abundant. Separately, a notable occurrence of massive arsenopyrite also occurs at the north end in felsic volcanic rock, close to where the trench gets buried beneath soil.

Table 22. Trench T316 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T316	3195711	0	0.7	0.7	2605.7	70
T316	3195712	0.7	1.4	0.7	12.3	32
T316	3195713	1.4	2.5	1.1	12.7	84
T316	3195714	2.5	3.5	1.0	<0.2	41
T316	3195715	3.5	4.5	1.0	48.8	48
T316	3195716	4.5	5.5	1.0	2.9	25
T316	3195717	5.5	6.6	1.1	2	35
T316	3195718	6.6	7.7	1.1	3	39
T316	3195719	7.7	8.8	1.1	0.9	32
T316	3195721	8.8	10.0	1.2	2	56
T316	3195722	10.0	11.0	1.0	11.5	23
T316	3195723	11.0	11.5	0.5	1729.1	142

T316	3195724	11.5	12.2	0.7	135.8	45
T316	3195725	12.2	13.5	1.3	769.5	192
T316	3195726	13.5	14.3	0.8	2081.9	203
T316	3195727	14.3	15.2	0.9	8268.8	294
T316	3195728	15.2	16.3	1.1	3572.1	233
T316	3195729	16.3	16.7	0.4	49.5	19

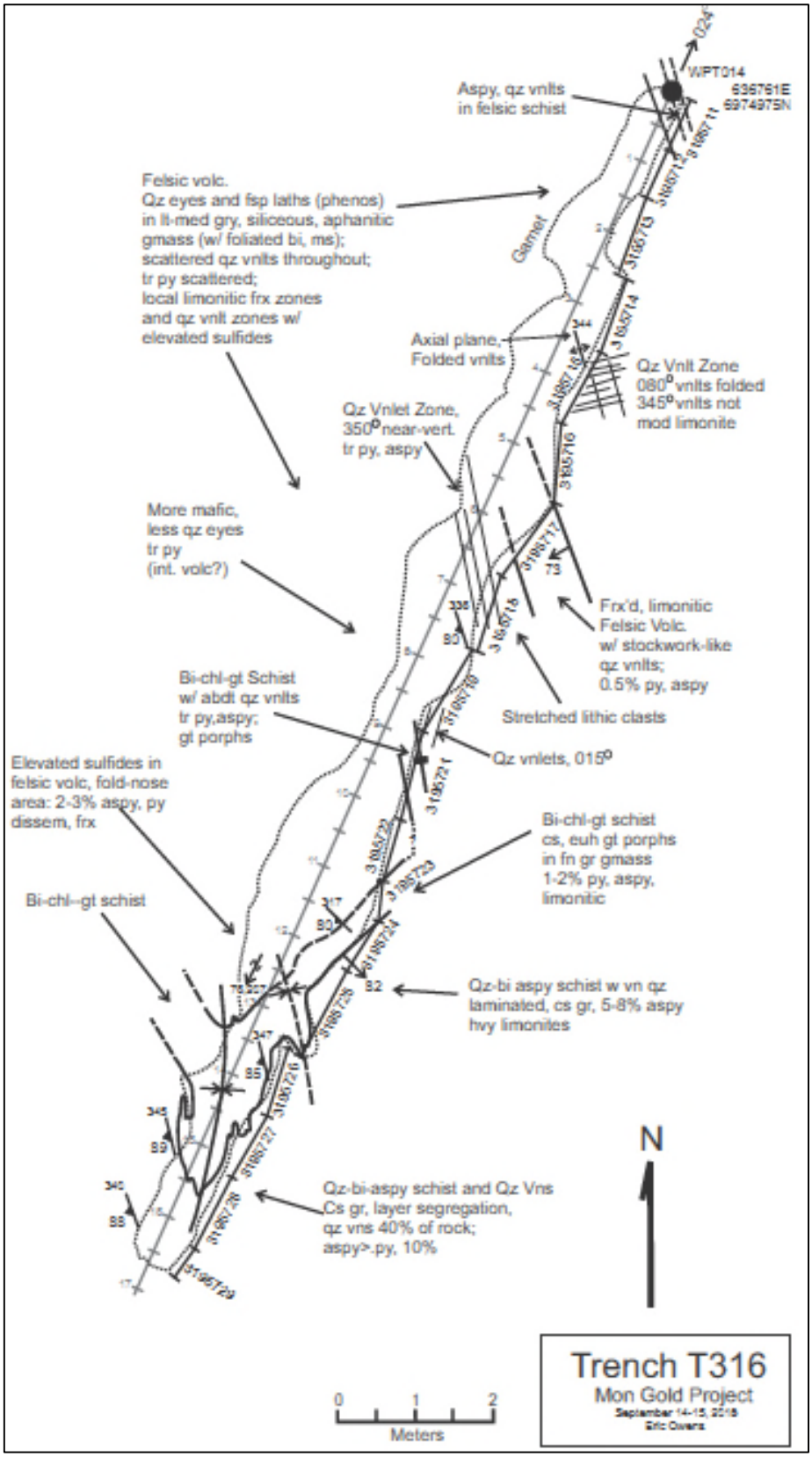


Figure 26. Trench 316 plan

T457

A continuation of T313 geology, as a sulphide-rich, silicified quartz-biotite (+/-garnet, actinolite) rock, locally heavily veined and schistose, occurs from 0 m to 13.4 m. Pyrrhotite = pyrite > chalcopyrite = arsenopyrite comprise 3-5% of the rock over the length of the interval. The rock is heavily covered with red, tan, ochre limonitic weathering products. From 13.4 m to the end of the trench at 15.3 m, is mafic volcanic. Combined with T313, the rocks here express a wide zone of alteration and sulphide mineralization more than 22 m wide (including the metre between the trenches).

Table 23. Trench T457 samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T457	3195755	-1.0	0	1.0	1.1	66
T457	3195756	0	1.0	1.0	2.8	112
T457	3195757	1.0	2.2	1.2	0.3	30
T457	3195758	2.2	3.3	1.1	0.2	33
T457	3195759	3.3	4.4	1.1	1.6	50
T457	3195761	4.4	5.4	1.0	2.8	42
T457	3195762	5.4	6.4	1.0	3.4	91
T457	3195763	6.4	7.4	1.0	1.2	54
T457	3195764	7.4	8.5	1.1	1.1	60
T457	3195765	8.5	9.5	1.0	<0.2	25
T457	3195766	9.5	10.5	1.0	1.9	91
T457	3195767	10.5	11.5	1.0	1.2	50
T457	3195768	11.5	12.5	1.0	2.7	85
T457	3195769	12.5	13.5	1.0	1.6	66
T457	3195771	13.5	14.5	1.0	0.4	37
T457	3195772	14.5	15.3	0.8	3.0	118

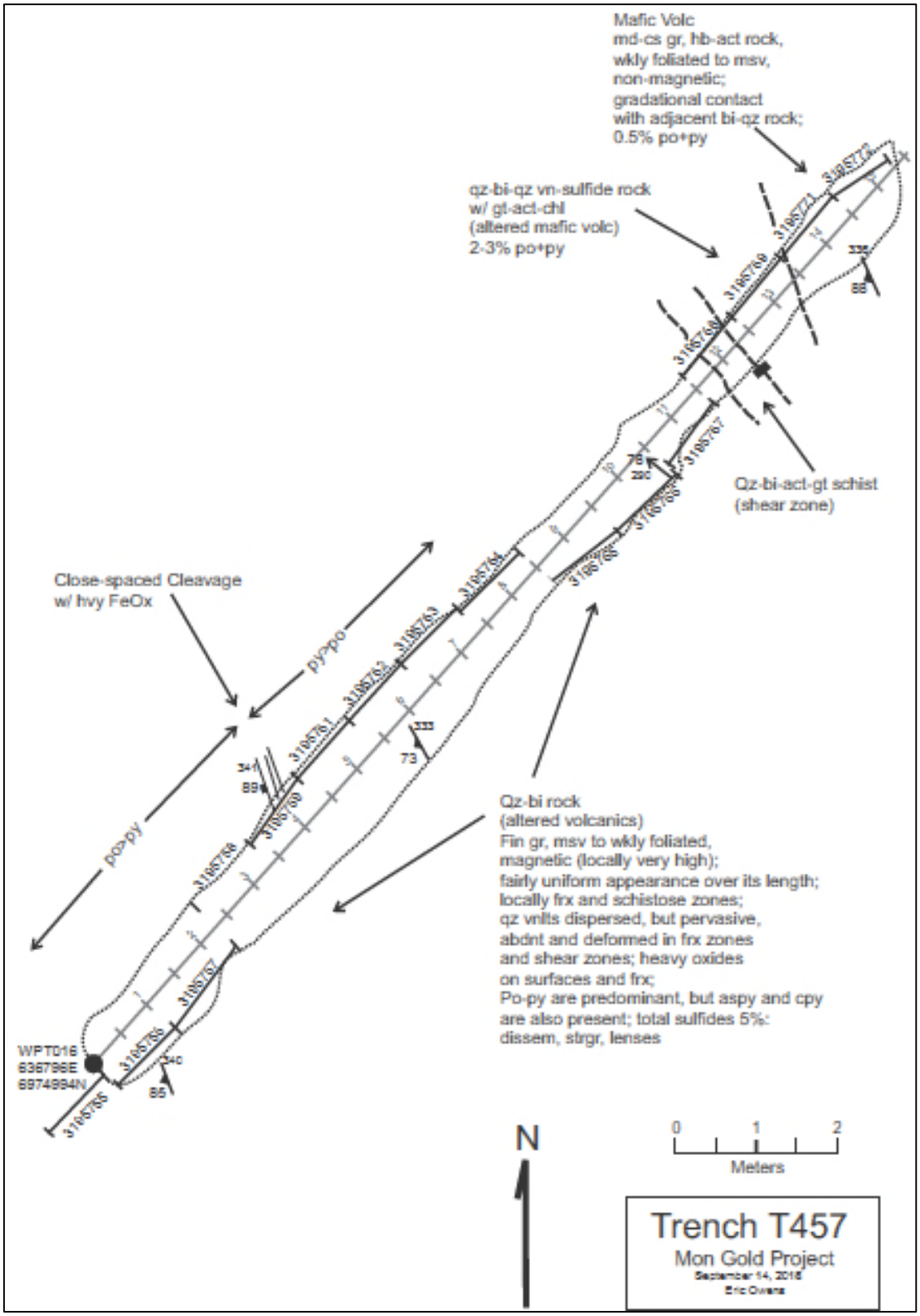


Figure 27. Trench 457 plan

5564 Zone of WMT

T6 Ext

The principal mineralized zone is a 1.7 m wide arsenopyrite and galena-bearing zone at the western end of the trench, from 8.3 m until it gets buried under the end of the trench at 10.0 m. However, there is a sulphide-bearing alteration zone and schist that is 5.2 m wide, from 3.1 to 8.3 m: hornblende-actinolite-biotite- quartz-garnet-chlorite and quartz-biotite-magnetite-garnet schists trace to 1% pyrite, pyrrhotite and arsenopyrite. The eastern end of the trench consists of laminated schist and massive gabbro. Historically, this is an extension on to the W Zone that Cominco reported to grade of 4.46 gpt across 0.91 m (Goad 1989).

Table 24. Trench T6 Extension samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T6Ext	3195773	0.0	1.3	1.3	Tr	Tr
T6Ext	3195774	1.3	2.8	1.5	Tr	Tr
T6Ext	3195775	2.8	3.8	1.0	Tr	Tr
T6Ext	3195776	3.8	4.8	1.0	Tr	Tr
T6Ext	3195777	4.8	5.8	1.0	440.9	Tr
T6Ext	3195778	5.8	6.8	1.0	Tr	Tr
T6Ext	3195779	6.8	7.8	1.0	Tr	Tr
T6Ext	3195781	7.8	8.8	1.0	191.8	135
T6Ext	3195782	8.8	10.0	1.2	15,943	11,176

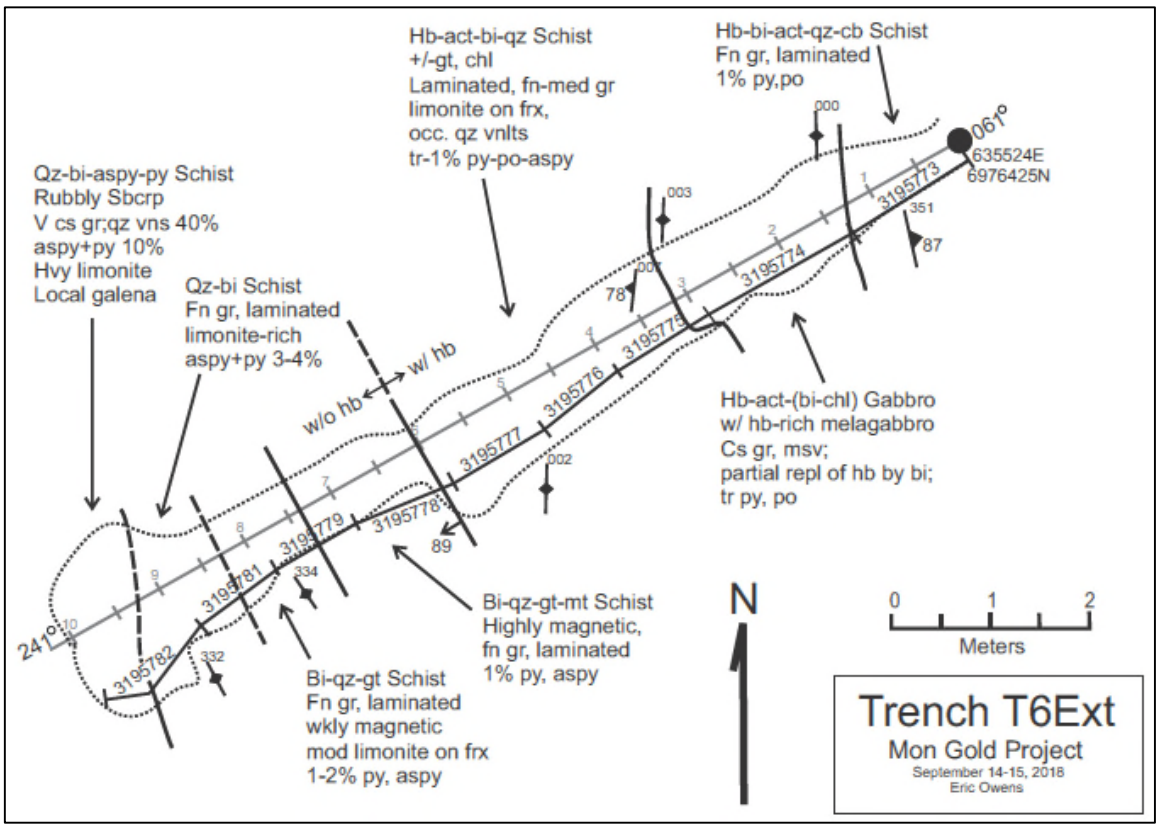


Figure 28. Trench 6 extension plan

T8 Ext

This trench is a short (5 m long) extension that is relatively well mineralized over 4.5 m of its 5 m length. The most intense mineralization occurs from its origin at 4.5 m to 7.8 m, a 3.3 m interval of strong limonite, high quartz veins and deformation (schistosity). Sulphides (pyrite, arsenopyrite and pyrrhotite) comprise trace to 2%; probably their original concentration was higher, but is partially masked by the elevated limonite. The eastern end of the trench is underlain by relatively massive, unaltered gabbro. Results from mineralized zones within the NDM-2 trenches are summarized in the table below. This correlates as an extension to the X Zone of Cominco which historically had been trenched to grade of 6.86 gpt gold over 0.80 m (Goad, 1989).

Table 25. Trench T8 Extension samples

Trench	Sample	From (m)	To (m)	Length (m)	Gold (ppb)	Silver (ppb)
T8Ext	3195783	4.5	5.6	1.1	587.4	151
T8Ext	3195784	5.6	6.6	1.0	419.7	182
T8Ext	3195785	6.6	7.6	1.0	10.8	116
T8Ext	3195786	7.6	8.6	1.0	Tr	Tr

T8Ext	3195787	8.6	9.6	1.0	Tr	Tr

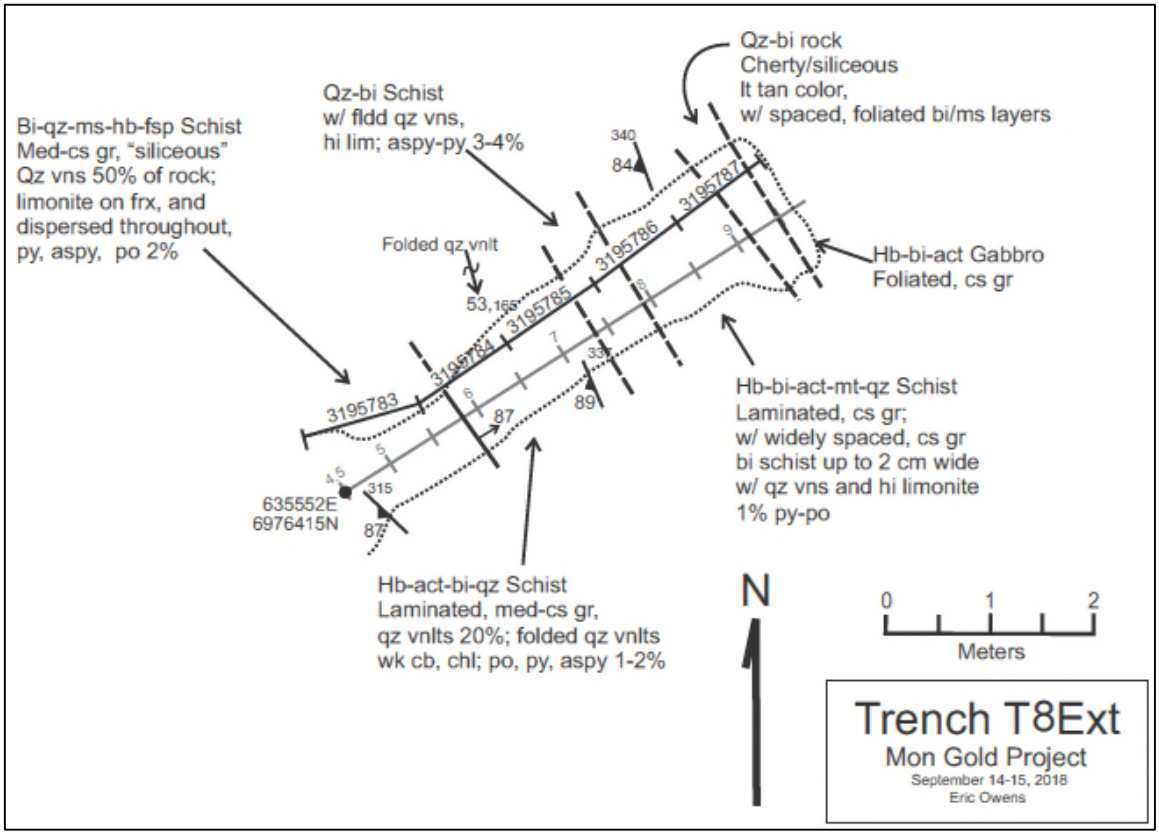


Figure 29. Trench 8 extension plan

9.3 Carbon Isotope Study

Carbon isotopes on carbonates provide information about the source and oxidation state of the fluids that were present during mineral formation. Carbonates are the dominant mineral formed during the deposition of Archean gold deposits and therefor provide a large target for sampling (Webb, 1992).

A total of nine rock samples were collected marginal to inferred shear zones on the Mon Property and submitted to Bureau Veritas Laboratories who subcontracted the analysis to Queens University in Kingston Ontario.

The $\delta^{13}C$ and $\delta^{18}O$ ratios of calcite were extracted from the rock and analyzed on a Thermo-Finnegan Delta^{Plus} XP Continuous Flow Isotope-Ratio Mass Spectrometer (CF-IRMS). The results are reported per mil relative to the Vienna Pee Dee Belemnite (VPDB) and Vienna Standard Mean Ocean Water (VSMOW) respectively.

Table 26. Light stable isotope results.

Sample Identification	$\delta^{13}C$ ‰ vs. VPDB	$\delta^{18}O$ ‰ vs. VSMOW

NDM-WK-217	-1.2	18.6
NDM-WK-218	-3.1	14.2
NDM-WK-219	Insufficient % carbonate	
NDM-WK-224	Insufficient % carbonate	
NDM-WK-226	-3.0	17.3
NDM-WK-227	Insufficient % carbonate	
NDM-WK-247	-2.8	14.5
NDM-WK-266	-3.2	15.7
NDM-WK-267	-3.8	15.2
NDM-WK-446	Insufficient % carbonate	
M18-LD-56	-3.2	15.3
3195035	-1.0	15.4
3195036	-4.5	13.9
3195039	-2.8	15.2

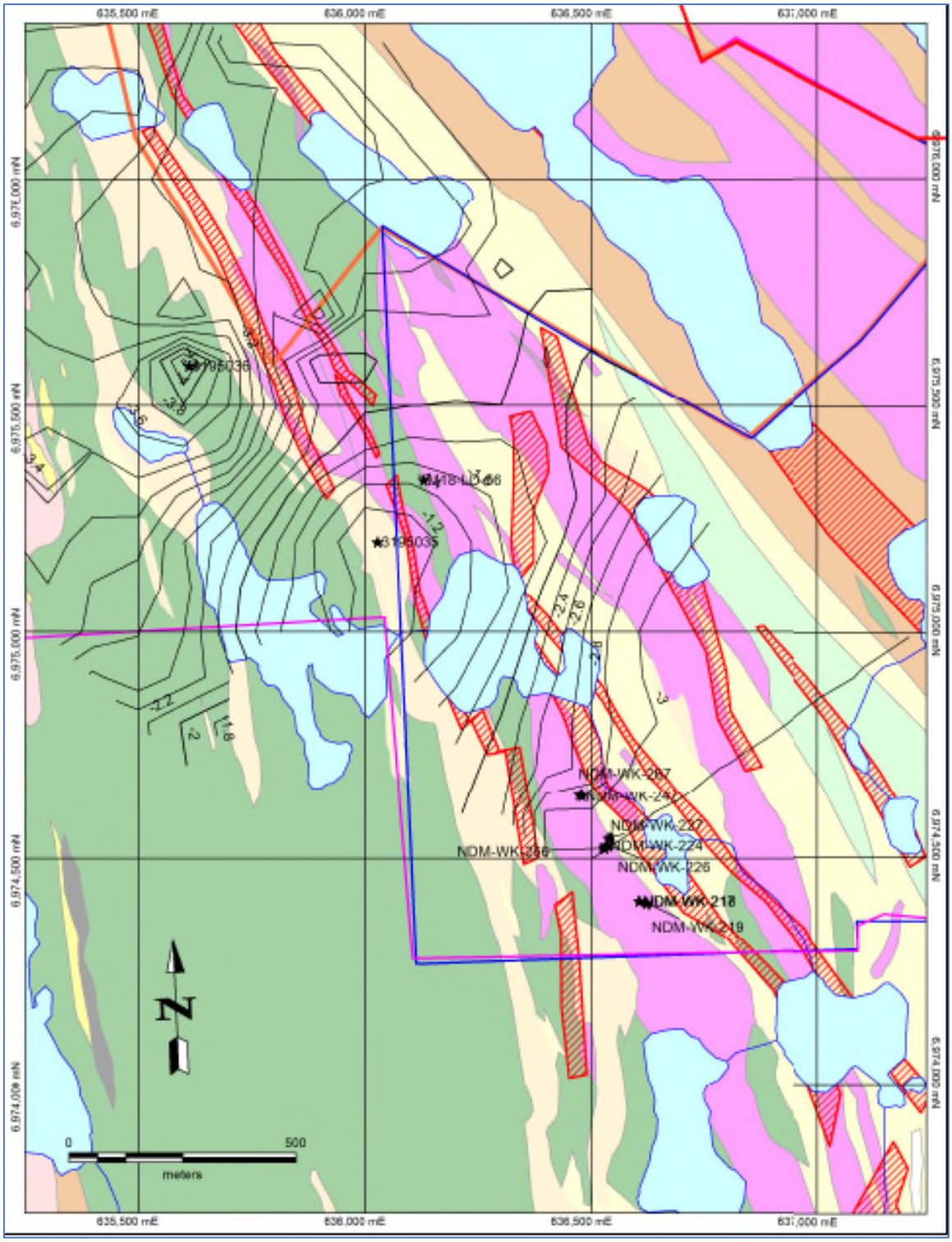


Figure 30. Contoured $\delta^{13}C$ in calcite distribution in per mil (VPDB).

Established findings re carbonate in Archean terranes include:

1. Carbonate is pervasive in altered rocks related to gold mineralization in most Archean gold belts, and typically extends well beyond the ore-bearing structures.
2. The carbon isotope source is generally from a uniform source.
3. Deviation in the carbon isotopic signature in carbonates is likely due to local deviation in the redox state of the gold bearing fluids.
4. Gold may be concentrated in hydrothermal systems where the redox state of the fluids are sharply altered.
5. At the Con Mine, large gold deposits are located where the generally low C13 (depleted) carbonates (-4.5 to -5.5 per mil) occur adjacent to areas of more enriched C13 carbonates (-3.0 to -1.5 per mil).

From the limited carbon isotope work on the Mon and adjacent claims it is apparent that:

1. Carbonate can be found in altered rocks associated with gold mineralization.
2. The distribution of $\delta^{13}C$ shows a generally uniform base (-2.8 to -4.5 per mil for 8 of 10 samples) with sharp enrichments to -1.0 and -1.2 outlining prospective target areas.
3. The elevated $\delta^{13}C$ from samples 3195035 and M18-LD-56 show a significant deviation from a uniform depositional environment, typical of a redox fluctuation.
4. Shear zones between these samples and the samples that are <-3 $\delta^{13}C$ are prospective.

9.4 Rare Earth Elements

Five samples were collected from least altered volcanic rocks in an attempt to characterize the rocks as Kam or Banting Group equivalents.

The results of the five samples were normalized to the primitive mantle analysis of Sun and McDonough (1989) for ease of comparison with previous studies within the Yellowknife Greenstone Belt. A common characteristic of Kam Group rocks not found in Banting Group rocks is the Eu depletion. The patterns plotted in Figure 32 show a very poorly developed but persistent Eu depletion, except for sample 3195772 which also shows the strongest heavy REE depletion. Based on the pattern of the four other samples they are considered equivalent to Kam Group rocks.

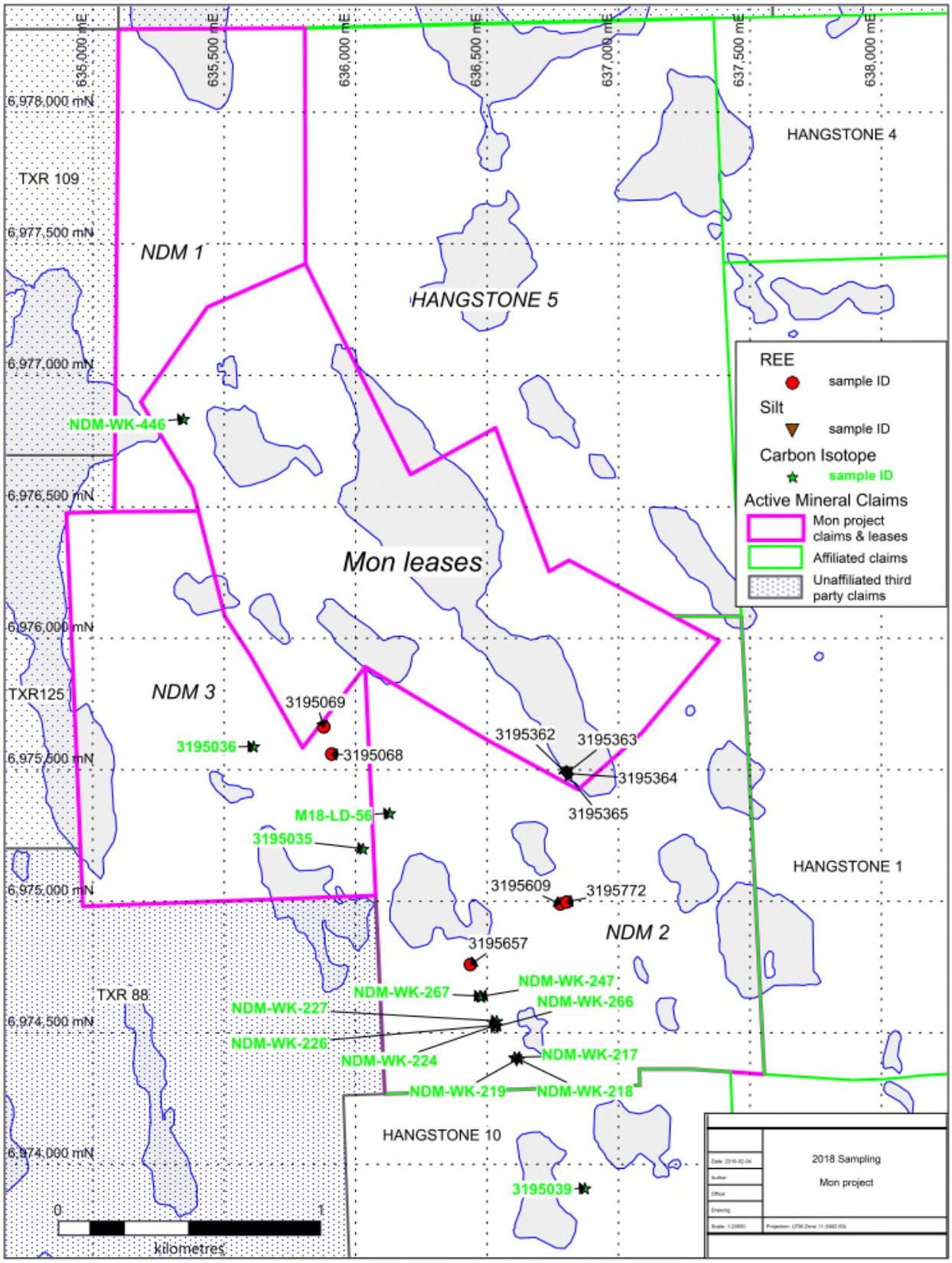


Figure 31. Location map for rare earth element, carbon isotope and silt samples.

Table 27. Rare earth element results for samples (in ppm) from NDM-2 & NDM-3.

Sample ID	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
3195609	5.18	17.93	3.17	0.59	2.67	0.39	2.12	0.41	1.07	0.13	0.8	0.12
3195068	4.32	22.08	5.69	1.28	6.45	0.88	4.69	0.89	2.36	0.27	1.75	0.23
3195069	5.3	22.91	5.37	0.86	4.13	0.51	1.81	0.29	0.58	0.08	0.59	0.07
3195657	0.55	2.77	0.55	0.2	0.87	0.11	0.89	0.17	0.5	0.08	0.5	0.07
3195772	1.22	5.03	0.91	0.24	0.88	0.12	0.58	0.08	0.25	0.02	0.16	0.02

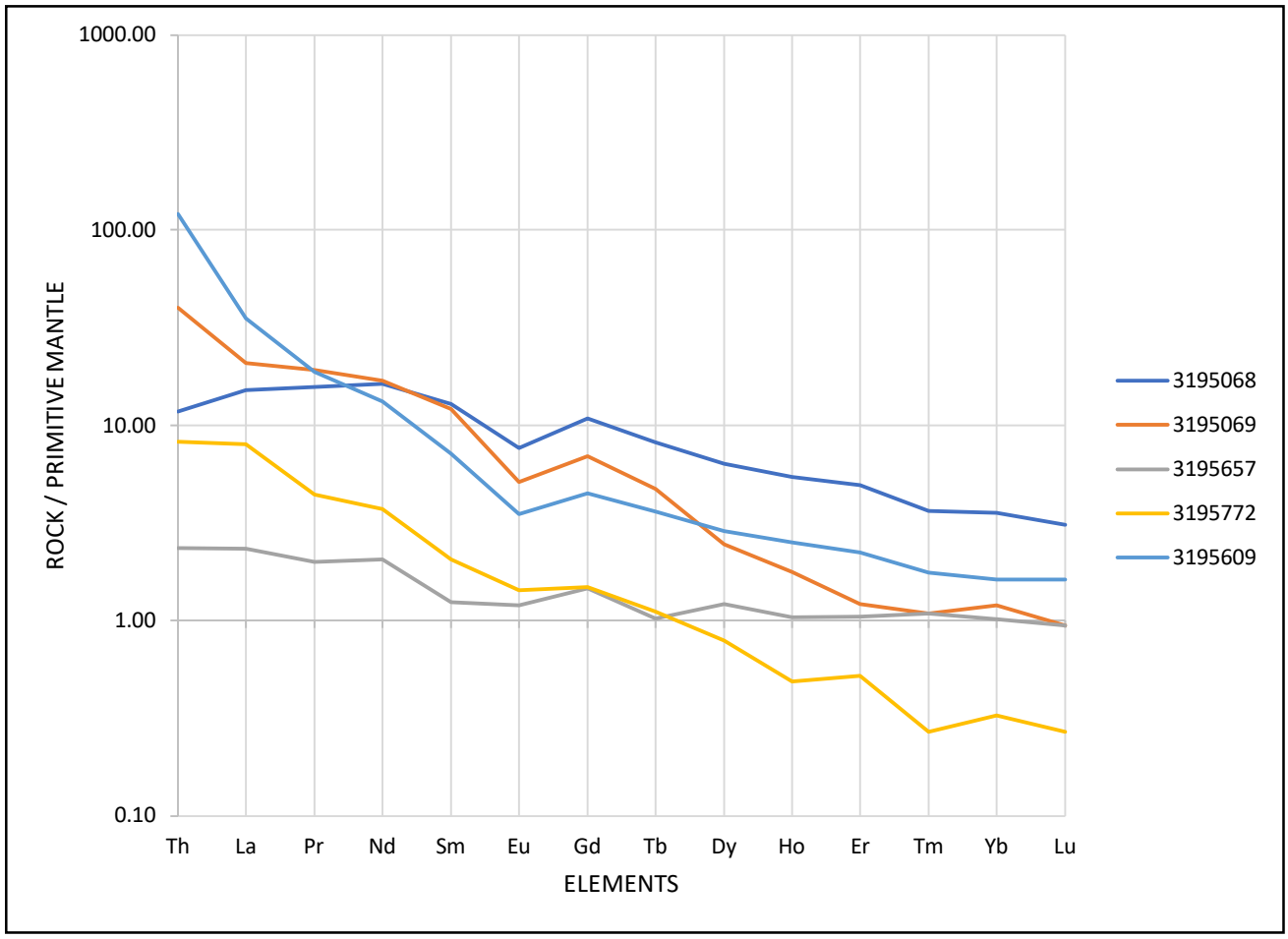


Figure 32. Primitive mantle-normalized extended rare earth element plot.

9.5 Geophysics

Geotech Ltd. was contracted to fly a helicopter-supported VTEM ™ Plus magnetic and electromagnetic survey of the entire Mon Property in early 2019.

During February 26th to March 11th, 2019 Geotech Ltd. carried out a helicopter-borne geophysical survey over the Mon Gold Project situated near Yellowknife, Northwest

Territories.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM™plus) system and a horizontal magnetic gradiometer with two cesium sensors. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 141 line-kilometres of geophysical data were acquired during the survey.

In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as the following maps:

- Electromagnetic stacked profiles of the B-field Z Component,
- Electromagnetic stacked profiles of dB/dt Z Components,
- B-Field Z Component Channel grid
- Total Magnetic Intensity (TMI),
- Magnetic Total Horizontal Gradient
- Magnetic Tilt-Angle Derivative
- Calculated Time Constant (Tau) with Calculated Vertical Derivative contours,
- Resistivity Depth Images (RDI) sections are presented.

A total of 141 line km of geophysical data were collected. Line spacing was a nominal 100 m. The helicopter was maintained at a mean altitude of 81 metres above the ground with an average survey speed of 75 km/hour. This allowed for an actual average Transmitter-receiver loop terrain clearance of 47 metres and a magnetic sensor clearance of 57 metres.

9.5.1 Geotech VTEM™ PLUS Airborne Survey

The property outline on a geology base map is shown below. The irregular Mon Mining Leases (in orange) are adjoining three Mineral Claims (red), two of which have been surveyed to take to lease.

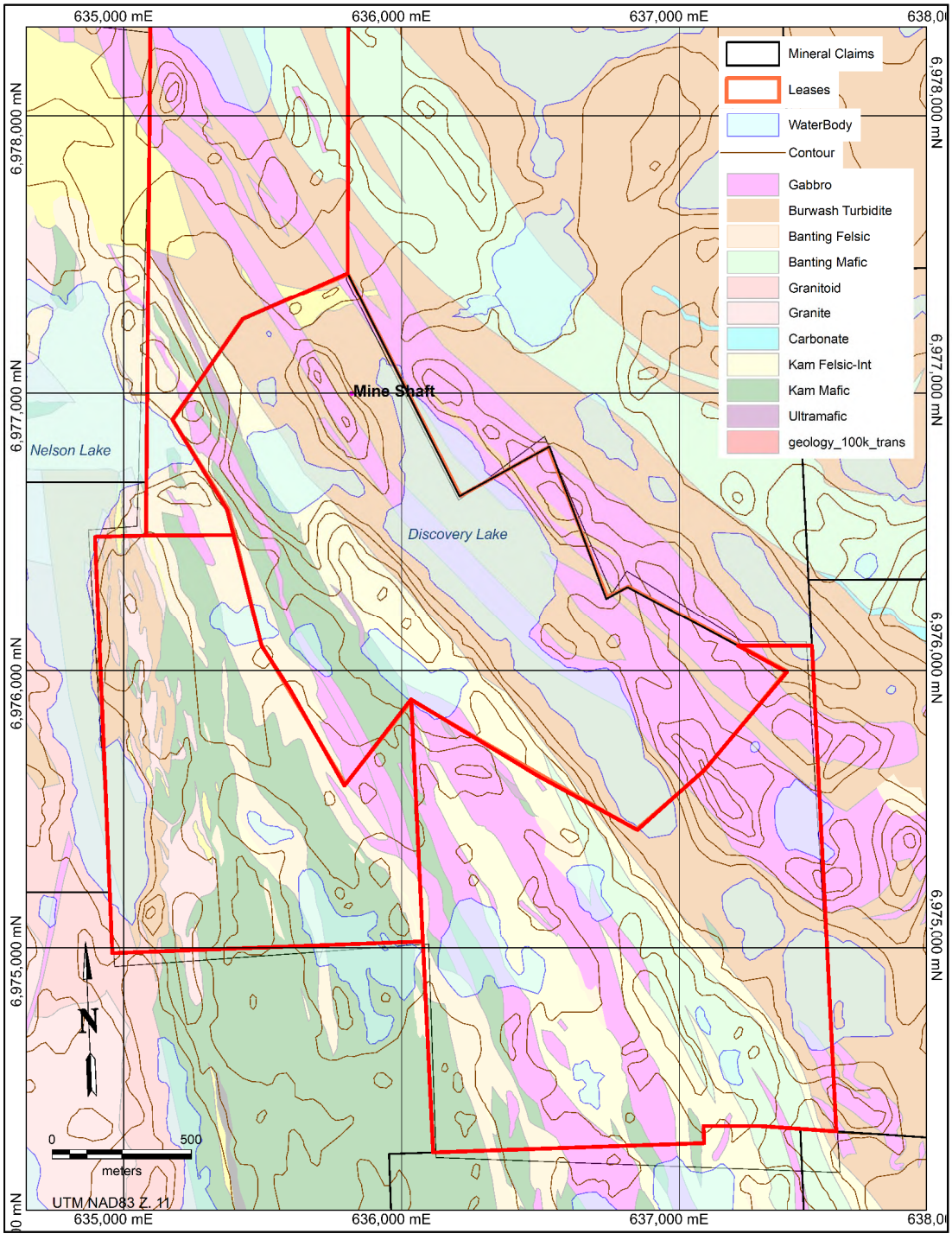


Figure 33. The Mon Property is shown with Mineral Claims in red, and Mining Leases in orange on a geology base map modified after Helmstaedt and Hounsell (2005)

The total field magnetic intensity map is shown below with higher magnetic intensities in hotter colours.

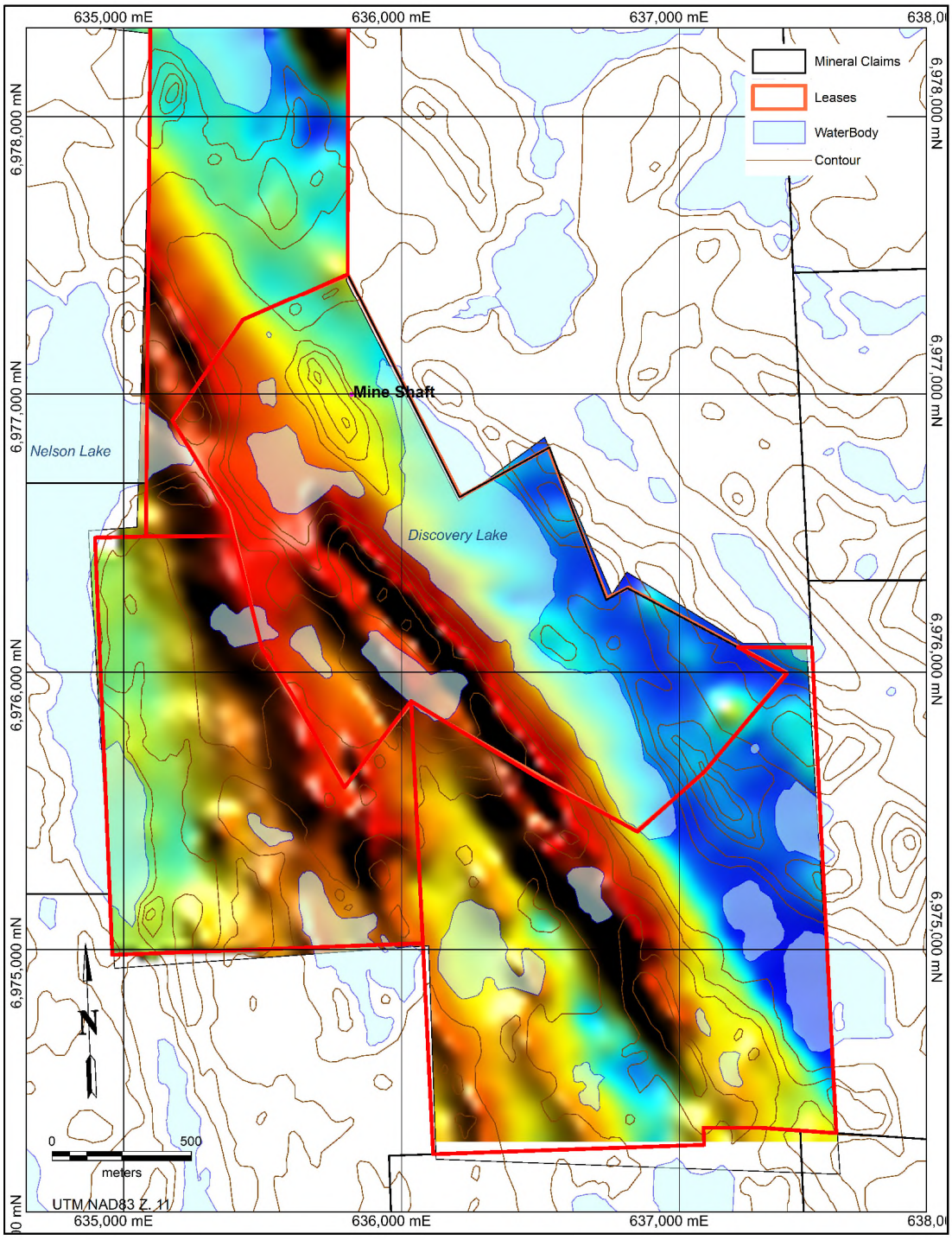


Figure 34. Total magnetic intensity map

The first vertical derivative of the TMI map si shown below.

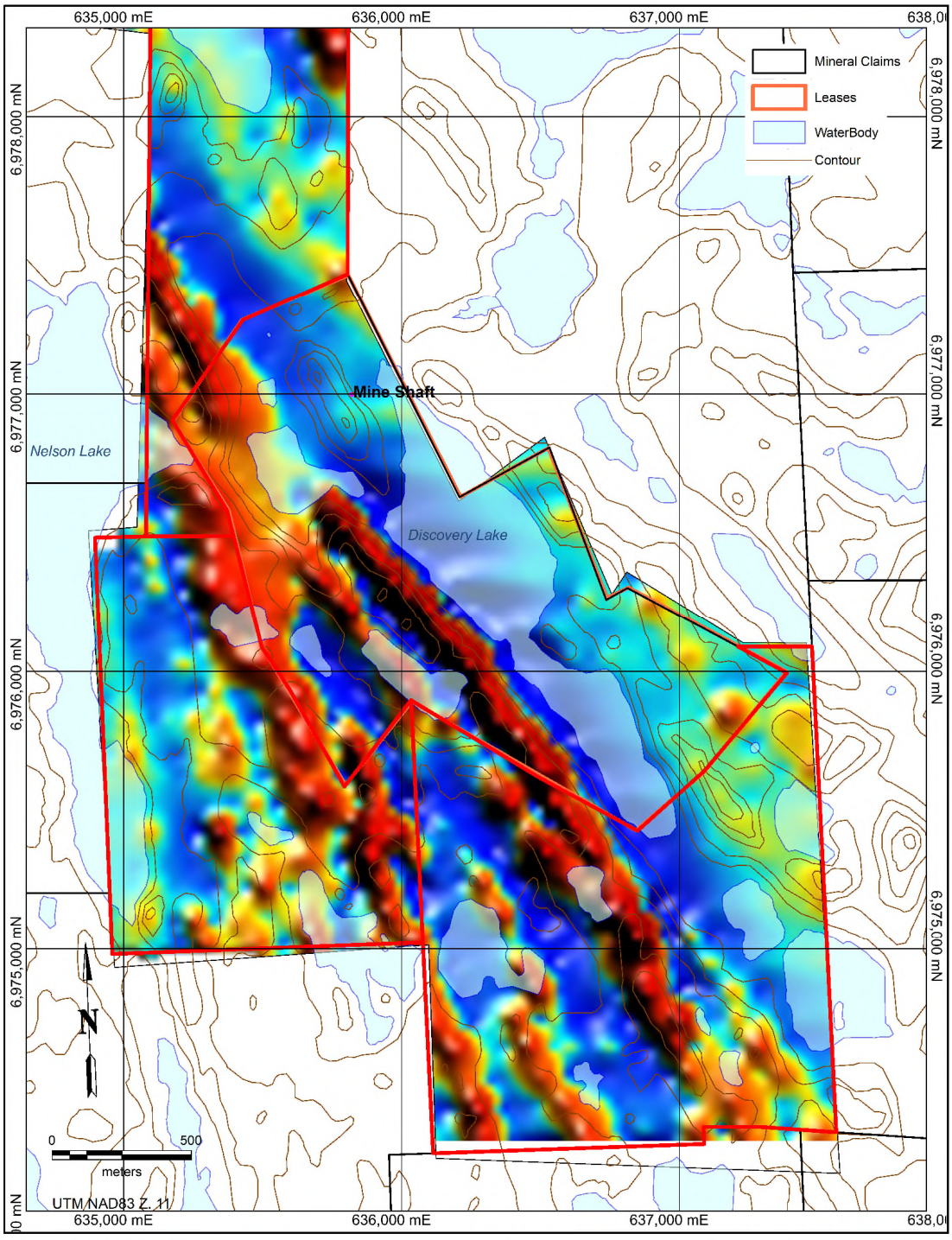


Figure 35. First vertical derivative magnetic intensity map.

The VTEM™ Receiver and transmitter coils were in concentric-coplanar and Z-direction oriented configuration. The receiver system for the project also included a coincident-coaxial

X-direction coil to measure the in-line dB/dt and calculate B-Field responses. The Transmitter-receiver loop was towed at a mean distance of 34 metres below the aircraft. Forty-three time measurement gates were used for the final data processing in the range from 0.021 to 8.083 msec. Zero time for the offtime sampling scheme is equal to the current pulse width and is defined as the time near the end of the turn-off ramp where the dI/dt waveform falls to 1/2 of its peak value.

Table 28. Off-time decay sampling scheme

VTEM Decay Sampling Scheme				
Index	Start	End	Middle	Width
Milliseconds				
4	0.018	0.023	0.021	0.005
5	0.023	0.029	0.026	0.005
6	0.029	0.034	0.031	0.005
7	0.034	0.039	0.036	0.005
8	0.039	0.045	0.042	0.006
9	0.045	0.051	0.048	0.007
10	0.051	0.059	0.055	0.008
11	0.059	0.068	0.063	0.009
12	0.068	0.078	0.073	0.01
13	0.078	0.09	0.083	0.012
14	0.09	0.103	0.096	0.013
15	0.103	0.118	0.11	0.015
16	0.118	0.136	0.126	0.018
17	0.136	0.156	0.145	0.02
18	0.156	0.179	0.167	0.023
19	0.179	0.206	0.192	0.027
20	0.206	0.236	0.22	0.03
21	0.236	0.271	0.253	0.035
22	0.271	0.312	0.29	0.04
23	0.312	0.358	0.333	0.046
24	0.358	0.411	0.383	0.053
25	0.411	0.472	0.44	0.061
26	0.472	0.543	0.505	0.07
27	0.543	0.623	0.58	0.081
28	0.623	0.716	0.667	0.093
29	0.716	0.823	0.766	0.107
30	0.823	0.945	0.88	0.122
31	0.945	1.086	1.01	0.141
32	1.086	1.247	1.161	0.161
33	1.247	1.432	1.333	0.185
34	1.432	1.646	1.531	0.214
35	1.646	1.891	1.76	0.245

36	1.891	2.172	2.021	0.281
37	2.172	2.495	2.323	0.323
38	2.495	2.865	2.667	0.37
39	2.865	3.292	3.063	0.427
40	3.292	3.781	3.521	0.49
41	3.781	4.341	4.042	0.56
42	4.341	4.987	4.641	0.646
43	4.987	5.729	5.333	0.742
44	5.729	6.581	6.125	0.852
45	6.581	7.56	7.036	0.979
46	7.56	8.685	8.083	1.125

z-component 4-46 time gates
x-component 20-46 time gates

In general, the earlier channels show shallow and/or weaker conductors. SFz13 shown below shows the strong formational conductor along the west-side of Discovery Lake. The shorter isolated conductors west of this are discussed later.

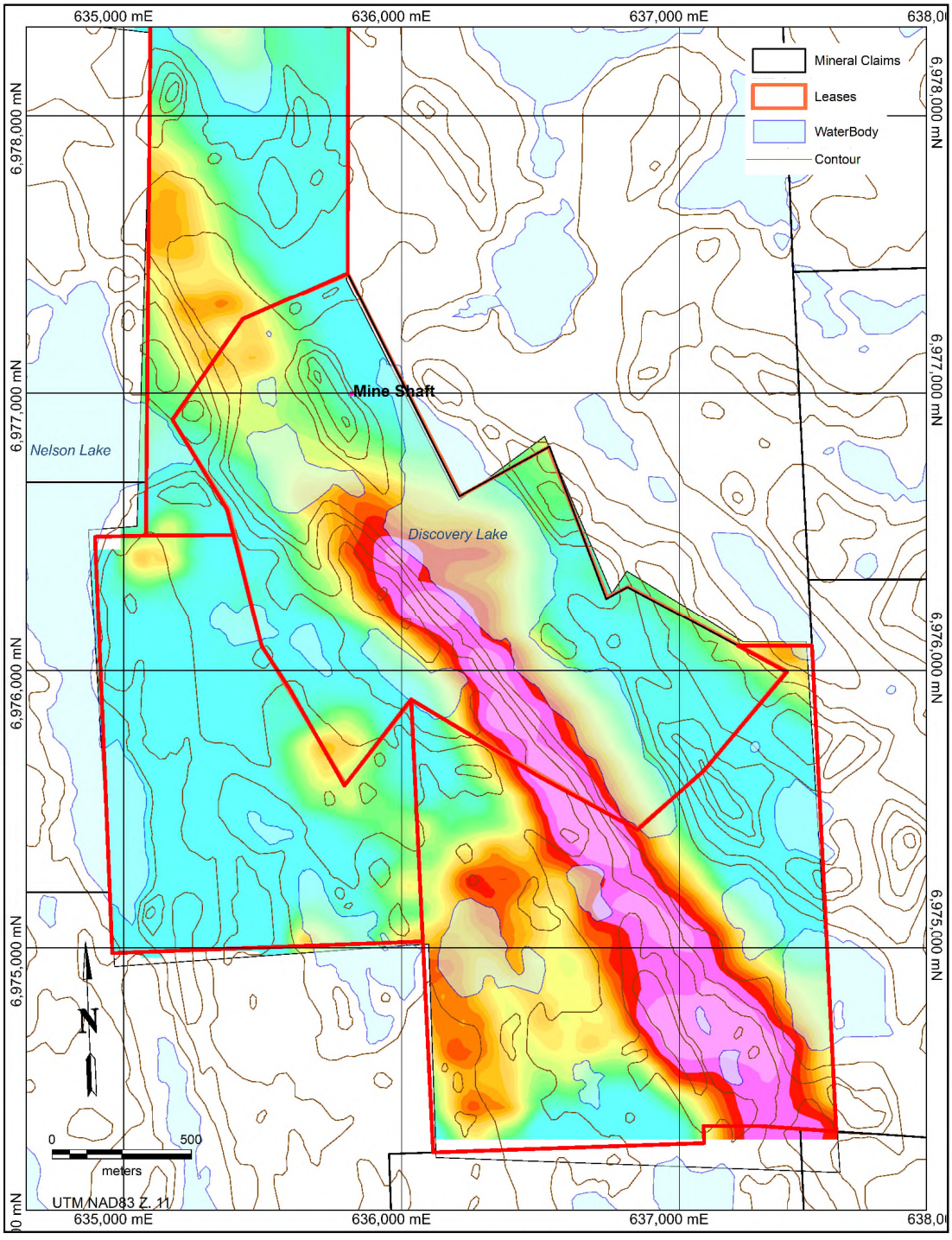


Figure 36. SFz13 electromagnetic map.

The SFz44 map shows later time channels and in general show stronger and/or deeper conductors. The long formational conductor west of Discovery Lake also shows the

shorter isolated conductors that are discussed later.

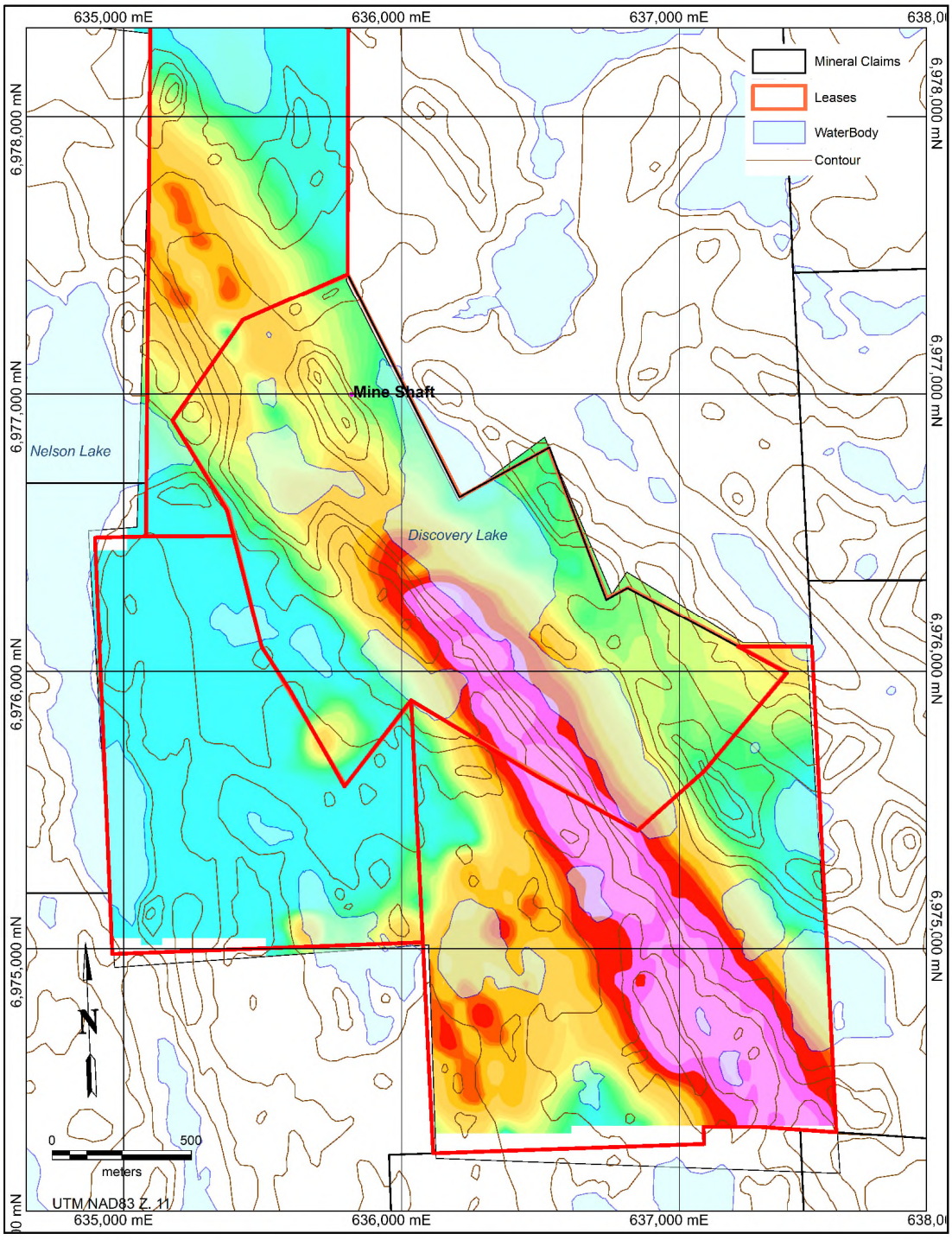


Figure 37. SFz44 electromagnetic map.

The BF36 map (blow) is calculated from the coincident coaxial X-direction loop measuring the in-line dB/dt response.

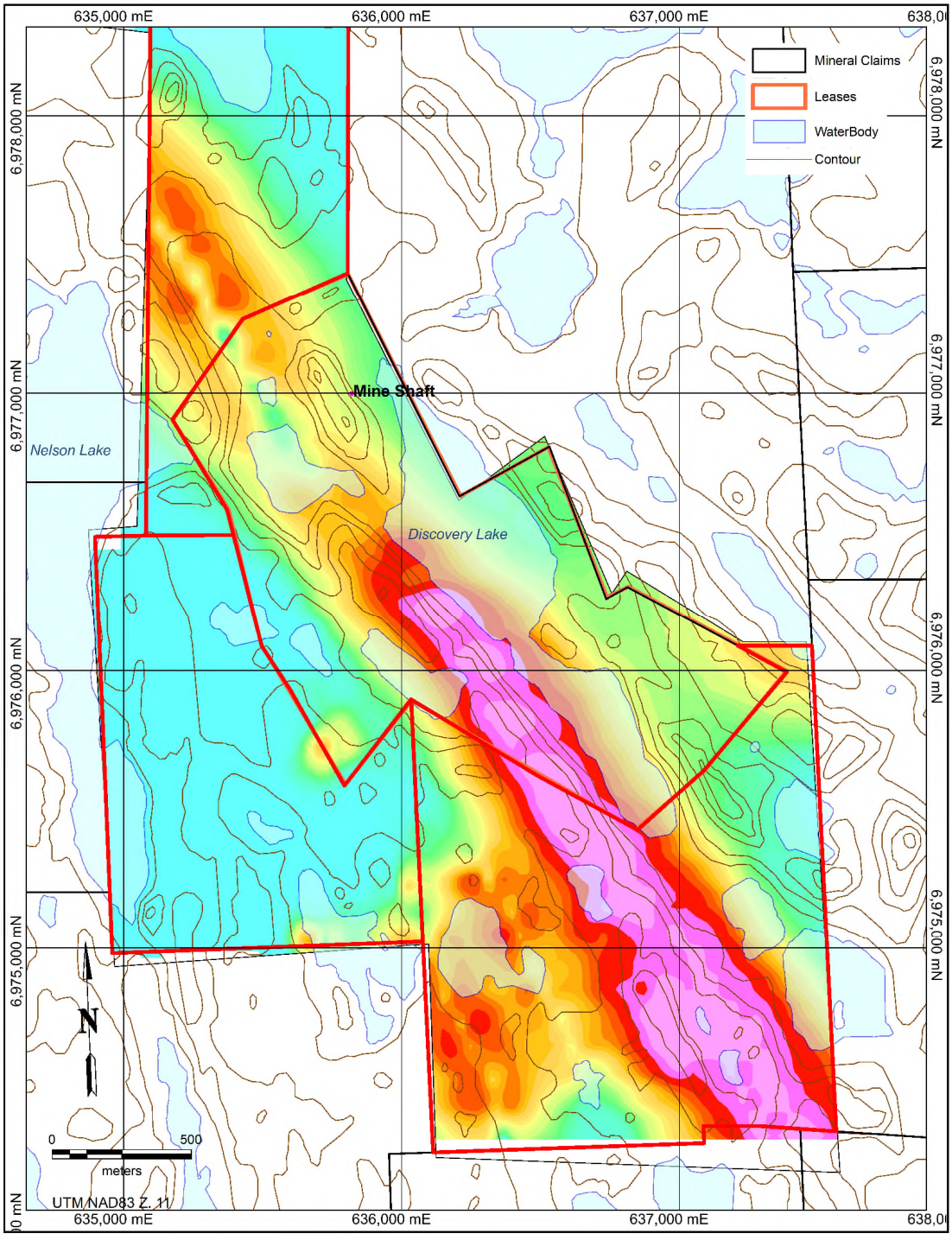


Figure 38. BF36 map.

The calculated time-constant (TAU) is presented for the survey in both the S-field and B-field.

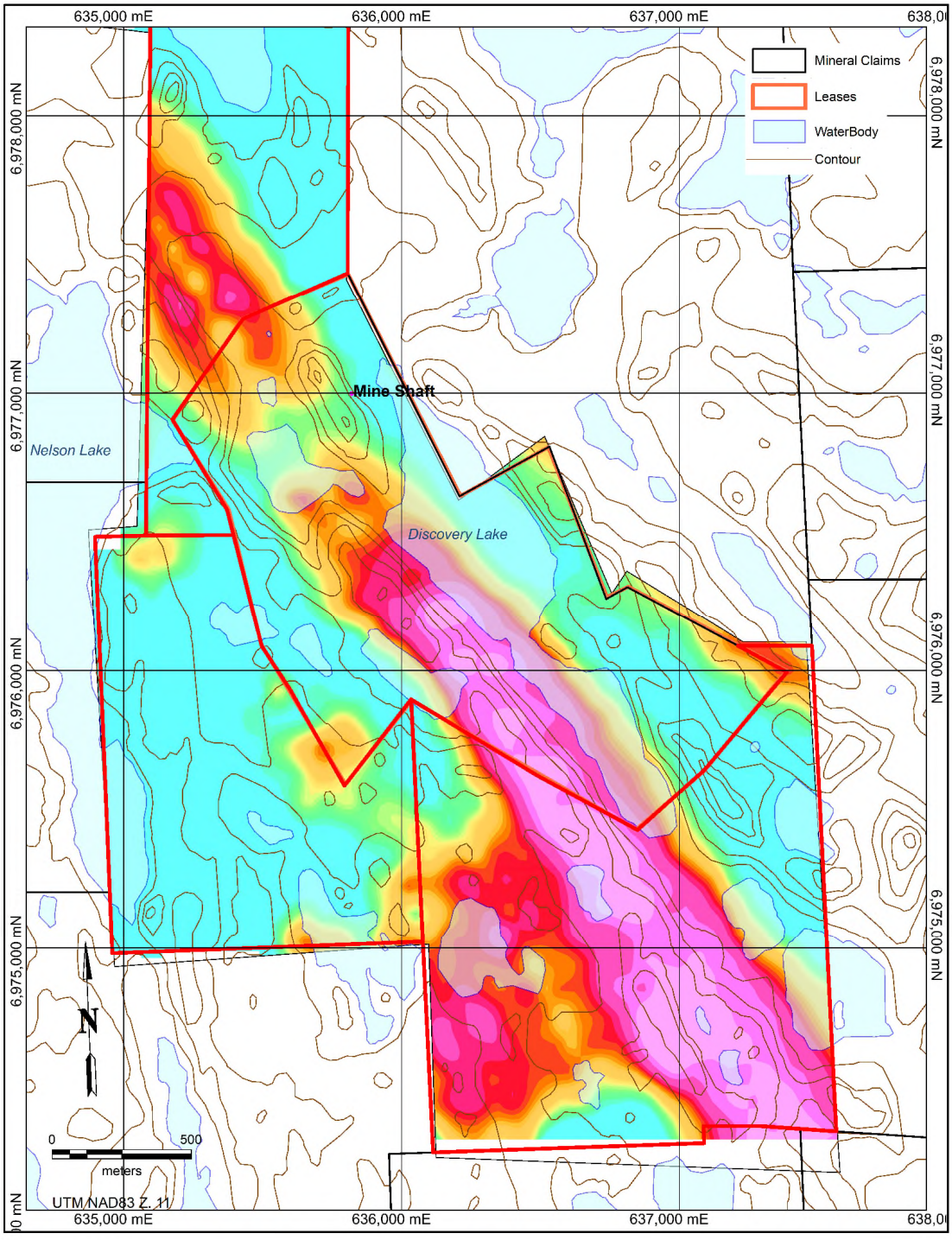


Figure 39. TAUSF map.

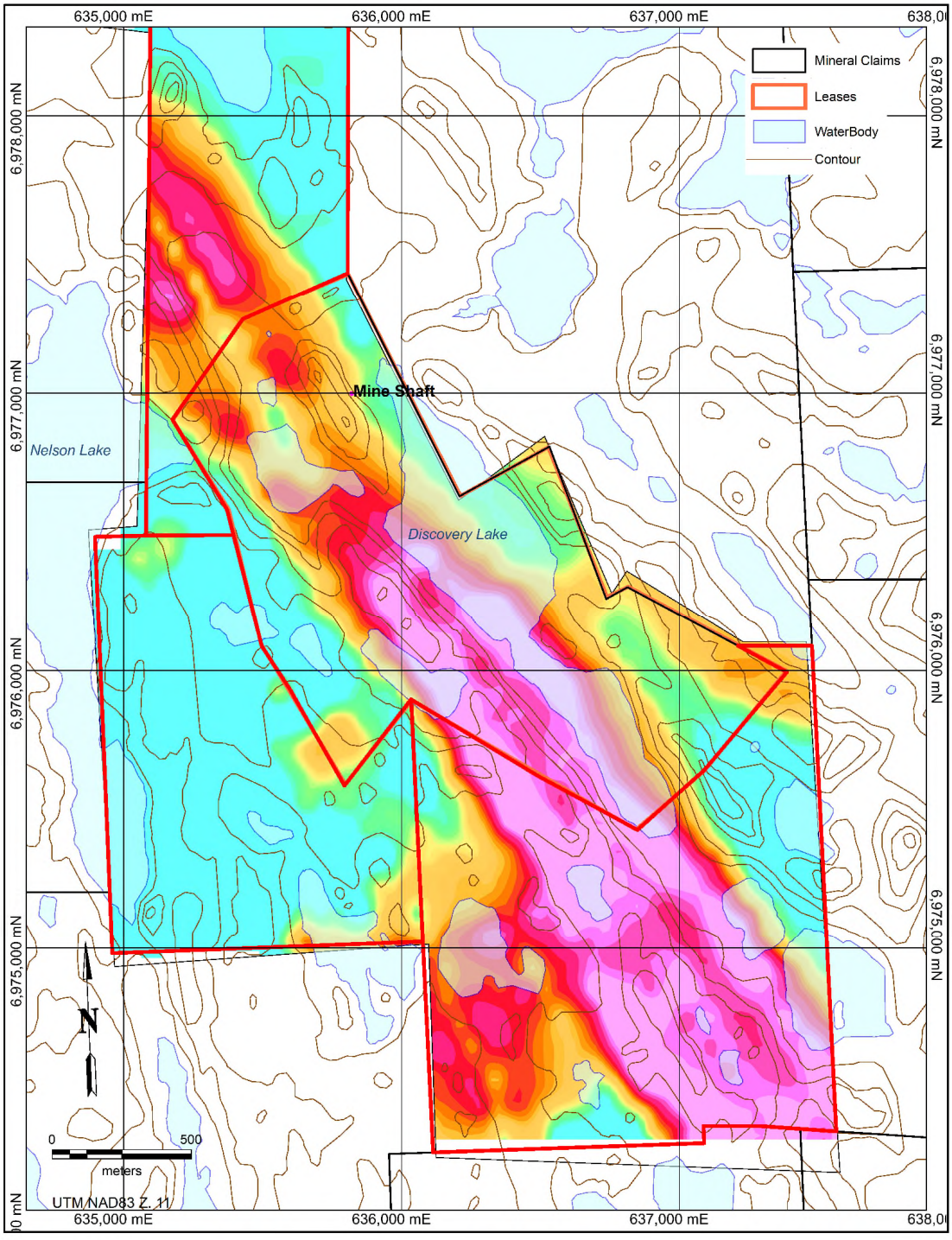


Figure 40. TAUBF map.

9.5.2 Gold Terra Airborne Survey

Gold Terra overflew the Mon Property as part of their regional evaluation and in addition to similar magnetic maps, they provided the following maps. The gamma-ray

spectrometry survey produced total count, thorium count, and uranium counts over the survey area.

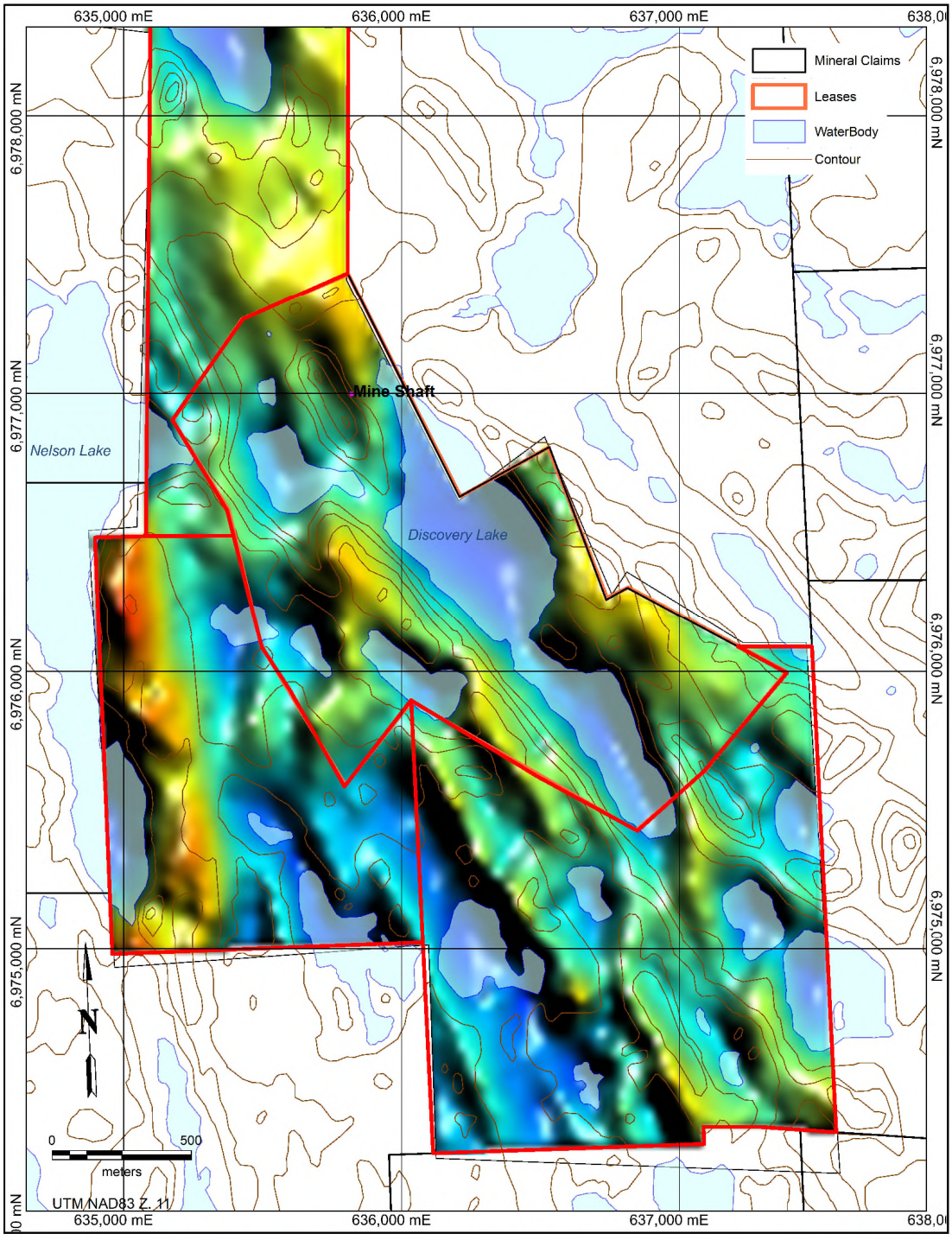


Figure 41. Total count gamma-ray spectrometry map (GoldTerra).

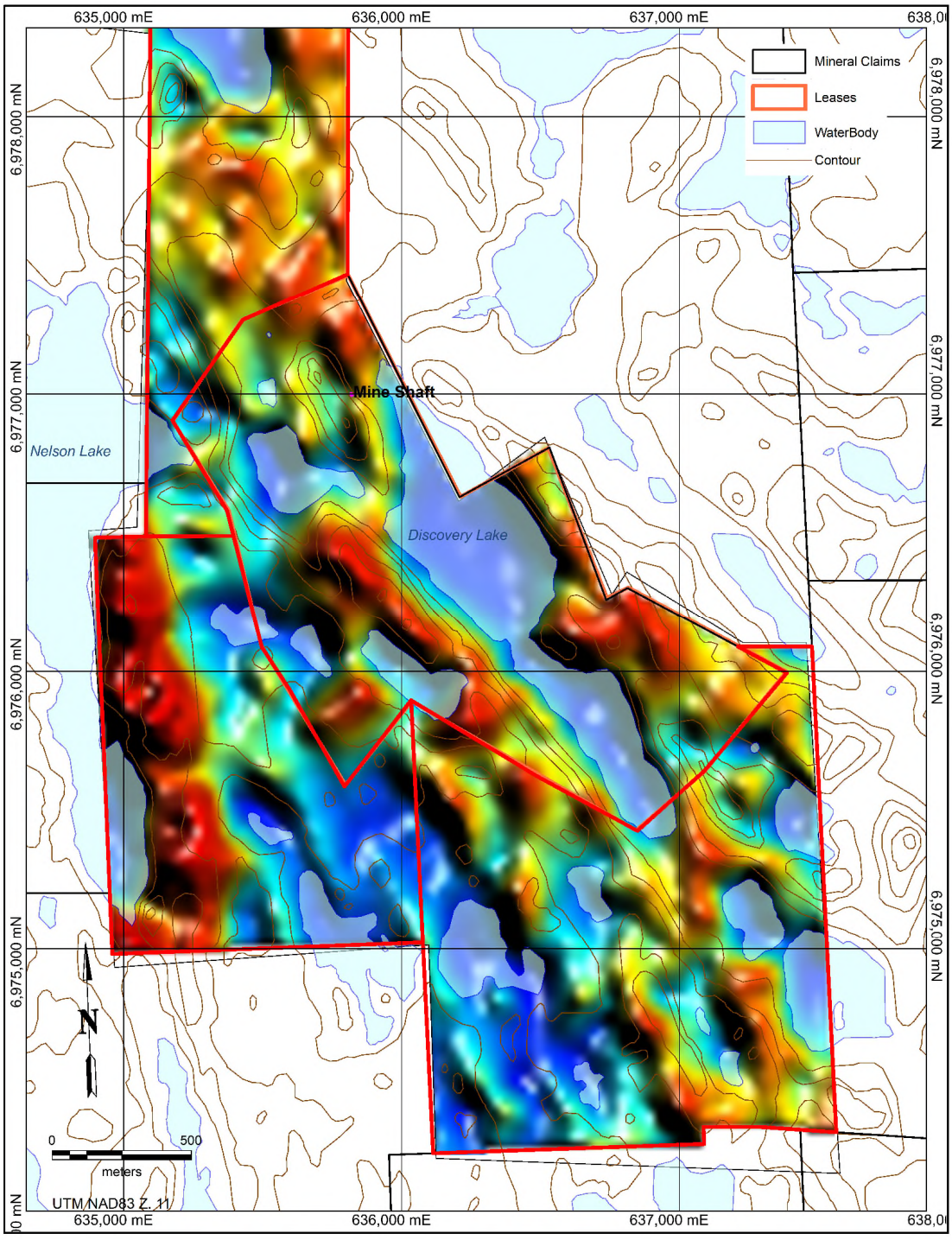


Figure 42. Thorium channel gamma-ray spectrometry map (GoldTerra).

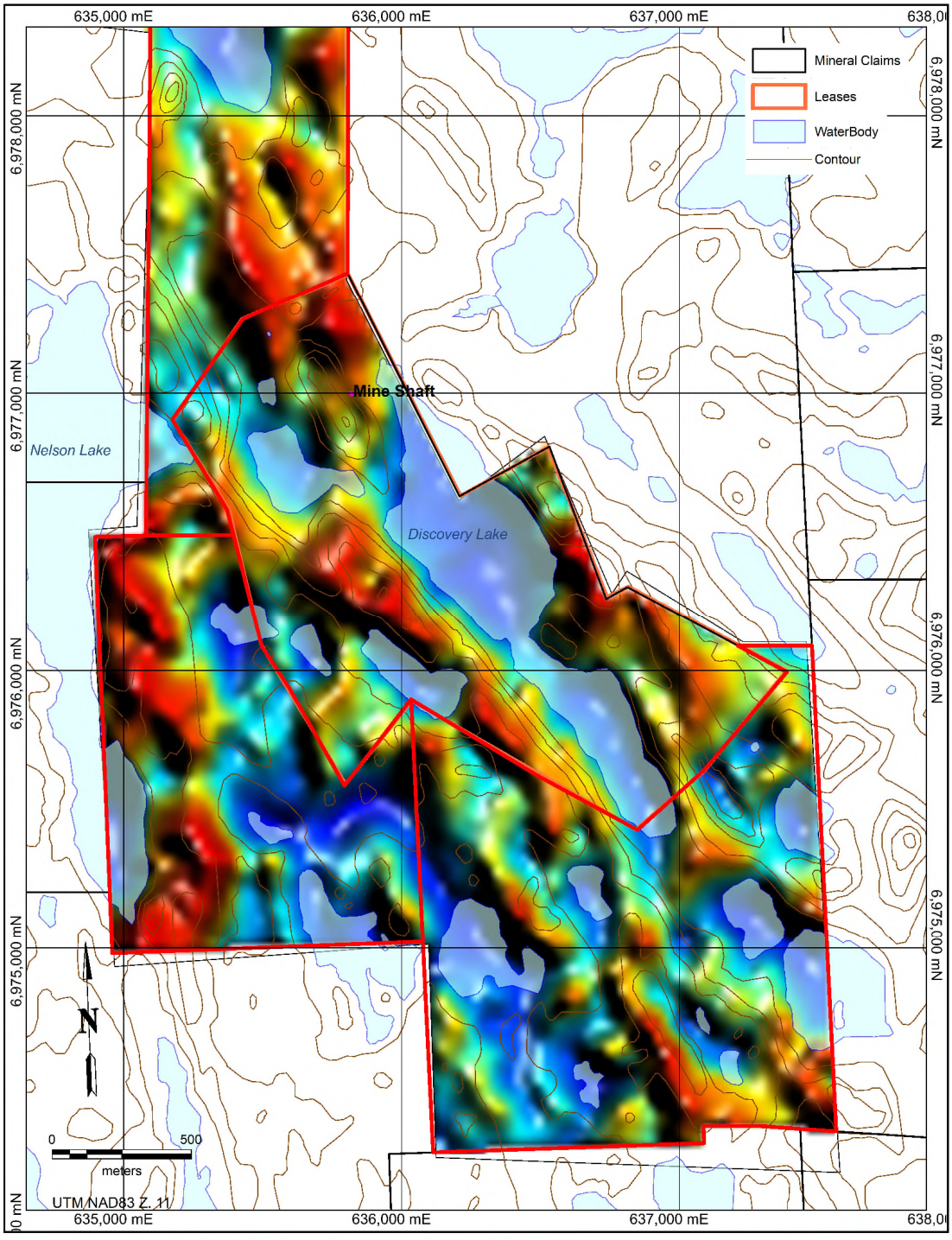


Figure 43. Uranium channel gamma-ray spectrometry map (GoldTerra).

9.5.3 Interpretation of Geophysics.

Two groups were engaged to assist in interpreting the Geotech survey results. Dr. Jules Lajoi and Mira Geosciences both reviewed the data and discussed the results with Sixty North Gold. Mira was engaged to do a 3D Inversion of the data and Mira's results are

presented below.

Mira focused on the southwestern portion of the survey area in area zone prospective for VMS type mineralization. The purpose of the engagement was to create an integrated series of geophysical and geological models and Sixty with a set of VMS-type exploration targets. The modelling was based on available geophysical and geological data sets provided by Sixty. The integrated models constructed from the interpretation of the VTEM and magnetic datasets were used to assist the client with VMS exploration.

Their work concluded that the modelling undertaken here has used the combined geophysical and geological data to build a 3D integrated geological model to aid in the exploration and definition of targets in the VMS prospective rocks in the SW portion of 60 North's Mon property. The preliminary unconstrained magnetic and electromagnetic data models helped to generate an integrated geological model, consistent with the geophysical and geological data.

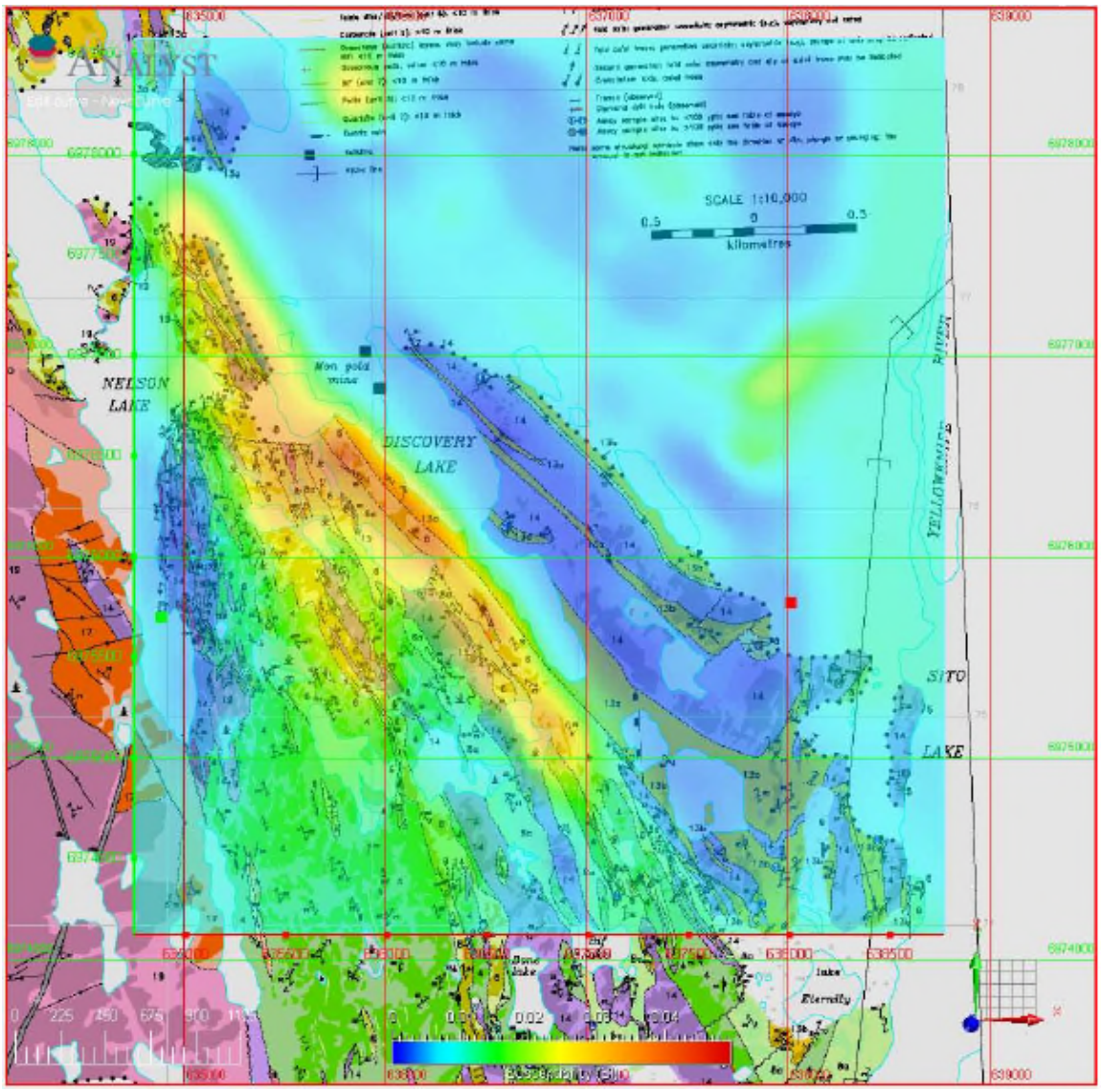


Figure 44. This map shows the recovered magnetic suseptibility data at 55 m ASL on a base map after Jackson (1998).

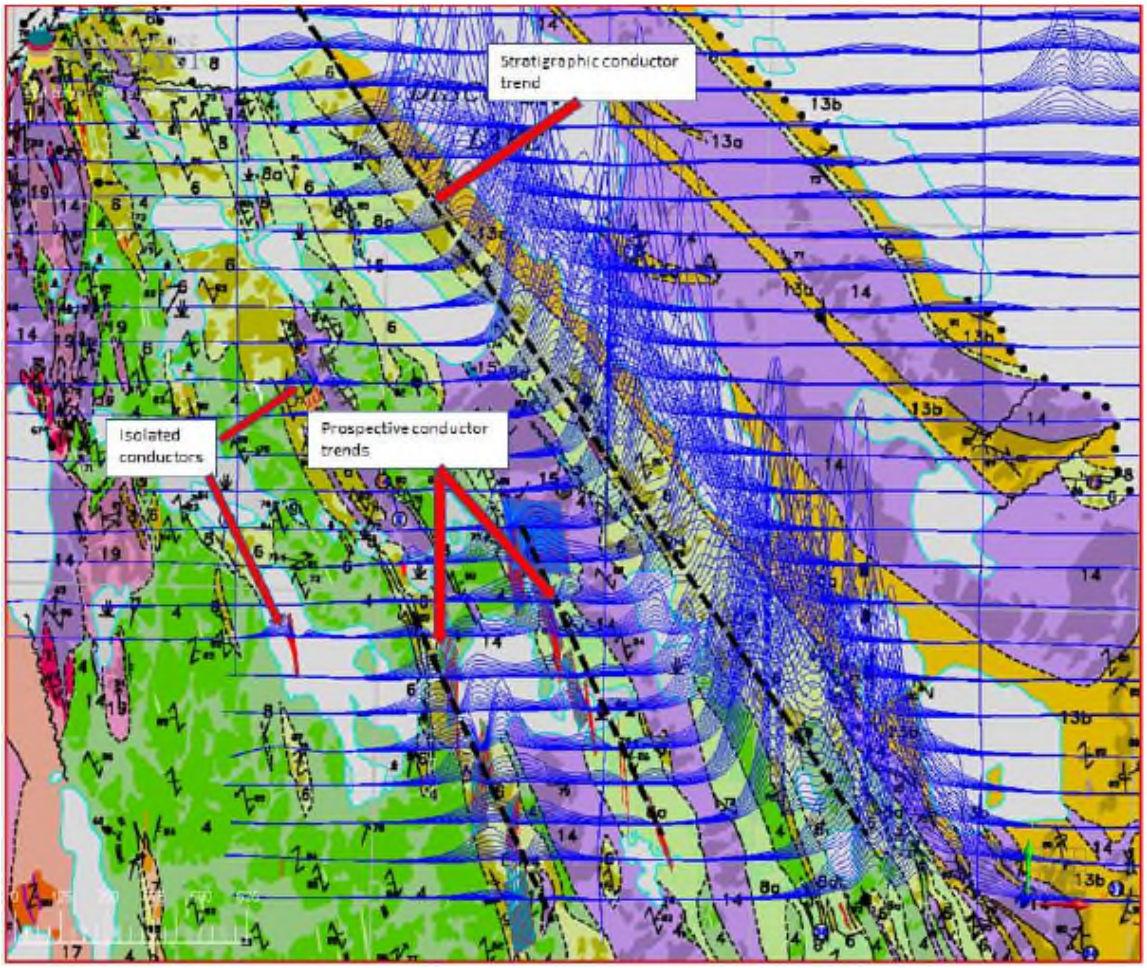


Figure 45. VTEM data late time data profiles shown in blue over the geological map. Conductors are identified and labeled, and conductor trends are indicated with heavy dashed black lines. Modeled identified and labeled, and conductor trends are indicated.

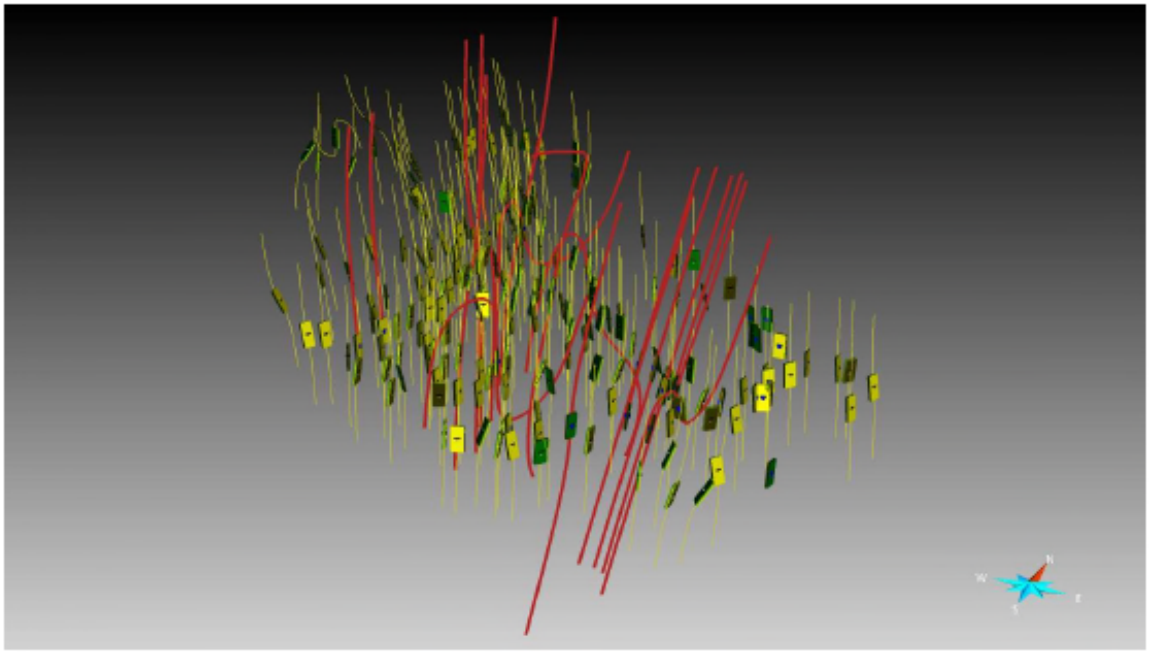


Figure 46. Structural data SFI interpretation.

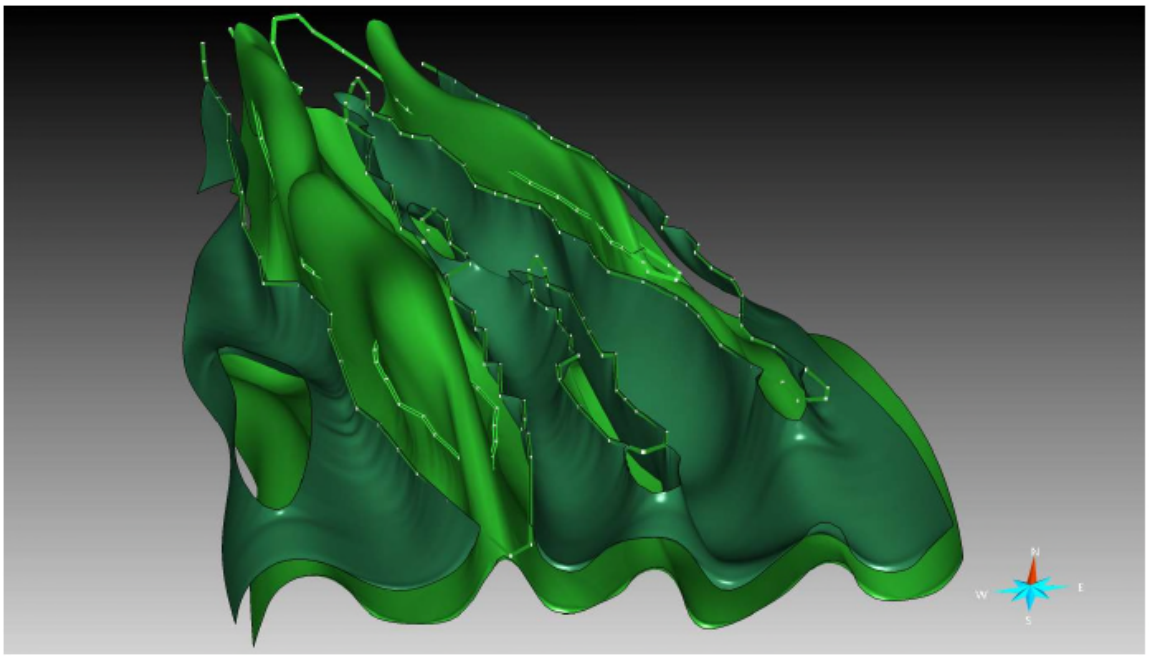


Figure 47. Interpretation of the folded magnetic volcanic unit.

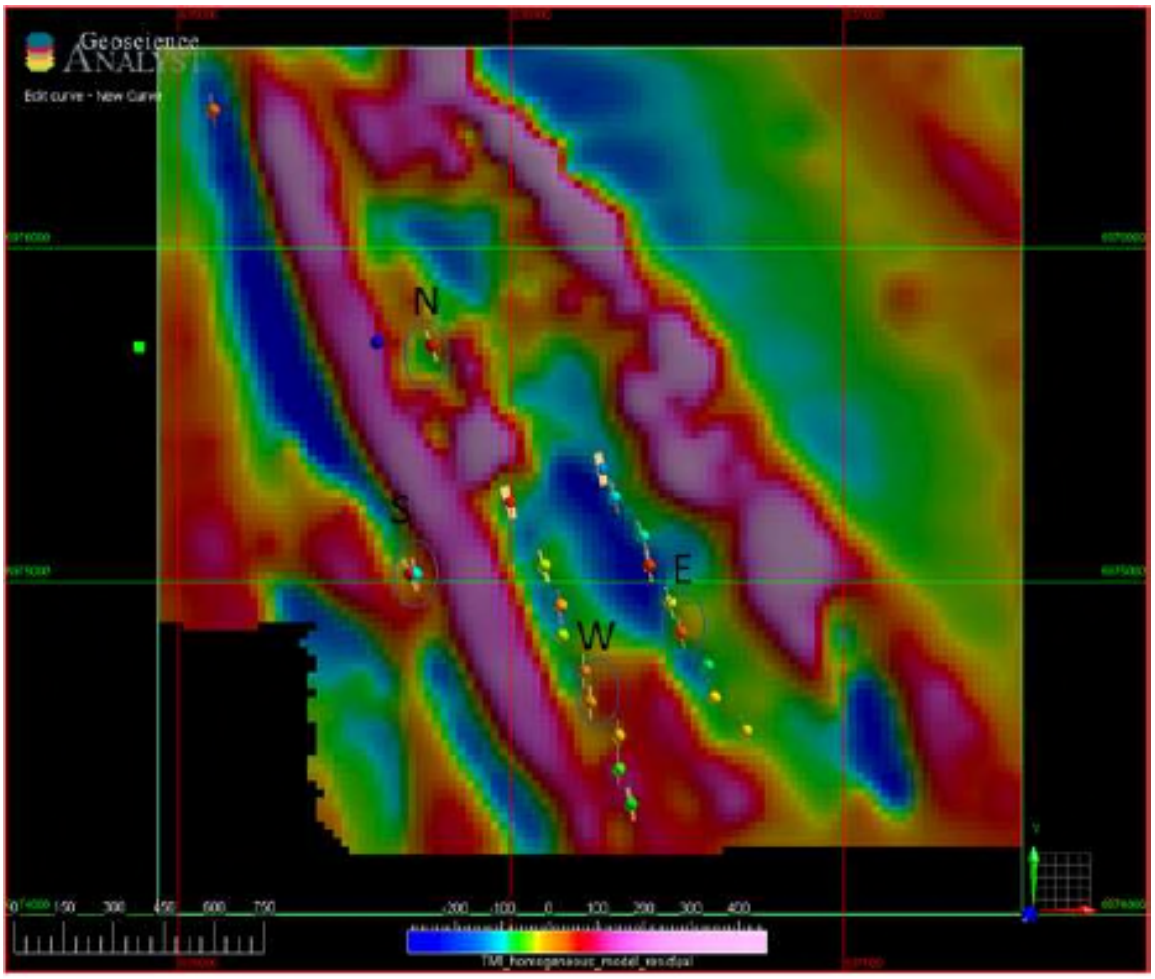


Figure 48. Magnetic residual grid after homogeneous unit inversion shown with plate models (limited strike and depth extent for better visualization).

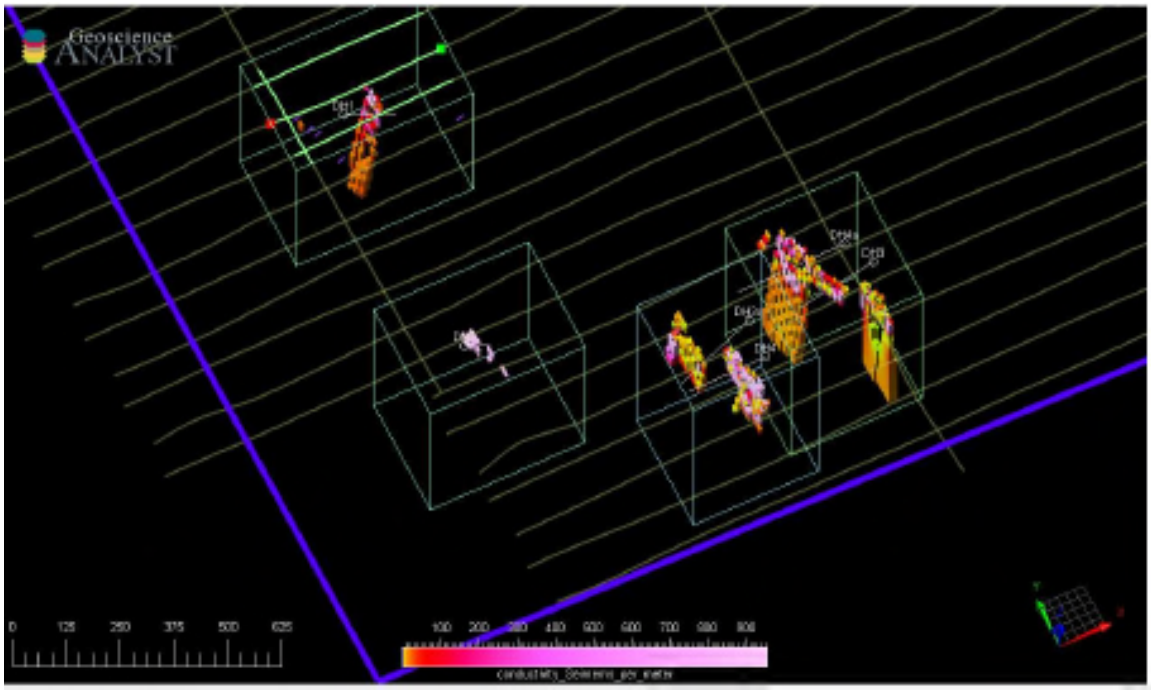


Figure 49. 3D perspective view from above and from the SW of the 3D EM models with 1 S/m iso- surfaces showing from the 4 3D VTEM inversion model areas.

On the basis of the available data the geology of the project area was interpreted to be a series of isoclinal steeply dipping parasitic folds associated with a regional anticlinal structure and the geological model was constructed on this basis. The geological model then allowed the magnetic modelling to be re-run in a constrained fashion which lead to the identification of several anomalies, magnetic highs and lows that sit in the correct stratigraphy and which have associated electromagnetic anomalies of interest.

Through the course of the work four key targets have been identified and, through 3D EM inversion, these targets have been refined to attempt to indicate the location of the most conductive part of the target anomaly. The 3D EM modeling has indicated that in some cases there is scope for adjustment Sixty's proposed drillholes to try to intersect the most conductive parts of the individual targets.

9.6 Biogeochemical Survey

A total of 155 spruce bark stations were targeted and 91 samples were collected, recovering the outer layer of the tree bark, and not recovering any of the vascular cambium. The material was dried, weighed, and then processed using Bureau Veritas laboratories VG101 whole sample maceration method. Thorium was not detected in any sample, bismuth, vanadium, tungsten, and tellurium were detected in one sample and are excluded from the table below.

Table 29. Statistic from the biogeochemical sampling program.

Field	Count_n	CountValid	Minimum	Maximum	Mean	Median
Mo (ppm)	152	27	0.01	0.05	0.02	0.01
Cu (ppm)	152	91	1.59	5.17	3.07	3.08
Pb (ppm)	152	91	0.09	20.50	0.56	0.26
Zn (ppm)	152	91	19.80	164.80	59.60	56
Ag (ppm)	152	91	4.00	42.00	16.35	15
Ni (ppm)	152	88	0.10	3.20	0.50	0.3
Co (ppm)	152	90	0.02	0.44	0.14	0.11
Mn (ppm)	152	91	30.00	462.00	162.97	146
Fe (%)	152	91	0.00	0.02	0.01	0.007
As (ppm)	152	73	0.10	2.70	0.61	0.4
U (ppm)	152	3	0.03	0.06	0.04	0.04
Au (ppb)	152	27	0.20	15.90	1.73	0.3
Sr (ppm)	152	91	2.20	80.70	19.61	16.2
Cd (ppm)	152	78	0.01	0.09	0.03	0.02
Sb (ppm)	152	43	0.02	0.32	0.07	0.04
Ca (%)	152	91	0.31	1.48	0.80	0.75
P (%)	152	91	0.01	0.03	0.02	0.016
La (ppm)	152	78	0.01	0.15	0.03	0.02
Cr (ppm)	152	91	1.30	7.40	1.68	1.6
Mg (%)	152	91	0.01	0.07	0.03	0.028
Ba (ppm)	152	91	10.40	308.90	108.71	99
Ti (ppm)	152	71	1.00	7.00	1.58	1
B (ppm)	152	91	2.00	11.00	5.97	6
Al (%)	152	12	0.01	0.02	0.01	0.01
Na (%)	152	32	0.00	0.01	0.00	0.001
K (%)	152	91	0.02	0.32	0.07	0.05
Sc (ppm)	152	90	0.10	0.50	0.23	0.2
S (%)	152	81	0.05	0.16	0.10	0.11
Hg (ppb)	152	91	23.00	155.00	71.52	69
Se (ppm)	152	91	0.20	0.50	0.33	0.3

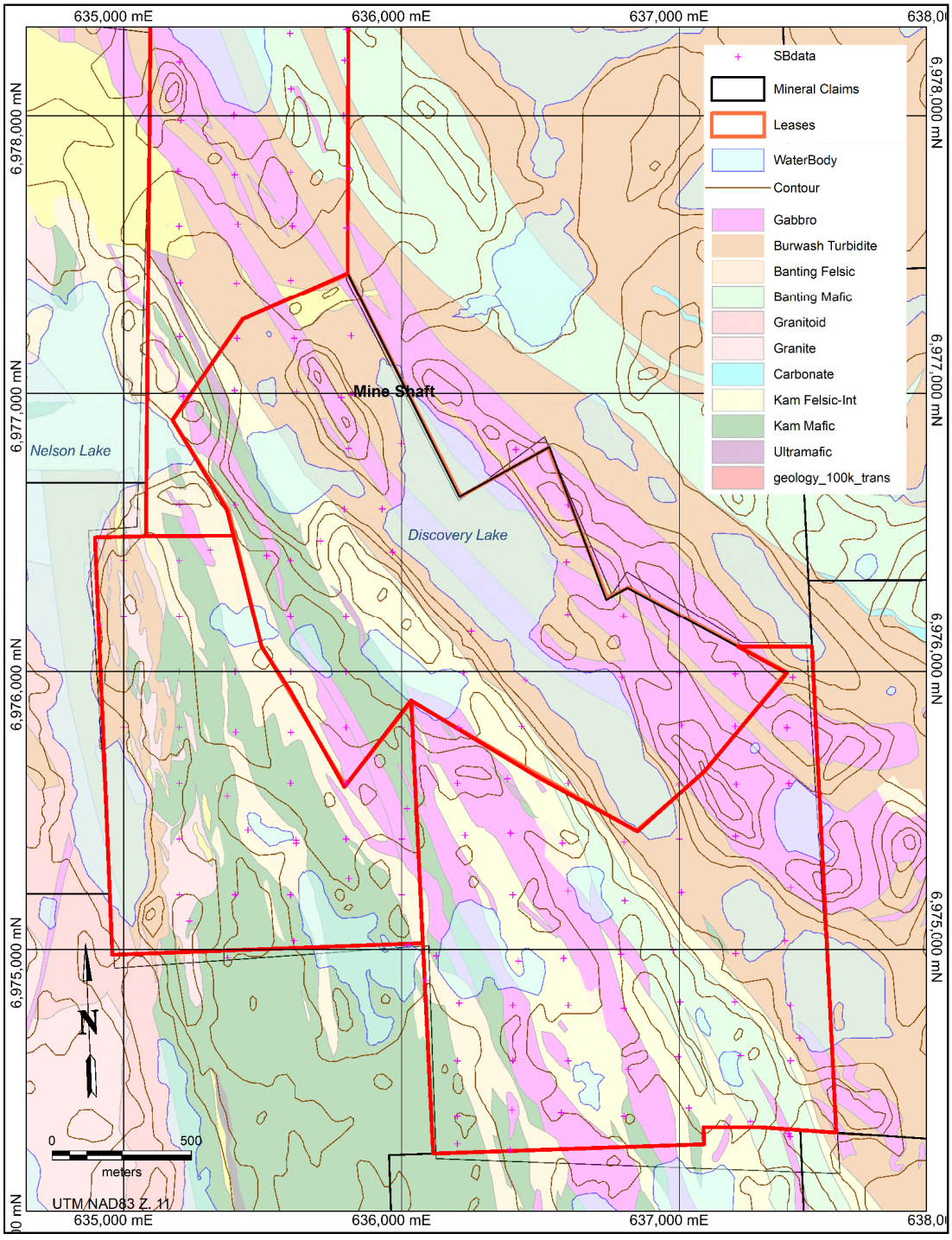


Figure 50. Location of spruce bark samples.

Copper concentration in spruce bark shows a distribution associated with the western gabbroic rocks.

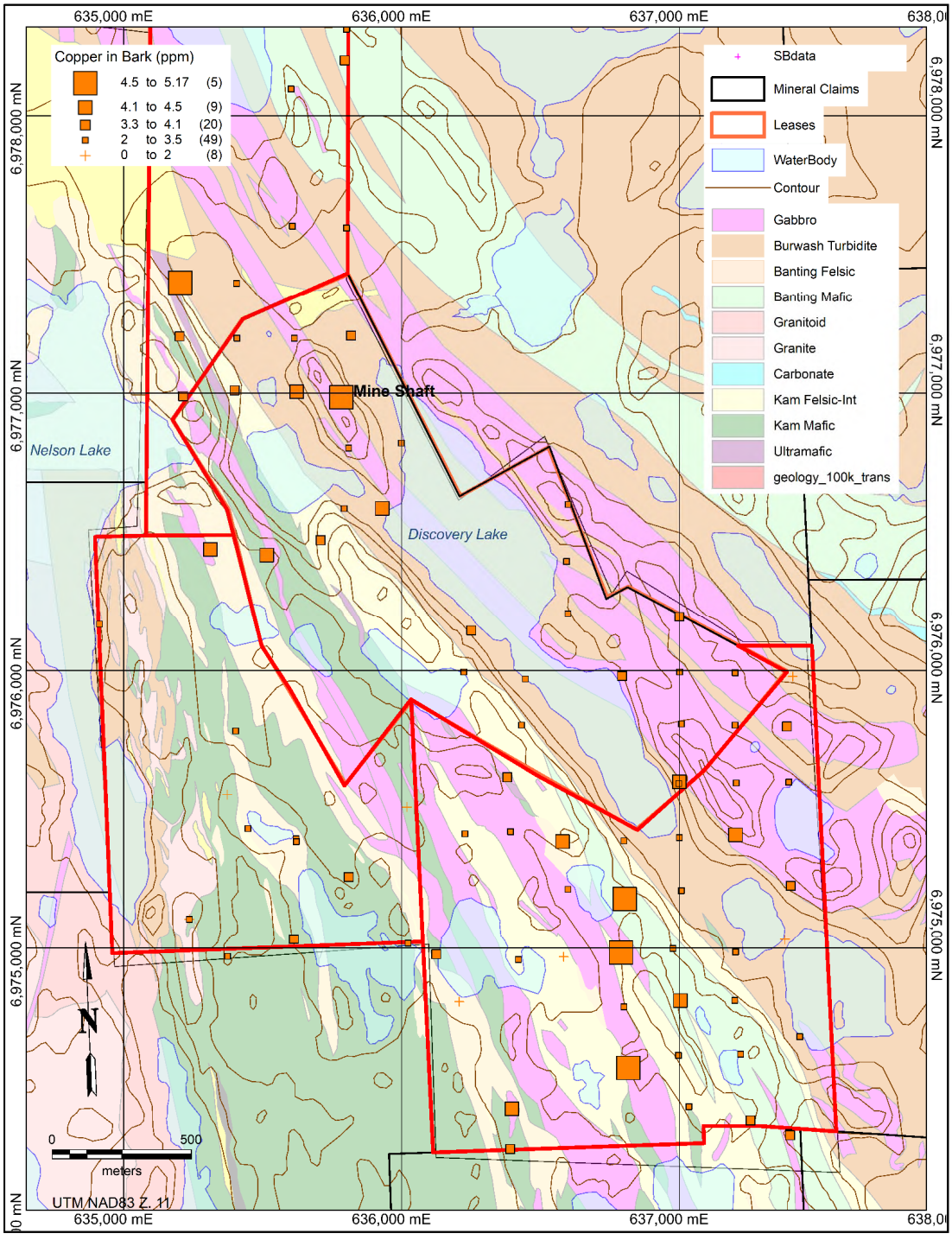


Figure 51. Copper in spruce bark on the Mon Property.

Elevated silver concentrations appear to be associated with the gabbroic rocks with a separate area to the west within minor intermediate to felsic sequences within the lower mafic rocks.

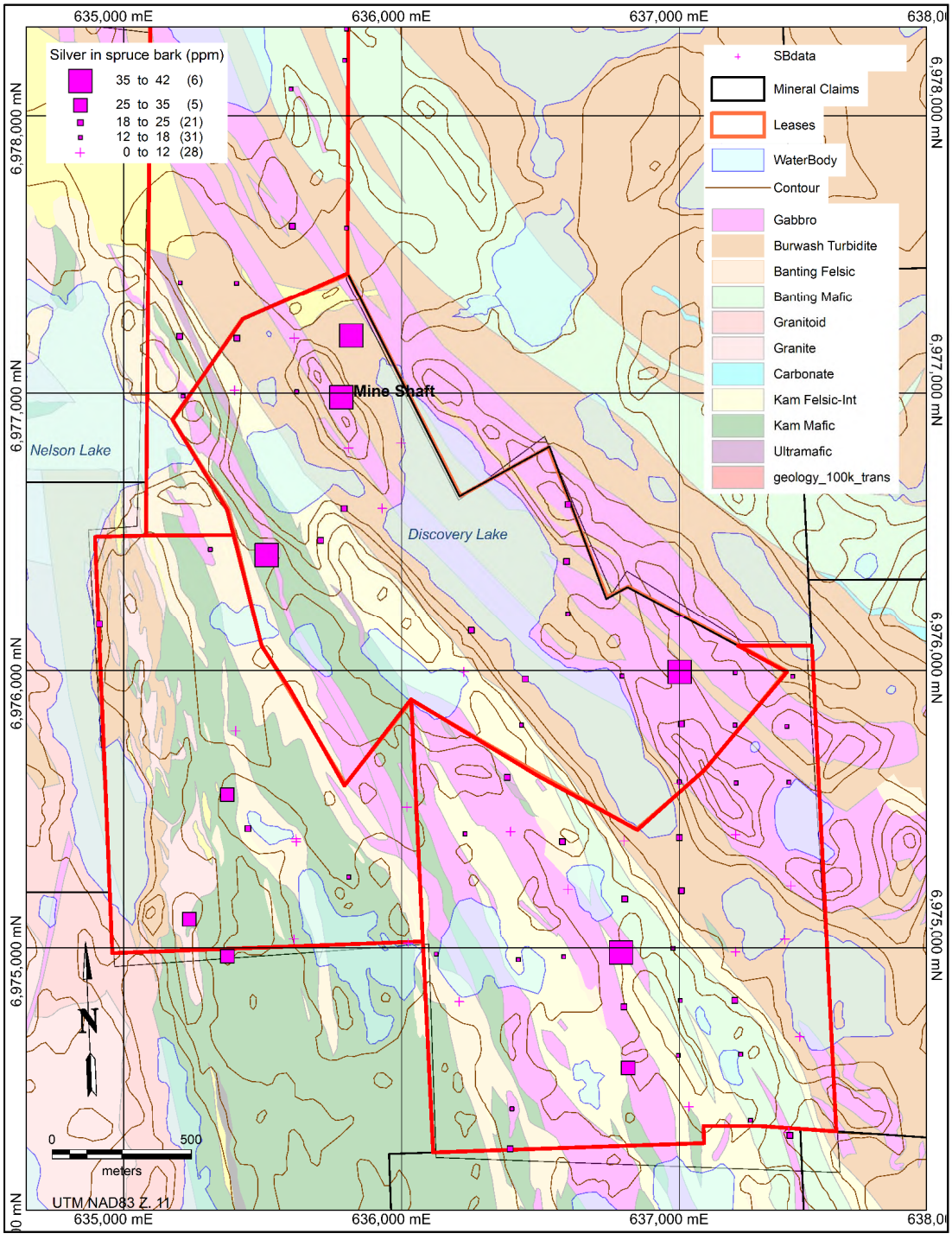


Figure 52. Silver in spruce bark on the Mon Property.

Elevated nickel concentrations appear to be associated with gabbroic rocks.

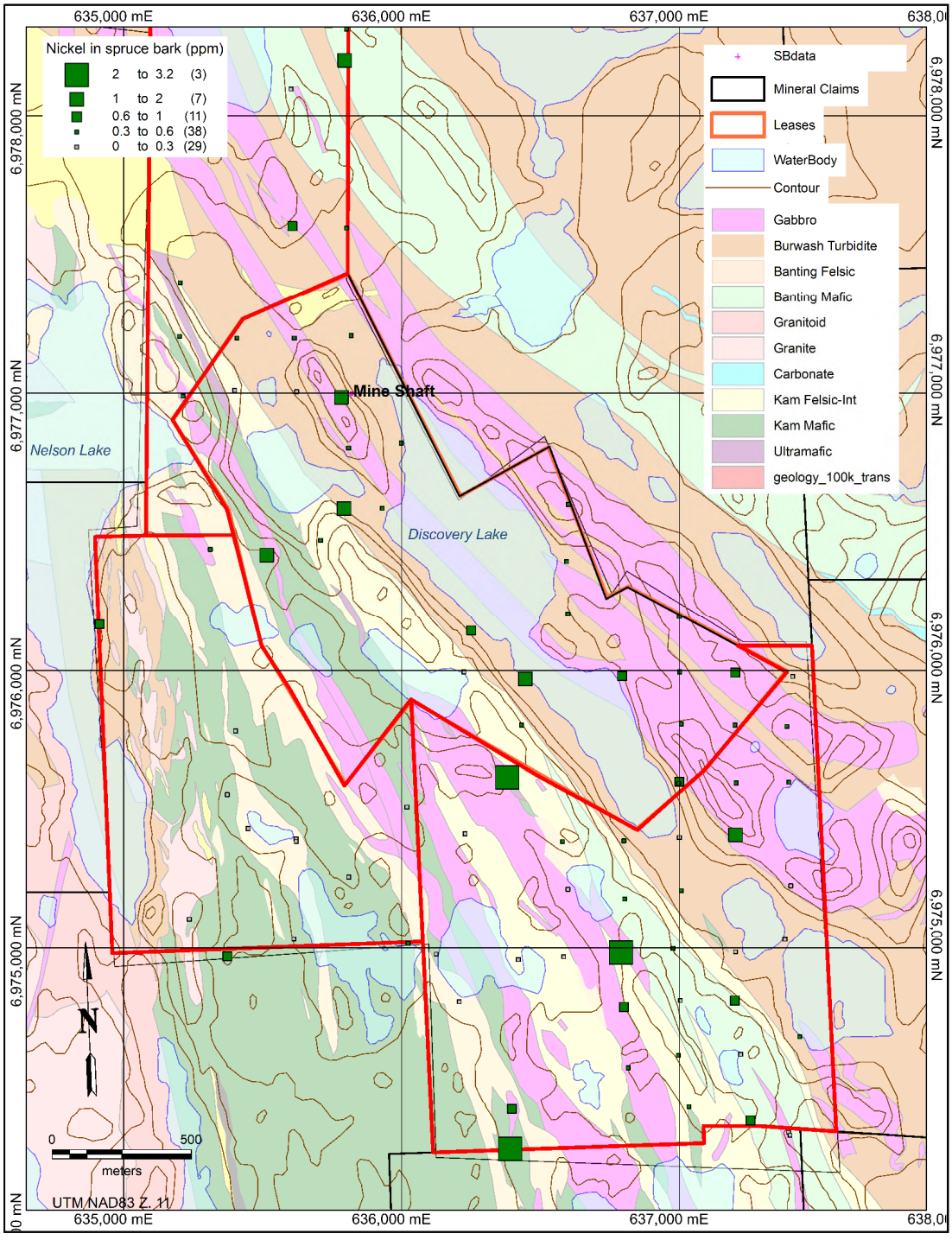


Figure 53. Nickel concentration in spruce bark on the Mon Property.

Elevated cobalt is associated with the gabbroic rocks, with the eastern gabbroic rocks showing a strong correlation.

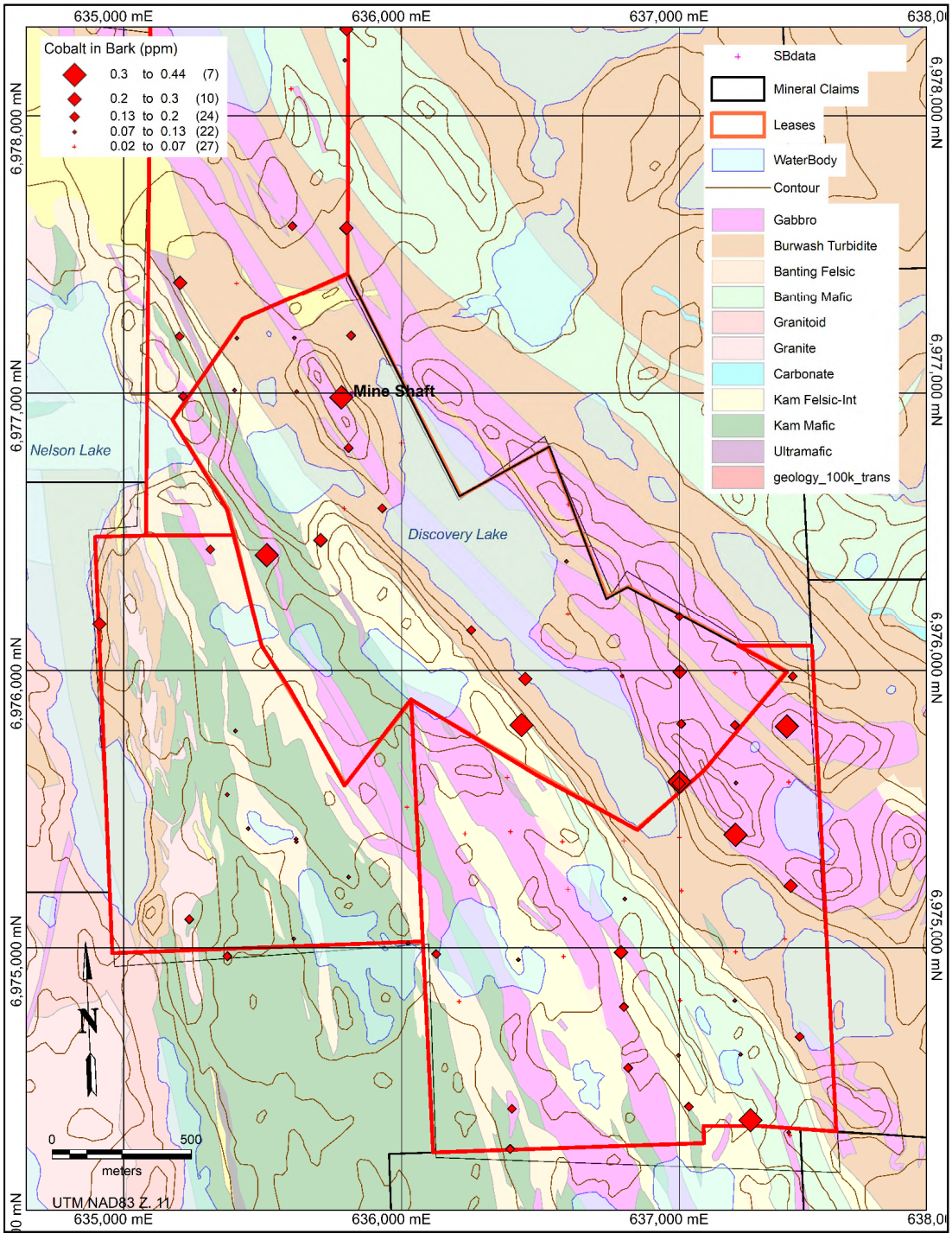


Figure 54. Cobalt concentrations in spruce bark.

Elevated phosphorus in spruce bark is associated with the eastern gabbroic unit, and at the western edge of the property near the base of the mafic volcanic sequence.

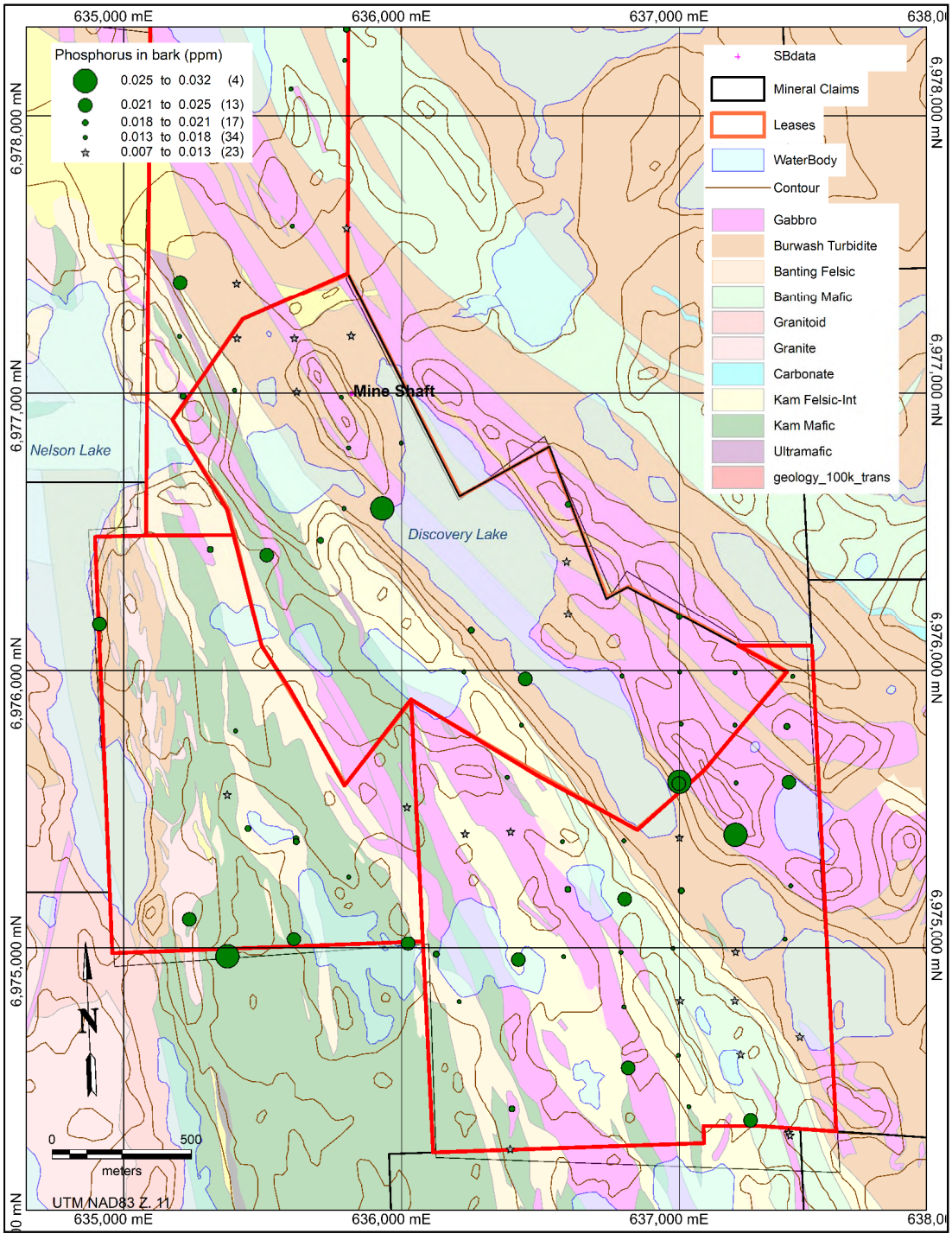


Figure 55. Phosphorus in spruce bark on the Mon Property.

Item 10: Drilling

No drilling has been completed since the Dupre (2017) Technical Report.

Item 11: Sample Preparation, Analyses and Security

All rock and biological samples were collected by hand from outcrops, plants.

11.1 Rocks

Rocks were collected in plastic bags, tagged and located by GPS. Short descriptions were taken and the samples were consolidated in camp. Consolidated samples were boxed or bagged in rice bags together with randomly inserted certified blanks or standards (from CDN Laboratories) for shipment to Bureau Veritas Laboratories' facilities in Yellowknife by Sixty's expeditor. Sample submission forms were provided at this time.

11.2 Biologicals

Spruce bark was collected every 200 m from generally parallel north-south lines across the property, separated by 200m in plastic bags tagged and located by GPS. The samples were consolidated in camp bagged in rice bags for shipment to Bureau Veritas Laboratories' facilities in Yellowknife by Sixty's expeditor. Sample submission forms were provided at this time.

Item 12: Data Verification

No data verification was completed on the biological sampling and analysis. Certain sites with elevated values were field checked to explain anomalies, and two new showings were discovered.

All lithological samples had certified reference materials submitted with them, and laboratory standards were provided with the analytical data. All reported acceptable results for the nature of the work completed.

Item 13: Mineral Processing and Metallurgical Testing

A single sample was collected from the crown pillar to supplement the metallurgical results from past production and the historical test results.

Three separate transects across the East Limb, Fold Nose (hinge) and West Limb of the A-Zone were sampled by mechanical hammer. The material was bagged and tagged, and delivered to Bureau Veritas Laboratories in Yellowknife where it was shipped to their metallurgical testing lab in Richmond B.C. for testing by gravity and flotation methods.

All samples were collected using an electric percussion hammer and located by tape and compass, bagged and tagged, sealed, delivered to Bureau Veritas Laboratories in Yellowknife and processed at their ISO/IEC 17025:2005 and ISO 9001:2015 metallurgical testing laboratory in Richmond, B.C. Bureau Veritas is independent of the Company. The sample was received, dried and weighed. Test grinds were completed and the samples were batched with a targeted grind of P80 -105µm.

Table 30. Results from metallurgical tests on crown pillar.

Composite ID	Sample Weight Tested	Head Grade, g/t Au		Gold Recovery, % Au		
	kg	Measured	Calculated	Gravity	Flotation	Overall
Composite 1	75.6	17.4	16.6	79.9	18.0	97.9
Composite 2	83.8	266.8	314.8	73.2	26.0	99.3
Composite 3	83.6	170.7	128.9	75.7	23.5	99.2
Composite 1+2+3	**243.0**	**156.2**	**158.0**	**76.1**	**22.7**	**98.8**

All assays by Bureau Veritas FAA550 1 assay ton sample. Average sample size = 1.8 kg.

This is consistent with historic test results and past operations.

Item 14: Mineral Resource Estimates

There have been no Resource Estimates on the Mon Property.

Item 15: Mineral Reserve Estimates

There have been no Reserve Estimates on the Mon Property.

Item 16: Mining Methods

Historically the vein has been accessed by 2.5 x 3m ramps and crosscuts from three portals. The South Portal (elevation 233.5m AMSL) accessed the South Ramp and was used to extract 2,085 tonnes from the eastern portion of the folded vein in 1989. This ramp and the East Stope have been filled with tailings. The Central Portal (elevation 229.7m AMSL) accessing a 2.5 x 3 m crosscut has been the main production ramp, accessing the eastern limb as well as the western limb of the A-Zone. The North Portal (elevation 230.9m AMSL) accessed a 2.5 x 3m crosscut that was driven to the hanging wall of the West Limb of the A-Zone. It then declined at -12% to the south in the hanging wall of the West Limb to elevation 216.3m where it crosscut into the West Limb of the A-Zone below the north-end of the West Stope (sill elevation 227.1 m). The ramp continued in the hanging wall for an additional 30 m to back elevation 212.7m.

The North Portal, Crosscut and Ramp was slashed to 3 x 4m to 216.3m elevation in 2021.

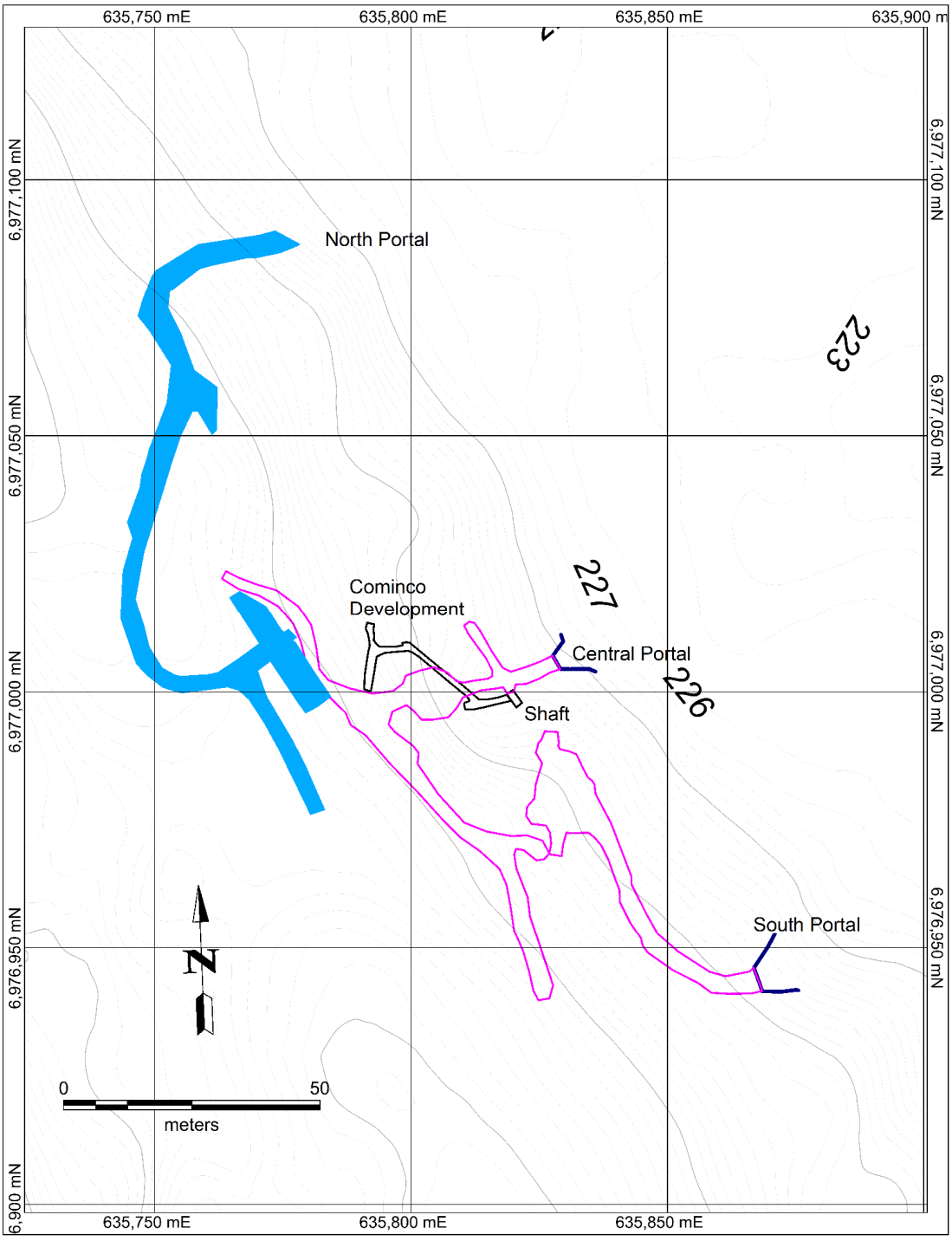


Figure 56. Historic development plus in blue, current development

Past mining on the A-Zone has included the three portals, adits and ramps and extraction of ore from the East and West Stopes. Figure 57 below shows an orthogonal model of the Mon Mine targeting the A-Zone quartz vein (in gold). The historic workings in purple,

the current workings in blue, and the planned workings in green are shown for reference.

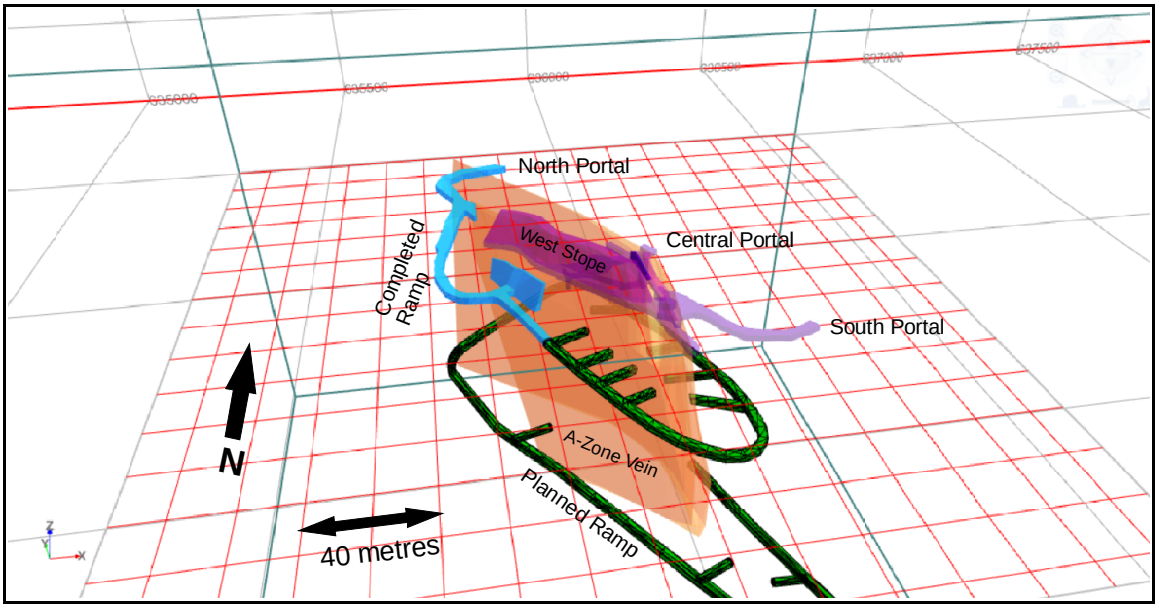


Figure 57. Oblique view to the north of an orthogonal model of the Mon Mine.

Current development of a 3 x 4 m ramp has advance to 17 m below the West Stope sill pillar. The planned ramp is designed to continue to the south before turning to the east and then to the north, following the folded A-Zone vein below the East Stope.

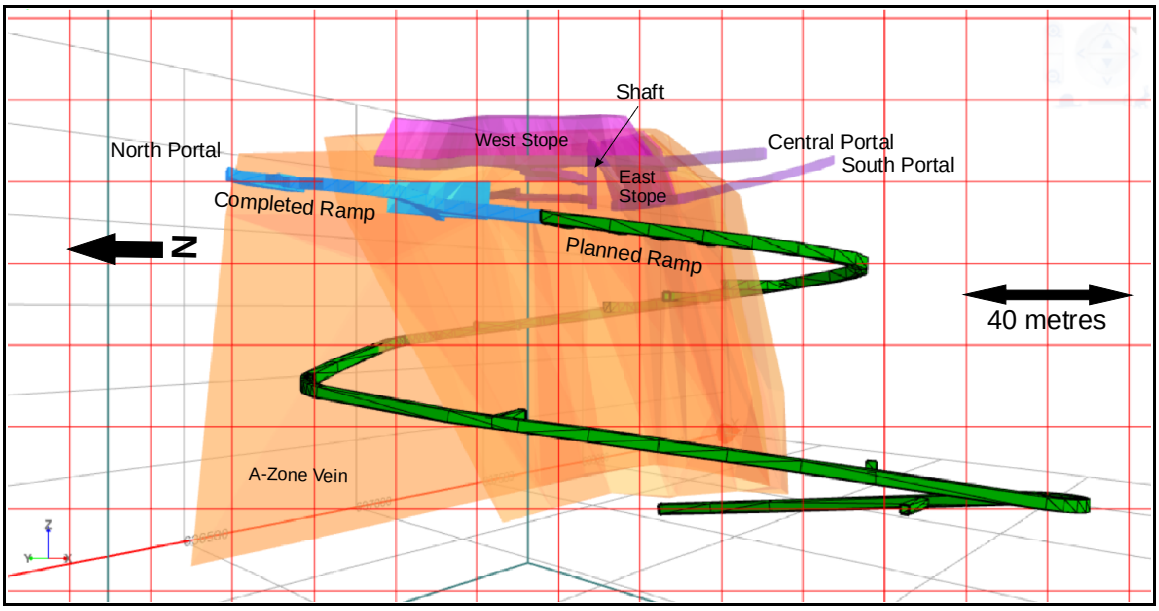


Figure 58. View to the east of an orthogonal model of the Mon Mine.

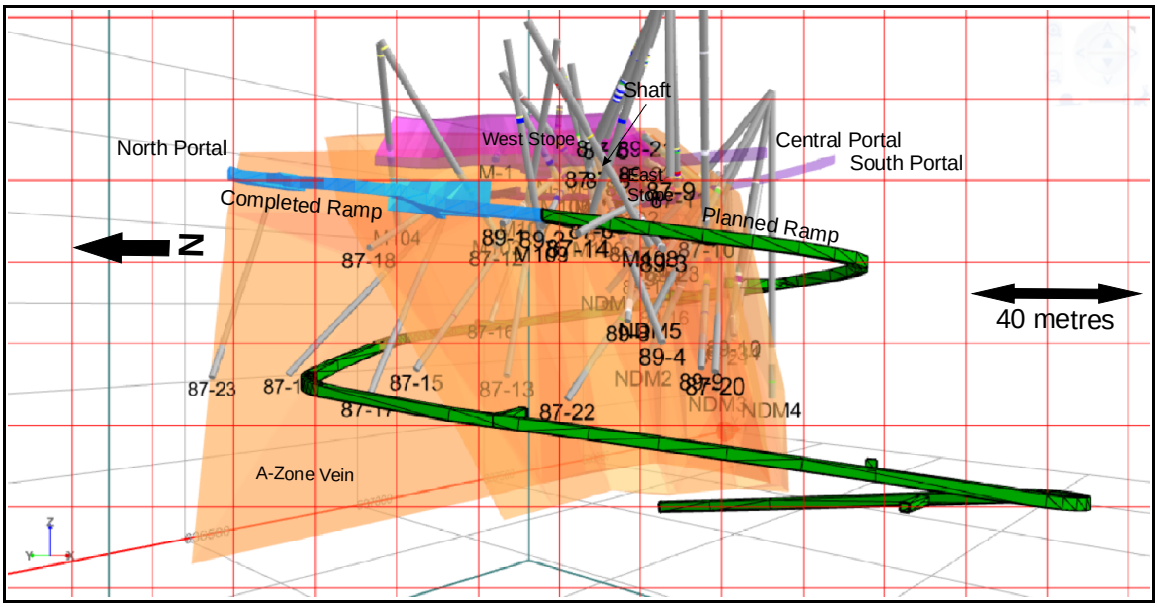


Figure 59. The same view as in the previous figure, with all diamond drill holes shown.

A 15 m thick slice on an inclined plan at azimuth 137 dipping -83° to the west shows the drill holes intersection the West Limb of the A-Zone.

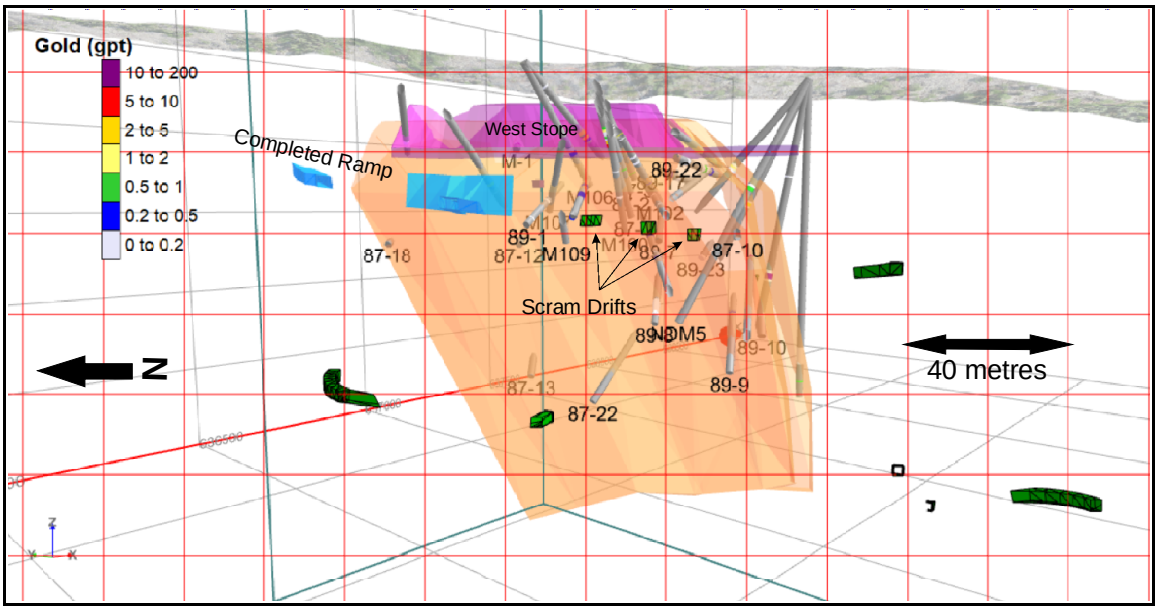


Figure 60. Inclined 15m thick section at Az 137/-83W of orthogonal model of Mon Mine.

The East Limb shows the same distribution of gold grades from historic drill holes, particularly below the East Stope.

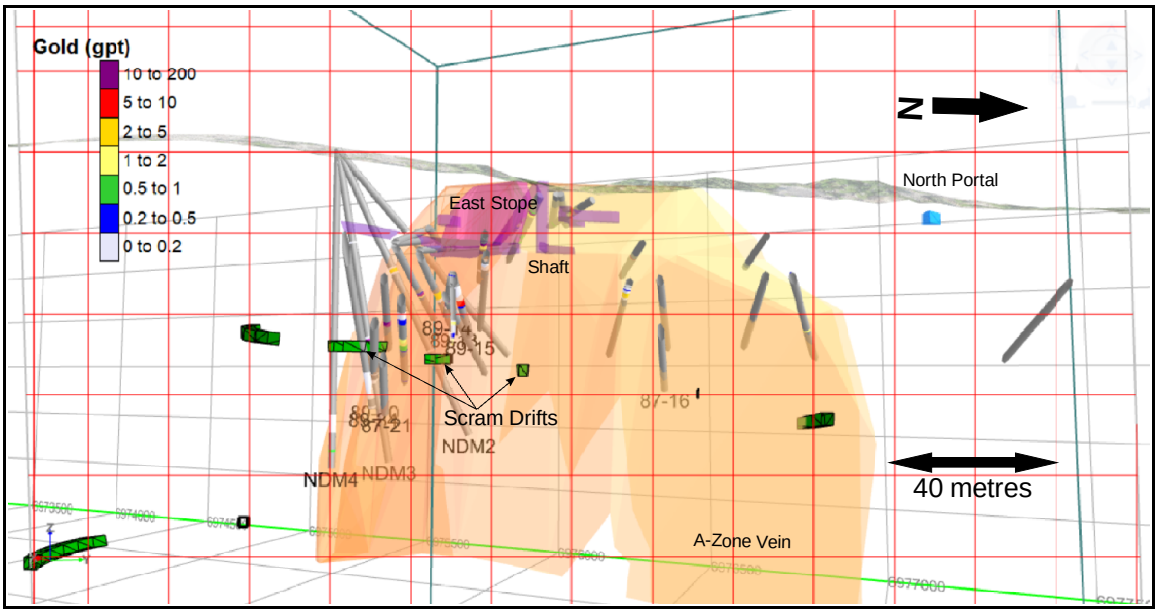


Figure 61. Inclined longitudinal section, 15 m thick along East Limb of A-Zone Az. 158° /-86° east.

Equipment

An electric hydraulic drill supported two 2-yard scooptrams and a 15 tonne low-profile underground truck has conducted all mining operations.

Photo 5. Electric hydraulic jumbo enroute to the ramp.

Photo 6. Two yard scooptram under cover for repairs.

A 15 yard mine truck provided longer haul capacity.

Photo 7. Scooptram loading 10 ton mine truck.

Slashing the decline was quick and efficient and in 2021 was completed for cost of $6,000 per meter (2021 audited annual financials).

Photo 8. Slashing the historic workings to a 3m x 4 m size.

Item 17: Recovery Methods

Metallurgical testing and historic operations in the 1990's support a crush/grind to P80% -74μm for gravity recoveries in the mid to high 80% range. Flotation recovers the balance to support a 98% recovery using these two methods. A coarser grind to P80% -105 μm would likely reduce the gravity recoverable gold to >70%, increase the flotation recoverable gold but produce a more manageable tailings product.

The mine is permitted up to 100 tpd.

Item 18: Project Infrastructure

A 20-man trailer camp with appropriate sewage treatment is installed on site. It is powered by a single diesel generator and supported by propane for furnaces and kitchen.

Mining equipment includes:

- Drill Jumbo 104E
- Scoop tram ST2D
- Scoop tram JS220
- Mine truck MT415
- Pickup truck - Dodge Ram 2500 - 2002
- Pickup truck - Dodge Dully 2001
- D6 bulldozer
- Fuel tank 75,000 l, delivered 2021
- Fuel tank 75,000 l, delivered 2022
- Generator container
- Generator 400 amp, 600 volt
- Generator 600 amp, 600 volt
- Generator for camp building
- Air compressor - diesel
- Air compressor - electric
- Sewage treatment container
- Pioneer-type diamond drill
- Miscellaneous stores and equipment

Item 19: Market Studies and Contracts

No market studies have been completed, nor have any sales contracts been entered into.

Item 20: Environmental Studies, Permitting and Social or Community Impact

The Mon Mine site was permitted to mine, mill, and build tailings storage facilities in 1990 under the NWT Land and Water Board. The was absorbed into the federal Mackenzie Valley Land and Water Board by the Mackenzie Valley Resource Management Act in

1998.

A Land Use Permit (MV2020C0003) was issued in 2020 for five years.

The permit entitles the Permittee to conduct the following land-use operation:

a) Advanced mineral exploration, mining and milling;
b) Storage of ore and Waste rock;
c) Construction, operation and remediation of a camp;
d) Construction, operation and remediation of milling facilities and associated infrastructure;
e) Use and storage of explosives;
f) Construction, use, maintenance and remediation of a Dry Stack Tailings Facility;
g) Construction, operation and remediation of a soil treatment facility;
h) Quarrying;
i) Use of equipment;
j) Use and storage of fuel; and
k) Use, construction, maintenance and remediation of winter access road from the Ingraham Trail to Discovery Lake and site roads and trails.

Subject to all standard conditions, Federal, Territorial, and Municipal laws.

In addition, and Water License (MV2020L2-0002) was issued for seven years.

The license entitles the Permittee to use Water and deposit Waste for advanced exploration, mining and milling activities at the Mon Gold Project.

The scope of this Licence includes the following:

a) Advanced mineral exploration activities, including bulk sampling;
b) Mining and milling;
c) Re-opening and securing of the North and South Declines;
d) Withdrawal of Water for domestic use, winter road Construction and maintenance, exploration, mining, and milling activities;
e) Storage of Waste Rock and ore;
f) Construction, operation and maintenance of a winter access road from the Ingraham Trail to Discovery Lake;
g) Construction, operation and maintenance of culverts;
h) Construction, operation and maintenance of site roads;
i) Construction, operation and maintenance of a camp;
j) Construction, operation and maintenance of a Sewage Disposal Facility;
k) Construction, operation and maintenance of milling facilities and infrastructure;
l) Construction, operation and maintenance of a Dry Stack Tailings Facility;
m) Fuel storage;
n) Storage and use of explosives; and
o) Progressive Reclamation and associated Closure and Reclamation activities.

Subject to all standard conditions, Federal, Territorial, and Municipal laws.

Community Consultations

New Discovery Mines commenced community consultations with the affected First Nations in 2010 and applied to the Mackenzie Valley Land and Water Board for permits to mine and explore in 2012. Community Consultations are ongoing and Community Consultation Plan is renewed regularly.

The site was grandfathered and public hearings were not required. The first Land Use permit for advanced exploration was issued in 2013 and a Water License for mining and milling was issued in 2014. In 2015 a Land Use Permit for Mining and a Water License for mining and milling was issued. This was renewed and issued again in 2020 (MV202C0003 and MV2020L2-0002), and will need to be renewed in 2025 and 2027.

All permits and licenses require various Management Plans to be submitted and approved, some on an annual basis.

NWT Mining Leases are required to provide use of the surface lands and have been issued (085J16035) expiring 2051.

Item 21: Capital and Operating Costs

Capital Costs

No independent economic analysis has been conducted, however a total of $4 million has been invested to commence development activities in 2021, this includes all necessary fuel, explosives, steel and lumber. This includes all necessary mining and support equipment to develop the ramp and cross-cuts and commence stope development and extraction.

Operating Costs

No independent economic analysis has been conducted. Mining operations in 2021 completed camp and infrastructure set-up, opening the North Ramp, installing services and slashing the existing ramp to 3 x 4m for 132 m. Total expenditures on the property as reported in the audited financial statements were $1,169,732 which excludes an exploration advance of $570,718. Administrative costs of $649,905 and equipment costs of $198,077 which if deducted from the total 1,740,450 expenditure would leave a direct expenditure of $892,468 expended on operations. Expenditures of $6,761 per m slashed in a -15% ramp works out to a cost of $45,074 per vertical meter.

Item 22: Economic Analysis

No independent economic analysis has been conducted, however the 2021 program that includes a winter road construction and fuel, explosive and supply haul shows the total expenditures on the Mon Property in 2021 are reported in the October 31, 2021 audited financial statements.

During this period the camp was opened, equipment set up and leveled, the portal was opened requiring the removal of 160 m^3 of fill. The portal timbers were installed, together with fans, pumps, and piping. COVID restriction caused delays in obtaining spares and some basic spares and support equipment.

The ramp was slashed and advanced 132 m from portal back elevation of 231m AMSL to back elevation 221.6 m, including all surveying, bolting, strapping, and screening. Underground sumps were installed at floor elevation 225 m.

Each slash would take one shift to set-up, drill, load, blast, muck, bolt, and every 7 days +/- to advance services.

Including in the total costs some are one-time items (opening the portal and setting timbers at the portal) the total cash cost of development was $6,761 per m advance excluding equipment costs, but includes fuel, explosives, timber and steel.

Item 23: Adjacent Properties

The Mon Property is located in the center of the 100 km long Yellowknife Gold Belt.

- The Con Mine is 50 km to the south of the Mon Property and it produced 6 million ounces of gold from 10.9 million tonnes of ore to a depth of 1,900 m below surface.
- The Giant Mine is located 40 km south of the Mon Property and it produced 8 million ounces of gold from 14.5 million tonnes of ore to a depth of 900 m below surface.
- The Discovery Mine is located 45 km north of the Mon Property and it produced 1 million ounces of gold from 0.9 million tonnes of ore to a depth of 1,200 m below surface.
- The Nicholas Lake Deposit is located 55 km north of the Mon Property and it hosts 280,000 ounces of gold
- The Ormsby Zone is located 42 km north of Yellowknife and it hosts 1,23 million ounces of gold.
- The Goodwin Lake VAD Zone is located 20 km north of the Mon Property and it hosts 33,000 ounces of gold.
- The Clan Lake Main Zone is located 4 km northeast of the Mon Property and it hosts 200,000 ounces of gold.

Item 24: Other Relevant Data and Information

Historically mines in the Yellowknife Gold Belt started operations at 100 tpd and expanded as resources were developed. Diamond drilling seemed to be ineffective to define resources as shown at the Con Mine (Figure 62). The average grade of the surface trench samples exposes a higher-grade section grading 17 gpt gold over an average width of 1.2 m for 25 m of strike length within a shear zone that averages 11.4 gpt gold over 100 m of strike length. Fourteen diamond drill holes returned an average grade of 5.3 gpt over a

width of 2.2 m in this shear zone or less than half the grade found in the surface trenches and less than a third of the grade of the higher-grade section found in surface trenches.

Seven separate stopes were developed in this portion of the shear zone extracting 47,100 tonnes of ore that were processed to recover 34,500 troy ounces of gold indicating a grade of 22.84 gpt gold. No reasons for this discrepancy have been suggested.

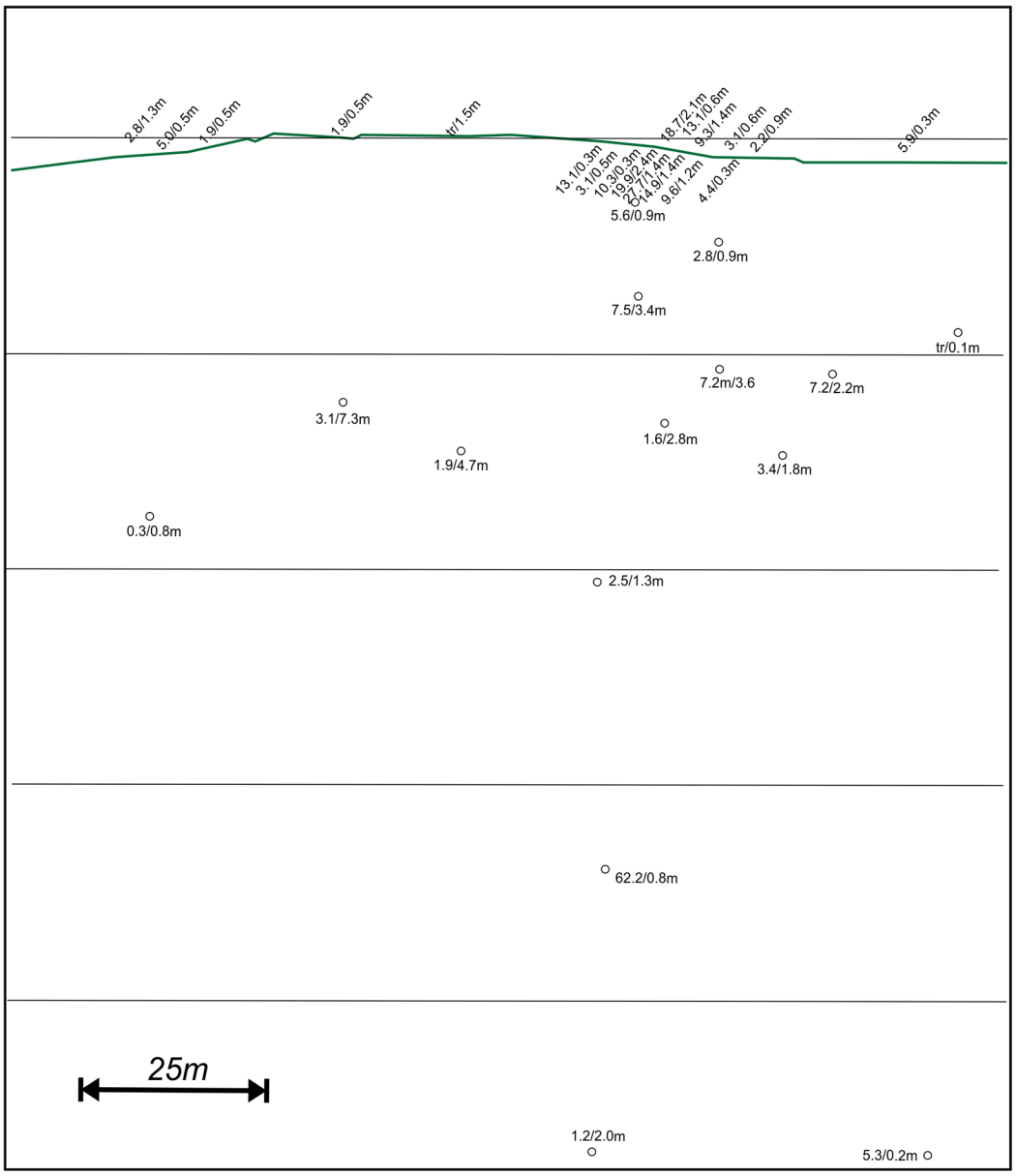


Figure 62. East-facing longitudinal section through Con C-4 Shear Zone from Hauser and McDonald (2002).

The Discovery Mine 50 km north of the Mon Property hosts a very similar gold deposit where a folded stratabound non-stratiform quartz vein yielded 1 million ounces of gold from 1 million tons of ore between 1949 and 1969. This low-sulphide quartz vein was developed to 1,200 m below surface. The vein is hosted in Burwash metasediments adjacent to an altered mafic igneous unit.

Figure 63. Plan view of the Discovery Mine with the folded quartz vein shown in red with 100 m grid.

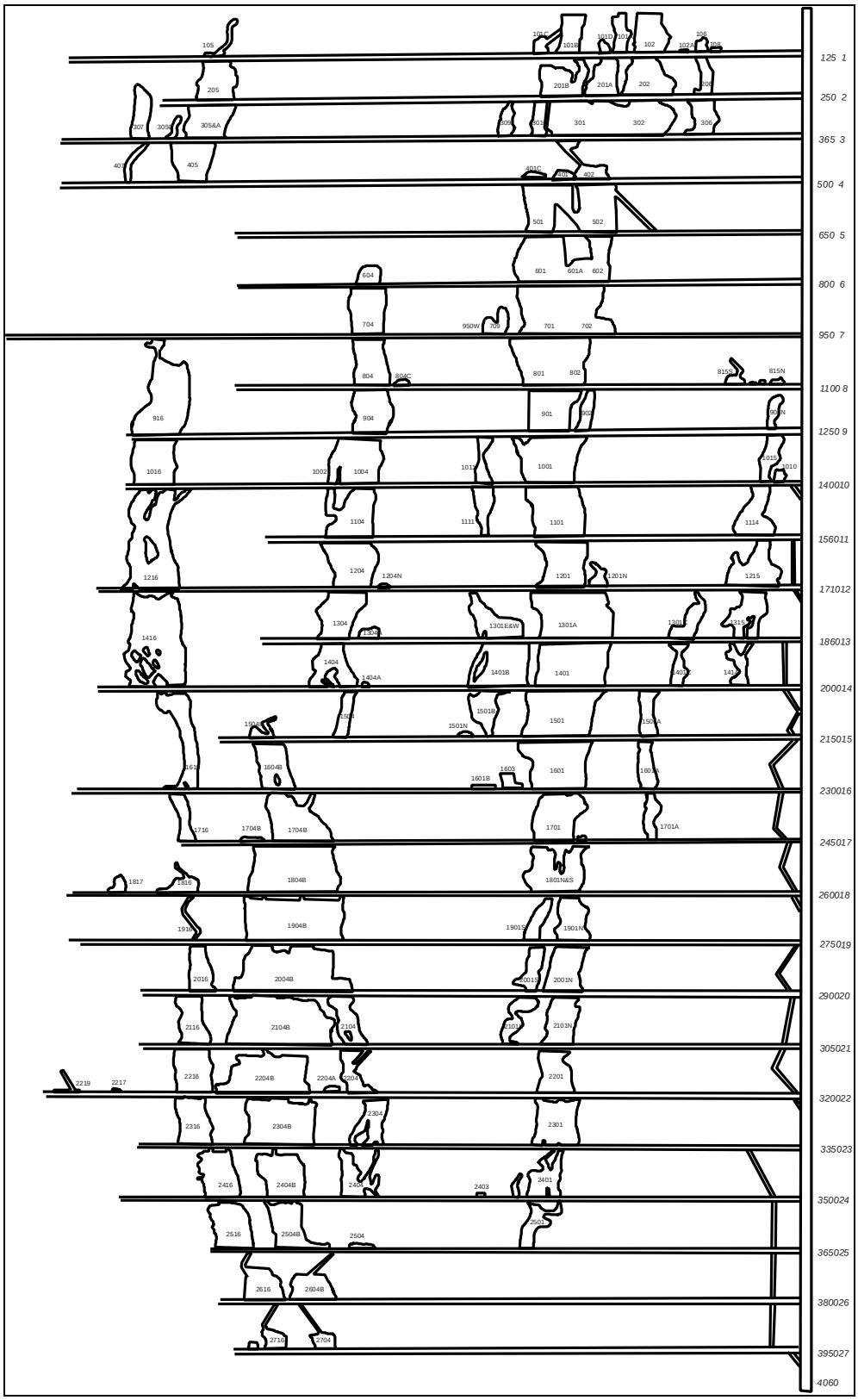


Figure 64. Unwrapped east-facing longitudinal section of the Discovery Mine

Assays collected during production referred to as assay plans at the mine show an inhomogeneous distribution with roughly 1/3 of the samples within the 901 stope returning <3.5 gpt gold and a further 1/3 of the samples yielding less than the average production grade.

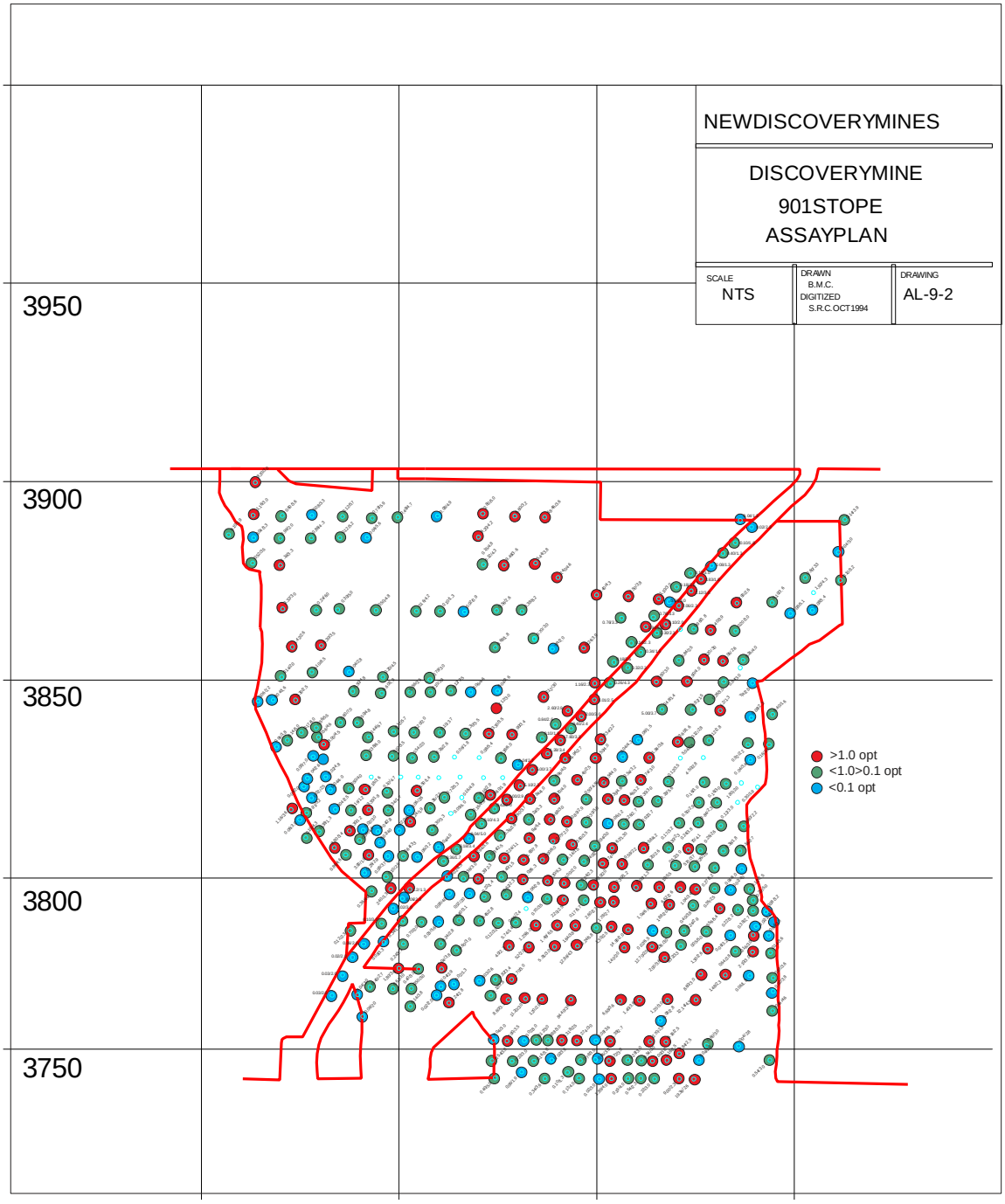


Figure 65. Longitudinal section of assay grades from production sampling in 901 stope, Discovery Mine

Item 25: Interpretation and Conclusions

The Yellowknife Greenstone Belt hosts numerous structurally-controlled gold deposits and showings throughout its length. The largest gold deposits occur in the largest structures, cross-cutting Kam Group mafic rocks and associated mafic intrusions. These shear zones are retrograde metasomatic events on amphibolite to upper greenschist grade rocks, associated with abundant water and carbon dioxide with lesser silica and acidic solutions accompanied with variable sulphides. Common minerals associated with gold mineralization include pyrite, pyrrhotite, arsenopyrite, sphalerite, galena, and occasionally scheelite and tourmaline.

No sediment-hosted gold deposits have yielded economically significant gold deposits except Discovery Mine, which is within meters of a significant mafic igneous unit and included some ore from this unit. The Mon A-Zone is hosted within metasedimentary rocks at the contact of a mafic igneous unit.

The similarities of the Mon A-Zone to the Discovery Mine, matching geological setting, alteration (intense and extensive alkali metasomatism), mineralogy (native gold, pyrite, galena, sphalerite, arsenopyrite), structure (stratabound non-stratiform), recoveries (high 90's, non-refractory)), and grade (average 30 gpt) make this poorly reported deposit very prospective.

Development of the Mon Property occurred in spurts with rapid advancement from surface trenching which had provided spectacular values over economically material widths to essentially halting on negative results from the shaft and underground development work. It is clear that high-grade gold values in quartz veins intersected the shaft and should have been observed by competent geologists and miners. It is unclear how the rich gold-bearing quartz vein was not reported.

Work by Jack Stevens on the high-grade surface exposure removed a reported 200 tonnes of ore, and the remaining vein was still broad, long, and high-grade (averaging 34.30 gpt over 1.2 m). As such, it is likely that Jack Stevens removed around 200 ounces of gold. The residual surface material was trenched down by Eggenberger who removed another 3 to 4 m of the surface exposure. This left a new trench floor or sill pillar exposed for 45 m grading 116.34 gpt over 1.1 m, calculated to represent just over 400 tonnes and 1,600 ounces of gold. Tailings produced during this operation were sampled and indicate a higher head grade than was reported at reported recoveries.

Diamond drilling and other isolated sampling has been shown to be ineffective at evaluating the grade of high-grade inhomogeneous gold deposits. Bulk sampling has shown to be a more effective way to evaluate these deposits.

Item 26: Recommendations

A-Zone

There is substantial potential on the Mon Property for high-grade underground mine development and operations with on-site milling. Diamond drilling and limited isolated sampling has proven to be ineffective at some of the most profitable gold mines in the Yellowknife Gold Belt. There is a history of questionable reporting and inaccurate reconciliations.

A large bulk sample or small-scale initial production is recommended. Systematic sampling by registered professionals with sufficient QA/QC with independent confirmation should be conducted.

The North Ramp should be driven to the southern extent of the A-Zone and be driven to the east and then north to access both limbs of the A-Zone. Shrinkage stopes should be developed so larger samples can be collected and assessed with the intent to mill on site.

Diamond drill platforms should be prepared along the ramp to test the next 20 to 4o meters of vertical elevation at a minimum so additional levels can be developed. These would be part of a a "drill for structure" with limited resource grade estimation potential.

Shear Zone Gold

A number of shear zones have been identified or inferred with minor peripheral shear zones that host potentially economically significant gold values should be assessed. These are hosted in Yellowknife Supergroup volcanic rocks thought to be correlative to the Kam Group. Carbon isotopes and structural analysis may focus drill testing these topographically recessive targets.

Volcanogenic Massive Sulphides

Stratiform base metal sulphides enriched in zinc and lead, and to a lesser extent copper and cobalt with elevated silver and gold values have been identified and recently flown with a VTEM Plus © airborne survey that has identified extensions and stratigraphic anomalies within the favourable horizons. These should be systematically drill-tested to assess the potential on the property.

Iron Oxide Copper Gold

A single showing of very elevated nickel and cobalt values have been identified within a large unit mapped as a gabbro. In highly mineralized areas this unit is composed of up to 83% albite with significant hematite. There are minor magnetic and electromagnetic anomalies associated with this unit. Further prospecting and mapping and follow-up on some weak conductive anomalies should be completed.

Budget

It is recommended that development of the A-Zone continue in two phases. The first phase would prepare the second level of the mine at 20 m+/- below the first level for mining. Approximately 100 m of 3 x 4 m advance on the North Ramp will allow for three or more 15 m scram drifts to intersect the vein where historic drill holes had shown it to be. Conventional shrinkage stope development will require one to two raises in each stope with draw points to be developed as warranted. A total of 2,000 tonnes of vein material should be extracted for grade confirmation by development chip and muck sampling. Diamond drilling from the ramp to test for the A-Zone structure below the second level would be done if the stope development supports further work. All required mining equipment plus spare parts, fuel and explosives are owned and are on the property.

Table 31. Proposed budget Phase 1. NOTE THAT THESE ARE NOT ENGINEERED NUMBERS.

Item	Estimated Cost	Goal
Camp and domestic support	$80 per man per day. Total $80,000	Support all mining activities
100 m 3x4m ramp development	$6,000 per m advance. Total $600,000	To access second level
Scram drifts 2.5x2.5m	$2,000 per m advance Total $160,000	To access vein at second level
Raises, 1.5x1.5m	$1,500 per m Total $90,000	To access vein
Stope vein	$150 per tonne extracted Total $300,000	To collect 2,000 tonne bulk sample
Subtotal	**Total $1,230,000**	

A second phase would occur if the results from the phase one program successfully demonstrate vein material in sufficient quantities at similar grades to the historic operations is confirmed. Continued mining would support a 100 tpd crush grind gravity plus float mill. A dry stack tailings site has been approved. Permits for this already exist..

A 100 tpd mill has been sourced and quoted from Henan Xingyang Mining Machinery Manufactory for US$150,000. A duplex jig, thickener and filter are required to complete this package.

Table 32. Proposed budget Phase 2. NOTE THAT THESE ARE NOT ENGINEERED NUMBERS.

Item	Estimated Cost	Goal
Camp and domestic support	$80 per man per day. Total $120,000	Support all mining activities
Capital items plus assembly 100 tpd mill plus support	$500,000	Purchase and install mill
Continued 3x4m ramp development	$6,000 per m advance. Total $600,000	To start access to third level
Scram drifts 2.5x2.5m	$2,000 per m advance Total $160,000	To access more vein at second level

Raises, 1.5x1.5m	$1,500 per m Total $90,000	To access more vein
Stope vein	$150 per tonne extracted Total $2,250,000	To extract 15,000 tonnes of vein
Operate Mill, Store Tailings	$100 per tonne processed Total $1,700,000	Process 17,000 tonnes
Resupply operations	$300,000 fuel $50,000 explosives $400,000 road $100,000 miscellaneous	Prepare for continuing operations
Subtotal	**Total $ 6,270,000**	

The mill is designed to produce both dore gold and flotation concentrate from the 17,000 tonnes of vein mined and processed.

Item 27: References

Bleeker, W. and Ketchum, J., 1998, The Central Slave Basement Complex: Its autochthonous cover, decollement, and structural topology. *In* Current Research, Part C. Geological Survey of Canada, Paper 98-1C, pp. 9-19.

Cominco Progress Report, Mon Group, July 1958, H.B. Denis.

Dupre, D.G. and Fitzpatrick, K. 2017. Technical Report, Mon Gold Property, Northwest Territories, Canada.

Geotech Report Project GL180341. 2018. VTEM™ plus Report on Airborne Geophysical Survey for New Discovery Mines Ltd./Sixty North Gold Mining Ltd. Internal corporate report.

Helmstaedt H., and Hounsell, G.B., 2002. Yellowknife Greenstone Belt Compilation, Digital Map.

Houser R., and McDonald, D. 2002. Miramar Con Mine, Yellowknife Guidebook.

Jackson, V., 1999, Bell Lake Area EGS 1998-12, NWT Geology Division, Indian and Northern Affairs Canada, Yellowknife, 1 map, scale 1: 10 000.

Jackson, V.A., and Cousens, B.L., 2006. Geology and geochemistry of the Bell Lake Volcanic Complex and its relationship to the Yellowknife Greenstone Belt. In Gold in the Yellowknife Greenstone Belt, Northwest Territories: results of the EXTECH III multidisciplinary research project; by Anglin, C D (ed.); Falck, H (ed.); Wright, D F (ed.); Ambrose, E J (ed.); Geological Association of Canada, Mineral Deposits Division, Special Publication no. 3, 2006 p. 49-57

Jolliffe, A.W., 1987, The History of Yellowknife Geology; *In* Padgham, W.A., ed. Yellowknife Guide Book: A Guide To The Geology Of The Yellowknife Volcanic Belt and Its Bordering Rocks. Mineral Deposits Division, Geological Association of Canada

Lord, C. S., 1951, Giant Yellowknife Gold Miners, Limited. Geological Survey of Canada Memoir 261.

Mira Geoscience, 2020, 60 North Gold Mon Gold VTEM Interpretation and Modelling. Internal corporate report.

Regular, M., 2017. Compilation Report Licenses F76513, F76514, F76516, F81057, F81058, F82027, F82028, F82038, F82039, & F82040. Hangstone Property, Sito Lake NTS 085J/16, Quyta Lake Northwest Territories.

Webb, D.R., 1992. The Geochemistry and Structural Controls of Auriferous Shear Zones at Yellowknife, Mackenzie District, Northwest Territories, Canada. Pp. 393. Ph.D. thesis, University of Western Ontario.

Webb, D.R., 2019. Assessment Report on Biogeochemical sampling (NDM-1, 2 and 3), Prospecting (NDM-2 and 3), Geological Mapping (NDM-2 & eastern half NDM-3) and Trenching (NDM-2)

Appendixes

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: June 29, 2018
Report Date: July 27, 2018
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN18001548.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-01
P.O. Number
Number of Samples: 139

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	137	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	2	Sort, label and box pulps			VAN
AQ251	139	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	34	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	34	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	5	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195001	Rock	2.05	0.30	93.05	520.32	1183.4	3352	14.2	24.5	40	5.60	>10000	<0.1	3550.7	<0.1	1.0	17.53	44.10	0.63	14	0.02
3195002	Rock	1.40	0.18	81.14	10.70	97.5	187	8.7	44.8	436	4.47	287.2	<0.1	6.9	0.2	4.7	0.41	0.57	0.03	181	1.72
3195501	Rock	0.82	0.19	54.59	7.46	169.3	47	112.0	38.1	904	4.13	105.1	0.1	2.3	1.1	60.3	0.21	0.87	0.04	138	2.18
3195502	Rock	0.83	1.50	55.79	4.88	108.9	111	3.3	1.3	133	2.49	5.0	<0.1	0.8	0.6	7.1	1.18	2.78	0.16	19	0.14
3195503	Rock	1.03	0.14	94.43	2.21	24.0	50	275.2	65.4	699	2.75	33.7	<0.1	8.2	0.3	52.8	0.04	3.05	<0.02	181	2.32
3195504	Rock	0.88	0.53	40.22	4.25	263.3	64	5.4	4.1	490	2.79	12.2	0.4	5.7	2.5	27.1	0.66	2.32	0.14	11	0.96
3195505	Rock	1.83	1.33	43.51	11.70	28.5	89	2.0	0.6	473	4.60	10.8	0.9	5.5	9.4	40.4	0.04	6.24	0.15	11	0.17
3195506	Rock	0.30	0.14	92.58	1.03	53.3	40	94.0	27.6	670	2.44	5.4	<0.1	5.9	1.0	39.1	0.07	0.42	<0.02	131	1.82
3195507	Rock	1.40	0.18	240.42	0.52	49.4	29	72.7	28.8	3807	11.63	2.3	0.1	2.8	0.6	12.5	0.14	0.26	0.15	93	6.56
3195508	Rock	0.38	2.09	56.02	2.71	218.4	34	109.3	57.8	1634	8.73	7.4	0.4	5.4	1.0	93.6	0.23	0.92	0.06	434	2.05
3195509	Rock	0.98	0.17	8.68	3.93	32.9	5	4.5	1.8	416	1.83	3.0	1.1	3.5	10.0	6.6	0.01	0.48	<0.02	11	0.06
3195510	Rock	1.74	1.07	103.81	10.28	39.8	294	70.7	8.8	617	17.22	84.7	0.5	9.9	3.3	21.6	0.05	4.42	0.22	55	0.31
3195511	Rock	0.65	0.23	113.48	1.85	32.1	70	39.6	11.6	373	15.13	8.2	<0.1	3.7	0.7	11.8	0.04	0.60	0.03	71	1.04
3195512	Rock	0.87	0.22	30.65	11.67	91.6	42	120.4	35.6	956	4.35	43.7	<0.1	2.1	1.2	104.6	0.05	2.69	<0.02	271	2.72
3195513	Rock	1.09	0.16	15.22	5.19	48.8	91	5.4	2.8	867	2.28	2.2	1.8	1.4	11.6	32.2	0.05	1.72	0.11	8	0.89
3195514	Rock	1.16	0.17	71.11	3.15	22.4	51	565.4	86.9	899	4.12	210.7	<0.1	8.0	0.4	72.5	0.04	9.46	0.03	93	2.29
3195515	Rock	0.93	0.21	5.76	2.29	8.0	12	4.9	1.1	292	0.78	5.3	1.0	0.7	9.1	13.8	0.02	1.84	0.02	3	0.61
3195516	Rock	1.06	0.19	74.32	0.75	42.8	30	68.5	23.0	974	2.64	1.2	<0.1	3.3	1.1	17.7	0.11	0.25	<0.02	104	2.37
3195517	Rock	0.68	0.18	15.96	1.13	41.3	17	40.6	19.0	578	2.15	5.3	<0.1	1.6	1.1	22.1	0.05	0.44	<0.02	122	2.20
3195518	Rock	0.46	0.13	6.39	0.56	5.7	<2	1.0	0.3	49	0.27	0.6	<0.1	0.8	<0.1	2.5	0.01	0.04	<0.02	<1	0.03
3195519	Rock	0.63	0.35	67.95	1.44	80.1	94	38.3	13.2	441	5.02	1.0	<0.1	0.8	0.3	6.1	0.02	0.40	0.13	320	0.10
3195520	Rock	0.29	0.12	20.43	0.43	50.1	6	237.9	32.9	279	3.41	5.6	0.2	0.5	1.0	7.3	0.02	0.27	<0.02	32	0.53
3195521	Rock	1.21	0.18	103.96	2.16	73.5	44	133.8	46.4	760	6.75	1.3	<0.1	2.0	0.6	36.9	0.08	1.37	0.03	154	2.14
3195522	Rock	0.99	0.14	117.68	1.19	28.0	38	139.6	20.7	260	2.26	33.8	0.2	3.5	1.4	10.6	0.05	0.48	0.03	45	0.91
3195523	Rock	1.36	0.50	19.07	3.30	32.8	33	13.0	3.2	1622	5.72	2.3	1.1	0.3	9.8	39.1	0.05	1.59	0.18	18	0.87
3195524	Rock	0.56	0.59	11.58	4.58	41.3	52	1.7	1.1	375	2.23	1.7	1.0	0.4	10.8	8.2	<0.01	0.67	0.12	11	0.05
3195525	Rock	1.10	0.28	10.60	10.05	23.5	79	5.4	3.4	320	2.30	>10000	1.3	37.6	12.2	4.8	0.09	10.53	0.38	10	0.05
3195526	Rock	1.11	0.32	11.73	15.89	38.8	48	7.4	3.3	329	2.41	9608.7	1.6	35.4	13.7	4.5	0.19	8.74	0.39	13	0.06
3195527	Rock	0.51	0.15	5.08	0.88	5.8	23	2.5	2.3	48	0.97	8036.8	<0.1	14.5	0.3	1.7	0.01	8.41	0.18	<1	<0.01
3195528	Rock	0.49	0.14	462.31	1.03	69.6	178	95.9	29.8	285	3.40	13.6	<0.1	16.6	0.4	1.6	0.12	0.69	0.04	61	0.60

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195001	Rock	0.001	<0.5	2.1	0.04	10.6	0.005	<1	0.07	0.007	<0.01	1.4	0.7	0.02	2.88	360	1.2	0.31	0.5	2304	
3195002	Rock	0.024	1.6	1.3	1.00	21.3	0.082	3	1.68	0.155	0.02	0.5	14.0	0.02	0.10	12	<0.1	<0.02	5.7		
3195501	Rock	0.045	4.1	193.8	1.73	76.0	0.097	7	4.39	0.233	0.17	2.0	9.4	0.12	0.29	8	0.2	0.03	9.6		
3195502	Rock	0.007	0.8	19.0	0.07	34.0	0.030	<1	0.41	0.057	0.10	0.4	1.7	0.12	0.16	13	0.4	0.23	2.3		
3195503	Rock	0.025	2.0	507.2	1.09	242.7	0.122	2	3.48	0.443	0.90	<0.1	13.9	0.40	0.04	<5	<0.1	0.03	9.2		
3195504	Rock	0.037	8.8	7.3	0.25	47.5	0.011	3	1.13	0.148	0.20	<0.1	1.7	0.26	0.56	154	0.4	0.18	4.1		
3195505	Rock	0.018	23.4	7.4	0.64	85.0	0.023	5	1.35	0.098	0.67	<0.1	1.9	1.17	0.40	51	0.6	0.19	5.9		
3195506	Rock	0.031	4.1	172.1	0.80	279.5	0.097	<1	2.87	0.311	0.47	<0.1	10.5	0.39	<0.02	<5	<0.1	<0.02	7.1		
3195507	Rock	0.022	4.8	85.9	1.52	40.3	0.024	<1	2.40	0.019	0.01	<0.1	6.1	<0.02	0.13	<5	0.4	0.19	7.4		
3195508	Rock	0.028	20.4	302.6	1.74	765.9	0.473	4	7.25	0.384	3.60	<0.1	46.1	0.83	0.04	<5	0.3	0.02	20.6		
3195509	Rock	0.011	34.8	4.5	0.76	88.9	0.072	1	1.41	0.065	0.84	<0.1	2.7	0.51	0.03	<5	<0.1	<0.02	6.9		
3195510	Rock	0.021	6.4	190.2	0.57	108.0	0.081	<1	1.12	0.052	0.75	0.1	4.7	0.90	1.44	9	1.5	0.28	7.3		
3195511	Rock	0.022	1.8	71.6	0.39	49.2	0.044	<1	0.85	0.119	0.17	<0.1	4.9	0.18	1.35	<5	0.7	<0.02	4.0		
3195512	Rock	0.040	4.8	180.8	0.91	233.0	0.149	6	5.40	0.441	1.23	<0.1	19.4	3.31	0.61	<5	<0.1	0.03	14.1		
3195513	Rock	0.013	56.1	4.1	1.39	63.0	0.066	6	2.21	0.080	0.32	0.2	2.9	0.14	<0.02	<5	<0.1	<0.02	7.1		
3195514	Rock	0.022	3.0	967.1	2.03	213.8	0.212	2	3.95	0.069	1.56	0.1	6.4	0.38	0.14	<5	0.2	0.15	6.6		
3195515	Rock	0.014	40.4	7.4	0.09	48.0	0.011	<1	0.32	0.060	0.14	<0.1	0.6	0.03	<0.02	12	<0.1	<0.02	1.3		
3195516	Rock	0.029	3.0	128.7	0.66	66.3	0.089	<1	1.92	0.245	0.29	<0.1	10.4	0.13	0.03	<5	<0.1	<0.02	5.3		
3195517	Rock	0.036	4.3	94.4	0.90	33.7	0.073	<1	2.15	0.252	0.12	<0.1	8.6	0.11	<0.02	16	<0.1	<0.02	6.2		
3195518	Rock	<0.001	<0.5	3.0	<0.01	2.2	<0.001	<1	0.01	0.009	<0.01	<0.1	0.1	0.04	<0.02	<5	<0.1	<0.02	<0.1		
3195519	Rock	0.038	1.8	296.2	0.80	315.5	0.157	<1	2.22	0.075	1.14	0.1	35.0	1.05	0.47	<5	0.6	0.15	9.9		
3195520	Rock	0.031	7.2	39.8	2.56	18.6	0.049	1	2.63	0.085	0.02	<0.1	2.7	0.03	<0.02	<5	<0.1	<0.02	5.9		
3195521	Rock	0.025	4.7	116.6	1.06	62.9	0.128	1	4.10	0.363	0.87	<0.1	16.5	0.39	2.20	<5	0.9	1.09	8.6		
3195522	Rock	0.039	7.9	54.7	0.97	335.4	0.075	1	1.24	0.152	0.23	<0.1	4.9	0.20	0.08	6	0.3	0.05	3.9		
3195523	Rock	0.014	23.4	6.6	0.79	146.6	0.051	<1	2.08	0.095	0.41	<0.1	5.4	0.21	0.35	<5	<0.1	<0.02	7.6		
3195524	Rock	0.014	35.0	4.7	0.83	117.8	0.062	<1	1.33	0.073	0.66	<0.1	3.0	0.36	0.17	5	<0.1	<0.02	7.4		
3195525	Rock	0.013	32.7	2.9	0.32	74.0	0.045	2	0.80	0.053	0.42	0.4	2.6	0.18	0.48	18	0.5	0.29	4.1		
3195526	Rock	0.014	45.2	3.9	0.37	64.0	0.065	2	0.90	0.072	0.51	0.4	3.7	0.20	0.48	14	0.6	0.29	4.9		
3195527	Rock	0.001	1.9	2.2	0.03	10.9	0.003	<1	0.08	0.005	0.03	<0.1	0.2	0.02	0.33	7	0.6	0.09	0.4		
3195528	Rock	0.041	3.3	66.9	2.23	99.6	0.080	<1	2.01	0.055	0.20	<0.1	3.6	0.07	0.08	5	0.4	0.06	4.6		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195529	Rock	0.45	0.08	24.20	2.98	54.0	31	25.7	10.5	715	3.63	8.4	0.9	<0.2	6.1	16.5	0.07	0.10	0.08	100	0.87
3195530	Rock	0.60	1.44	41.03	4.01	71.1	76	34.4	10.7	351	3.73	10.7	1.0	3.5	6.1	7.6	0.02	0.26	0.25	51	0.14
3195531	Rock	1.34	0.21	184.15	1.48	17.4	43	160.5	37.1	206	2.16	24.6	0.1	0.4	1.0	68.3	0.03	0.91	0.08	37	2.55
3195532	Rock	0.95	0.14	4.47	2.24	36.1	15	16.0	8.2	411	2.60	19.2	1.5	<0.2	10.0	2.5	0.05	0.43	<0.02	33	0.27
3195533	Rock	0.57	1.28	71.43	61.32	17.8	445	0.7	0.7	48	1.36	2.5	1.6	12.0	11.7	3.5	0.05	1.73	1.05	6	0.05
3195534	Rock	1.22	0.11	765.19	1.08	25.6	320	205.3	36.4	218	4.39	10.5	<0.1	1.0	0.5	1.2	0.03	1.75	0.06	48	0.22
3195535	Rock	1.68	0.10	1339.25	2.23	65.4	493	1198.3	121.8	222	7.40	9.3	<0.1	3.8	0.8	2.3	0.34	3.37	0.13	34	0.27
3195536	Rock	0.89	1.68	69.99	15.53	23.1	267	5.7	1.6	200	19.08	27.0	0.3	11.6	1.3	11.4	0.02	1.13	0.54	127	0.05
3195537	Rock	0.55	0.12	154.67	2.03	70.5	38	99.5	41.7	625	6.78	0.5	<0.1	<0.2	1.0	26.2	0.06	0.13	<0.02	289	1.55
3195538	Rock	0.88	0.23	7.49	10.80	24.2	39	5.7	2.4	409	1.47	4.2	1.9	<0.2	10.2	14.1	0.04	0.67	0.04	13	1.47
3195539	Rock	0.91	0.11	50.93	0.42	16.4	20	132.7	72.6	558	1.15	66.5	<0.1	0.2	0.1	12.4	0.04	0.32	0.03	65	4.65
3195540	Rock	1.53	0.14	191.12	2.35	22.4	48	63.8	19.5	225	1.89	3.9	<0.1	1.1	0.1	52.5	0.04	0.21	<0.02	50	2.19
3195541	Rock	0.83	0.19	8.92	7.69	22.2	198	5.5	3.2	451	1.64	487.2	1.6	201.7	12.8	20.0	0.04	2.96	0.04	33	1.75
3195542	Rock Pulp	0.04	3.17	63.02	3.83	34.4	67	7.0	8.7	335	2.71	0.8	0.7	0.5	2.7	61.7	0.04	0.08	0.06	114	0.75
3195543	Rock	0.48	0.13	53.26	2.67	51.6	62	46.2	21.6	577	3.85	2.7	0.6	115.1	3.2	24.5	0.05	0.44	<0.02	106	2.84
3195544	Rock	1.28	0.08	417.18	0.63	21.1	129	1107.4	65.3	133	3.85	2.2	<0.1	<0.2	<0.1	0.6	0.05	0.39	0.16	35	0.21
3195545	Rock	0.68	0.20	113.18	0.33	11.4	21	22.5	17.3	210	2.30	10.0	<0.1	2.5	0.3	4.8	<0.01	0.88	<0.02	113	1.07
3195546	Rock	0.40	0.36	62.69	0.87	52.0	10	19.6	24.0	610	6.47	1.6	0.6	<0.2	4.4	9.4	0.05	0.41	<0.02	211	2.15
3195547	Rock	0.76	0.01	13.96	0.56	8.1	<2	1481.6	73.8	711	3.30	304.3	<0.1	2.4	<0.1	9.4	0.02	4.36	0.08	25	1.48
3195548	Rock	0.63	0.20	111.29	1.97	19.4	41	108.7	24.5	454	2.43	1.7	0.2	<0.2	1.1	92.2	0.03	0.75	0.02	51	2.91
3195549	Rock	0.90	0.28	55.07	1.39	123.3	21	82.6	13.3	1182	4.45	1.7	<0.1	<0.2	1.0	21.0	0.15	0.31	0.05	108	3.81
3195550	Rock Pulp	0.04	6.94	106.17	5449.70	798.2	>100000	12.1	2.9	2142	2.11	52.8	0.6	5076.0	2.3	287.7	10.49	37.95	0.90	26	9.96
3195551	Rock	0.85	0.28	75.77	2.75	44.3	45	38.1	24.3	539	3.07	1.4	0.2	1.1	1.8	25.7	0.04	0.08	0.02	112	2.23
3195552	Rock	2.20	0.39	75.31	1.43	53.7	29	24.6	15.4	956	3.91	2.9	0.5	0.8	2.5	8.6	0.05	0.13	0.06	85	1.98
3195553	Rock	0.39	0.19	24.13	1.04	70.7	18	54.2	27.9	612	6.48	0.5	<0.1	<0.2	1.1	3.6	0.05	0.03	0.02	219	3.48
3195554	Rock	0.45	0.52	32.18	2.46	36.2	24	7.4	3.9	930	3.99	0.8	0.9	<0.2	4.7	3.7	0.02	0.19	0.02	63	0.58
3195555	Rock	0.88	0.56	17.35	0.61	9.8	6	17.0	11.3	105	1.17	0.2	0.1	0.7	1.3	5.3	<0.01	0.03	<0.02	57	0.79
3195556	Rock	1.23	0.37	52.03	2.64	54.0	90	25.1	20.9	794	6.39	2.4	0.9	2.4	3.8	4.0	0.06	0.12	0.32	37	1.06
3195557	Rock	1.32	0.57	12.13	2.29	46.3	24	16.8	7.5	997	2.72	2.8	0.5	1.7	3.1	4.4	0.04	0.14	0.03	39	0.81
3195558	Rock	1.11	0.08	13.99	0.65	21.6	6	22.9	7.4	359	1.15	2.4	<0.1	<0.2	1.1	14.6	0.06	0.43	0.03	46	3.35

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195529	Rock	0.044	17.7	34.7	0.67	226.5	0.180	<1	2.78	0.177	1.33	0.1	14.3	0.18	<0.02	<5	<0.1	<0.02	9.5		
3195530	Rock	0.058	16.2	101.1	1.47	95.1	0.097	2	2.30	0.039	0.66	<0.1	4.6	0.32	0.04	7	<0.1	0.03	8.1		
3195531	Rock	0.033	5.4	51.8	0.56	20.2	0.042	3	3.49	0.494	0.03	<0.1	5.7	0.05	0.64	<5	<0.1	0.11	6.0		
3195532	Rock	0.043	52.4	12.5	0.58	46.8	0.160	3	1.59	0.050	1.07	<0.1	4.0	0.11	<0.02	7	<0.1	<0.02	5.8		
3195533	Rock	0.036	21.1	1.6	0.10	33.9	0.016	3	0.45	0.008	0.31	<0.1	0.7	0.04	0.23	15	<0.1	0.05	1.4		
3195534	Rock	0.010	2.4	1011.9	2.62	6.6	0.020	2	1.87	0.023	0.03	<0.1	2.8	<0.02	0.46	12	0.8	0.09	3.7		
3195535	Rock	0.016	4.0	127.5	3.85	27.9	0.030	<1	3.23	0.050	0.06	<0.1	2.6	0.05	1.92	20	3.0	0.26	6.2		
3195536	Rock	0.021	1.5	12.8	0.19	69.2	0.144	1	0.52	0.064	1.34	0.2	6.9	1.48	2.70	23	1.4	0.44	6.5		
3195537	Rock	0.044	4.5	226.7	2.36	662.3	0.423	2	5.23	0.342	2.98	<0.1	17.5	0.17	0.14	<5	0.4	<0.02	12.9		
3195538	Rock	0.021	23.8	3.6	0.45	39.6	0.098	<1	1.19	0.016	0.67	0.2	2.7	0.18	0.04	<5	<0.1	<0.02	5.3		
3195539	Rock	0.021	1.7	404.2	0.86	196.0	0.078	2	1.09	0.144	0.27	<0.1	7.5	0.09	<0.02	<5	<0.1	<0.02	2.7		
3195540	Rock	0.020	1.6	49.5	1.03	270.7	0.061	5	3.07	0.368	0.09	<0.1	5.5	0.03	0.11	9	<0.1	0.02	4.9		
3195541	Rock	0.046	54.9	4.7	0.85	11.2	0.138	3	3.57	0.082	1.08	2.9	5.7	0.27	0.09	7	<0.1	<0.02	11.1		
3195542	Rock Pulp	0.062	6.7	15.8	0.61	114.9	0.089	2	1.37	0.157	0.21	4.9	1.8	0.05	<0.02	9	<0.1	<0.02	4.1		
3195543	Rock	0.049	13.2	32.0	1.06	357.1	0.103	6	2.46	0.280	0.41	4.1	8.2	0.09	0.05	10	<0.1	<0.02	7.5		
3195544	Rock	0.009	0.6	1314.0	2.14	3.1	0.017	<1	1.44	0.008	0.02	<0.1	1.3	<0.02	0.61	20	1.3	0.28	3.0		
3195545	Rock	0.054	4.4	10.1	0.74	7.1	0.075	2	1.00	0.157	0.05	<0.1	10.3	<0.02	<0.02	8	<0.1	<0.02	4.3		
3195546	Rock	0.073	19.6	5.6	0.92	256.5	0.249	3	2.41	0.180	0.73	<0.1	11.9	0.11	<0.02	<5	<0.1	<0.02	9.9		
3195547	Rock	0.003	<0.5	1459.1	7.05	2.1	0.005	2	0.60	0.001	<0.01	<0.1	5.7	<0.02	0.13	<5	<0.1	<0.02	1.7		
3195548	Rock	0.029	5.4	73.2	0.77	18.8	0.066	3	3.86	0.378	0.03	<0.1	7.2	0.06	0.55	<5	<0.1	0.03	6.4		
3195549	Rock	0.033	4.0	146.9	0.98	10.2	0.063	2	6.22	0.118	0.01	<0.1	8.5	<0.02	0.79	5	<0.1	0.10	12.2		
3195550	Rock Pulp	0.011	5.5	16.2	0.08	91.9	0.007	5	0.40	0.004	0.21	2.2	1.2	0.15	0.26	238	0.5	0.70	1.3	4937	
3195551	Rock	0.036	7.1	23.7	1.26	125.7	0.155	3	3.49	0.297	0.56	<0.1	10.6	0.16	0.11	<5	<0.1	<0.02	7.1		
3195552	Rock	0.032	8.0	16.9	0.85	20.9	0.181	3	2.38	0.033	0.44	<0.1	7.1	0.12	0.10	11	<0.1	<0.02	5.3		
3195553	Rock	0.033	2.5	35.8	4.31	11.3	0.127	1	4.35	0.037	0.04	<0.1	25.7	0.03	0.26	<5	<0.1	0.02	10.5		
3195554	Rock	0.037	9.8	6.8	0.68	15.7	0.180	2	1.58	0.083	0.37	<0.1	7.6	0.15	0.49	<5	<0.1	<0.02	6.8		
3195555	Rock	0.038	6.0	12.0	0.67	3.9	0.055	<1	1.35	0.195	0.05	<0.1	6.3	<0.02	0.04	<5	<0.1	<0.02	3.3		
3195556	Rock	0.027	15.3	4.9	1.23	8.3	0.123	2	2.04	0.014	0.26	<0.1	4.3	0.08	2.91	6	<0.1	0.13	5.0		
3195557	Rock	0.038	11.2	15.9	1.19	17.5	0.169	1	2.01	0.014	0.30	<0.1	3.3	0.06	0.07	<5	<0.1	<0.02	5.7		
3195558	Rock	0.018	4.5	65.3	0.26	10.3	0.147	3	0.96	0.066	0.12	<0.1	6.4	<0.02	<0.02	10	<0.1	<0.02	2.1		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195559	Rock	1.37	0.23	118.75	1.80	38.3	125	39.8	31.5	324	3.64	27.8	<0.1	6.2	0.8	4.8	0.08	0.40	0.03	134	1.29
3195560	Rock	0.90	0.28	176.03	1.97	45.9	352	45.8	31.5	529	4.25	280.4	0.1	860.5	0.5	9.9	0.13	0.20	0.03	124	2.79
3195561	Rock	1.31	0.35	141.32	1.05	32.5	151	29.4	18.9	1012	3.72	10.4	<0.1	82.3	0.5	22.1	0.09	0.14	0.02	103	9.89
3195562	Rock	0.50	0.25	82.16	1.68	4.0	47	2.6	6.5	44	0.74	1597.0	<0.1	4.3	<0.1	0.8	<0.01	0.97	0.05	3	0.05
3195563	Rock	0.64	0.07	183.08	7.35	138.5	618	30.6	46.0	1115	10.95	70.6	0.4	791.4	2.6	17.3	0.34	0.35	0.08	458	5.51
3195564	Rock	1.25	0.26	93.85	6.37	62.6	1277	19.4	33.9	434	4.28	276.9	0.5	4001.3	2.6	8.5	0.14	0.85	0.04	183	1.80
NDM-WK-200	Rock	0.67	0.17	124.69	4.59	44.1	107	5.3	18.4	292	5.59	>10000	<0.1	1783.3	<0.1	6.8	0.05	6.04	0.03	518	0.85
NDM-WK-201	Rock	0.62	0.55	440.48	2.45	99.4	77	14.3	71.2	892	8.60	14.9	<0.1	5.1	0.1	11.5	0.25	0.51	0.12	25	4.39
NDM-WK-202	Rock	0.70	0.09	436.85	2.04	20.9	31	31.0	31.7	277	2.50	34.4	<0.1	11.4	0.4	7.1	0.01	0.45	0.06	90	1.03
NDM-WK-203	Rock	0.53	0.09	87.34	1.23	53.5	87	16.4	23.7	694	4.31	369.3	<0.1	878.4	<0.1	12.8	0.08	0.39	0.03	237	9.10
NDM-WK-204	Rock	0.66	0.11	32.36	9.46	116.9	45	42.0	20.9	651	4.90	12.8	<0.1	2.4	<0.1	3.8	0.75	0.76	<0.02	132	0.97
NDM-WK-205	Rock	0.67	0.12	50.40	4.36	37.9	67	5.7	44.7	890	3.79	>10000	<0.1	719.7	0.2	38.1	0.12	5.67	0.11	90	6.12
NDM-WK-206	Rock	0.63	0.06	4.32	1.18	22.3	16	1.2	6.7	324	1.84	4508.9	<0.1	290.0	<0.1	10.8	0.07	1.45	<0.02	27	2.12
NDM-WK-207	Rock	0.71	0.17	65.69	3.30	15.3	62	1.4	8.0	155	1.58	15.6	<0.1	1.5	<0.1	2.1	0.03	0.17	<0.02	23	0.40
NDM-WK-208	Rock	0.68	0.35	112.43	4.26	66.5	127	1.7	0.6	457	14.63	6.4	<0.1	3.1	0.2	1.4	0.06	2.71	0.42	39	0.05
NDM-WK-209	Rock	0.71	1.22	189.69	2.79	44.7	64	9.5	4.8	430	6.72	21.4	0.3	7.9	2.4	17.3	0.04	2.61	0.32	60	0.45
NDM-WK-210	Rock	0.51	0.35	39.62	6.31	393.2	54	94.5	19.8	1571	5.91	44.1	<0.1	1.5	1.1	21.2	0.59	0.85	0.04	137	1.57
NDM-WK-211	Rock	0.84	0.25	44.27	2.29	18.3	29	72.7	25.3	1176	2.07	14.0	<0.1	1.1	<0.1	52.2	0.11	6.09	<0.02	32	5.85
NDM-WK-212	Rock	0.72	0.32	53.60	10.58	29.7	151	7.4	6.4	475	4.24	>10000	1.2	107.4	8.8	4.3	0.09	19.28	0.82	15	0.10
NDM-WK-213	Rock	0.57	0.39	25.81	11.23	41.8	158	5.9	2.8	821	4.76	>10000	1.7	87.3	13.0	5.0	0.13	17.39	0.77	19	0.18
NDM-WK-214	Rock	0.57	1.81	213.67	4.18	569.6	253	27.1	25.5	1620	14.02	24.7	0.1	8.1	1.5	8.7	3.35	2.20	0.60	114	0.31
NDM-WK-215	Rock	0.65	0.20	119.33	3.88	60.9	620	7.0	22.3	333	5.12	8140.7	<0.1	3319.5	0.1	18.9	0.16	3.91	0.07	420	0.54
NDM-WK-216	Rock	0.59	0.16	225.63	2.05	42.7	187	29.1	30.4	509	3.83	34.9	<0.1	8.8	0.1	16.5	0.19	0.88	0.03	199	4.06
NDM-WK-217	Rock	0.66	0.14	48.51	1.40	57.6	46	7.8	58.5	1218	8.06	>10000	<0.1	172.0	0.2	15.9	0.13	5.64	0.03	259	4.99
NDM-WK-218	Rock	0.60	0.12	34.19	0.84	22.1	25	4.5	35.7	590	2.66	5249.9	<0.1	84.8	0.1	12.2	0.07	2.52	<0.02	53	2.94
NDM-WK-219	Rock	0.55	0.19	158.72	2.75	43.3	37	8.2	32.3	496	5.02	857.6	<0.1	13.0	0.2	6.5	0.08	1.18	<0.02	182	1.53
NDM-WK-220	Rock	0.63	0.05	1412.82	2.18	61.0	655	19.9	10.7	422	3.39	18.3	<0.1	148.7	<0.1	9.3	0.56	0.62	0.24	178	0.66
NDM-WK-221	Rock	0.69	0.18	152.51	0.48	40.2	37	5.7	31.4	337	4.57	10.3	<0.1	0.7	0.3	5.3	0.03	0.76	<0.02	219	1.13
NDM-WK-222	Rock	0.64	0.29	74.73	7.24	26.5	1767	6.0	37.9	176	8.55	>10000	0.1	13734.0	0.8	11.3	0.15	30.39	0.62	42	0.73
NDM-WK-223	Rock	0.69	0.27	59.42	2.44	92.4	366	9.7	76.1	469	8.04	>10000	<0.1	2660.0	0.4	8.0	0.33	146.85	0.07	171	1.15

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195559	Rock	0.056	5.6	42.9	1.05	39.0	0.160	3	1.58	0.141	0.47	0.3	9.4	0.25	0.17	12	<0.1	0.02	5.3		
3195560	Rock	0.097	4.7	74.0	1.53	78.9	0.196	1	2.20	0.114	0.86	11.9	10.9	0.19	0.37	<5	<0.1	0.03	6.3		
3195561	Rock	0.071	3.5	24.7	1.10	78.8	0.190	2	1.69	0.080	0.78	29.8	9.8	0.18	0.41	<5	0.1	0.04	5.1		
3195562	Rock	0.002	<0.5	3.3	0.01	1.7	0.003	<1	0.04	0.004	<0.01	<0.1	0.3	<0.02	0.06	<5	0.7	0.09	0.4		
3195563	Rock	0.046	14.0	7.5	2.27	129.5	0.582	4	4.25	0.034	1.98	28.4	28.7	0.42	1.38	<5	<0.1	<0.02	16.0		
3195564	Rock	0.032	11.6	4.1	0.84	58.3	0.156	3	1.56	0.101	0.29	6.0	9.2	0.18	0.35	<5	<0.1	0.02	6.3	2856	
NDM-WK-200	Rock	0.071	0.8	0.8	0.89	35.7	0.028	3	1.55	0.123	0.12	>100	9.6	0.12	1.20	<5	0.6	0.02	9.8	2233	
NDM-WK-201	Rock	0.021	6.7	1.0	1.20	66.5	0.103	7	1.36	0.022	0.02	1.6	7.1	0.04	1.91	17	7.6	0.11	5.5		
NDM-WK-202	Rock	0.023	2.8	20.6	0.83	4.8	0.127	2	0.85	0.055	0.01	1.5	4.7	<0.02	0.42	<5	0.5	<0.02	2.8		
NDM-WK-203	Rock	0.027	1.2	4.7	1.64	10.3	0.039	3	2.17	0.019	<0.01	17.0	6.6	<0.02	0.03	28	0.1	0.03	7.5		
NDM-WK-204	Rock	0.016	1.1	60.4	2.05	32.2	0.031	2	2.44	0.041	0.06	11.7	9.9	0.06	0.03	39	<0.1	<0.02	6.3		
NDM-WK-205	Rock	0.276	2.6	1.0	0.59	16.0	0.026	3	1.41	0.108	0.02	9.6	7.4	<0.02	0.78	<5	<0.1	0.07	3.9		
NDM-WK-206	Rock	0.067	0.8	1.0	0.32	15.4	0.017	2	0.45	0.031	<0.01	7.6	2.3	<0.02	0.22	13	<0.1	<0.02	1.9		
NDM-WK-207	Rock	0.015	<0.5	1.7	0.36	2.3	0.008	<1	0.47	0.042	0.01	<0.1	1.1	<0.02	<0.02	10	<0.1	<0.02	2.0		
NDM-WK-208	Rock	0.023	<0.5	5.7	0.05	17.3	0.004	<1	0.09	0.002	<0.01	0.1	1.6	<0.02	0.05	<5	1.5	0.44	1.8		
NDM-WK-209	Rock	0.022	4.5	50.7	0.54	106.3	0.048	<1	1.64	0.078	0.23	0.9	7.4	0.22	0.34	8	3.7	0.44	8.5		
NDM-WK-210	Rock	0.027	3.5	163.5	1.60	33.2	0.060	1	4.23	0.211	0.20	<0.1	9.7	0.50	0.95	32	0.5	0.22	9.9		
NDM-WK-211	Rock	0.021	<0.5	22.5	0.31	12.3	0.105	4	2.05	0.240	0.03	<0.1	2.6	<0.02	0.40	63	0.3	0.17	4.0		
NDM-WK-212	Rock	0.010	25.0	2.8	0.50	70.8	0.050	<1	1.07	0.059	0.63	0.6	4.6	0.21	1.61	<5	1.5	0.39	4.7		
NDM-WK-213	Rock	0.014	50.3	2.7	0.77	102.9	0.076	2	1.57	0.053	0.98	1.1	4.8	0.30	1.29	7	1.9	0.72	8.5		
NDM-WK-214	Rock	0.017	1.7	127.5	1.44	17.1	0.027	2	3.47	0.032	0.03	0.2	10.9	0.07	0.13	55	3.0	0.59	13.2		
NDM-WK-215	Rock	0.016	1.3	2.5	0.90	34.7	0.042	1	1.68	0.074	0.30	13.9	6.4	0.20	0.86	44	0.6	0.09	9.6	3053	
NDM-WK-216	Rock	0.010	1.6	2.9	0.80	9.7	0.066	3	1.30	0.098	0.03	0.1	12.0	0.05	0.23	28	1.6	0.04	5.0		
NDM-WK-217	Rock	0.018	3.4	0.9	1.10	30.4	0.027	2	2.56	0.099	0.02	0.3	22.9	0.04	0.59	48	<0.1	<0.02	9.5		
NDM-WK-218	Rock	0.008	1.3	0.8	0.44	8.6	0.048	<1	0.88	0.128	<0.01	0.6	7.8	<0.02	0.25	6	<0.1	0.02	2.2		
NDM-WK-219	Rock	0.019	1.5	1.3	0.85	17.9	0.071	2	1.69	0.132	0.03	0.1	17.8	<0.02	0.37	18	0.7	<0.02	6.4		
NDM-WK-220	Rock	0.020	0.7	21.3	1.41	15.6	0.039	<1	2.28	0.139	0.13	0.6	3.8	0.06	0.22	26	1.2	0.16	10.3		
NDM-WK-221	Rock	0.033	2.1	1.3	0.65	5.8	0.089	2	1.47	0.215	0.03	0.2	21.0	<0.02	0.25	<5	0.3	<0.02	7.5		
NDM-WK-222	Rock	0.167	6.8	0.9	0.52	34.4	0.061	<1	1.22	0.090	0.46	82.4	17.2	0.26	2.88	24	1.5	0.33	8.0	>10000	9.5
NDM-WK-223	Rock	0.033	2.2	0.9	1.02	48.8	0.033	2	2.24	0.176	0.07	19.6	15.2	0.08	1.82	21	1.0	0.05	9.8	2449	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-224	Rock	0.72	0.60	164.96	352.82	58.6	8577	7.0	83.6	145	16.81	>10000	<0.1	46488.3	0.2	7.1	0.57	84.38	0.05	185	0.20
NDM-WK-225	Rock	0.57	0.14	206.45	616.93	1805.9	1124	3.2	32.3	612	3.86	7499.4	<0.1	2554.2	0.1	11.5	27.82	3.44	<0.02	116	3.58
NDM-WK-226	Rock	0.60	0.19	340.41	697.52	387.5	3054	5.1	65.8	387	6.65	>10000	<0.1	8810.6	<0.1	7.7	6.70	23.37	0.10	45	1.13
NDM-WK-227	Rock	0.65	0.38	165.10	14.92	44.7	2304	4.2	79.1	88	8.90	>10000	<0.1	8150.0	0.1	3.0	0.76	29.03	0.12	47	0.09
NDM-WK-228	Rock	0.69	0.34	56.27	9.24	42.7	1234	1.1	17.1	80	4.72	>10000	<0.1	5139.9	0.3	4.4	1.05	16.64	0.03	26	0.21
NDM-WK-229	Rock	0.74	0.46	201.38	5.06	33.1	354	2.8	168.8	484	11.49	>10000	<0.1	2574.6	0.4	16.4	0.08	33.62	0.87	72	1.40
NDM-WK-230	Rock	0.65	0.36	159.78	2.28	31.6	445	3.7	91.2	381	5.92	>10000	<0.1	8908.0	0.5	5.4	0.03	6.70	0.04	92	0.92
NDM-WK-231	Rock	0.72	0.23	156.97	77.47	103.9	1784	3.3	70.9	478	8.99	>10000	<0.1	7150.7	0.2	4.4	0.78	13.74	0.47	95	1.12
NDM-WK-232	Rock	0.71	0.16	1216.00	1.33	25.2	1275	58.5	9.3	89	1.48	147.1	<0.1	369.4	<0.1	1.1	0.44	0.27	0.36	16	0.45
NDM-WK-233	Rock	0.69	0.29	147.75	35.40	25.5	1133	17.3	37.8	271	4.32	>10000	0.1	2358.5	0.7	15.9	0.12	6.38	0.62	106	0.85
NDM-WK-234	Rock	0.65	0.13	148.59	2.61	32.2	535	26.0	17.3	334	2.99	226.9	<0.1	4012.4	0.1	7.8	0.08	0.37	0.05	87	0.71
NDM-WK-235	Rock	0.56	0.07	112.00	29.66	56.8	510	23.2	15.7	318	2.19	648.4	<0.1	2139.1	0.2	18.7	0.90	0.90	0.06	24	2.75
NDM-WK-236	Rock	0.62	0.18	74.04	13.35	27.0	253	10.5	50.6	426	4.04	9361.0	<0.1	2038.5	0.3	8.0	0.10	4.24	0.10	67	1.92
NDM-WK-237	Rock	0.72	0.07	2025.97	0.93	28.0	2057	12.0	13.1	279	2.76	38.9	<0.1	190.7	0.1	9.6	0.24	0.60	0.47	149	1.32
NDM-WK-238	Rock	0.65	0.19	319.55	3.63	47.6	267	10.0	29.7	416	6.71	249.1	<0.1	5.7	0.4	3.0	0.09	0.44	0.06	278	1.09
NDM-WK-239	Rock	0.66	0.26	113.76	3.04	40.1	267	11.0	37.4	326	4.21	2474.3	<0.1	1344.1	0.6	21.0	0.10	1.17	0.66	167	1.35
NDM-WK-240	Rock	0.65	0.19	78.00	3.42	18.0	334	4.3	20.6	306	2.57	3778.1	<0.1	3096.1	<0.1	10.2	0.14	1.95	0.23	41	1.29
NDM-WK-241	Rock	0.65	0.28	577.12	2.12	34.8	197	11.5	30.5	367	4.29	23.8	<0.1	10.1	0.5	7.0	0.10	0.39	0.05	189	1.33
NDM-WK-242	Rock	0.72	0.10	153.20	2959.22	1237.1	3891	7.7	8.4	484	2.18	131.0	<0.1	3343.4	<0.1	13.2	16.54	3.88	0.56	17	2.19
NDM-WK-243	Rock	0.60	0.17	43.71	164.12	33.5	1792	9.2	7.3	114	2.42	5071.0	0.1	3606.7	0.7	4.1	0.26	3.14	0.15	49	0.18
NDM-WK-244	Rock	0.53	0.31	88.60	10.44	37.1	70	9.9	13.5	312	3.89	19.3	<0.1	2.3	0.3	5.2	0.07	1.10	<0.02	112	1.15
NDM-WK-245	Rock	0.64	0.35	35.97	5.08	41.2	289	3.0	73.0	382	7.30	>10000	<0.1	5154.2	0.2	11.7	0.05	8.83	0.06	75	1.20
NDM-WK-246	Rock	0.67	0.19	55.12	5.43	51.7	129	3.0	45.4	569	5.19	>10000	<0.1	1660.0	0.2	37.9	0.12	2.81	0.04	59	2.50
NDM-WK-247	Rock	0.60	0.18	81.44	7.24	23.8	127	0.5	12.5	427	2.30	5482.6	0.1	388.3	1.7	5.6	0.28	1.80	<0.02	7	2.11
NDM-WK-248	Rock	0.56	0.22	416.44	16.31	130.0	235	30.1	46.8	353	3.85	2167.6	<0.1	553.9	0.3	53.2	0.88	1.14	0.10	255	2.68
NDM-WK-249	Rock	0.83	0.92	126.76	28.21	119.6	118	0.4	3.8	136	3.56	17.6	0.2	3.1	1.3	5.3	0.79	0.70	0.36	3	0.78
NDM-WK-250	Rock	0.60	0.18	973.09	3.57	46.7	1221	55.1	34.0	395	3.88	44.8	<0.1	134.7	0.4	30.3	0.76	0.56	0.22	159	2.03
NDM-WK-251	Rock	0.61	0.18	24.16	3.31	27.1	93	5.7	37.9	583	4.27	>10000	<0.1	1364.0	0.9	9.3	0.21	5.92	0.43	97	2.81
NDM-WK-252	Rock	0.66	0.37	45.80	7.58	25.9	579	8.0	89.6	483	10.73	>10000	<0.1	7076.1	0.4	7.7	0.20	39.77	1.66	91	1.19
NDM-WK-253	Rock	0.63	0.54	83.42	7.48	28.3	973	16.8	225.9	337	12.31	>10000	<0.1	28099.9	0.5	5.9	0.14	43.15	1.03	135	0.89

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-224	Rock	0.010	0.7	1.3	0.42	18.2	0.055	<1	0.92	0.068	0.31	82.2	18.2	0.19	6.45	14	2.3	0.31	5.9	>10000	52.4
NDM-WK-225	Rock	0.007	1.3	0.7	0.63	83.1	0.063	2	0.92	0.066	0.37	30.0	11.8	0.18	1.27	15	0.2	0.03	4.2	2750	
NDM-WK-226	Rock	0.003	0.7	1.2	0.32	14.4	0.008	2	0.46	0.016	0.02	35.9	6.3	0.03	3.28	11	0.6	0.22	1.8	7498	
NDM-WK-227	Rock	0.014	<0.5	0.6	0.23	17.1	0.026	1	0.82	0.037	0.16	28.0	11.0	0.05	4.25	58	2.8	0.06	4.6	3927	
NDM-WK-228	Rock	0.077	3.1	1.5	0.16	15.8	0.024	<1	0.54	0.057	0.17	13.3	8.9	0.03	2.02	13	0.7	0.04	3.4	4319	
NDM-WK-229	Rock	0.036	1.7	<0.5	0.86	13.2	0.036	8	2.56	0.217	0.07	83.2	23.6	0.03	3.81	<5	1.3	0.12	10.2	3002	
NDM-WK-230	Rock	0.045	3.5	1.4	0.73	13.8	0.029	<1	1.62	0.146	0.06	>100	21.2	0.09	1.26	<5	1.9	0.03	6.8	6641	
NDM-WK-231	Rock	0.022	1.3	0.7	0.85	8.4	0.038	1	1.79	0.162	0.04	71.8	17.1	0.02	2.10	33	1.2	0.15	6.8	7721	
NDM-WK-232	Rock	0.005	<0.5	12.0	0.14	14.3	0.019	2	0.24	0.016	0.06	0.9	2.4	0.05	0.05	57	1.6	0.55	0.8		
NDM-WK-233	Rock	0.037	4.3	9.7	0.55	26.4	0.041	2	1.19	0.108	0.25	51.6	9.8	0.18	1.28	<5	0.4	0.08	4.3	3803	
NDM-WK-234	Rock	0.014	0.7	16.2	0.95	18.7	0.029	4	1.44	0.111	0.05	12.0	6.6	0.04	0.06	18	0.5	0.07	4.4	3601	
NDM-WK-235	Rock	0.029	1.5	7.2	0.26	58.5	0.072	1	0.96	0.133	0.03	24.4	2.4	0.13	0.54	44	0.8	0.04	2.6	2660	
NDM-WK-236	Rock	0.020	2.3	5.4	0.74	99.0	0.042	3	1.24	0.126	0.10	21.0	10.2	0.17	0.62	37	0.2	0.10	4.0	2514	
NDM-WK-237	Rock	0.012	1.0	2.4	0.49	10.8	0.067	2	1.07	0.155	0.04	0.1	7.2	<0.02	0.25	21	2.4	0.48	3.4		
NDM-WK-238	Rock	0.044	6.3	0.7	1.22	38.8	0.094	11	2.01	0.132	0.40	27.9	14.0	0.28	1.41	<5	0.5	0.03	9.5		
NDM-WK-239	Rock	0.054	4.0	5.3	0.79	47.2	0.058	5	1.96	0.172	0.27	13.6	11.6	0.14	0.36	9	1.3	0.25	8.7	1512	
NDM-WK-240	Rock	0.069	1.7	1.7	0.26	59.4	0.035	<1	0.36	0.048	0.07	17.0	4.4	0.04	0.19	<5	0.7	0.11	1.6	3817	
NDM-WK-241	Rock	0.043	2.8	0.5	0.71	7.7	0.065	<1	1.54	0.214	0.04	0.2	14.6	<0.02	0.11	<5	1.4	0.09	5.3		
NDM-WK-242	Rock	0.011	1.0	1.6	0.18	15.4	0.026	<1	0.29	0.022	0.02	2.6	2.4	<0.02	0.07	68	1.1	0.17	0.9	3104	
NDM-WK-243	Rock	0.009	2.1	15.7	0.28	39.0	0.028	<1	0.47	0.031	0.15	11.4	3.2	0.16	0.28	42	0.6	0.10	2.8	2526	
NDM-WK-244	Rock	0.038	2.8	30.7	1.00	6.9	0.066	<1	1.61	0.208	0.03	<0.1	8.8	<0.02	0.03	<5	0.7	0.03	5.9		
NDM-WK-245	Rock	0.026	0.9	0.9	0.55	18.6	0.023	<1	1.65	0.142	0.01	61.4	9.7	<0.02	1.56	<5	0.4	0.03	7.1	5450	
NDM-WK-246	Rock	0.022	1.3	1.4	0.67	19.8	0.033	1	3.14	0.264	0.02	66.0	12.7	<0.02	0.75	<5	0.4	<0.02	6.9	1649	
NDM-WK-247	Rock	0.083	6.8	0.8	0.30	2.7	0.016	<1	0.73	0.119	<0.01	10.3	6.7	<0.02	0.27	<5	<0.1	<0.02	2.9		
NDM-WK-248	Rock	0.020	1.9	4.7	0.88	13.8	0.034	6	3.12	0.231	0.07	51.0	12.9	<0.02	0.27	<5	1.3	0.04	8.4		
NDM-WK-249	Rock	0.152	7.0	0.8	0.33	9.5	0.040	<1	0.89	0.178	0.04	0.2	9.4	0.07	0.36	44	3.8	0.11	5.3		
NDM-WK-250	Rock	0.023	2.4	13.2	1.30	74.8	0.077	2	2.89	0.211	0.23	0.2	10.3	0.20	0.17	50	1.4	0.20	5.9		
NDM-WK-251	Rock	0.059	3.5	0.9	0.55	79.0	0.030	<1	0.88	0.119	0.12	14.2	10.0	0.17	1.08	<5	0.3	0.16	3.8	2233	
NDM-WK-252	Rock	0.059	2.8	1.2	0.42	53.7	0.039	<1	0.68	0.091	0.12	36.5	9.6	0.30	3.85	32	1.2	0.59	2.8	6007	
NDM-WK-253	Rock	0.050	2.7	0.8	0.59	65.6	0.043	1	1.06	0.115	0.15	58.9	14.5	0.23	3.90	10	1.8	0.89	4.8	>10000	23.5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-254	Rock	0.62	0.82	75.76	9.30	46.2	629	15.6	81.5	297	13.47	>10000	<0.1	16520.8	0.5	16.3	0.21	46.57	1.29	247	0.81
NDM-WK-255	Rock	0.65	0.22	21.26	6.72	61.4	353	4.5	43.2	512	5.90	>10000	<0.1	6073.3	0.2	12.7	0.25	9.43	0.13	118	1.30
NDM-WK-256	Rock	0.62	0.25	81.21	8.53	48.9	207	5.4	43.9	558	6.60	>10000	<0.1	488.7	0.4	8.1	0.21	5.81	0.21	154	1.42
NDM-WK-257	Rock	0.59	0.40	131.37	8.79	28.4	1055	7.1	45.7	282	9.62	>10000	2.4	16312.9	0.5	8.0	0.14	31.61	0.93	122	0.62
NDM-WK-258	Rock	0.63	0.18	13.67	2.27	38.6	82	4.5	33.8	557	4.64	>10000	<0.1	2819.1	1.0	11.8	0.12	6.18	0.12	80	2.59
NDM-WK-259	Rock	0.62	0.20	10.29	2.32	41.5	68	3.9	28.8	352	4.54	>10000	<0.1	1856.0	0.9	7.9	0.10	6.44	0.25	99	1.17
NDM-WK-260	Rock	0.57	0.24	8.79	3.69	28.9	24	2.5	23.1	897	2.94	5828.4	<0.1	218.2	0.6	25.9	0.24	2.83	<0.02	49	4.93
NDM-WK-261	Rock	0.54	0.23	58.87	2.55	42.2	101	4.9	25.9	358	5.45	2106.9	<0.1	27.0	0.4	10.8	0.07	1.36	0.18	244	1.00
NDM-WK-262	Rock	0.54	0.10	64.57	3.04	40.8	46	11.6	17.5	524	3.01	335.8	<0.1	45.5	0.7	8.0	0.09	1.07	0.09	100	2.06
NDM-WK-263	Rock	0.61	0.15	406.06	1.35	11.8	2145	2.2	1.9	81	2.44	31.8	<0.1	294.7	<0.1	2.6	0.06	0.40	1.07	23	0.19
NDM-WK-264	Rock	0.61	0.13	1488.48	2.29	76.0	1767	6.0	13.2	397	1.18	18.2	<0.1	234.0	<0.1	6.5	1.21	0.22	0.42	3	3.30
NDM-WK-265	Rock	0.53	0.12	24.90	5.57	49.6	35	1.6	7.9	325	3.64	2608.0	<0.1	61.9	0.5	5.8	0.09	1.43	0.04	64	0.80
NDM-WK-266	Rock	0.50	0.12	1273.02	1.67	59.4	1211	12.0	37.5	528	5.22	43.0	<0.1	56.7	0.1	6.1	0.22	1.06	0.07	163	1.77
NDM-WK-267	Rock	0.64	0.31	380.63	7.91	31.3	175	15.1	113.4	840	7.35	1828.2	<0.1	13.1	0.2	13.5	0.17	0.37	0.15	92	3.57
NDM-WK-268	Rock	0.51	0.23	126.35	4.09	61.7	47	2.7	38.6	663	6.32	25.4	<0.1	0.4	0.3	12.2	0.07	0.29	<0.02	85	1.93
NDM-WK-269	Rock	0.66	0.75	136.48	24.66	76.9	762	2.3	1.8	2904	17.59	14.3	0.1	42.0	0.9	6.8	0.08	2.86	0.36	109	0.16
NDM-WK-270	Rock	0.67	0.84	394.33	5.71	174.6	234	3.2	2.0	1775	32.36	4.2	0.3	5.5	1.2	2.0	0.06	1.47	0.35	119	0.27
NDM-WK-271	Rock	0.51	1.44	24.27	2.88	44.3	323	59.4	23.8	559	11.77	>10000	1.5	1768.4	9.4	7.4	0.17	103.96	2.01	19	0.14
NDM-WK-272	Rock	0.54	0.31	46.17	1.37	24.8	28	179.7	15.0	388	3.51	>10000	1.5	61.0	10.1	5.7	<0.01	20.98	0.40	14	0.05

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

CERTIFICATE OF ANALYSIS VAN18001548.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-254	Rock	0.055	3.6	1.1	0.68	60.6	0.054	<1	1.56	0.143	0.27	>100	16.7	0.39	4.67	42	1.5	0.55	10.2	>10000	14.9
NDM-WK-255	Rock	0.028	1.8	0.8	0.76	27.9	0.034	1	1.70	0.199	<0.01	18.4	16.6	0.04	1.10	11	0.6	0.04	6.8	4784	
NDM-WK-256	Rock	0.040	2.3	0.7	0.83	117.0	0.046	<1	1.71	0.200	0.10	27.2	18.1	0.26	0.96	<5	0.4	0.04	6.4		
NDM-WK-257	Rock	0.056	3.7	1.6	0.63	61.1	0.031	<1	1.09	0.084	0.11	13.7	12.4	0.24	2.14	57	1.0	0.63	5.7	>10000	14.3
NDM-WK-258	Rock	0.069	5.5	0.5	0.87	83.2	0.050	1	1.61	0.166	0.24	8.6	9.5	0.34	0.95	<5	<0.1	<0.02	6.8	2177	
NDM-WK-259	Rock	0.077	4.9	1.3	0.89	13.4	0.019	2	1.61	0.138	0.02	15.0	11.5	<0.02	0.77	<5	0.1	0.02	8.2	1715	
NDM-WK-260	Rock	0.064	4.3	<0.5	0.58	19.7	0.022	<1	1.11	0.142	0.02	19.1	8.7	0.03	0.30	<5	<0.1	<0.02	6.6		
NDM-WK-261	Rock	0.049	3.6	0.9	1.14	116.3	0.083	<1	2.27	0.168	0.49	6.7	18.2	0.35	0.22	16	0.3	<0.02	10.2		
NDM-WK-262	Rock	0.063	3.0	4.9	0.91	23.1	0.054	6	1.53	0.132	0.09	0.5	12.2	0.08	0.11	13	<0.1	0.07	5.8		
NDM-WK-263	Rock	0.005	<0.5	3.8	0.14	3.3	0.015	<1	0.26	0.040	<0.01	0.1	2.3	0.02	0.13	32	2.1	0.67	1.0		
NDM-WK-264	Rock	0.008	0.9	1.2	0.03	4.7	0.001	<1	0.04	0.003	<0.01	0.2	1.5	<0.02	0.18	13	2.5	0.81	0.2		
NDM-WK-265	Rock	0.085	3.8	1.4	0.94	23.0	0.030	2	1.52	0.142	0.08	6.6	9.3	0.08	0.17	13	0.2	<0.02	7.0		
NDM-WK-266	Rock	0.015	0.7	1.4	1.08	21.4	0.068	<1	1.97	0.164	0.05	0.2	11.0	<0.02	0.09	35	1.8	0.07	5.9		
NDM-WK-267	Rock	0.023	1.9	0.8	0.70	3.5	0.047	<1	1.53	0.204	<0.01	<0.1	15.3	<0.02	1.42	<5	2.6	0.12	6.2		
NDM-WK-268	Rock	0.029	2.2	0.6	0.76	28.6	0.069	2	2.11	0.232	0.02	<0.1	17.7	<0.02	0.14	<5	0.4	<0.02	8.6		
NDM-WK-269	Rock	0.029	5.1	67.0	0.26	36.7	0.038	5	0.88	0.030	0.33	<0.1	8.2	0.36	0.60	7	1.8	0.30	7.1		
NDM-WK-270	Rock	0.021	2.1	56.2	0.65	22.8	0.050	4	1.65	0.032	0.24	<0.1	8.3	0.27	0.62	14	3.9	0.30	11.0		
NDM-WK-271	Rock	0.018	12.1	3.1	0.97	60.1	0.054	5	1.81	0.066	0.96	0.1	4.2	0.25	4.13	11	9.7	7.15	7.2	1297	
NDM-WK-272	Rock	0.008	34.7	2.5	0.60	64.8	0.034	14	1.07	0.037	0.58	<0.1	2.2	0.14	1.02	<5	2.0	1.11	4.9		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
3195517	Rock		0.68	0.18	15.96	1.13	41.3	17	40.6	19.0	578	2.15	5.3	<0.1	1.6	1.1	22.1	0.05	0.44	<0.02	122	2.20
REP 3195517	QC			0.20	16.15	1.13	43.1	17	42.9	20.8	573	2.14	5.6	<0.1	2.1	1.1	21.8	0.06	0.46	<0.02	122	2.21
3195551	Rock		0.85	0.28	75.77	2.75	44.3	45	38.1	24.3	539	3.07	1.4	0.2	1.1	1.8	25.7	0.04	0.08	0.02	112	2.23
REP 3195551	QC			0.26	74.96	2.35	42.6	42	37.9	23.5	519	3.02	1.2	0.2	2.6	1.6	25.1	0.04	0.09	0.02	112	2.18
3195564	Rock		1.25	0.26	93.85	6.37	62.6	1277	19.4	33.9	434	4.28	276.9	0.5	4001.3	2.6	8.5	0.14	0.85	0.04	183	1.80
REP 3195564	QC																					
REP NDM-WK-222	QC			0.33	80.50	6.96	25.2	1902	5.1	38.5	177	8.64	>10000	0.1	14721.8	0.8	11.6	0.10	31.05	0.60	42	0.72
NDM-WK-243	Rock		0.60	0.17	43.71	164.12	33.5	1792	9.2	7.3	114	2.42	5071.0	0.1	3606.7	0.7	4.1	0.26	3.14	0.15	49	0.18
REP NDM-WK-243	QC																					
REP NDM-WK-256	QC			0.25	80.03	7.97	51.7	211	4.9	42.7	572	6.57	>10000	<0.1	606.6	0.3	7.4	0.20	5.53	0.21	158	1.45
Core Reject Duplicates																						
3195519	Rock		0.63	0.35	67.95	1.44	80.1	94	38.3	13.2	441	5.02	1.0	<0.1	0.8	0.3	6.1	0.02	0.40	0.13	320	0.10
DUP 3195519	QC			0.30	66.72	1.47	77.6	87	39.7	13.4	450	4.94	0.8	<0.1	1.1	0.3	6.2	0.03	0.41	0.13	320	0.11
NDM-WK-222	Rock		0.64	0.29	74.73	7.24	26.5	1767	6.0	37.9	176	8.55	>10000	0.1	13734.0	0.8	11.3	0.15	30.39	0.62	42	0.73
DUP NDM-WK-222	QC			0.39	88.22	7.56	25.2	2200	6.0	44.5	178	9.06	>10000	0.1	17454.6	0.8	10.7	0.15	32.18	0.64	45	0.69
NDM-WK-256	Rock		0.62	0.25	81.21	8.53	48.9	207	5.4	43.9	558	6.60	>10000	<0.1	488.7	0.4	8.1	0.21	5.81	0.21	154	1.42
DUP NDM-WK-256	QC			0.26	81.44	7.93	50.4	193	5.3	42.3	554	6.52	>10000	<0.1	455.8	0.3	7.4	0.17	5.33	0.21	159	1.46
Reference Materials																						
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD DS11	Standard			14.49	154.07	144.58	346.9	1862	82.0	13.6	1073	3.14	44.3	2.7	74.6	7.6	68.9	2.19	8.22	12.93	48	1.06
STD DS11	Standard			16.07	151.19	142.74	348.4	1686	82.4	14.5	1038	3.19	43.4	2.7	86.1	7.8	67.1	2.22	8.27	11.76	54	1.05
STD DS11	Standard			14.00	150.58	138.10	337.7	1691	83.9	14.0	1042	3.17	46.8	2.5	95.1	7.6	67.2	2.34	8.01	11.94	53	1.08
STD DS11	Standard			13.78	144.54	133.94	352.0	1820	76.8	13.5	1061	3.13	47.6	2.6	85.2	7.7	70.4	2.46	8.98	12.65	50	1.07
STD DS11	Standard			14.20	149.95	135.64	347.5	1709	78.4	13.2	1067	3.08	43.4	2.6	71.3	7.3	68.8	2.41	8.07	12.33	50	1.04
STD OXC129	Standard			1.35	27.11	6.08	42.5	11	84.1	20.4	441	3.03	0.8	0.7	198.0	1.7	188.0	0.02	0.04	<0.02	51	0.63
STD OXC129	Standard			1.34	28.02	6.34	38.8	17	86.8	22.2	427	3.15	0.4	0.7	183.1	1.8	191.8	0.03	0.04	<0.02	57	0.71
STD OXC129	Standard			1.22	26.82	5.92	39.8	15	81.1	20.6	438	3.05	0.7	0.6	188.2	1.7	185.7	0.01	0.04	0.03	56	0.66

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
3195517	Rock		0.036	4.3	94.4	0.90	33.7	0.073	<1	2.15	0.252	0.12	<0.1	8.6	0.11	<0.02	16	<0.1	<0.02	6.2		
REP 3195517	QC		0.035	4.4	99.1	0.90	34.8	0.072	<1	2.14	0.250	0.12	<0.1	8.5	0.11	<0.02	<5	<0.1	<0.02	6.2		
3195551	Rock		0.036	7.1	23.7	1.26	125.7	0.155	3	3.49	0.297	0.56	<0.1	10.6	0.16	0.11	<5	<0.1	<0.02	7.1		
REP 3195551	QC		0.036	6.7	23.7	1.25	126.4	0.152	2	3.45	0.296	0.55	<0.1	10.1	0.15	0.10	<5	<0.1	<0.02	6.9		
3195564	Rock		0.032	11.6	4.1	0.84	58.3	0.156	3	1.56	0.101	0.29	6.0	9.2	0.18	0.35	<5	<0.1	0.02	6.3	2856	
REP 3195564	QC																				2891	
REP NDM-WK-222	QC		0.173	7.1	1.0	0.53	37.2	0.066	1	1.23	0.093	0.46	87.7	19.1	0.28	2.79	<5	1.6	0.34	7.9		
NDM-WK-243	Rock		0.009	2.1	15.7	0.28	39.0	0.028	<1	0.47	0.031	0.15	11.4	3.2	0.16	0.28	42	0.6	0.10	2.8	2526	
REP NDM-WK-243	QC																				2475	
REP NDM-WK-256	QC		0.036	2.2	<0.5	0.85	111.8	0.047	<1	1.74	0.200	0.10	25.3	18.5	0.25	0.92	14	0.3	0.03	6.2		
Core Reject Duplicates																						
3195519	Rock		0.038	1.8	296.2	0.80	315.5	0.157	<1	2.22	0.075	1.14	0.1	35.0	1.05	0.47	<5	0.6	0.15	9.9		
DUP 3195519	QC		0.037	1.9	302.8	0.79	321.9	0.159	<1	2.20	0.081	1.14	0.1	35.4	1.12	0.47	<5	0.8	0.18	9.7		
NDM-WK-222	Rock		0.167	6.8	0.9	0.52	34.4	0.061	<1	1.22	0.090	0.46	82.4	17.2	0.26	2.88	24	1.5	0.33	8.0	>10000	9.5
DUP NDM-WK-222	QC		0.156	6.6	1.1	0.54	33.2	0.064	<1	1.25	0.083	0.48	82.0	18.2	0.29	3.06	30	1.4	0.32	8.5	>10000	11.8
NDM-WK-256	Rock		0.040	2.3	0.7	0.83	117.0	0.046	<1	1.71	0.200	0.10	27.2	18.1	0.26	0.96	<5	0.4	0.04	6.4		
DUP NDM-WK-256	QC		0.035	2.3	<0.5	0.85	113.9	0.047	1	1.72	0.201	0.10	26.1	18.4	0.25	0.93	8	0.6	0.03	6.8		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.070	18.2	60.8	0.85	359.4	0.090	7	1.13	0.073	0.40	3.0	3.2	4.95	0.27	241	2.2	4.84	4.9		
STD DS11	Standard		0.068	18.6	62.3	0.85	364.4	0.098	8	1.17	0.076	0.40	2.8	3.2	4.70	0.28	245	2.2	4.57	5.1		
STD DS11	Standard		0.074	18.6	59.7	0.85	365.6	0.092	6	1.17	0.075	0.40	3.0	3.2	4.72	0.29	249	1.6	4.90	5.6		
STD DS11	Standard		0.074	18.2	58.2	0.84	389.5	0.091	8	1.16	0.078	0.41	3.5	3.7	4.81	0.28	285	2.0	4.93	4.8		
STD DS11	Standard		0.068	17.7	59.5	0.84	354.8	0.093	5	1.15	0.075	0.40	3.0	3.4	4.85	0.28	257	2.1	4.44	4.9		
STD OXC129	Standard		0.099	12.4	54.4	1.55	48.6	0.404	1	1.55	0.601	0.36	<0.1	1.2	0.05	<0.02	<5	<0.1	<0.02	5.5		
STD OXC129	Standard		0.102	12.7	55.3	1.60	49.3	0.431	1	1.63	0.597	0.37	<0.1	1.3	0.03	<0.02	<5	<0.1	<0.02	5.4		
STD OXC129	Standard		0.099	12.3	52.7	1.57	49.1	0.407	<1	1.57	0.583	0.36	<0.1	0.9	0.04	<0.02	<5	<0.1	<0.02	5.8		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD OXC129	Standard		1.33	27.73	6.56	40.9	24	84.9	20.5	443	3.08	4.4	0.8	203.9	1.9	207.1	<0.01	0.04	<0.02	55	0.67
STD OXC129	Standard		1.35	29.54	6.39	44.2	8	79.6	21.2	408	3.09	0.8	0.8	213.9	2.0	196.3	0.04	0.03	<0.02	53	0.64
STD OXC129	Standard		1.35	29.64	6.29	44.0	19	82.2	21.0	420	3.10	0.7	0.7	191.2	1.8	192.0	0.04	0.03	<0.02	53	0.66
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected																					
STD OXH139 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	<0.01	<0.01	0.1	<2	0.2	<0.1	3	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.01	<0.01	0.1	<2	0.2	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	0.04	<0.1	3	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
STD OXC129	Standard	0.101	12.9	53.7	1.55	49.5	0.405	1	1.58	0.586	0.36	<0.1	1.5	0.03	<0.02	<5	<0.1	<0.02	5.5		
STD OXC129	Standard	0.107	13.4	54.8	1.57	52.8	0.409	<1	1.64	0.624	0.41	0.3	2.9	0.04	<0.02	<5	<0.1	<0.02	5.7		
STD OXC129	Standard	0.108	12.5	53.8	1.57	49.9	0.415	<1	1.66	0.621	0.40	0.2	1.8	0.04	<0.02	<5	<0.1	<0.02	5.5		
STD OXC145	Standard																			221	
STD OXC145	Standard																			225	
STD OXC145	Standard																			224	
STD OXH139	Standard																			1376	
STD OXH139	Standard																			1360	
STD OXQ114	Standard																				35.5
STD OXQ114	Standard																				35.3
STD SP49	Standard																				18.5
STD SP49	Standard																				17.8
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXC145 Expected																				212	
STD OXH139 Expected																				1312	
STD AGPROOF Expected																					0
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
BLK	Blank	<0.001	<0.5	0.6	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			3	
BLK	Blank																			3	
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																				<0.9
BLK	Blank																			<2	
BLK	Blank																			<2	
BLK	Blank																				<0.9

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON

Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Prep Wash																					
ROCK-VAN	Prep Blank		1.18	5.75	1.20	37.9	6	1.5	3.6	575	1.76	1.5	0.4	3.1	1.9	37.8	0.02	0.04	0.05	22	0.74
ROCK-VAN	Prep Blank		1.44	6.98	1.68	39.3	11	1.1	3.6	552	1.70	1.3	0.4	0.8	1.9	34.3	0.02	0.05	0.05	20	0.89

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: July 27, 2018

QUALITY CONTROL REPORT VAN18001548.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.040	5.5	3.3	0.56	72.9	0.067	3	1.14	0.091	0.10	0.1	2.9	<0.02	0.05	<5	<0.1	<0.02	4.1		
ROCK-VAN	Prep Blank	0.040	5.5	2.6	0.51	72.1	0.072	4	1.17	0.101	0.11	<0.1	3.1	<0.02	0.07	<5	<0.1	<0.02	4.2		

Queen's Facility for Isotope Research

Queen's Facility for Isotope Research
Department of Geological Sciences
Miller Hall, Queen's University
Kingston, Ontario, Canada K7L 3N6
Tel. (613) 533-2183
Fax. (613) 533-6592

16/11/2018

Please find below the results from your WO: VAN18001548A for isotopic analyses of $\delta^{13}C$ and $\delta^{18}O$. QFIR protocols ensure both QA and QC reported herein for on-line results by generating 10% analyses each of the following: 1) certified reference materials and secondary standards 2) random duplication of unknown samples and 3) blanks. The off-line results are ensured by generating 20% standard analyses. This assurance and control program provides the routine monitoring of quality of both the measurements and the instrumentation.

Please note that all results are calibrated to certified reference materials, reported in standard permil notation (‰) and relative to the following international standards below:

Isotope		***Reference Material***
$\delta^{13}C$	*relative to*	VPDB
$\delta^{18}O$	*relative to*	VSMOW, VSLAP

Precision, in permil notation (‰) is based upon duplicate sample analyses. Accuracy reported below, in permil notation (‰) is based upon primary or secondary standard analyses as follows:

Isotope	***Accuracy (std. dev.)***
$\delta^{13}C$	0.1‰
$\delta^{18}O$	0.5‰

Assoc. Prof. Matthew Leybourne & Assoc. Prof. Dan Layton-Matthews, co-Directors QFIR

Matthew Leybourne

Client Name:

Dave Webb
New Discovery Mines Ltd.
6120 185A Street
Surrey, British Columbia
V3S 7P9
Canada

WO#: VAN18001548A
No. of Samples: n=9 carbonates

Sample ID	$\delta^{13}C$ ‰ vs VPDB	$\delta^{18}O$ ‰ vs VSMOW
NDM_WK_217	-1.2	18.6
NDM_WK_218	-3.1	14.2
NDM_WK_219	insufficient % carbonate	
NDM_WK_224	insufficient % carbonate	
NDM_WK_226	-3.0	17.3
NDM_WK_227	insufficient % carbonate	
NDM_WK_247	-2.8	14.5
NDM_WK_266	-3.2	15.7
NDM_WK_267	-3.8	15.2

Methodology:

Carbonates: The $\delta^{13}C$ and $\delta^{18}O$ ratios of calcite were determined by reacting approximately 20 mg of powdered material with 100% anhydrous phosphoric acid at 72°C for 4 hours. The CO_2 released was analyzed using a Thermo-Finnigan Gas Bench coupled to a Thermo-Finnigan Delta^{Plus} XP Continuous-Flow Isotope-Ratio Mass Spectrometer (CF-IRMS). The $\delta^{13}C$ and $\delta^{18}O$ values are reported using the delta (δ) notation in permil (‰), relative to Vienna Pee Dee Belemnite (VPDB) and Vienna Standard Mean Ocean Water (VSMOW) respectively, with precisions of 0.2‰.

Sample storage policy:

Samples are kept for 90 days from the date data is released, then disposed of. Please note that unless specifically requested, unused sample material will not be returned to you. If you wish to have your samples shipped back to you, please provide a shipping account; alternatively, the shipping costs can be added to your invoice upon request.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: July 11, 2018
Report Date: August 02, 2018
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN18001674.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-02
P.O. Number
Number of Samples: 48

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	43	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			VAN
AQ251	47	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	8	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	8	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

CERTIFICATE OF ANALYSIS VAN18001674.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195003	Rock	1.21	2.39	2.40	8.29	17.1	32	1.7	1.8	327	0.79	14.2	5.9	0.3	30.9	5.2	0.11	0.33	<0.02	3	0.46
3195004	Rock	0.61	0.60	6.17	16.76	49.8	63	1.3	1.6	142	0.62	1.9	7.4	1.2	29.4	3.0	0.37	0.44	<0.02	2	0.15
3195005	Rock	1.18	0.18	62.80	4.79	13.1	141	33.8	20.0	821	2.79	6.1	2.8	3.2	16.9	9.5	0.03	0.63	0.06	13	2.49
3195006	Rock	0.78	0.12	58.00	16.61	24.5	169	52.4	29.1	471	3.02	176.9	0.3	35.6	1.2	7.7	0.08	0.68	<0.02	72	1.08
3195007	Rock	0.59	0.41	45.52	3.25	48.8	70	2.5	20.2	620	5.65	33.0	0.1	0.6	1.0	5.6	0.07	0.81	<0.02	60	1.60
3195008	Rock	0.99	0.10	38.64	19.86	20.4	264	23.9	12.9	494	1.95	167.3	1.1	757.7	4.4	5.4	0.15	1.14	<0.02	47	0.86
3195009	Rock	1.45	2.74	68.27	59.42	27.7	841	8.8	10.3	533	5.01	39.8	1.4	68.2	12.0	4.6	0.21	0.99	0.04	12	0.97
3195010	Rock Pulp	0.04	2.36	90.04	3.80	36.7	135	4.9	8.4	376	2.53	0.8	0.8	2.4	2.7	71.2	0.05	0.12	0.05	86	0.85
3195011	Rock	1.00	0.20	11.83	18.05	14.2	141	7.9	13.1	855	2.05	933.5	3.0	397.6	12.5	6.5	0.25	0.79	<0.02	1	1.52
3195012	Rock	0.95	0.10	2.77	1.17	15.3	7	11.8	8.4	599	2.07	6.0	<0.1	0.8	0.4	6.9	0.07	1.52	<0.02	86	1.21
3195013	Rock	0.40	0.12	8.10	0.98	10.6	4	14.9	11.6	489	1.60	8.5	0.3	1.8	1.0	4.0	0.02	0.86	<0.02	83	0.82
3195014	Rock	0.66	0.17	70.49	8.96	25.9	158	138.2	23.7	310	3.96	176.5	0.1	49.2	0.5	3.8	0.10	1.29	0.05	127	0.27
3195015	Rock	0.86	11.15	11.41	31.95	23.8	668	9.9	5.7	243	1.58	14.6	1.0	5726.2	5.9	7.7	0.31	0.83	<0.02	9	0.35
3195016	Rock	1.19	0.40	187.57	3.84	20.3	133	66.2	37.0	392	3.62	2.5	<0.1	9.1	1.2	4.7	<0.01	0.64	0.16	98	0.60
3195017	Rock	1.61	0.76	81.67	1.50	15.6	48	33.7	19.9	326	2.57	2.9	0.2	12.0	1.0	4.5	<0.01	0.51	0.09	59	0.63
3195018	Rock	0.86	0.47	283.28	5.84	11.6	174	12.4	55.6	385	6.12	17.4	4.4	48.9	21.9	10.0	0.03	1.34	0.17	4	0.51
3195564	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
3195565	Rock	0.66	3.14	27.93	46.55	41.5	663	1.1	1.0	85	6.31	16.9	0.5	3.7	3.5	3.5	0.08	19.42	0.31	6	0.08
3195566	Rock	0.73	0.87	25.45	13.02	87.9	100	1.6	2.4	81	1.43	2.1	5.8	0.5	26.7	3.3	0.43	1.55	0.02	<1	0.07
3195567	Rock	1.16	0.31	370.93	8.57	22.0	749	21.8	10.5	252	19.78	56.1	0.6	36.9	6.2	2.8	<0.01	1.99	0.30	11	0.11
3195568	Rock	0.80	0.27	86.80	1.49	30.8	30	9.0	19.3	410	4.77	2.2	<0.1	0.6	0.8	3.8	0.02	0.31	0.04	80	0.98
3195569	Rock	0.77	0.26	45.54	207.12	155.3	15585	42.0	19.9	272	1.64	242.6	0.2	42.3	1.1	15.1	1.73	5.06	0.55	32	1.44
3195570	Rock Pulp	0.04	2.28	88.18	3.67	30.5	130	3.9	8.2	367	2.41	1.0	0.8	<0.2	2.5	64.2	0.05	0.13	0.05	84	0.84
3195571	Rock	0.51	0.42	148.35	288.16	154.2	74363	64.3	77.8	556	11.65	131.3	0.2	67.2	0.8	1.6	1.64	31.37	0.06	118	0.31
3195572	Rock	0.65	0.84	458.05	>10000	43.8	56180	2.8	175.6	101	35.29	>10000	<0.1	16484.0	<0.1	2.2	3.60	243.67	44.53	9	<0.01
3195573	Rock	0.88	1.20	32.66	90.28	26.9	660	2.1	2.8	257	2.08	959.7	3.0	34.5	16.6	7.2	0.05	5.05	0.31	4	0.46
3195574	Rock	0.54	0.94	32.47	34.61	49.3	169	4.1	3.2	359	1.56	46.3	3.6	5.3	16.3	13.1	0.11	4.06	0.18	9	1.56
3195575	Rock	0.98	0.34	65.01	158.70	1225.9	20883	19.0	13.4	824	4.72	163.4	<0.1	78.1	0.5	1.4	8.20	7.82	0.81	196	0.33
3195576	Rock	1.80	0.46	115.84	247.75	496.6	23568	24.4	13.4	1150	5.82	43.7	<0.1	51.3	0.3	1.4	3.08	10.48	0.45	173	0.46
3195577	Rock	1.45	0.15	115.97	4.69	15.2	207	16.6	6.2	281	1.12	25.6	<0.1	1260.1	<0.1	20.6	0.11	0.44	<0.02	25	2.69

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

CERTIFICATE OF ANALYSIS VAN18001674.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195003	Rock	0.006	39.0	1.5	0.53	55.7	0.029	2	0.53	0.097	0.11	1.2	1.5	0.03	<0.02	<5	<0.1	<0.02	2.5		
3195004	Rock	0.009	7.3	1.3	0.42	15.6	0.009	<1	0.31	0.085	0.06	<0.1	0.7	0.05	<0.02	16	<0.1	<0.02	1.2		
3195005	Rock	0.053	8.3	20.6	1.29	58.2	0.023	2	0.85	0.104	0.12	<0.1	2.5	0.07	0.44	8	0.3	0.08	3.2		
3195006	Rock	0.030	5.1	75.8	0.92	59.9	0.132	<1	1.22	0.124	0.50	3.1	8.4	0.19	0.13	<5	0.5	0.04	4.1		
3195007	Rock	0.074	9.7	1.2	0.60	52.0	0.110	<1	1.44	0.201	0.17	0.1	15.4	0.06	0.15	<5	0.3	<0.02	9.9		
3195008	Rock	0.011	4.3	116.7	0.55	53.0	0.099	<1	0.68	0.086	0.25	2.2	7.0	0.10	0.20	<5	<0.1	0.06	2.3		
3195009	Rock	0.014	3.4	12.0	0.86	26.5	0.024	<1	0.91	0.168	0.11	0.3	2.4	0.23	0.33	8	4.0	0.19	4.0		
3195010	Rock Pulp	0.061	6.9	9.5	0.71	124.9	0.103	2	1.45	0.171	0.21	3.2	3.0	0.05	<0.02	7	<0.1	<0.02	4.6		
3195011	Rock	0.011	4.1	1.8	0.40	14.5	0.013	<1	0.51	0.088	0.11	0.5	0.9	0.05	0.14	7	0.2	0.06	2.3		
3195012	Rock	0.002	1.9	277.3	0.67	11.9	0.179	1	0.69	0.170	0.05	0.1	12.8	<0.02	<0.02	6	<0.1	<0.02	2.9		
3195013	Rock	0.004	4.4	254.0	0.51	8.6	0.156	<1	0.50	0.118	0.07	<0.1	9.6	0.02	<0.02	13	<0.1	<0.02	2.0		
3195014	Rock	0.015	2.2	198.4	1.06	142.3	0.110	1	1.29	0.105	0.71	1.8	9.7	0.29	0.52	10	0.9	0.03	5.3		
3195015	Rock	0.004	4.7	5.7	0.51	7.3	0.009	1	0.77	0.098	0.03	<0.1	1.4	0.03	0.08	<5	0.1	<0.02	3.5	6167	
3195016	Rock	0.030	2.6	72.3	1.89	181.1	0.145	2	1.59	0.125	1.03	<0.1	8.2	0.36	0.95	10	1.4	0.07	5.5		
3195017	Rock	0.027	4.5	48.9	1.52	174.9	0.109	1	1.19	0.106	0.39	<0.1	6.3	0.18	0.34	<5	0.3	0.03	3.8		
3195018	Rock	0.003	2.7	2.1	0.78	34.8	0.017	5	1.20	0.107	0.09	<0.1	1.3	0.06	3.48	<5	2.1	0.25	4.4		
3195564	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.		
3195565	Rock	0.023	5.6	5.9	0.19	16.4	0.019	1	0.51	0.028	0.23	0.3	0.8	0.33	0.52	147	1.2	0.28	2.5		
3195566	Rock	0.008	16.8	1.6	0.38	20.6	0.003	<1	0.81	0.046	0.45	<0.1	0.9	1.36	0.32	54	<0.1	0.03	2.2		
3195567	Rock	0.014	2.3	4.6	0.23	52.9	0.030	<1	0.57	0.035	0.26	<0.1	1.2	0.16	0.60	21	1.5	0.39	5.3		
3195568	Rock	0.099	4.9	1.0	1.01	5.7	0.073	3	1.85	0.124	0.04	<0.1	8.1	<0.02	0.05	7	0.2	0.03	8.1		
3195569	Rock	0.022	4.5	50.7	0.31	19.6	0.116	3	1.18	0.025	0.22	0.6	3.4	0.07	0.26	7	<0.1	<0.02	3.1		
3195570	Rock Pulp	0.060	6.6	9.8	0.67	117.8	0.097	<1	1.36	0.163	0.20	3.1	2.5	0.04	0.04	<5	<0.1	<0.02	4.3		
3195571	Rock	0.076	5.6	15.0	0.50	8.8	0.095	2	1.01	0.022	0.21	0.6	8.7	0.11	7.36	17	0.2	<0.02	5.4		
3195572	Rock	0.006	2.2	0.9	0.03	2.1	0.001	<1	0.15	0.001	0.01	0.1	0.9	0.07	>10	78	10.4	3.65	1.3	>10000	14.2
3195573	Rock	0.013	18.1	1.8	0.86	8.9	0.010	6	1.56	0.076	0.42	<0.1	2.4	0.47	0.71	14	0.3	0.05	4.6		
3195574	Rock	0.031	12.5	4.0	0.91	13.7	0.021	4	3.12	0.200	0.40	0.2	2.7	0.56	0.68	41	<0.1	0.07	6.8		
3195575	Rock	0.031	1.6	23.4	0.80	9.4	0.190	3	1.42	0.016	0.19	0.7	13.1	0.05	1.36	118	<0.1	<0.02	6.2		
3195576	Rock	0.023	2.1	17.4	0.89	3.5	0.236	<1	1.40	0.003	0.10	0.6	13.0	0.03	2.35	90	0.2	<0.02	6.0		
3195577	Rock	0.015	0.8	69.2	0.35	12.9	0.048	<1	1.77	0.138	0.05	0.9	4.9	<0.02	0.04	17	<0.1	<0.02	3.0	1458	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

CERTIFICATE OF ANALYSIS VAN18001674.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195578	Rock	0.76	0.38	15.07	9.19	20.2	236	0.7	2.1	254	3.11	7001.2	0.2	267.6	2.2	3.8	0.03	3.82	0.27	1	0.13
3195579	Rock	0.73	0.82	92.51	1.96	55.3	36	3.4	30.6	630	5.15	14.2	<0.1	1.9	0.6	6.6	0.06	0.33	<0.02	111	2.05
3195580	Rock Pulp	0.04	32.28	2047.52	362.84	677.9	6211	188.6	14.9	487	3.32	43.2	0.8	11195.2	2.9	79.3	3.91	6.51	0.92	87	1.05
3195581	Rock	0.91	0.59	99.47	14.08	54.2	1084	15.6	5.4	253	10.82	35.5	0.1	13.1	0.7	4.2	0.06	6.39	0.49	135	0.04
3195582	Rock	1.32	0.18	155.43	26.98	144.7	499	34.2	32.7	923	4.65	6.2	<0.1	0.5	0.6	7.9	0.37	1.84	0.04	137	1.45
3195583	Rock	1.44	0.74	62.24	9.04	42.6	466	1.2	17.9	366	6.86	>10000	<0.1	3562.0	1.0	3.2	0.19	14.22	2.20	20	0.57
3195584	Rock	0.86	0.52	47.45	3.40	79.5	103	1.1	17.4	864	7.72	113.3	0.1	35.8	0.8	4.9	0.48	0.97	0.09	23	1.93
3195585	Rock	0.65	0.18	67.57	0.91	52.7	105	0.8	11.9	700	8.51	30.5	<0.1	69.4	0.3	2.6	0.06	1.66	0.08	38	1.57
3195586	Rock	0.52	0.27	151.99	3.41	44.8	263	28.1	20.9	648	3.95	12.7	<0.1	12.4	0.6	26.1	0.12	10.79	0.07	152	3.84
3195587	Rock	0.62	0.24	36.13	13.55	28.2	501	0.2	4.9	383	3.85	>10000	0.2	2997.3	3.0	3.8	0.13	6.63	0.32	2	0.32
3195588	Rock	0.99	0.62	71.02	31.43	62.0	1390	13.8	15.3	378	3.52	134.9	0.2	3.1	1.7	34.7	0.34	0.78	0.05	110	2.55
3195589	Rock	0.89	1.37	1556.11	>10000	>10000	>100000	12.0	19.0	78	1.87	9611.0	<0.1	19948.6	0.3	63.5	100.28	58.72	104.90	9	1.28
3195590	Rock Pulp	0.04	2.41	94.03	3.96	39.8	126	4.6	8.8	367	2.52	0.7	0.9	11.9	2.9	67.6	0.06	0.13	0.06	92	0.85
3195591	Rock	1.28	0.82	1592.04	5291.54	1204.0	71004	11.4	5.3	184	2.80	3198.7	0.2	42079.0	0.3	292.2	15.47	45.28	11.02	19	5.89
3195592	Rock	0.64	1.94	97.67	106.52	113.2	791	72.3	24.2	217	3.95	114.0	1.0	71.6	5.4	4.8	0.42	0.60	0.28	92	0.14
3195593	Rock	0.78	0.25	307.50	27.96	34.1	517	53.8	28.4	330	3.51	11.2	0.3	243.7	2.2	11.3	0.11	0.46	0.12	83	1.48
3195594	Rock	1.22	1.10	100.89	11.12	67.1	135	6.3	18.2	327	4.02	10.2	0.9	4.3	7.3	25.8	0.17	0.43	0.06	82	1.32
3195595	Rock	0.59	1.20	490.15	38.72	152.3	495	80.8	102.7	224	2.15	147.8	2.5	16.8	10.7	8.1	0.37	0.53	0.26	96	0.32

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

CERTIFICATE OF ANALYSIS VAN18001674.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195578	Rock	0.017	10.2	1.8	0.29	27.6	0.039	2	0.64	0.081	0.19	2.5	4.6	0.06	0.33	50	<0.1	<0.02	6.9		
3195579	Rock	0.010	3.7	1.7	0.81	8.6	0.128	2	1.84	0.316	0.05	<0.1	20.3	<0.02	0.22	7	0.3	<0.02	7.1		
3195580	Rock Pulp	0.059	7.2	34.6	0.95	167.7	0.128	2	1.71	0.217	0.25	5.0	3.8	0.27	0.47	287	2.6	0.29	5.2	>10000	I.S.
3195581	Rock	0.022	1.9	180.4	0.49	43.5	0.174	<1	1.31	0.065	0.98	<0.1	10.0	2.06	0.97	37	0.1	0.09	7.0		
3195582	Rock	0.055	5.2	63.7	1.20	14.2	0.359	3	2.31	0.087	0.24	0.4	10.7	0.27	0.23	<5	<0.1	<0.02	7.2		
3195583	Rock	0.059	6.9	1.6	0.46	43.8	0.072	5	1.34	0.083	0.41	6.9	12.0	0.14	2.84	14	2.6	0.50	9.1	4121	
3195584	Rock	0.165	7.7	1.0	0.54	10.0	0.088	<1	1.67	0.253	0.10	0.1	21.0	0.03	0.46	5	0.5	<0.02	11.1		
3195585	Rock	0.075	4.0	3.9	0.91	24.9	0.073	<1	2.25	0.311	0.09	<0.1	19.0	0.08	0.11	10	2.7	0.10	13.4		
3195586	Rock	0.070	6.0	35.1	1.07	17.7	0.121	2	4.47	0.234	0.17	<0.1	13.0	0.06	0.04	<5	0.2	<0.02	11.6		
3195587	Rock	0.017	18.4	1.0	0.40	44.1	0.055	<1	0.77	0.078	0.29	19.0	6.4	0.08	0.95	12	0.8	0.09	6.0	3699	
3195588	Rock	0.182	10.8	6.4	1.29	108.2	0.130	3	3.29	0.204	0.31	0.5	9.2	0.06	0.39	<5	0.3	<0.02	11.9		
3195589	Rock	0.541	1.7	9.2	0.17	9.3	0.021	<1	0.20	0.006	0.02	1.4	1.1	0.08	1.51	295	10.3	6.68	1.2	>10000	22.0
3195590	Rock Pulp	0.062	7.0	11.2	0.69	119.5	0.107	<1	1.45	0.172	0.21	3.5	2.5	0.04	<0.02	<5	<0.1	<0.02	4.8		
3195591	Rock	2.380	2.6	11.0	0.55	6.0	0.036	<1	0.38	0.017	0.02	2.1	1.5	0.15	0.92	202	2.4	0.72	2.6	>10000	37.5
3195592	Rock	0.068	22.3	140.6	1.31	246.0	0.196	<1	2.42	0.044	1.83	0.2	9.4	0.56	0.09	<5	<0.1	<0.02	10.3		
3195593	Rock	0.069	11.0	48.5	1.01	45.5	0.092	<1	1.26	0.173	0.13	<0.1	10.6	0.04	0.42	<5	0.7	<0.02	4.7		
3195594	Rock	0.204	47.4	1.2	0.98	472.0	0.184	1	1.86	0.134	0.94	0.2	8.3	0.15	<0.02	<5	<0.1	0.02	9.1		
3195595	Rock	0.081	37.4	53.8	1.09	219.0	0.159	3	1.37	0.099	0.60	0.3	9.8	0.16	0.26	<5	<0.1	0.07	7.3		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

QUALITY CONTROL REPORT VAN18001674.1

		Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
3195013	Rock		0.40	0.12	8.10	0.98	10.6	4	14.9	11.6	489	1.60	8.5	0.3	1.8	1.0	4.0	0.02	0.86	<0.02	83	0.82
REP 3195013	QC			0.09	8.59	0.99	11.5	7	15.6	11.1	485	1.62	8.0	0.3	1.0	1.1	4.0	0.03	0.85	<0.02	82	0.81
3195585	Rock		0.65	0.18	67.57	0.91	52.7	105	0.8	11.9	700	8.51	30.5	<0.1	69.4	0.3	2.6	0.06	1.66	0.08	38	1.57
REP 3195585	QC			0.17	63.99	0.87	48.5	102	0.7	13.1	641	8.78	28.2	<0.1	65.2	0.3	2.4	0.07	1.60	0.04	39	1.58
Core Reject Duplicates																						
3195566	Rock		0.73	0.87	25.45	13.02	87.9	100	1.6	2.4	81	1.43	2.1	5.8	0.5	26.7	3.3	0.43	1.55	0.02	<1	0.07
DUP 3195566	QC			0.89	22.50	12.77	81.6	115	1.9	2.2	70	1.46	2.2	5.4	<0.2	26.7	3.1	0.41	1.58	0.02	<1	0.06
Reference Materials																						
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD DS11	Standard			14.80	143.99	132.08	329.4	1605	77.5	13.0	984	3.00	39.5	2.5	56.5	7.3	64.8	2.19	8.57	11.48	47	1.01
STD DS11	Standard			15.43	150.58	149.37	360.5	1759	80.6	14.2	1062	3.11	42.5	3.0	86.5	8.5	72.2	2.43	9.64	12.65	51	1.08
STD DS11	Standard			16.02	163.25	147.25	345.1	1631	82.3	13.7	1033	3.19	43.3	2.7	68.9	8.4	65.1	2.47	8.65	12.12	52	1.08
STD OXC129	Standard			1.24	27.59	5.80	40.6	21	79.4	19.9	419	2.86	0.7	0.7	198.0	1.8	180.2	<0.01	0.04	<0.02	47	0.63
STD OXC129	Standard			1.17	28.24	6.81	41.5	16	82.3	20.8	419	2.91	3.6	0.7	205.9	1.9	204.9	0.03	0.04	<0.02	50	0.69
STD OXC129	Standard			1.35	27.34	6.38	41.0	8	89.0	20.7	403	3.04	0.5	0.7	200.0	1.9	180.0	0.01	0.03	<0.02	53	0.67
STD OXC145	Standard																					
STD OXC145	Standard																					
STD OXH139	Standard																					
STD OXQ114	Standard																					
STD OXQ114	Standard																					
STD SP49	Standard																					
STD SP49	Standard																					
STD OXC129 Expected				1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected				14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected																						
STD OXH139 Expected																						
STD AGPROOF Expected																						

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

QUALITY CONTROL REPORT VAN18001674.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
3195013	Rock		0.004	4.4	254.0	0.51	8.6	0.156	<1	0.50	0.118	0.07	<0.1	9.6	0.02	<0.02	13	<0.1	<0.02	2.0		
REP 3195013	QC		0.003	4.2	262.3	0.52	9.3	0.159	<1	0.51	0.119	0.07	<0.1	9.9	0.03	<0.02	6	<0.1	<0.02	2.0		
3195585	Rock		0.075	4.0	3.9	0.91	24.9	0.073	<1	2.25	0.311	0.09	<0.1	19.0	0.08	0.11	10	2.7	0.10	13.4		
REP 3195585	QC		0.072	3.8	3.9	0.92	25.3	0.073	<1	2.29	0.313	0.09	<0.1	17.0	0.09	0.11	7	2.6	0.08	12.1		
Core Reject Duplicates																						
3195566	Rock		0.008	16.8	1.6	0.38	20.6	0.003	<1	0.81	0.046	0.45	<0.1	0.9	1.36	0.32	54	<0.1	0.03	2.2		
DUP 3195566	QC		0.009	15.4	1.4	0.34	15.8	0.002	<1	0.66	0.037	0.37	<0.1	0.6	1.22	0.30	53	0.1	<0.02	1.8		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.064	17.6	57.4	0.82	354.2	0.086	7	1.11	0.071	0.39	2.9	3.1	4.50	0.26	273	2.0	4.36	4.8		
STD DS11	Standard		0.072	20.8	62.7	0.85	394.0	0.103	9	1.21	0.077	0.42	3.3	3.4	4.91	0.27	278	2.2	5.12	5.2		
STD DS11	Standard		0.073	19.7	60.1	0.83	358.9	0.095	8	1.17	0.078	0.41	3.3	3.3	4.97	0.29	249	2.1	4.76	4.8		
STD OXC129	Standard		0.096	12.0	48.7	1.46	48.1	0.374	<1	1.42	0.560	0.35	<0.1	1.7	0.03	<0.02	6	<0.1	<0.02	5.2		
STD OXC129	Standard		0.104	13.2	53.4	1.48	49.6	0.408	1	1.54	0.576	0.35	<0.1	1.5	0.03	<0.02	<5	<0.1	<0.02	5.1		
STD OXC129	Standard		0.107	13.0	54.2	1.50	51.8	0.402	<1	1.53	0.569	0.37	<0.1	1.1	0.05	<0.02	<5	<0.1	<0.02	5.4		
STD OXC145	Standard																				219	
STD OXC145	Standard																				215	
STD OXH139	Standard																				1388	
STD OXQ114	Standard																					34.2
STD OXQ114	Standard																					35.3
STD SP49	Standard																					18.4
STD SP49	Standard																					18.6
STD OXC129 Expected			0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected			0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXC145 Expected																					212	
STD OXH139 Expected																					1312	
STD AGPROOF Expected																						0

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

QUALITY CONTROL REPORT VAN18001674.1

		WGHT Wgt kg 0.01	AQ251 Mo ppm 0.01	AQ251 Cu ppm 0.01	AQ251 Pb ppm 0.01	AQ251 Zn ppm 0.1	AQ251 Ag ppb 2	AQ251 Ni ppm 0.1	AQ251 Co ppm 0.1	AQ251 Mn ppm 1	AQ251 Fe % 0.01	AQ251 As ppm 0.1	AQ251 U ppm 0.1	AQ251 Au ppb 0.2	AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 1	AQ251 Ca % 0.01
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	0.2	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		1.37	7.56	3.04	57.7	22	1.2	3.6	553	1.83	1.1	0.5	<0.2	2.1	31.2	0.20	0.09	0.02	21	0.70
ROCK-VAN	Prep Blank		1.25	7.22	3.06	56.8	18	1.0	3.7	519	1.71	1.3	0.4	<0.2	2.1	27.5	0.21	0.08	<0.02	20	0.67

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 02, 2018

QUALITY CONTROL REPORT VAN18001674.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			3	
BLK	Blank																			3	
BLK	Blank																			2	
BLK	Blank																				<0.9
BLK	Blank																				<0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.037	6.3	2.9	0.48	69.2	0.083	1	0.98	0.091	0.10	0.1	3.0	0.03	0.05	<5	<0.1	<0.02	3.9		
ROCK-VAN	Prep Blank	0.040	5.7	2.6	0.47	60.2	0.074	2	0.89	0.066	0.07	<0.1	2.9	0.02	0.05	<5	<0.1	<0.02	3.7		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: July 13, 2018
Report Date: August 10, 2018
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN18001697.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-03
P.O. Number
Number of Samples: 64

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	62	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	1	Sort, label and box pulps			VAN
AQ251	63	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	5	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	5	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195019	Rock	1.21	0.32	87.00	4.88	42.1	106	40.6	21.4	348	3.69	3.0	0.1	1.4	0.9	4.3	0.11	0.54	0.03	57	0.28
3195020	Rock	1.27	0.28	8.05	2.51	41.7	12	73.3	22.9	421	2.75	1.7	0.1	0.6	0.5	5.3	0.05	0.48	<0.02	73	0.36
3195021	Rock	1.68	0.28	275.73	7.41	54.6	97	56.2	18.1	240	2.16	2.7	2.9	<0.2	13.2	3.1	0.09	0.73	<0.02	52	0.12
3195022	Rock	1.04	0.27	20.02	10.08	25.8	19	2.3	5.2	485	1.88	9.2	5.0	1.3	23.0	3.8	0.04	0.75	<0.02	3	0.51
3195023	Rock	0.88	0.19	86.41	3.18	31.9	127	5.9	21.6	479	4.38	632.0	<0.1	120.4	0.5	6.9	0.06	0.50	0.04	74	1.32
3195024	Rock	1.49	0.27	89.91	3.59	31.1	2932	1.6	17.4	443	6.17	723.3	0.1	14274.2	1.0	5.0	0.05	1.28	0.07	56	1.12
3195025	Rock	1.01	0.19	64.18	5.48	43.6	114	41.8	23.7	359	3.54	24.2	0.2	149.3	0.6	6.7	0.08	0.37	<0.02	97	0.88
3195596	Rock	0.55	0.28	141.67	2.11	20.4	153	28.4	16.8	228	2.38	3.2	<0.1	16.4	0.6	33.1	0.07	0.49	<0.02	39	1.44
3195597	Rock	0.69	0.25	118.57	3.34	30.1	123	24.4	14.0	242	1.82	9.0	0.2	4.4	1.8	17.1	0.10	0.56	0.07	54	1.38
3195598	Rock	0.87	0.15	154.63	3.84	17.3	127	68.9	20.6	222	1.50	0.9	0.1	3.5	0.4	46.5	0.04	0.28	0.04	45	2.84
3195599	Rock	0.51	0.67	79.68	17.76	39.1	321	8.5	10.1	103	3.10	1.1	0.2	5.5	1.6	8.3	0.08	0.11	0.28	80	1.27
3195600	Rock Pulp	0.04	31.56	2111.97	368.78	653.6	6531	193.6	15.1	485	3.37	44.1	0.9	11143.6	2.9	74.1	3.94	5.95	0.86	92	1.07
3195601	Rock	1.00	0.30	78.21	5.27	18.1	353	1.1	6.3	123	4.46	>10000	0.2	606.8	1.7	2.3	0.04	5.27	0.95	3	0.08
3195602	Rock	0.79	0.31	167.77	1.84	10.0	148	0.5	1.5	46	2.05	11.6	0.4	1.2	4.6	0.7	<0.01	0.17	0.13	2	0.02
3195603	Rock	0.56	0.70	206.20	1.41	9.7	96	15.9	14.2	98	2.46	9.8	0.5	2.7	2.4	4.9	0.04	0.05	0.16	15	0.24
3195604	Rock	0.47	0.28	168.40	2.01	30.0	75	27.1	21.9	306	2.51	5.5	0.2	3.8	1.1	32.2	0.05	0.77	0.05	70	1.83
NDM-WK-273	Rock	0.48	0.71	83.85	48.93	110.1	399	84.5	33.7	539	4.21	13.8	<0.1	4.1	0.7	28.1	0.21	3.35	0.36	193	2.29
NDM-WK-274	Rock	0.56	0.20	175.31	3.23	51.3	513	30.0	24.6	189	6.32	2.5	<0.1	12.0	0.3	7.5	0.04	0.20	0.13	321	0.79
NDM-WK-275	Rock	0.46	0.36	431.99	2.56	28.3	758	46.3	13.4	277	2.83	10.0	<0.1	16.5	0.4	3.0	0.07	1.39	0.11	75	0.71
NDM-WK-276	Rock	0.65	3.85	1399.92	6.26	58.8	5730	18.1	22.9	451	4.26	7.0	<0.1	228.9	0.5	8.5	0.56	0.92	0.35	95	1.42
NDM-WK-277	Rock	0.63	0.26	783.12	13.86	16.3	5687	16.1	5.0	84	1.28	25.3	<0.1	953.1	<0.1	1.8	0.12	2.56	0.39	7	0.23
NDM-WK-278	Rock	0.52	0.06	54.55	4.36	49.5	89	48.2	18.5	280	3.31	2.1	<0.1	1.4	0.3	3.4	0.12	0.42	<0.02	94	0.77
NDM-WK-279	Rock	0.70	0.23	294.99	34.01	62.0	1766	19.1	13.6	337	9.99	4.6	<0.1	6.9	0.1	3.0	0.19	0.85	0.12	34	0.83
NDM-WK-280	Rock	0.60	0.34	274.04	101.70	57.8	1720	54.0	34.8	219	3.05	2.8	0.2	2.2	0.8	27.9	0.93	0.31	0.13	120	2.87
NDM-WK-281	Rock	0.66	0.33	1088.70	3.04	31.5	1847	18.5	17.3	468	3.82	1.8	<0.1	127.6	1.0	12.3	0.15	1.37	0.12	93	1.67
NDM-WK-282	Rock	0.58	2.05	110.08	85.47	91.3	2813	188.0	78.6	638	14.26	6.3	0.6	24.5	2.1	26.0	0.34	1.56	2.03	176	2.02
NDM-WK-283	Rock	0.69	0.39	71.24	1.87	36.5	173	29.1	31.4	361	3.84	1.9	0.2	0.3	2.0	22.2	0.09	0.51	0.12	65	2.10
NDM-WK-284	Rock	0.59	0.76	94.72	15.48	69.5	827	143.6	60.4	825	4.77	32.2	0.1	2.6	0.9	10.1	0.16	12.60	0.08	95	0.93
NDM-WK-285	Rock	0.51	0.25	146.22	8.04	58.6	554	71.1	53.9	409	6.92	7.6	<0.1	10.7	1.0	24.1	0.08	0.47	0.39	302	2.66
NDM-WK-286	Rock	0.52	0.33	155.46	10.90	131.7	5657	44.9	23.1	224	4.22	129.8	<0.1	14.7	0.1	3.6	1.55	7.87	0.46	64	0.35

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195019	Rock	0.014	3.1	153.1	1.07	70.4	0.111	3	1.42	0.065	0.47	<0.1	6.2	0.20	0.59	<5	1.4	0.06	6.1		
3195020	Rock	0.021	4.0	228.4	1.28	171.0	0.140	<1	1.47	0.095	0.93	<0.1	6.4	0.38	0.03	<5	<0.1	0.02	4.5		
3195021	Rock	0.009	9.4	78.0	0.90	86.9	0.086	4	1.14	0.061	0.68	<0.1	4.9	0.27	0.22	13	0.3	<0.02	4.9		
3195022	Rock	0.006	24.5	2.5	0.58	37.5	0.032	3	0.87	0.052	0.44	0.1	1.4	0.15	0.07	<5	<0.1	<0.02	4.0		
3195023	Rock	0.068	5.3	1.7	0.85	65.3	0.138	2	1.41	0.117	0.48	3.2	10.2	0.19	0.44	<5	0.6	0.05	5.4		
3195024	Rock	0.160	8.0	1.7	0.68	13.8	0.145	1	1.41	0.091	0.12	1.6	12.0	0.04	0.47	55	1.0	0.08	10.1	>10000	21.4
3195025	Rock	0.048	6.1	48.2	1.44	87.0	0.193	<1	1.80	0.091	0.77	1.4	5.5	0.17	0.07	<5	0.2	<0.02	6.3		
3195596	Rock	0.073	4.2	14.9	0.50	4.1	0.226	2	1.02	0.036	0.02	<0.1	4.2	<0.02	0.16	<5	0.2	<0.02	2.5		
3195597	Rock	0.047	10.4	16.6	0.58	16.3	0.145	4	1.21	0.100	0.08	0.1	4.9	<0.02	0.07	<5	0.3	<0.02	3.3		
3195598	Rock	0.023	3.2	35.7	0.47	11.7	0.131	<1	3.23	0.223	0.05	0.1	5.3	0.04	0.10	<5	0.1	<0.02	5.1		
3195599	Rock	0.289	15.0	8.2	0.52	72.4	0.094	<1	1.83	0.225	0.53	0.9	9.9	0.09	0.38	<5	0.2	<0.02	9.4		
3195600	Rock Pulp	0.056	6.8	36.2	0.96	160.6	0.133	3	1.75	0.207	0.25	4.7	3.0	0.27	0.51	307	2.0	0.27	4.7	>10000	I.S.
3195601	Rock	0.025	6.8	1.9	0.16	28.5	0.024	<1	0.63	0.080	0.13	1.6	6.4	0.06	2.35	28	0.6	0.15	5.4		
3195602	Rock	<0.001	2.5	2.5	0.23	50.0	0.027	<1	0.38	0.040	0.23	<0.1	0.9	0.13	0.30	6	0.9	0.06	3.3		
3195603	Rock	0.023	6.4	10.4	0.21	27.7	0.031	<1	0.35	0.080	0.04	<0.1	1.4	0.03	1.01	<5	0.6	0.18	1.2		
3195604	Rock	0.045	6.4	20.6	0.66	9.9	0.082	2	2.06	0.299	0.05	<0.1	7.6	0.02	0.20	<5	0.4	<0.02	4.6		
NDM-WK-273	Rock	0.035	2.1	185.4	2.17	60.0	0.096	10	5.01	0.387	0.76	0.1	20.2	1.30	2.71	<5	0.7	0.30	9.4		
NDM-WK-274	Rock	0.045	2.2	89.0	1.81	69.9	0.211	<1	4.54	0.077	1.89	0.2	25.7	0.75	0.33	9	0.4	0.04	13.1		
NDM-WK-275	Rock	0.030	1.9	38.0	0.83	7.3	0.070	<1	1.07	0.093	0.03	<0.1	6.1	0.03	0.02	<5	1.0	0.05	3.5		
NDM-WK-276	Rock	0.043	5.2	11.2	1.16	39.2	0.185	1	2.11	0.115	0.32	0.1	7.2	0.10	0.14	16	2.3	0.37	7.1		
NDM-WK-277	Rock	0.006	<0.5	14.0	0.16	3.1	0.021	<1	0.25	0.028	0.01	<0.1	0.7	<0.02	0.06	10	0.5	0.38	0.9		
NDM-WK-278	Rock	0.025	2.3	78.2	1.23	26.0	0.091	<1	1.71	0.120	0.08	<0.1	8.3	0.03	0.04	<5	<0.1	<0.02	4.7		
NDM-WK-279	Rock	0.009	0.9	26.8	0.73	33.1	0.058	3	0.52	0.038	0.06	0.4	2.7	0.10	0.02	8	0.5	0.09	4.9		
NDM-WK-280	Rock	0.049	2.8	24.3	0.76	14.4	0.060	1	5.20	0.277	0.11	0.4	7.0	0.24	0.73	<5	0.7	0.05	12.3		
NDM-WK-281	Rock	0.059	6.2	23.1	0.77	9.7	0.081	<1	1.17	0.173	0.07	<0.1	8.5	0.03	0.07	12	2.2	0.06	4.1		
NDM-WK-282	Rock	0.034	9.6	75.7	1.26	22.9	0.164	7	5.71	0.295	1.27	<0.1	20.7	0.42	8.37	<5	4.8	0.63	13.5		
NDM-WK-283	Rock	0.100	11.7	8.7	0.54	4.6	0.110	2	1.86	0.179	0.04	<0.1	9.6	<0.02	0.85	<5	2.5	0.06	5.8		
NDM-WK-284	Rock	0.021	2.4	171.3	0.86	18.6	0.177	4	2.87	0.113	1.14	<0.1	8.3	1.74	1.91	<5	0.5	0.11	5.1		
NDM-WK-285	Rock	0.113	5.8	52.7	2.43	176.1	0.189	3	7.49	0.154	1.91	0.3	24.4	0.85	1.12	<5	1.1	0.04	20.0		
NDM-WK-286	Rock	0.017	1.1	14.0	0.31	8.8	0.076	<1	0.89	0.023	0.19	<0.1	5.8	0.32	0.97	36	<0.1	0.02	3.4		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-287	Rock	0.60	0.66	57.26	5.98	46.8	6721	3.1	2.3	269	2.92	10.3	<0.1	70.9	0.3	5.1	0.06	5.16	0.15	29	0.56
NDM-WK-288	Rock	0.61	0.27	998.24	964.11	100.0	30775	9.4	37.4	93	8.66	>10000	<0.1	577.7	0.1	1.8	5.23	805.01	4.52	55	0.03
NDM-WK-289	Rock	0.68	0.32	453.55	808.03	43.7	39038	16.9	53.3	54	9.33	>10000	0.3	716.2	0.3	8.9	1.28	174.14	10.73	74	0.06
NDM-WK-290	Rock	0.53	0.33	54.53	11.84	38.5	1944	34.2	12.8	531	3.43	234.1	<0.1	8.1	0.3	5.0	0.07	16.30	0.21	83	0.46
NDM-WK-291	Rock	0.65	0.32	286.28	2.69	31.5	104	29.2	38.9	309	2.80	103.0	<0.1	7.2	0.8	34.7	0.06	0.89	0.07	71	1.92
NDM-WK-292	Rock	0.60	0.34	83.66	2.73	80.9	1976	47.6	18.6	456	3.07	29.2	<0.1	8.0	0.4	4.6	0.32	2.74	0.05	83	0.36
NDM-WK-293	Rock	0.64	0.16	188.47	20.57	28.9	913	17.2	8.7	238	2.34	30.5	<0.1	76.0	0.6	7.2	0.24	0.64	<0.02	60	0.88
NDM-WK-294	Rock	0.65	0.21	295.72	75.33	19.4	567	17.4	14.1	206	2.35	15.2	<0.1	2.3	0.4	5.1	0.09	0.34	0.59	49	0.78
NDM-WK-295	Rock	0.50	0.17	250.00	2.56	9.2	232	62.2	26.6	59	1.38	37.6	0.5	3.4	<0.1	3.2	0.07	0.27	<0.02	13	0.17
NDM-WK-296	Rock	0.59	0.27	85.27	8.37	52.7	396	8.1	4.3	103	1.78	19.1	<0.1	1.8	<0.1	1.2	0.29	0.55	0.21	32	0.03
NDM-WK-297	Rock	0.66	0.21	185.76	83.12	110.9	1481	67.0	40.5	651	5.35	11.6	<0.1	12.6	0.9	21.5	0.19	0.39	<0.02	162	1.69
NDM-WK-298	Rock	0.67	0.22	336.05	87.25	99.2	1676	59.0	22.8	139	2.88	4.2	<0.1	9.3	0.6	3.9	0.53	0.77	<0.02	108	0.22
NDM-WK-299	Rock	0.64	0.15	85.00	514.60	2021.2	6241	24.3	17.8	495	3.99	9.5	<0.1	13.5	0.3	4.7	28.00	21.78	0.24	173	0.35
NDM-WK-300	Rock	0.87	0.17	2983.28	6.93	37.9	1049	32.0	28.2	299	4.12	12.6	<0.1	79.1	0.4	12.9	0.28	5.05	0.08	120	1.14
NDM-WK-301	Rock	0.57	0.47	568.10	45.74	44.6	2196	87.7	60.8	434	7.43	3.8	<0.1	16.2	0.7	14.3	0.10	0.56	0.05	146	1.22
NDM-WK-302	Rock	0.65	0.17	76.10	2.77	27.9	153	23.4	12.3	228	1.89	7.6	<0.1	1.2	0.5	5.0	0.08	0.59	<0.02	61	0.79
NDM-WK-303	Rock	0.66	0.24	60.43	16.38	41.9	111	3.9	6.9	254	3.34	2026.3	0.1	42.3	1.0	10.3	0.10	1.54	<0.02	79	0.56
NDM-WK-304	Rock	0.50	0.41	73.85	2.65	17.3	79	9.3	10.2	220	2.33	6.3	1.2	0.7	6.0	4.1	0.03	0.39	0.08	40	0.37
NDM-WK-305	Rock	0.61	0.77	1245.03	337.06	63.2	6240	17.6	19.3	386	4.21	12.8	0.2	143.2	1.7	7.7	1.14	0.69	2.30	62	1.60
NDM-WK-306	Rock	0.69	0.09	845.02	2603.28	64.7	11517	17.1	11.8	543	6.41	4.5	<0.1	69.5	0.2	31.1	2.17	1.56	4.20	142	1.02
NDM-WK-307	Rock	0.74	1.00	19.77	12.63	37.3	89	3.9	2.0	693	1.89	4.3	0.6	24.6	2.5	9.1	0.54	0.74	0.12	2	1.63
NDM-WK-308	Rock	0.59	0.24	55.21	14.49	15.0	120	47.7	23.1	347	2.03	5.7	0.1	0.9	1.1	43.8	0.05	0.46	0.09	35	3.11
NDM-WK-309	Rock	0.56	0.39	628.60	5.91	65.5	269	110.2	168.1	1101	8.34	15.0	<0.1	18.9	0.3	4.9	0.09	2.03	0.62	224	1.67
NDM-WK-310	Rock	0.59	3.18	1004.11	3.41	45.1	193	46.7	36.5	665	4.21	1.5	0.3	58.1	0.5	17.6	0.20	0.62	0.08	132	1.96
NDM-WK-311	Rock	0.64	4.09	2284.11	2.87	42.0	430	65.8	58.1	612	4.77	1.0	0.2	243.8	0.4	17.0	0.17	0.70	0.13	139	1.92
NDM-WK-312	Rock	0.59	0.43	38.07	9.33	40.8	783	14.5	9.4	366	6.55	>10000	2.1	12311.0	11.1	12.3	0.11	106.44	0.94	6	0.45
NDM-WK-313	Rock	0.58	6.01	373.64	20.05	>10000	583	104.8	94.8	913	15.33	46.3	0.5	18.3	1.6	6.9	32.72	3.08	0.98	79	0.18
NDM-WK-314	Rock	0.46	1.42	290.84	19.01	128.8	736	34.7	104.7	795	12.32	58.1	0.2	13.2	0.9	12.4	0.17	5.16	0.91	23	1.18
NDM-WK-315	Rock	0.40	0.78	101.26	3.63	46.8	393	51.3	63.1	224	9.79	>10000	0.5	4084.9	3.0	3.7	0.15	106.43	3.58	34	0.11
NDM-WK-316	Rock	0.58	0.64	72.37	9.12	14.5	1416	24.8	8.2	80	19.13	>10000	0.6	58315.6	2.4	2.4	0.44	506.99	5.31	25	0.03

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-287	Rock	0.032	2.2	11.9	0.18	9.4	0.144	<1	0.38	0.004	0.07	<0.1	2.0	0.11	0.15	15	0.7	0.15	1.6		
NDM-WK-288	Rock	0.013	1.9	14.2	0.12	28.0	0.015	<1	0.55	0.006	0.08	0.5	4.2	0.05	2.08	353	8.2	0.07	3.2		
NDM-WK-289	Rock	0.024	1.8	32.3	0.11	43.5	0.045	<1	0.62	0.024	0.17	1.6	7.8	0.07	3.41	35	6.2	0.08	4.1		
NDM-WK-290	Rock	0.013	2.0	269.6	0.63	21.9	0.073	5	1.54	0.050	0.46	<0.1	11.6	1.33	0.14	6	<0.1	0.03	4.6		
NDM-WK-291	Rock	0.030	1.2	30.2	0.99	130.7	0.112	<1	3.23	0.234	0.75	<0.1	5.1	0.14	0.08	<5	0.5	0.06	5.1		
NDM-WK-292	Rock	0.027	2.0	125.8	0.51	22.0	0.128	<1	1.62	0.104	0.75	<0.1	8.6	0.73	0.39	<5	<0.1	<0.02	3.8		
NDM-WK-293	Rock	0.027	3.7	22.1	0.65	18.2	0.102	<1	1.08	0.080	0.14	<0.1	6.1	0.05	0.06	<5	0.2	<0.02	2.7		
NDM-WK-294	Rock	0.024	2.6	14.4	0.36	18.3	0.047	1	0.63	0.080	0.05	<0.1	5.4	0.02	0.28	<5	0.3	0.05	2.1		
NDM-WK-295	Rock	0.004	<0.5	4.5	0.09	4.3	0.013	<1	0.23	0.034	0.02	<0.1	2.0	<0.02	0.40	<5	0.8	0.03	0.7		
NDM-WK-296	Rock	0.005	<0.5	19.7	0.60	5.6	0.024	<1	0.61	0.006	<0.01	<0.1	1.7	<0.02	0.04	8	0.2	0.07	2.1		
NDM-WK-297	Rock	0.044	4.4	70.2	1.55	125.6	0.246	2	3.59	0.116	0.57	1.4	12.2	0.25	1.27	<5	<0.1	0.02	7.6		
NDM-WK-298	Rock	0.035	2.9	48.2	0.93	52.7	0.079	<1	1.82	0.098	0.27	5.4	5.1	0.09	0.65	5	<0.1	<0.02	5.9		
NDM-WK-299	Rock	0.038	2.2	65.4	0.71	99.1	0.181	<1	1.65	0.095	0.96	<0.1	12.9	0.25	0.19	63	0.2	0.03	7.8		
NDM-WK-300	Rock	0.036	4.9	24.6	1.03	5.3	0.101	4	1.83	0.139	0.09	<0.1	5.6	0.05	0.51	<5	0.9	0.12	6.4		
NDM-WK-301	Rock	0.038	5.1	62.4	1.02	41.5	0.154	1	2.98	0.172	0.63	1.1	9.4	0.39	3.01	6	0.2	0.06	6.8		
NDM-WK-302	Rock	0.029	2.6	18.7	0.67	18.4	0.063	2	0.80	0.109	0.11	<0.1	5.4	0.04	0.05	<5	<0.1	<0.02	2.7		
NDM-WK-303	Rock	0.057	5.6	3.4	0.55	27.9	0.037	<1	1.16	0.066	0.11	6.1	5.4	0.07	0.15	<5	0.2	<0.02	10.0		
NDM-WK-304	Rock	0.040	5.3	4.5	0.29	15.6	0.044	4	0.55	0.074	0.06	0.1	3.4	0.02	0.03	9	0.2	0.06	2.2		
NDM-WK-305	Rock	0.099	12.6	10.9	0.77	76.4	0.148	1	1.44	0.146	0.19	0.1	9.4	0.07	0.06	<5	0.9	0.48	4.5		
NDM-WK-306	Rock	0.014	1.8	38.3	1.09	23.8	0.043	2	2.25	0.165	0.19	<0.1	4.6	0.07	0.34	<5	1.1	0.15	9.4		
NDM-WK-307	Rock	0.019	8.6	5.2	0.42	11.6	0.044	<1	1.09	0.031	0.05	<0.1	0.4	0.06	0.03	5	<0.1	0.06	2.4		
NDM-WK-308	Rock	0.034	6.0	12.9	0.31	6.1	0.173	1	3.14	0.175	0.03	0.2	4.7	<0.02	0.63	<5	0.3	0.06	5.3		
NDM-WK-309	Rock	0.034	2.7	138.1	2.21	47.1	0.264	4	3.41	0.053	0.27	0.2	20.1	0.06	1.37	43	2.8	0.14	11.4		
NDM-WK-310	Rock	0.032	6.8	89.7	0.90	110.6	0.084	2	2.55	0.233	0.25	<0.1	13.9	0.06	0.24	5	0.6	0.11	7.1		
NDM-WK-311	Rock	0.024	7.4	89.5	0.91	119.7	0.085	2	2.62	0.234	0.32	<0.1	15.1	0.06	0.37	13	2.9	0.43	6.5		
NDM-WK-312	Rock	0.011	22.8	3.1	0.51	31.3	0.034	6	1.62	0.100	0.47	0.2	1.2	0.24	3.07	25	2.8	0.13	4.5	>10000	9.7
NDM-WK-313	Rock	0.020	11.6	58.0	1.43	17.2	0.169	<1	2.68	0.071	1.85	0.2	10.9	1.45	7.29	18247	17.1	1.19	15.3		
NDM-WK-314	Rock	0.010	4.0	15.6	0.78	10.4	0.030	4	0.83	0.015	0.10	0.2	2.9	0.16	6.93	296	6.2	1.02	4.5		
NDM-WK-315	Rock	0.008	5.1	28.4	0.47	50.2	0.040	4	0.95	0.033	0.35	0.3	7.7	0.15	4.33	57	8.4	2.69	3.2	3762	
NDM-WK-316	Rock	0.005	8.3	17.1	0.09	14.8	0.016	<1	0.26	0.037	0.10	1.0	4.0	0.11	7.64	82	14.7	0.14	1.6	>10000	45.5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

		Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-317	Rock		0.54	3.22	48.30	5.48	18.0	468	3.1	232.7	191	11.37	>10000	1.0	181.0	6.4	14.4	0.07	72.09	2.24	11	0.15
NDM-WK-318	Rock		0.53	0.49	17.58	5.45	33.9	328	11.8	6.2	541	6.18	>10000	1.4	126.2	10.2	5.8	0.03	42.62	1.99	15	0.07
NDM-WK-319	Rock		0.62	0.94	102.81	14.12	35.8	286	6.1	6.4	976	12.52	123.7	1.1	7.9	10.2	19.5	0.09	1.90	0.95	20	0.32
NDM-WK-320	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

CERTIFICATE OF ANALYSIS VAN18001697.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-317	Rock	0.008	6.1	14.3	0.17	38.6	0.023	10	0.43	0.022	0.20	0.2	2.2	0.10	3.32	10	12.8	2.77	3.0		
NDM-WK-318	Rock	0.012	31.1	2.9	0.41	97.0	0.050	1	1.09	0.041	0.62	0.2	6.1	0.16	1.96	16	5.9	1.41	5.0		
NDM-WK-319	Rock	0.016	17.8	6.4	0.52	44.3	0.043	<1	1.52	0.082	0.21	<0.1	4.5	0.25	1.00	<5	0.9	0.06	9.3		
NDM-WK-320	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

QUALITY CONTROL REPORT VAN18001697.1

		Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
NDM-WK-280	Rock		0.60	0.34	274.04	101.70	57.8	1720	54.0	34.8	219	3.05	2.8	0.2	2.2	0.8	27.9	0.93	0.31	0.13	120	2.87
REP NDM-WK-280	QC			0.28	270.44	103.48	58.8	1672	53.1	33.9	216	3.06	2.9	0.2	2.3	0.8	27.9	1.01	0.29	0.12	121	2.88
NDM-WK-311	Rock		0.64	4.09	2284.11	2.87	42.0	430	65.8	58.1	612	4.77	1.0	0.2	243.8	0.4	17.0	0.17	0.70	0.13	139	1.92
REP NDM-WK-311	QC			4.03	2265.95	2.73	43.2	424	67.2	57.5	602	4.69	1.7	0.2	165.6	0.4	16.1	0.17	0.68	0.14	136	1.87
NDM-WK-312	Rock		0.59	0.43	38.07	9.33	40.8	783	14.5	9.4	366	6.55	>10000	2.1	12311.0	11.1	12.3	0.11	106.44	0.94	6	0.45
REP NDM-WK-312	QC																					
Core Reject Duplicates																						
NDM-WK-283	Rock		0.69	0.39	71.24	1.87	36.5	173	29.1	31.4	361	3.84	1.9	0.2	0.3	2.0	22.2	0.09	0.51	0.12	65	2.10
DUP NDM-WK-283	QC			0.40	67.41	1.92	36.3	161	29.7	30.4	345	3.67	1.3	0.2	0.4	2.0	23.3	0.05	0.51	0.09	60	2.06
NDM-WK-317	Rock		0.54	3.22	48.30	5.48	18.0	468	3.1	232.7	191	11.37	>10000	1.0	181.0	6.4	14.4	0.07	72.09	2.24	11	0.15
DUP NDM-WK-317	QC			3.26	45.39	5.62	15.6	478	3.0	234.3	214	11.51	>10000	1.0	170.9	7.1	13.6	0.08	71.71	2.30	11	0.16
Reference Materials																						
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD DS11	Standard			14.65	157.13	136.47	324.6	1733	84.8	13.9	1017	3.14	42.1	2.6	65.9	7.4	69.9	2.44	8.62	11.96	47	1.04
STD DS11	Standard			14.26	155.09	141.23	345.7	1712	84.0	13.8	1028	3.12	44.1	2.7	90.6	7.7	68.3	2.44	8.40	11.51	49	1.06
STD OXC129	Standard			1.27	27.73	5.86	41.6	10	80.5	19.9	401	2.91	0.6	0.6	181.1	1.6	189.2	0.02	0.03	<0.02	48	0.65
STD OXC129	Standard			1.28	27.86	6.20	40.6	12	84.5	21.0	426	3.06	0.7	0.7	193.2	1.8	188.2	0.01	0.03	<0.02	52	0.70
STD OXC145	Standard																					
STD OXC145	Standard																					
STD OXH139	Standard																					
STD OXQ114	Standard																					
STD OXQ114	Standard																					
STD OXQ114	Standard																					
STD SP49	Standard																					
STD SP49	Standard																					
STD SP49	Standard																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

QUALITY CONTROL REPORT VAN18001697.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
NDM-WK-280	Rock		0.049	2.8	24.3	0.76	14.4	0.060	1	5.20	0.277	0.11	0.4	7.0	0.24	0.73	<5	0.7	0.05	12.3		
REP NDM-WK-280	QC		0.048	2.7	23.0	0.76	14.1	0.063	<1	5.24	0.278	0.11	0.4	6.8	0.26	0.73	<5	0.6	0.03	12.0		
NDM-WK-311	Rock		0.024	7.4	89.5	0.91	119.7	0.085	2	2.62	0.234	0.32	<0.1	15.1	0.06	0.37	13	2.9	0.43	6.5		
REP NDM-WK-311	QC		0.026	7.3	89.3	0.89	120.8	0.082	2	2.56	0.230	0.31	<0.1	14.5	0.06	0.37	13	2.9	0.39	6.8		
NDM-WK-312	Rock		0.011	22.8	3.1	0.51	31.3	0.034	6	1.62	0.100	0.47	0.2	1.2	0.24	3.07	25	2.8	0.13	4.5	>10000	9.7
REP NDM-WK-312	QC																					9.3
Core Reject Duplicates																						
NDM-WK-283	Rock		0.100	11.7	8.7	0.54	4.6	0.110	2	1.86	0.179	0.04	<0.1	9.6	<0.02	0.85	<5	2.5	0.06	5.8		
DUP NDM-WK-283	QC		0.096	11.5	8.1	0.50	4.5	0.103	2	1.82	0.170	0.04	0.1	8.8	<0.02	0.85	<5	2.3	0.04	5.7		
NDM-WK-317	Rock		0.008	6.1	14.3	0.17	38.6	0.023	10	0.43	0.022	0.20	0.2	2.2	0.10	3.32	10	12.8	2.77	3.0		
DUP NDM-WK-317	QC		0.008	6.2	13.4	0.17	41.9	0.023	8	0.45	0.023	0.20	0.2	2.4	0.10	3.38	8	11.8	2.87	3.3		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD AGPROOF	Standard																					<0.9
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.069	18.2	58.9	0.83	346.6	0.094	7	1.12	0.073	0.40	3.0	3.2	4.67	0.28	266	2.2	4.47	4.8		
STD DS11	Standard		0.069	17.7	61.5	0.84	350.7	0.097	8	1.15	0.074	0.40	3.0	3.0	4.87	0.29	249	2.2	4.63	4.9		
STD OXC129	Standard		0.097	11.8	49.6	1.48	46.8	0.388	1	1.46	0.568	0.35	<0.1	0.7	0.03	<0.02	<5	<0.1	0.02	5.3		
STD OXC129	Standard		0.099	12.1	55.1	1.57	50.9	0.426	<1	1.56	0.593	0.37	<0.1	0.8	0.03	<0.02	<5	<0.1	<0.02	5.4		
STD OXC145	Standard																				217	
STD OXC145	Standard																				220	
STD OXH139	Standard																				1343	
STD OXQ114	Standard																					35.5
STD OXQ114	Standard																					35.5
STD OXQ114	Standard																					35.7
STD SP49	Standard																					18.5
STD SP49	Standard																					18.2
STD SP49	Standard																					18.6

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

QUALITY CONTROL REPORT VAN18001697.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXH139 Expected																					
STD OXC145 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	0.02	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.04	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		1.16	4.79	1.76	39.0	26	0.9	3.5	543	1.80	1.9	0.4	<0.2	2.0	25.3	0.05	0.11	<0.02	20	0.63
ROCK-VAN	Prep Blank		1.46	4.19	2.04	44.4	28	1.2	3.7	562	1.92	1.6	0.4	<0.2	2.1	26.4	0.07	0.13	<0.02	20	0.61

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 10, 2018

QUALITY CONTROL REPORT VAN18001697.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXH139 Expected																				1312	
STD OXC145 Expected																				212	
STD AGPROOF Expected																					0
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			3	
BLK	Blank																			<2	
BLK	Blank																			4	
BLK	Blank																				<0.9
BLK	Blank																				<0.9
BLK	Blank																				<0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.038	5.4	3.0	0.47	60.1	0.074	<1	0.90	0.078	0.09	0.1	2.3	<0.02	0.06	<5	<0.1	<0.02	3.8		
ROCK-VAN	Prep Blank	0.040	5.6	3.8	0.49	63.4	0.083	1	0.92	0.080	0.09	0.1	2.7	<0.02	0.06	<5	<0.1	<0.02	3.9		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: August 01, 2018
Report Date: September 13, 2018
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN18001958.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-04
P.O. Number
Number of Samples: 104

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	102	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	2	Sort, label and box pulps			VAN
AQ251	104	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	17	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	17	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195026	Rock	0.45	0.26	75.35	1.13	29.0	105	21.5	13.4	264	2.40	2.9	<0.1	5.9	0.5	13.0	0.06	0.31	<0.02	85	1.38
3195027	Rock	1.55	0.22	38.85	7.22	40.8	109	11.1	22.9	585	4.59	339.6	<0.1	41.7	0.5	4.9	0.09	0.49	<0.02	83	1.39
3195028	Rock	0.56	0.32	179.18	120.15	35.4	1223	6.9	61.5	327	4.72	9888.7	<0.1	3732.5	0.1	7.5	0.24	8.51	0.31	126	0.46
3195029	Rock	0.56	0.22	37.39	17.19	29.6	206	0.8	22.1	529	3.82	912.0	0.2	125.7	1.3	8.9	0.07	0.86	<0.02	7	2.18
3195030	Rock Pulp	0.04	32.75	2163.55	344.53	687.8	6540	202.1	16.3	505	3.57	48.8	0.9	11206.2	3.1	79.3	4.23	6.55	0.98	101	1.09
3195031	Rock	1.27	0.33	22.85	9.42	36.6	92	4.1	7.3	435	3.39	119.9	0.2	58.4	2.2	4.6	0.09	0.37	0.06	34	0.89
3195032	Rock	1.58	0.41	85.56	9.21	20.8	380	6.5	5.9	280	2.80	417.8	0.2	603.0	2.7	5.3	0.05	0.57	0.06	9	0.58
3195033	Rock	0.49	0.49	87.48	7.96	24.0	284	1.7	6.8	310	3.44	631.0	0.2	9.9	2.8	3.9	0.09	0.39	0.10	7	0.73
3195034	Rock	0.52	0.36	181.45	1.00	20.7	74	16.5	14.9	325	2.17	6.2	<0.1	4.2	0.3	12.3	0.02	0.70	<0.02	66	1.22
3195605	Rock	0.91	0.76	45.04	5.00	96.9	248	32.0	18.0	366	7.15	25.4	<0.1	5.4	0.3	11.6	0.09	2.42	0.13	218	0.70
3195606	Rock	0.56	0.52	200.77	6.11	17.7	623	68.9	37.0	143	3.43	40.2	<0.1	7.3	0.3	17.6	0.10	4.09	0.06	215	2.83
3195607	Rock	1.02	0.23	20.64	7.63	35.5	139	0.7	7.0	427	4.00	>10000	0.1	245.2	2.7	2.5	0.12	7.46	0.34	6	0.44
3195608	Rock	0.65	0.39	91.33	>10000	5279.7	>100000	1.6	27.0	646	16.04	>10000	0.1	1447.5	0.7	7.5	235.56	125.95	45.94	16	1.07
3195610	Rock Pulp	0.04	2.42	96.10	3.79	37.7	115	5.5	8.9	413	2.63	1.2	0.8	3.8	2.6	72.3	0.06	0.11	0.06	98	0.87
3195611	Rock	1.08	0.73	70.94	118.67	223.0	478	16.6	7.2	538	4.59	162.3	0.8	2.7	3.2	2.2	0.27	0.90	0.19	15	0.20
3195612	Rock	0.84	0.16	177.57	7.54	40.9	75	30.6	18.6	658	3.27	32.6	<0.1	7.2	0.6	11.7	0.06	0.83	0.02	185	1.47
NDM-WK-321	Rock	0.60	0.30	3.10	4.74	7.9	79	3.9	5.6	165	2.05	>10000	0.2	35.2	0.9	3.1	0.02	17.46	0.70	4	0.05
NDM-WK-322	Rock	0.67	2.62	1.72	7.07	10.6	617	22.3	50.9	189	13.01	>10000	1.1	819.5	7.5	4.7	0.07	162.59	9.66	10	0.03
NDM-WK-323	Rock	0.46	0.56	35.82	84.52	47.8	387	5.7	4.7	687	3.99	>10000	1.7	131.8	11.5	6.8	0.32	13.51	0.50	15	0.33
NDM-WK-324	Rock	0.68	0.31	35.64	145.94	1159.0	1421	1.5	0.8	153	2.09	6560.8	0.4	590.6	3.0	4.2	10.54	7.53	2.47	2	0.04
NDM-WK-325	Rock	0.53	0.27	48.91	325.55	1901.2	1353	2.1	0.8	250	1.98	4912.6	0.7	282.3	5.6	3.4	16.93	5.93	2.20	3	0.12
NDM-WK-326	Rock	0.55	0.37	66.30	10.73	126.1	624	63.2	41.3	669	9.41	44.8	<0.1	3.3	0.5	17.5	0.17	2.36	0.04	430	2.72
NDM-WK-327	Rock	0.80	0.33	86.66	15.21	17.2	34736	12.6	11.3	151	3.26	63.9	<0.1	52.9	0.1	1.3	0.06	25.47	0.16	39	0.11
NDM-WK-328	Rock	0.71	1.00	55.40	15.89	387.9	4840	32.7	19.4	81	1.52	132.1	<0.1	4.7	0.2	4.9	10.20	13.80	0.07	25	0.51
NDM-WK-329	Rock	0.63	0.89	28.37	14.96	4.9	1406	0.9	27.8	40	16.25	>10000	<0.1	6727.1	0.5	0.9	0.09	104.04	7.30	6	<0.01
NDM-WK-330	Rock	0.68	0.44	12.60	16.05	13.1	675	0.9	2.2	380	7.16	>10000	<0.1	2688.0	1.1	3.8	0.08	29.09	4.00	6	0.07
NDM-WK-331	Rock	0.64	0.29	3.72	4.64	46.4	87	0.6	2.5	467	2.47	4853.2	0.3	130.4	2.8	3.3	0.13	2.14	0.13	2	0.24
NDM-WK-332	Rock	0.66	0.61	168.97	52.63	76.4	1686	2.4	116.2	690	14.31	>10000	<0.1	3723.1	0.4	6.8	1.06	26.67	2.38	144	1.17
NDM-WK-333	Rock	0.70	0.18	891.27	1.36	50.5	479	473.2	32.6	227	4.63	406.1	<0.1	23.2	1.0	1.0	0.28	2.66	0.38	37	0.53
NDM-WK-334	Rock	0.70	0.25	168.45	3.41	34.4	62	47.1	59.1	514	7.64	>10000	0.5	139.2	2.9	27.9	0.05	6.52	0.29	215	1.23

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195026	Rock	0.043	4.4	36.0	1.11	65.3	0.127	2	1.71	0.147	0.38	0.1	6.8	0.08	<0.02	6	<0.1	<0.02	4.9		
3195027	Rock	0.042	4.9	5.5	1.16	88.1	0.144	2	1.87	0.145	0.79	0.1	11.4	0.20	0.14	7	<0.1	<0.02	6.8		
3195028	Rock	0.018	1.2	4.8	0.60	39.5	0.111	6	0.98	0.063	0.45	24.1	7.8	0.18	2.13	<5	1.0	0.36	4.3	2565	
3195029	Rock	0.282	13.5	1.0	0.76	66.5	0.114	4	1.40	0.140	0.38	9.6	11.8	0.14	0.44	<5	1.1	0.03	8.2		
3195030	Rock Pulp	0.067	7.8	39.0	1.00	179.2	0.153	2	1.92	0.220	0.26	5.6	3.4	0.28	0.49	318	2.0	0.28	5.3	9705	
3195031	Rock	0.032	19.7	2.7	1.08	80.3	0.117	3	1.49	0.120	0.72	1.5	9.0	0.18	0.25	<5	<0.1	0.03	9.7		
3195032	Rock	0.036	13.2	1.9	0.53	61.3	0.116	3	0.87	0.124	0.53	2.4	4.6	0.16	0.77	<5	0.7	0.09	5.7		
3195033	Rock	0.065	13.7	1.7	0.65	50.6	0.101	1	1.01	0.119	0.48	8.8	5.1	0.12	0.83	<5	0.9	0.10	6.4		
3195034	Rock	0.032	2.6	8.3	0.89	4.8	0.054	2	1.28	0.195	0.03	0.2	9.0	<0.02	0.08	<5	<0.1	<0.02	3.4		
3195605	Rock	0.028	3.6	65.0	0.85	50.7	0.127	<1	2.82	0.110	1.16	1.2	12.5	0.51	0.37	<5	<0.1	<0.02	9.4		
3195606	Rock	0.041	3.2	113.2	0.25	7.6	0.056	4	4.04	0.078	0.18	0.5	4.1	0.08	0.57	<5	0.2	<0.02	10.0		
3195607	Rock	0.024	18.5	1.8	0.47	44.1	0.058	2	0.96	0.126	0.34	3.2	6.0	0.12	0.96	51	0.3	0.11	7.8		
3195608	Rock	0.140	7.5	0.6	0.35	35.2	0.064	2	1.22	0.090	0.06	0.7	8.2	0.11	5.58	133	21.0	4.02	6.8	1235	
3195610	Rock Pulp	0.059	6.8	9.7	0.73	129.3	0.106	1	1.52	0.173	0.21	3.3	2.4	0.04	<0.02	<5	<0.1	0.03	4.5		
3195611	Rock	0.017	9.3	4.3	1.07	66.4	0.066	5	1.84	0.096	1.00	0.1	2.7	0.67	0.95	155	0.6	0.10	7.0		
3195612	Rock	0.047	3.2	97.3	0.92	124.3	0.112	1	2.07	0.231	0.56	<0.1	14.0	0.12	0.06	<5	<0.1	0.03	7.4		
NDM-WK-321	Rock	0.004	4.2	3.1	0.13	27.0	0.005	<1	0.27	0.008	0.08	0.1	0.7	0.05	0.62	<5	0.9	0.42	1.3		
NDM-WK-322	Rock	0.011	14.8	2.6	0.23	26.4	0.030	2	0.57	0.024	0.30	0.5	1.2	0.12	5.21	34	7.1	2.27	2.7		
NDM-WK-323	Rock	0.013	38.6	3.0	0.51	115.5	0.063	<1	1.11	0.065	0.68	0.8	5.2	0.22	1.02	7	0.4	0.03	5.4		
NDM-WK-324	Rock	0.008	6.0	2.2	0.10	16.4	0.002	<1	0.28	0.019	0.08	0.8	0.5	0.05	0.41	832	0.3	0.18	1.8		
NDM-WK-325	Rock	0.011	12.7	2.0	0.18	21.6	0.002	1	0.47	0.025	0.10	0.4	0.7	0.04	0.43	490	0.2	0.09	2.0		
NDM-WK-326	Rock	0.080	5.3	97.0	2.75	80.9	0.246	7	7.76	0.255	2.75	0.3	34.0	1.98	0.85	17	<0.1	<0.02	24.3		
NDM-WK-327	Rock	0.010	<0.5	12.4	0.26	5.2	0.056	<1	0.52	0.007	0.19	0.2	3.0	0.18	0.51	37	0.2	0.03	1.9		
NDM-WK-328	Rock	0.014	1.1	15.2	0.13	5.6	0.027	1	0.93	0.069	0.11	<0.1	3.8	0.12	0.58	97	<0.1	<0.02	2.7		
NDM-WK-329	Rock	0.005	2.1	2.0	0.02	9.2	0.013	<1	0.14	0.008	0.04	45.9	1.3	0.03	5.87	58	4.4	1.35	1.9	6760	
NDM-WK-330	Rock	0.027	5.4	2.2	0.20	45.8	0.068	<1	0.56	0.047	0.22	3.0	4.4	0.10	1.34	50	1.3	0.55	5.6	2207	
NDM-WK-331	Rock	0.026	12.6	1.6	0.30	64.5	0.046	2	0.77	0.136	0.19	4.8	4.2	0.06	0.20	57	0.2	<0.02	6.0		
NDM-WK-332	Rock	0.036	2.7	1.3	0.82	18.3	0.060	3	1.58	0.234	0.08	96.4	19.9	<0.02	3.29	<5	1.2	0.28	8.3	5620	
NDM-WK-333	Rock	0.034	7.3	174.9	2.61	2.7	0.025	<1	2.28	0.078	0.03	0.3	3.1	0.04	1.14	<5	3.2	0.21	5.2		
NDM-WK-334	Rock	0.056	7.8	54.0	1.70	234.7	0.219	8	4.30	0.323	2.19	16.6	18.9	0.41	1.33	<5	1.1	0.09	14.9		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-335	Rock	0.69	0.54	23.61	3.02	41.4	140	59.4	37.4	598	4.88	>10000	0.4	2665.6	1.4	3.8	0.03	41.43	1.51	60	0.22
NDM-WK-336	Rock	0.67	0.95	63.81	15.67	57.8	1249	57.0	41.5	730	14.90	>10000	1.2	25885.8	5.3	5.0	0.28	292.73	24.85	72	0.07
NDM-WK-337	Rock	0.88	0.56	42.05	3.01	20.6	70	1.7	0.8	1792	17.82	375.4	0.3	38.3	2.5	8.0	0.01	1.30	0.13	22	0.06
NDM-WK-338	Rock	0.50	0.53	61.82	15.35	231.4	145	36.2	11.8	1600	7.88	74.4	2.0	8.1	11.2	32.0	0.61	4.42	0.11	39	0.28
NDM-WK-339	Rock	0.52	1.15	66.26	4.37	26.1	294	49.4	29.6	247	6.00	>10000	0.4	345.1	2.1	32.8	0.07	38.94	2.45	39	0.76
NDM-WK-340	Rock	0.79	0.35	174.67	0.65	85.8	35	135.8	24.4	915	8.04	99.6	<0.1	3.5	0.3	6.1	0.11	0.73	0.22	104	1.41
NDM-WK-341	Rock	0.57	0.76	305.19	4.43	413.7	119	114.8	33.1	1640	13.57	151.3	<0.1	2.6	0.5	11.0	1.00	1.99	0.30	237	0.16
NDM-WK-342	Rock	0.81	0.21	35.62	1.68	21.9	36	39.2	7.3	362	2.93	74.9	<0.1	2.0	<0.1	7.3	0.04	0.96	0.06	15	0.51
NDM-WK-343	Rock	0.78	0.09	39.83	0.25	148.6	29	18.0	8.0	1491	11.84	12.1	4.7	0.4	<0.1	3.2	0.79	1.01	0.03	6	0.17
NDM-WK-344	Rock	0.62	0.73	401.13	5.09	31.3	246	57.3	30.9	588	10.70	>10000	0.9	8.2	8.0	18.2	0.02	21.28	1.17	24	0.70
NDM-WK-345	Rock	0.65	0.35	27.89	8.84	62.1	66	16.2	13.1	988	5.36	7427.9	1.9	8.7	14.2	86.3	0.03	9.10	0.24	21	1.03
NDM-WK-346	Rock	0.59	0.40	6.80	5.36	47.9	40	8.5	12.2	656	4.41	>10000	2.2	124.0	13.3	36.5	0.02	22.84	0.37	14	0.65
NDM-WK-347	Rock	0.75	0.71	129.74	6.01	98.5	196	629.4	148.3	687	4.74	1094.0	<0.1	5.6	0.4	55.7	0.08	59.43	0.67	216	1.37
NDM-WK-348	Rock	0.61	0.27	593.22	6.49	156.6	284	25.7	17.9	1889	11.07	9.1	0.2	1.3	0.6	24.4	0.10	1.84	0.15	183	0.90
NDM-WK-349	Rock	0.89	1.22	48.23	6.35	123.7	149	34.7	18.2	953	4.69	98.5	2.1	3.1	8.6	6.1	0.13	0.27	0.31	60	0.15
NDM-WK-350	Rock	0.50	0.65	32.51	7.02	351.0	137	5.0	1.8	245	9.03	9.1	0.4	4.8	0.2	0.7	0.08	1.96	0.37	13	0.03
NDM-WK-351	Rock	0.51	0.35	145.52	2.85	323.9	112	419.9	25.3	2485	6.47	125.4	<0.1	2.9	0.4	20.0	0.38	12.10	0.06	69	1.77
NDM-WK-352	Rock	0.78	0.18	605.40	0.91	46.7	166	414.3	47.4	254	4.71	4.9	0.2	7.6	1.3	22.3	0.07	0.52	0.14	67	1.15
NDM-WK-353	Rock	0.70	0.31	90.91	6.95	114.8	543	16.6	33.4	1087	9.50	1301.6	0.8	158.6	5.5	16.0	0.47	1.14	0.12	190	3.42
NDM-WK-354	Rock	0.72	0.49	193.72	15.16	52.6	907	7.8	30.5	440	9.13	>10000	1.4	262.1	10.5	7.3	0.11	6.11	0.18	94	0.31
NDM-WK-355	Rock	0.73	0.28	15.67	1.86	38.3	430	30.0	64.2	586	10.79	>10000	1.4	721.0	8.3	7.9	0.01	18.87	0.25	355	0.32
NDM-WK-356	Rock	0.56	0.22	118.28	5.06	38.4	1285	28.1	252.5	786	16.37	>10000	1.0	1380.9	6.8	8.6	<0.01	29.94	0.58	371	0.43
NDM-WK-357	Rock	0.60	0.36	84.69	5.76	57.9	422	8.5	34.4	885	10.72	>10000	0.8	195.3	6.0	5.4	0.12	5.60	0.20	148	0.61
NDM-WK-358	Rock	0.64	0.20	97.35	2.94	11.0	453	5.0	5.2	77	1.71	589.6	<0.1	278.4	0.2	1.4	0.06	0.99	0.05	15	0.09
NDM-WK-359	Rock	0.74	0.35	211.95	5.14	55.6	1834	24.6	13.4	639	6.90	187.8	0.6	841.4	3.4	9.8	0.16	0.70	0.05	229	1.14
NDM-WK-360	Rock	0.72	0.74	105.68	6.85	59.7	3509	39.8	169.8	407	11.41	>10000	1.3	3530.9	4.9	17.0	0.19	40.36	0.69	311	0.75
NDM-WK-361	Rock	0.62	1.60	155.71	6.32	54.5	109	27.4	68.4	350	7.25	3203.6	0.9	25.5	4.9	14.2	0.03	2.67	0.18	201	0.93
NDM-WK-362	Rock	0.72	0.90	245.65	3.23	58.6	174	18.6	76.6	472	9.81	1868.2	1.0	5.5	6.4	22.0	0.04	1.52	0.35	223	1.21
NDM-WK-363	Rock	0.66	0.33	215.41	11.64	85.2	163	23.7	43.4	644	10.56	84.6	0.8	5.2	5.2	30.2	0.03	1.09	0.28	194	1.00
NDM-WK-364	Rock	0.90	0.39	49.21	3.25	86.6	205	96.0	107.9	441	13.16	>10000	0.6	1725.7	3.1	27.2	0.04	44.81	1.93	472	0.54

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-335	Rock	0.017	8.5	106.4	0.45	108.1	0.089	6	1.15	0.045	0.71	0.4	7.4	0.17	1.53	12	2.4	1.35	4.0	2538	
NDM-WK-336	Rock	0.009	22.1	85.1	0.51	33.5	0.131	7	1.53	0.050	0.93	1.9	12.4	0.33	5.66	105	9.7	2.71	6.0	>10000	22.5
NDM-WK-337	Rock	0.006	4.4	7.1	0.26	63.2	0.039	<1	0.60	0.015	0.35	<0.1	1.7	0.58	0.59	<5	0.7	0.03	4.9		
NDM-WK-338	Rock	0.015	27.6	20.9	1.44	94.5	0.112	3	2.77	0.089	1.32	0.1	4.4	2.02	2.56	10	0.3	0.09	9.3		
NDM-WK-339	Rock	0.005	7.9	49.8	0.85	81.5	0.057	5	2.19	0.167	0.62	<0.1	5.3	0.33	2.67	9	8.0	4.65	5.3		
NDM-WK-340	Rock	0.019	2.3	206.4	1.15	49.5	0.036	<1	1.72	0.068	0.13	0.1	21.9	0.13	1.14	<5	1.6	0.15	3.6		
NDM-WK-341	Rock	0.024	1.3	948.5	2.94	45.4	0.025	7	4.67	0.027	0.12	0.3	26.1	0.11	1.21	40	3.7	0.43	14.0		
NDM-WK-342	Rock	0.007	<0.5	125.6	0.37	18.0	0.008	2	0.59	0.012	0.05	<0.1	2.9	0.06	0.20	<5	1.0	0.07	1.3		
NDM-WK-343	Rock	0.003	5.2	3.4	0.41	7.6	0.002	9	0.12	0.004	<0.01	0.5	2.6	<0.02	0.04	<5	<0.1	<0.02	0.3		
NDM-WK-344	Rock	0.011	14.7	9.9	0.60	16.0	0.015	1	2.32	0.015	0.19	0.2	7.2	0.35	2.17	6	4.1	0.77	8.0		
NDM-WK-345	Rock	0.018	10.0	4.1	1.04	164.9	0.061	5	3.66	0.147	1.08	0.2	5.1	0.53	0.34	16	0.7	0.25	13.4		
NDM-WK-346	Rock	0.016	48.8	3.4	0.71	80.9	0.046	6	2.36	0.126	0.64	0.1	4.1	0.61	0.67	9	1.5	0.70	7.8		
NDM-WK-347	Rock	0.023	1.9	658.5	1.19	150.3	0.124	3	3.75	0.526	1.05	2.4	30.1	2.97	1.82	6	2.4	1.32	10.2		
NDM-WK-348	Rock	0.035	1.6	168.8	2.01	24.6	0.087	6	4.45	0.061	0.13	0.4	9.8	0.24	0.86	8	3.1	0.28	14.0		
NDM-WK-349	Rock	0.022	15.9	51.6	0.96	95.2	0.135	3	2.01	0.063	0.92	0.2	6.1	1.06	0.93	14	<0.1	0.04	7.2		
NDM-WK-350	Rock	0.008	1.8	9.4	0.09	7.2	0.003	2	0.21	0.003	0.02	<0.1	1.4	0.18	0.07	29	2.4	0.52	1.3		
NDM-WK-351	Rock	0.019	1.3	884.0	2.00	21.9	0.039	4	2.97	0.063	0.06	<0.1	8.5	0.22	0.35	6	1.2	0.11	7.1		
NDM-WK-352	Rock	0.044	7.6	133.8	1.76	67.8	0.083	<1	2.24	0.173	0.38	0.1	6.6	0.09	0.80	<5	2.7	0.15	6.3		
NDM-WK-353	Rock	0.070	26.4	9.9	1.59	213.8	0.419	2	3.35	0.052	2.26	3.6	21.0	0.57	1.47	<5	0.2	<0.02	14.8		
NDM-WK-354	Rock	0.125	34.8	4.2	0.84	172.5	0.208	2	2.21	0.073	1.21	10.2	19.7	0.33	1.27	7	0.5	<0.02	13.4		
NDM-WK-355	Rock	0.057	32.8	6.8	1.60	34.9	0.067	4	2.98	0.061	0.33	52.8	14.2	0.08	2.27	12	1.0	0.15	16.1		
NDM-WK-356	Rock	0.089	18.7	4.9	1.81	38.7	0.105	2	3.65	0.079	0.32	37.8	16.2	0.11	4.67	<5	0.9	0.03	19.0	1425	
NDM-WK-357	Rock	0.115	31.1	1.7	1.53	124.0	0.269	5	3.15	0.056	1.80	20.8	23.5	0.44	1.68	<5	0.5	0.02	16.9		
NDM-WK-358	Rock	0.002	1.0	2.5	0.07	4.4	0.009	<1	0.16	0.006	0.03	0.7	0.8	0.04	0.67	<5	0.3	<0.02	0.9		
NDM-WK-359	Rock	0.030	10.9	7.7	0.88	128.8	0.185	5	2.27	0.082	1.16	23.9	17.9	0.29	1.90	12	0.5	0.03	10.3		
NDM-WK-360	Rock	0.049	22.7	8.7	1.03	56.8	0.113	4	2.56	0.099	1.06	57.3	18.9	0.27	3.84	<5	1.5	0.14	12.6	2820	
NDM-WK-361	Rock	0.073	22.6	4.6	1.38	33.8	0.103	<1	2.41	0.170	0.34	0.4	12.2	0.16	1.00	8	3.2	0.47	10.5		
NDM-WK-362	Rock	0.099	15.4	2.9	1.89	28.4	0.070	6	3.16	0.161	0.17	0.2	14.8	0.06	2.08	<5	5.3	0.38	10.8		
NDM-WK-363	Rock	0.096	17.7	4.9	1.90	236.1	0.252	8	3.93	0.101	1.22	0.2	14.6	0.44	0.90	13	4.6	0.11	12.5		
NDM-WK-364	Rock	0.047	9.0	52.1	1.92	42.4	0.089	10	3.87	0.131	1.79	2.2	24.0	0.57	3.77	<5	7.0	1.81	17.4	1480	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-365	Rock	0.84	0.17	41.20	3.74	58.4	51	76.8	43.6	515	9.08	>10000	0.6	66.1	3.2	85.6	0.04	21.62	0.43	181	3.25
NDM-WK-366	Rock	0.86	1.54	671.76	4.18	1.9	1098	23.9	294.0	36	10.55	>10000	<0.1	3398.8	0.1	2.9	0.03	73.72	1.40	15	0.03
NDM-WK-367	Rock	0.75	0.26	446.14	2.04	44.5	95	48.4	20.1	358	5.62	1654.8	0.6	84.8	3.0	13.6	0.06	1.23	0.10	171	1.05
NDM-WK-368	Rock	0.89	2.02	1080.80	7.06	18.8	1916	69.6	942.9	172	19.69	>10000	0.3	14478.4	1.7	11.0	0.04	138.35	6.03	102	0.27
NDM-WK-369	Rock	0.80	0.14	127.27	5.30	48.8	76	94.0	55.5	327	8.49	>10000	0.9	72.2	4.2	76.0	0.01	17.51	0.64	105	1.20
NDM-WK-370	Rock	0.82	0.20	480.11	4.20	41.1	230	51.8	47.7	339	4.73	2797.4	0.4	11.2	2.1	7.9	0.07	1.69	0.22	147	2.56
NDM-WK-371	Rock	0.82	0.68	121.90	6.85	77.3	202	28.2	21.3	1315	8.80	1852.3	0.8	61.2	4.4	4.3	0.25	1.84	0.28	63	1.65
NDM-WK-372	Rock	0.93	0.42	11.39	1.58	31.7	25	6.2	3.4	603	2.51	152.1	0.7	1.9	2.5	4.0	0.03	0.23	0.03	34	0.40
NDM-WK-373	Rock	0.83	0.44	3097.76	1.70	11.6	2364	33.1	8.6	208	2.87	57.2	<0.1	11374.0	0.2	5.3	0.11	0.86	0.79	25	1.23
NDM-WK-374	Rock	0.79	0.28	71.15	2.16	8.2	95	3.9	91.5	197	3.53	>10000	0.7	528.4	4.5	7.0	0.03	12.55	0.54	7	0.44
NDM-WK-375	Rock	0.83	0.16	422.85	0.62	17.7	86	3.1	24.8	630	6.75	27.9	0.5	5.0	4.4	1.1	0.02	0.30	0.13	3	1.65
NDM-WK-376	Rock	0.66	0.44	31.03	9.35	51.0	197	67.0	128.7	191	3.32	>10000	0.1	2011.8	0.6	7.8	0.40	13.31	1.61	38	0.70
NDM-WK-377	Rock	0.80	0.92	44.70	577.90	47.2	1623	0.9	3.8	239	9.11	>10000	0.2	814.3	2.1	5.6	0.74	40.25	2.12	3	0.29
M18-LD-29	Rock	0.75	1.80	64.68	8.55	59.2	60	50.4	12.8	359	4.15	140.7	0.8	7.1	5.9	7.6	0.04	0.38	0.14	104	0.12
M18-LD-30	Rock	0.75	0.17	299.18	10.32	63.9	271	97.6	33.8	669	5.02	68.8	<0.1	3.8	0.3	56.9	0.03	0.52	0.13	206	1.82
M18-LD-31	Rock	0.64	0.40	160.99	7.41	14.3	184	591.4	97.0	668	8.01	193.6	<0.1	6.3	0.4	77.1	0.07	2.08	0.12	93	2.21
M18-LD-32	Rock	0.85	0.29	58.32	1.16	16.9	33	430.2	71.1	949	2.68	317.6	<0.1	3.6	0.2	28.5	0.05	4.14	0.03	30	2.72
M18-LD-33	Rock	0.72	0.55	26.53	0.86	39.6	49	12.5	8.5	2260	15.96	8.7	1.2	1.7	5.0	2.7	0.03	1.24	0.21	21	0.36
M18-LD-34	Rock	0.67	0.23	101.31	13.03	353.7	246	29.5	19.2	4155	19.29	8.1	<0.1	2.7	0.7	10.1	1.12	4.34	0.49	246	0.51
M18-LD-35	Rock	0.50	0.22	114.23	9.59	139.0	119	214.8	44.6	557	4.18	68.5	0.4	2.6	2.4	74.1	0.13	7.28	0.08	121	2.73
M18-LD-36	Rock	0.84	0.20	179.06	8.67	85.8	207	846.5	76.9	796	5.94	13.8	<0.1	2.2	0.3	34.6	0.12	2.72	0.24	105	1.99
M18-LD-37	Rock	0.64	0.62	6.45	3.92	71.5	34	48.6	108.7	801	9.39	>10000	0.8	165.1	5.4	53.1	0.07	13.44	0.49	285	2.55
M18-LD-38	Rock	0.76	0.21	112.53	2.95	34.2	111	76.2	54.3	803	6.79	7099.8	0.5	38.4	4.1	29.9	0.13	2.37	0.24	232	3.24
M18-LD-39	Rock	0.87	0.35	202.79	2.41	28.1	157	77.9	39.3	626	6.10	1753.2	0.6	14.6	3.3	23.1	0.08	0.91	0.23	177	2.62
M18-LD-40	Rock	0.89	0.17	21.60	0.91	14.1	24	14.2	8.4	361	2.13	1816.7	0.1	32.0	0.9	11.4	0.06	0.91	0.03	56	1.63
M18-LD-41	Rock	0.58	0.19	105.52	5.94	68.1	130	55.5	31.6	587	4.72	75.0	0.6	4.9	3.3	21.7	0.23	0.42	0.06	148	2.41
M18-LD-42	Rock	0.94	2.03	5.74	3.06	3.0	347	119.4	249.0	53	28.63	>10000	<0.1	3399.4	0.2	1.3	0.03	242.45	2.89	23	0.04
M18-LD-43	Rock	0.72	0.47	31.28	4.47	47.0	178	8.8	23.6	400	8.91	>10000	1.7	200.3	11.8	7.9	0.08	21.13	0.55	56	0.56
M18-LD-44	Rock	0.91	0.24	28.56	2.29	19.5	141	3.3	4.3	168	2.51	411.8	0.4	61.1	2.2	2.4	0.04	1.30	0.06	33	0.36
M18-LD-45	Rock	0.77	0.30	37.45	3.86	33.9	526	12.0	36.6	534	9.80	>10000	0.9	1037.6	5.7	8.0	0.08	18.19	0.54	126	0.97

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-365	Rock	0.055	12.2	74.8	1.36	99.8	0.096	3	7.04	0.578	1.48	19.7	8.9	0.46	1.99	<5	3.9	0.68	21.0		
NDM-WK-366	Rock	0.004	0.8	2.3	0.02	10.0	0.008	<1	0.11	0.015	0.01	0.1	0.7	0.05	3.09	9	22.0	6.16	0.7	2943	
NDM-WK-367	Rock	0.052	15.3	17.3	1.18	53.1	0.087	2	2.16	0.119	0.19	0.6	7.1	0.10	0.29	<5	1.1	0.09	7.7		
NDM-WK-368	Rock	0.034	6.0	11.5	0.48	36.3	0.062	1	1.16	0.046	0.22	1.5	5.4	0.36	5.57	77	28.3	7.76	5.1	8934	
NDM-WK-369	Rock	0.053	13.8	57.9	0.98	69.9	0.102	10	4.09	0.325	1.28	0.7	10.3	0.37	2.84	<5	5.7	0.77	14.8		
NDM-WK-370	Rock	0.040	9.4	22.7	0.94	45.1	0.154	2	2.24	0.071	0.09	0.3	4.8	0.03	0.61	6	2.5	0.09	9.4		
NDM-WK-371	Rock	0.032	13.1	6.6	0.85	18.7	0.165	3	2.25	0.055	0.24	0.2	8.4	0.07	2.34	<5	0.6	0.09	10.8		
NDM-WK-372	Rock	0.018	10.8	6.9	0.73	19.1	0.099	3	1.22	0.053	0.14	<0.1	4.0	0.03	0.28	<5	<0.1	0.03	4.8		
NDM-WK-373	Rock	0.008	0.8	51.2	0.40	13.7	0.127	10	0.60	0.020	0.04	<0.1	2.1	0.03	0.15	86	2.3	0.71	1.5	>10000	13.6
NDM-WK-374	Rock	0.004	14.0	4.3	0.30	20.8	0.014	3	0.58	0.090	0.07	2.7	1.5	0.05	0.49	13	0.6	0.16	2.2		
NDM-WK-375	Rock	0.002	4.8	1.0	0.48	19.4	0.015	2	0.99	0.148	0.10	<0.1	1.7	0.02	0.48	<5	0.6	0.06	4.3		
NDM-WK-376	Rock	0.016	2.5	28.3	0.52	46.7	0.025	3	0.74	0.118	0.08	11.7	4.0	0.05	0.85	10	1.0	2.09	2.5	5041	
NDM-WK-377	Rock	0.048	12.2	1.9	0.17	47.2	0.022	<1	0.62	0.097	0.13	28.3	6.9	0.04	2.59	22	1.5	0.24	5.9		
M18-LD-29	Rock	0.042	17.8	157.8	1.78	39.5	0.051	2	2.46	0.083	0.23	0.2	12.4	0.09	0.17	<5	<0.1	0.02	10.3		
M18-LD-30	Rock	0.037	1.8	258.5	1.50	81.8	0.071	2	4.37	0.447	0.35	<0.1	18.1	0.52	1.73	<5	1.2	0.24	10.6		
M18-LD-31	Rock	0.021	2.6	473.5	0.68	49.3	0.071	5	3.85	0.324	0.36	<0.1	10.4	0.25	3.71	<5	0.1	0.04	8.5		
M18-LD-32	Rock	0.007	1.1	149.5	0.42	76.5	0.024	15	1.61	0.093	0.11	0.2	5.6	0.07	0.42	7	<0.1	0.06	3.1		
M18-LD-33	Rock	0.010	11.1	7.6	0.68	38.5	0.036	3	0.90	0.028	0.22	0.1	1.3	0.42	1.29	<5	0.4	0.08	4.5		
M18-LD-34	Rock	0.031	5.7	216.5	3.42	10.3	0.023	76	5.01	0.026	0.09	<0.1	48.5	0.22	3.39	17	0.6	0.22	12.3		
M18-LD-35	Rock	0.052	9.3	114.7	0.57	78.2	0.066	3	4.45	0.483	0.31	6.8	9.6	0.80	1.51	<5	0.5	0.11	10.3		
M18-LD-36	Rock	0.023	1.4	946.1	1.83	87.4	0.071	3	4.63	0.205	0.45	0.1	16.7	1.09	2.30	13	0.7	0.20	8.1		
M18-LD-37	Rock	0.064	9.7	72.5	2.38	240.4	0.107	7	6.24	0.431	2.96	13.2	23.7	0.58	1.68	<5	2.3	0.12	21.6		
M18-LD-38	Rock	0.060	11.8	56.0	2.00	310.0	0.276	3	4.09	0.260	2.40	14.8	20.9	0.44	0.99	6	0.4	0.04	14.3		
M18-LD-39	Rock	0.052	15.0	44.7	1.37	194.5	0.212	4	2.99	0.224	1.65	5.5	10.9	0.33	1.29	<5	0.3	<0.02	11.7		
M18-LD-40	Rock	0.006	3.2	14.1	0.63	66.6	0.054	2	1.07	0.070	0.58	3.8	4.3	0.11	0.18	<5	<0.1	<0.02	3.6		
M18-LD-41	Rock	0.047	13.1	27.1	1.45	177.0	0.207	3	2.81	0.194	1.42	1.2	8.3	0.25	0.31	<5	<0.1	<0.02	8.6		
M18-LD-42	Rock	0.002	2.2	3.8	0.09	15.4	0.013	<1	0.30	0.010	0.13	0.5	1.4	0.05	8.24	20	50.1	1.48	1.1	3410	
M18-LD-43	Rock	0.145	50.3	2.0	1.07	62.7	0.097	3	2.15	0.086	1.34	17.0	15.3	0.30	2.74	<5	1.0	<0.02	14.0		
M18-LD-44	Rock	0.037	9.1	1.8	0.32	44.2	0.047	1	0.72	0.033	0.28	6.3	4.9	0.08	0.60	<5	<0.1	<0.02	3.5		
M18-LD-45	Rock	0.088	24.9	2.4	1.00	122.9	0.109	2	2.11	0.040	0.59	39.7	14.1	0.17	1.89	<5	0.7	0.08	11.9	1102	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
M18-LD-46	Rock	0.77	0.18	341.15	2.37	34.2	103	39.0	68.8	587	5.53	640.4	0.9	9.7	5.3	11.6	0.04	0.94	0.14	157	2.96
M18-LD-47	Rock	1.02	0.33	116.82	2.60	51.2	39	44.1	29.3	348	4.19	20.0	0.5	1.2	3.2	32.6	0.08	0.54	0.07	123	1.39
M18-LD-48	Rock	1.11	0.12	168.11	4.43	58.7	116	69.5	45.5	416	7.86	>10000	1.0	14.5	5.2	32.4	0.01	3.51	0.22	192	1.93
M18-LD-49	Rock	1.11	0.11	105.15	1.99	32.2	64	32.9	16.8	600	5.98	4849.9	0.2	8.7	1.4	12.1	0.04	1.62	0.27	176	0.85
M18-LD-50	Rock	1.12	0.22	145.31	3.21	49.7	99	87.4	55.0	850	9.08	>10000	0.6	44.0	3.9	23.9	0.06	12.78	0.55	204	2.59
M18-LD-51	Rock	0.86	0.24	14.50	1.94	39.2	26	50.1	46.1	534	7.55	>10000	0.4	56.5	2.1	31.3	0.03	18.21	0.47	215	1.45
M18-LD-52	Rock	1.07	0.11	58.57	5.77	64.7	66	11.9	16.1	212	4.28	9728.7	0.5	26.0	2.9	91.4	0.05	3.37	0.21	80	1.43
M18-LD-53	Rock	0.95	0.17	130.43	2.08	82.4	74	68.5	37.4	654	5.81	3258.0	0.6	10.4	3.1	35.1	0.05	1.47	0.16	252	2.01
M18-LD-54	Rock	1.04	0.26	272.11	15.30	34.4	180	16.0	34.9	684	9.15	1277.8	0.5	23.4	3.2	11.4	0.04	0.82	0.53	271	1.06
M18-LD-55	Rock	0.75	4.40	3611.84	0.91	56.9	1953	35.2	24.3	412	2.79	30.7	<0.1	672.5	0.4	5.7	1.89	0.20	0.39	53	2.82
M18-LD-56	Rock	0.90	0.52	256.02	0.72	12.4	99	23.4	20.9	264	2.16	13.5	0.2	8.7	1.4	3.4	0.04	0.54	0.15	60	0.91
M18-LD-57	Rock	0.97	0.35	151.22	3.03	30.7	111	30.2	30.3	342	7.02	>10000	0.9	365.6	5.1	10.4	0.06	12.33	1.15	150	0.83
M18-LD-58	Rock	1.44	0.22	69.01	2.02	55.1	39	53.5	35.3	878	5.38	>10000	0.5	26.9	2.6	19.2	0.10	4.85	0.19	129	3.69
M18-LD-59	Rock	1.52	0.75	9.24	4.34	51.4	33	54.7	51.2	416	8.31	>10000	1.0	197.6	4.0	83.5	0.04	21.57	1.68	275	1.68

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS VAN18001958.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
M18-LD-46	Rock	0.084	22.2	3.6	0.75	48.9	0.061	3	1.39	0.110	0.07	0.4	12.6	0.05	1.58	<5	3.8	0.11	5.6		
M18-LD-47	Rock	0.059	15.0	18.1	1.15	56.6	0.083	3	2.32	0.226	0.19	0.1	7.5	0.07	0.56	5	1.1	0.04	6.5		
M18-LD-48	Rock	0.085	24.6	65.8	1.52	97.3	0.208	3	4.42	0.311	1.79	9.7	18.4	0.55	1.75	<5	3.2	0.16	16.8		
M18-LD-49	Rock	0.025	5.6	44.9	1.08	209.6	0.217	1	3.65	0.267	1.63	13.8	11.6	0.48	0.96	<5	0.3	0.04	17.0		
M18-LD-50	Rock	0.053	17.5	85.2	1.97	165.1	0.126	5	4.21	0.209	1.39	17.1	15.5	0.33	1.79	<5	2.6	0.34	13.4		
M18-LD-51	Rock	0.028	8.7	49.9	1.31	127.1	0.099	4	4.08	0.324	1.35	4.9	11.6	0.30	1.81	<5	2.3	0.58	13.8		
M18-LD-52	Rock	0.032	14.5	16.7	0.70	210.8	0.074	3	3.89	0.334	0.84	0.3	7.5	0.22	0.85	<5	1.6	0.25	13.4		
M18-LD-53	Rock	0.048	13.8	43.0	1.94	308.2	0.165	13	3.68	0.225	1.63	0.6	10.9	0.37	0.42	<5	0.4	0.09	11.0		
M18-LD-54	Rock	0.053	12.5	3.6	1.61	142.9	0.257	9	2.95	0.109	1.79	3.0	13.7	0.34	1.53	<5	0.6	0.06	13.2		
M18-LD-55	Rock	0.005	1.8	43.3	0.86	4.8	0.025	3	1.13	0.062	0.03	<0.1	5.4	0.05	0.47	83	1.5	0.34	3.3		
M18-LD-56	Rock	0.039	6.6	4.6	0.46	21.6	0.112	<1	0.57	0.124	0.07	0.1	6.7	0.04	0.31	7	0.8	0.03	1.9		
M18-LD-57	Rock	0.075	22.6	43.6	0.81	96.5	0.103	2	1.64	0.126	0.92	23.9	7.3	0.20	1.97	<5	1.9	0.52	7.1		
M18-LD-58	Rock	0.048	14.7	33.8	1.55	187.4	0.191	<1	2.62	0.187	1.44	5.6	10.9	0.31	0.80	<5	1.1	0.21	9.8		
M18-LD-59	Rock	0.098	17.2	49.7	1.12	63.6	0.046	4	4.71	0.424	1.35	10.7	22.7	0.31	2.23	<5	3.8	1.14	19.7		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
3195608	Rock		0.65	0.39	91.33	>10000	5279.7	>100000	1.6	27.0	646	16.04	>10000	0.1	1447.5	0.7	7.5	235.56	125.95	45.94	16	1.07
REP 3195608	QC																					
NDM-WK-343	Rock		0.78	0.09	39.83	0.25	148.6	29	18.0	8.0	1491	11.84	12.1	4.7	0.4	<0.1	3.2	0.79	1.01	0.03	6	0.17
REP NDM-WK-343	QC			0.11	40.54	0.25	155.1	23	17.8	7.6	1476	11.61	12.9	5.1	2.4	<0.1	3.2	0.87	0.83	0.03	5	0.17
NDM-WK-366	Rock		0.86	1.54	671.76	4.18	1.9	1098	23.9	294.0	36	10.55	>10000	<0.1	3398.8	0.1	2.9	0.03	73.72	1.40	15	0.03
REP NDM-WK-366	QC																					
NDM-WK-372	Rock		0.93	0.42	11.39	1.58	31.7	25	6.2	3.4	603	2.51	152.1	0.7	1.9	2.5	4.0	0.03	0.23	0.03	34	0.40
REP NDM-WK-372	QC			0.48	11.41	1.59	32.2	24	6.4	3.2	617	2.49	164.3	0.7	2.3	2.5	4.1	0.04	0.24	0.03	33	0.39
NDM-WK-373	Rock		0.83	0.44	3097.76	1.70	11.6	2364	33.1	8.6	208	2.87	57.2	<0.1	11374.0	0.2	5.3	0.11	0.86	0.79	25	1.23
REP NDM-WK-373	QC																					
M18-LD-55	Rock		0.75	4.40	3611.84	0.91	56.9	1953	35.2	24.3	412	2.79	30.7	<0.1	672.5	0.4	5.7	1.89	0.20	0.39	53	2.82
REP M18-LD-55	QC			4.66	3604.97	0.94	56.5	1835	35.2	25.0	409	2.76	29.7	<0.1	271.5	0.4	5.5	1.81	0.23	0.41	54	2.82
M18-LD-58	Rock		1.44	0.22	69.01	2.02	55.1	39	53.5	35.3	878	5.38	>10000	0.5	26.9	2.6	19.2	0.10	4.85	0.19	129	3.69
REP M18-LD-58	QC			0.18	65.85	1.94	58.6	49	51.6	35.8	914	5.38	>10000	0.5	28.3	2.6	18.8	0.08	4.74	0.19	129	3.63
Core Reject Duplicates																						
NDM-WK-325	Rock		0.53	0.27	48.91	325.55	1901.2	1353	2.1	0.8	250	1.98	4912.6	0.7	282.3	5.6	3.4	16.93	5.93	2.20	3	0.12
DUP NDM-WK-325	QC			0.29	46.17	319.17	1928.3	1276	1.9	0.9	251	2.01	4984.0	0.6	191.6	5.6	3.4	16.31	5.73	2.17	3	0.12
NDM-WK-359	Rock		0.74	0.35	211.95	5.14	55.6	1834	24.6	13.4	639	6.90	187.8	0.6	841.4	3.4	9.8	0.16	0.70	0.05	229	1.14
DUP NDM-WK-359	QC			0.31	208.74	5.19	51.8	1962	24.4	13.4	668	7.01	186.6	0.6	925.3	3.2	9.2	0.19	0.67	0.05	228	1.16
M18-LD-44	Rock		0.91	0.24	28.56	2.29	19.5	141	3.3	4.3	168	2.51	411.8	0.4	61.1	2.2	2.4	0.04	1.30	0.06	33	0.36
DUP M18-LD-44	QC			0.30	30.82	2.67	18.8	168	3.4	4.7	171	2.57	630.6	0.4	130.3	2.1	2.4	0.04	1.71	0.07	31	0.37
Reference Materials																						
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD DS11	Standard			13.73	147.35	133.07	332.4	1646	73.4	12.9	990	3.04	45.5	2.7	66.2	8.2	72.4	2.48	8.54	12.29	50	1.05
STD DS11	Standard			15.82	155.17	146.99	341.7	1940	81.3	13.4	990	3.23	47.5	2.8	81.7	8.6	74.5	2.62	9.18	13.36	51	1.08
STD DS11	Standard			14.48	151.02	129.02	341.4	1677	77.8	13.9	1061	3.24	48.1	2.5	81.6	7.5	69.5	2.27	7.79	11.73	52	1.08
STD DS11	Standard			14.61	162.86	139.29	354.5	1874	82.6	14.0	1056	3.19	49.5	2.6	80.4	8.1	70.8	2.66	8.93	12.53	51	1.07

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
3195608	Rock		0.140	7.5	0.6	0.35	35.2	0.064	2	1.22	0.090	0.06	0.7	8.2	0.11	5.58	133	21.0	4.02	6.8	1235	
REP 3195608	QC																				1446	
NDM-WK-343	Rock		0.003	5.2	3.4	0.41	7.6	0.002	9	0.12	0.004	<0.01	0.5	2.6	<0.02	0.04	<5	<0.1	<0.02	0.3		
REP NDM-WK-343	QC		0.003	5.4	3.1	0.40	7.7	0.002	8	0.12	0.004	<0.01	0.3	2.6	<0.02	0.04	<5	<0.1	<0.02	0.5		
NDM-WK-366	Rock		0.004	0.8	2.3	0.02	10.0	0.008	<1	0.11	0.015	0.01	0.1	0.7	0.05	3.09	9	22.0	6.16	0.7	2943	
REP NDM-WK-366	QC																				3171	
NDM-WK-372	Rock		0.018	10.8	6.9	0.73	19.1	0.099	3	1.22	0.053	0.14	<0.1	4.0	0.03	0.28	<5	<0.1	0.03	4.8		
REP NDM-WK-372	QC		0.019	10.6	6.2	0.71	20.5	0.100	4	1.16	0.051	0.13	0.1	3.6	0.03	0.28	<5	<0.1	0.05	5.2		
NDM-WK-373	Rock		0.008	0.8	51.2	0.40	13.7	0.127	10	0.60	0.020	0.04	<0.1	2.1	0.03	0.15	86	2.3	0.71	1.5	>10000	13.6
REP NDM-WK-373	QC																				>10000	
M18-LD-55	Rock		0.005	1.8	43.3	0.86	4.8	0.025	3	1.13	0.062	0.03	<0.1	5.4	0.05	0.47	83	1.5	0.34	3.3		
REP M18-LD-55	QC		0.006	1.7	42.8	0.86	4.7	0.024	1	1.13	0.061	0.03	<0.1	5.2	0.04	0.48	65	1.4	0.36	3.5		
M18-LD-58	Rock		0.048	14.7	33.8	1.55	187.4	0.191	<1	2.62	0.187	1.44	5.6	10.9	0.31	0.80	<5	1.1	0.21	9.8		
REP M18-LD-58	QC		0.043	14.7	32.6	1.53	187.6	0.183	1	2.57	0.182	1.43	5.5	10.1	0.32	0.79	<5	0.9	0.19	9.4		
Core Reject Duplicates																						
NDM-WK-325	Rock		0.011	12.7	2.0	0.18	21.6	0.002	1	0.47	0.025	0.10	0.4	0.7	0.04	0.43	490	0.2	0.09	2.0		
DUP NDM-WK-325	QC		0.011	14.0	1.9	0.17	22.8	0.003	<1	0.48	0.025	0.10	0.3	0.8	0.04	0.42	446	0.2	0.08	2.1		
NDM-WK-359	Rock		0.030	10.9	7.7	0.88	128.8	0.185	5	2.27	0.082	1.16	23.9	17.9	0.29	1.90	12	0.5	0.03	10.3		
DUP NDM-WK-359	QC		0.028	10.8	7.7	0.88	132.4	0.181	3	2.28	0.085	1.17	24.3	18.6	0.30	1.93	16	0.6	0.03	10.5		
M18-LD-44	Rock		0.037	9.1	1.8	0.32	44.2	0.047	1	0.72	0.033	0.28	6.3	4.9	0.08	0.60	<5	<0.1	<0.02	3.5		
DUP M18-LD-44	QC		0.036	7.9	2.4	0.30	40.3	0.044	1	0.68	0.031	0.25	6.3	4.2	0.08	0.64	<5	<0.1	<0.02	3.2		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.069	19.5	58.7	0.82	357.7	0.097	6	1.18	0.076	0.40	2.6	3.1	4.61	0.28	238	2.5	4.53	4.4		
STD DS11	Standard		0.075	21.2	58.9	0.84	378.1	0.101	7	1.16	0.073	0.40	3.4	3.1	5.13	0.29	283	2.3	4.84	5.1		
STD DS11	Standard		0.067	19.2	60.3	0.83	368.6	0.097	8	1.18	0.075	0.41	2.7	3.0	4.66	0.29	254	1.7	4.41	5.2		
STD DS11	Standard		0.066	19.9	63.0	0.83	393.8	0.094	9	1.14	0.072	0.40	3.4	3.1	4.94	0.28	247	2.1	4.88	5.1		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD DS11	Standard		14.72	149.50	141.38	345.6	1717	80.5	13.8	1045	3.12	43.7	2.6	60.3	8.0	71.4	2.42	7.99	12.64	50	1.07
STD DS11	Standard		14.61	149.70	133.42	343.3	1696	77.3	13.4	1020	3.04	43.2	2.6	144.8	7.4	69.0	2.50	8.06	12.30	51	1.01
STD OXC129	Standard		1.32	28.72	6.19	43.0	9	73.5	19.7	403	3.04	0.6	0.7	194.9	2.0	204.9	0.02	0.04	<0.02	52	0.71
STD OXC129	Standard		1.40	29.36	7.22	43.9	9	80.7	21.7	450	3.16	1.1	0.8	199.3	2.4	211.8	0.03	0.04	<0.02	55	0.74
STD OXC129	Standard		1.38	29.85	6.58	43.5	17	82.9	21.6	431	3.14	3.7	0.7	193.8	2.1	194.7	0.02	0.04	<0.02	54	0.74
STD OXC129	Standard		1.29	28.26	6.47	39.8	7	79.9	19.8	387	3.12	1.8	0.7	196.1	1.9	175.7	0.01	0.03	<0.02	54	0.72
STD OXC129	Standard		1.39	28.59	6.48	41.7	13	81.6	20.8	427	3.11	<0.1	0.7	185.7	1.8	198.9	<0.01	0.03	<0.02	53	0.68
STD OXC129	Standard		1.28	29.75	6.53	41.2	7	82.8	21.7	463	3.05	0.3	0.7	200.1	2.0	202.3	<0.01	0.04	<0.02	54	0.70
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.03	0.02	0.1	<2	<0.1	<0.1	4	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	0.3	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
STD DS11	Standard	0.073	18.8	63.0	0.83	367.8	0.097	8	1.19	0.074	0.41	2.8	3.4	4.82	0.28	289	2.4	4.29	5.1		
STD DS11	Standard	0.068	17.3	58.5	0.82	359.4	0.092	6	1.15	0.075	0.40	2.7	3.1	4.56	0.27	261	1.8	4.61	4.7		
STD OXC129	Standard	0.097	13.2	51.8	1.56	51.6	0.425	<1	1.60	0.606	0.37	<0.1	0.6	0.04	<0.02	<5	<0.1	0.02	5.6		
STD OXC129	Standard	0.107	14.2	56.6	1.56	53.0	0.451	2	1.62	0.598	0.37	<0.1	0.8	0.05	<0.02	7	<0.1	<0.02	5.8		
STD OXC129	Standard	0.100	14.2	55.0	1.56	55.9	0.437	<1	1.65	0.602	0.37	<0.1	0.8	0.03	<0.02	<5	<0.1	<0.02	5.8		
STD OXC129	Standard	0.098	12.7	54.5	1.54	50.6	0.421	1	1.56	0.583	0.37	<0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.8		
STD OXC129	Standard	0.108	12.6	55.4	1.53	49.3	0.416	1	1.63	0.588	0.38	0.1	1.1	0.04	<0.02	<5	<0.1	<0.02	5.5		
STD OXC129	Standard	0.106	12.6	54.8	1.54	50.5	0.419	<1	1.62	0.608	0.38	<0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.9		
STD OXC145	Standard																			212	
STD OXC145	Standard																			206	
STD OXC145	Standard																			223	
STD OXQ114	Standard																				35.6
STD OXQ114	Standard																				34.9
STD SP49	Standard																				18.3
STD SP49	Standard																				18.6
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXC145 Expected																				212	
STD AGPROOF Expected																					0
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			2	
BLK	Blank																			3	
BLK	Blank																			4	
BLK	Blank																				<0.9
BLK	Blank																				<0.9

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Prep Wash																					
ROCK-VAN	Prep Blank		1.45	6.68	1.56	35.9	19	1.1	3.4	578	1.96	0.9	0.4	2.1	2.2	30.0	0.03	0.07	0.03	25	0.65
ROCK-VAN	Prep Blank		1.42	10.63	2.08	43.8	29	1.4	4.1	635	2.19	4.8	0.5	<0.2	2.3	36.2	0.03	0.07	0.03	29	0.91

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 13, 2018

QUALITY CONTROL REPORT VAN18001958.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.041	6.5	4.1	0.49	72.5	0.092	2	1.07	0.145	0.15	<0.1	3.5	<0.02	0.07	<5	<0.1	<0.02	4.0		
ROCK-VAN	Prep Blank	0.045	6.8	4.2	0.59	76.3	0.107	3	1.26	0.113	0.13	0.1	4.1	<0.02	0.09	<5	<0.1	<0.02	4.7		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: August 01, 2018
Report Date: August 30, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN18001958A.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-04
P.O. Number
Number of Samples: 1

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	1	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ251_REE	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

CERTIFICATE OF ANALYSIS VAN18001958A.1

Method		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195609	Rock	0.97	1.54	101.69	7.33	387.1	215	32.0	14.9	950	6.04	111.8	2.7	9.3	10.3	4.3	1.13	2.95	0.13	47	0.12

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

CERTIFICATE OF ANALYSIS VAN18001958A.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Pr	Nd
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
3195609	Rock	0.021	24.2	26.6	1.44	69.7	0.184	4	2.22	0.059	1.67	0.2	5.7	0.59	2.10	29	0.8	0.08	9.8	5.18	17.93

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

CERTIFICATE OF ANALYSIS VAN18001958A.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3195609	Rock	3.17	0.59	2.67	0.39	2.12	0.41	1.07	0.13	0.80	0.12

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

QUALITY CONTROL REPORT VAN18001958A.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
3195609	Rock	0.97	1.54	101.69	7.33	387.1	215	32.0	14.9	950	6.04	111.8	2.7	9.3	10.3	4.3	1.13	2.95	0.13	47	0.12
REP 3195609	QC		1.43	98.99	7.36	385.6	207	30.3	15.7	977	6.07	113.7	2.5	10.0	10.8	4.0	1.08	2.81	0.12	48	0.12
Reference Materials																					
STD DS11	Standard		13.73	147.35	133.07	332.4	1646	73.4	12.9	990	3.04	45.5	2.7	66.2	8.2	72.4	2.48	8.54	12.29	50	1.05
STD OXC129	Standard		1.32	28.72	6.19	43.0	9	73.5	19.7	403	3.04	0.6	0.7	194.9	2.0	204.9	0.02	0.04	<0.02	52	0.71
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		1.55	6.39	6.24	54.3	40	2.3	3.9	585	1.94	3.1	0.4	0.3	2.1	47.7	0.14	0.15	0.02	23	1.10

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

QUALITY CONTROL REPORT VAN18001958A.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Pr	Nd
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
Pulp Duplicates																						
3195609	Rock		0.021	24.2	26.6	1.44	69.7	0.184	4	2.22	0.059	1.67	0.2	5.7	0.59	2.10	29	0.8	0.08	9.8	5.18	17.93
REP 3195609	QC		0.021	22.6	26.4	1.45	69.0	0.172	3	2.23	0.058	1.67	0.2	5.5	0.60	2.07	40	0.8	0.10	10.0	4.71	16.47
Reference Materials																						
STD DS11	Standard		0.069	19.5	58.7	0.82	357.7	0.097	6	1.18	0.076	0.40	2.6	3.1	4.61	0.28	238	2.5	4.53	4.4	4.07	14.78
STD OXC129	Standard		0.097	13.2	51.8	1.56	51.6	0.425	<1	1.60	0.606	0.37	<0.1	0.6	0.04	<0.02	<5	<0.1	0.02	5.6	2.68	9.60
STD OXC129 Expected			0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5	2.64	9.4
STD DS11 Expected			0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	4	14.9
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.02
Prep Wash																						
ROCK-VAN	Prep Blank		0.037	6.5	5.5	0.56	75.3	0.090	2	1.36	0.074	0.10	<0.1	3.0	0.04	0.09	8	<0.1	<0.02	4.4	1.52	6.14

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: August 30, 2018

QUALITY CONTROL REPORT VAN18001958A.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Pulp Duplicates												
3195609	Rock		3.17	0.59	2.67	0.39	2.12	0.41	1.07	0.13	0.80	0.12
REP 3195609	QC		2.96	0.54	2.75	0.40	2.06	0.36	0.91	0.13	0.77	0.10
Reference Materials												
STD DS11	Standard		2.19	0.53	2.18	0.32	1.66	0.33	1.01	0.15	0.85	0.11
STD OXC129	Standard		1.68	0.44	1.45	0.20	1.03	0.19	0.49	0.07	0.37	0.05
STD OXC129 Expected			1.6	0.47	1.31	0.19	0.99	0.18	0.45	0.06	0.38	0.05
STD DS11 Expected			2.68	0.54	2.22	0.29	1.57	0.29	0.81	0.11	0.75	0.11
BLK	Blank		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prep Wash												
ROCK-VAN	Prep Blank		1.38	0.40	1.30	0.28	1.47	0.32	0.97	0.15	0.82	0.13

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: August 07, 2018
Report Date: October 10, 2018
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN18002008.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-05
P.O. Number
Number of Samples: 119

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	119	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ251	119	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	15	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	15	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-379	Rock	0.73	0.32	135.38	2.63	110.5	45	16.1	11.6	838	4.24	5.5	1.5	19.8	1.1	6.3	<0.01	0.04	3.26	85	0.18
NDM-WK-380	Rock	0.76	0.47	445.56	11.10	98.9	164	11.3	13.4	498	6.79	59.6	1.8	130.5	2.3	10.5	0.04	0.11	5.04	84	0.16
NDM-WK-381	Rock	0.81	0.25	247.26	5.09	59.0	230	27.2	27.2	580	5.25	0.2	0.2	2.6	1.7	15.1	0.05	0.09	1.54	132	1.21
NDM-WK-382	Rock	0.67	0.53	176.71	8.27	116.1	136	80.5	36.1	758	5.35	6.9	<0.1	6.5	0.8	17.0	0.17	0.39	2.96	144	1.60
NDM-WK-383	Rock	0.73	1.56	117.95	8.31	33.1	222	16.4	13.4	386	2.87	0.8	3.2	36.9	3.4	18.4	0.04	0.07	5.98	73	1.11
NDM-WK-384	Rock	0.78	0.79	50.25	6.91	126.6	151	25.7	60.5	1000	12.65	96.8	0.4	65.9	2.2	42.9	<0.01	0.22	8.75	187	1.10
NDM-WK-385	Rock	0.91	0.29	266.52	6.47	93.5	510	18.6	20.8	735	5.23	0.2	0.1	2.9	0.9	40.3	0.15	<0.02	1.44	90	2.64
NDM-WK-386	Rock	0.73	0.18	2339.94	67.27	219.1	5394	62.2	35.7	189	2.39	2.1	0.3	40.7	0.9	14.2	3.33	0.10	3.18	33	0.63
NDM-WK-387	Rock	0.72	0.25	246.15	18.62	74.4	700	47.2	35.3	349	3.68	0.1	<0.1	1.8	0.4	61.9	0.41	<0.02	1.28	59	2.96
NDM-WK-388	Rock	0.60	0.31	215.39	10.72	52.1	573	13.9	12.4	568	5.17	1.9	2.4	2.6	12.2	13.9	0.07	0.34	0.92	60	1.21
NDM-WK-389	Rock	0.78	1.53	378.79	338.11	280.1	11354	43.1	66.6	310	4.46	>10000	<0.1	95.4	0.2	16.9	8.95	10.24	3.47	37	1.42
NDM-WK-390	Rock	0.70	3.12	131.07	34.95	32.4	8089	31.6	14.1	231	6.94	65.2	0.3	27.4	3.4	1.6	0.14	2.19	0.31	88	0.08
NDM-WK-391	Rock	0.59	0.61	93.13	161.06	196.7	38172	33.9	31.1	1113	7.28	108.7	0.1	118.1	1.2	28.5	0.78	17.64	0.39	318	2.40
NDM-WK-392	Rock	0.64	0.41	38.32	826.66	160.7	5486	25.8	12.7	293	1.55	435.8	<0.1	7.2	0.2	20.3	3.24	4.72	<0.02	43	2.80
NDM-WK-393	Rock	0.92	2.26	215.75	1737.77	33.8	50395	34.7	249.5	114	10.42	>10000	<0.1	465.1	<0.1	1.4	0.73	143.58	8.68	10	0.31
NDM-WK-394	Rock	0.85	0.24	123.48	>10000	>10000	>100000	12.9	3.5	228	2.32	225.1	<0.1	771.3	<0.1	3.5	515.98	177.44	34.07	7	1.53
NDM-WK-395	Rock	0.67	0.20	129.02	369.14	412.7	>100000	3.7	57.5	50	5.73	>10000	<0.1	542.2	<0.1	0.7	10.71	269.44	1.92	2	0.02
NDM-WK-396	Rock	0.72	0.46	103.25	5667.37	170.0	74299	17.7	5.7	397	2.34	64.0	<0.1	680.8	0.1	7.6	5.63	33.33	45.92	71	1.05
NDM-WK-397	Rock	0.68	0.25	100.85	401.53	413.1	>100000	3.1	4.1	88	3.35	>10000	<0.1	1400.6	<0.1	2.1	17.20	94.60	2.40	3	0.13
NDM-WK-398	Rock	0.67	0.34	1125.10	247.33	47.1	9989	33.3	85.5	173	4.01	>10000	<0.1	1231.8	<0.1	3.3	1.37	44.70	21.29	14	0.56
NDM-WK-399	Rock	0.87	0.51	263.60	7623.32	652.1	>100000	8.3	8.4	123	4.06	7318.6	<0.1	889.3	<0.1	4.7	31.97	128.23	14.04	26	0.31
NDM-WK-400	Rock	0.84	0.37	138.35	2432.64	57.6	33423	21.9	16.8	86	2.13	9698.7	<0.1	193.0	0.1	4.9	5.57	68.18	2.83	38	0.42
NDM-WK-401	Rock	0.74	0.22	57.73	38.20	13.2	947	20.7	10.4	147	1.15	44.5	<0.1	8.7	<0.1	6.1	0.13	0.74	0.12	19	0.79
NDM-WK-402	Rock	0.85	5.85	3097.20	15.14	37.3	10051	19.4	11.0	242	3.20	18.9	<0.1	18.9	0.1	7.6	0.17	0.28	7.99	53	0.51
NDM-WK-403	Rock	0.62	1.70	126.26	32.68	38.5	433	17.4	9.0	236	3.15	74.6	1.3	0.5	7.9	2.0	0.25	0.17	0.90	24	0.07
NDM-WK-404	Rock	0.59	0.25	225.44	615.97	577.8	14604	7.7	7.5	205	2.05	417.1	<0.1	131.6	<0.1	2.2	17.08	8.80	1.98	2	0.77
NDM-WK-405	Rock	0.71	0.42	867.79	>10000	>10000	>100000	45.8	18.7	245	8.30	96.0	<0.1	3250.1	0.1	4.3	888.42	287.94	18.92	17	0.54
NDM-WK-406	Rock	0.68	0.21	352.58	>10000	>10000	>100000	39.3	9.8	267	6.50	62.2	<0.1	2296.6	0.1	5.4	1150.86	153.14	313.19	12	0.75
NDM-WK-407	Rock	0.77	0.53	332.28	5487.26	1311.6	>100000	14.6	315.5	93	14.50	>10000	<0.1	1104.5	0.1	8.6	36.47	286.61	59.04	26	0.35
NDM-WK-408	Rock	0.64	1.19	730.34	1936.09	633.9	44534	10.3	6.6	314	2.98	386.4	<0.1	365.4	0.5	10.4	21.42	38.03	2.46	35	1.31

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-379	Rock		0.035	3.1	7.4	1.00	32.6	0.040	1	1.45	0.016	0.09	<0.1	6.8	0.06	0.19	6	<0.1	0.09	8.4		
NDM-WK-380	Rock		0.019	1.4	5.5	0.56	36.1	0.025	1	1.02	0.020	0.17	6.1	4.0	0.12	0.46	7	0.2	0.08	6.8		
NDM-WK-381	Rock		0.082	9.1	43.4	1.47	42.8	0.257	2	2.29	0.108	0.65	25.7	11.9	0.71	0.72	7	0.6	0.09	11.5		
NDM-WK-382	Rock		0.040	4.3	101.0	2.32	46.5	0.218	3	2.53	0.149	1.32	>100	17.0	1.61	0.76	<5	0.9	0.19	9.1		
NDM-WK-383	Rock		0.025	2.0	20.8	0.70	25.8	0.137	4	1.36	0.172	0.22	36.1	9.2	0.24	0.17	<5	0.4	0.31	5.3		
NDM-WK-384	Rock		0.059	7.1	8.6	1.56	12.1	0.183	7	2.15	0.009	0.05	1.3	8.9	0.03	1.81	6	0.5	0.07	12.5		
NDM-WK-385	Rock		0.083	7.5	29.2	0.99	129.9	0.191	2	3.67	0.289	0.55	9.7	13.9	0.25	1.07	<5	0.9	0.03	10.5		
NDM-WK-386	Rock		0.065	6.9	30.7	0.61	38.1	0.110	1	1.27	0.038	0.27	0.5	4.5	0.11	0.82	11	3.8	0.18	3.1		
NDM-WK-387	Rock		0.033	3.2	17.6	0.76	101.5	0.088	<1	3.91	0.187	0.21	4.4	7.5	0.10	1.14	<5	0.4	0.05	7.0		
NDM-WK-388	Rock		0.041	13.6	22.6	0.80	41.4	0.143	4	1.35	0.085	0.18	10.6	6.6	0.23	0.23	7	0.8	0.03	5.9		
NDM-WK-389	Rock		0.016	2.2	19.4	0.44	60.6	0.058	<1	1.81	0.047	0.21	1.9	2.9	0.06	2.02	10	0.9	0.05	4.6		
NDM-WK-390	Rock		0.025	4.1	515.9	1.09	7.3	0.222	<1	1.40	0.008	0.05	0.2	8.0	<0.02	0.76	<5	3.4	0.68	10.7		
NDM-WK-391	Rock		0.131	9.8	32.8	1.50	35.4	0.289	1	5.16	0.187	1.21	1.2	28.6	0.47	3.05	17	0.4	<0.02	17.7		
NDM-WK-392	Rock		0.020	2.1	27.4	0.54	90.5	0.104	1	3.61	0.153	0.19	0.4	3.1	0.03	0.30	9	<0.1	<0.02	7.7		
NDM-WK-393	Rock		0.002	0.8	7.5	0.15	9.3	0.014	2	0.20	0.004	0.05	0.1	1.3	0.09	4.93	11	6.9	0.44	1.0		
NDM-WK-394	Rock		0.004	1.1	3.9	0.51	3.0	0.026	2	0.21	0.004	<0.01	0.1	0.9	0.03	1.73	263	6.2	1.21	0.6		
NDM-WK-395	Rock		0.004	<0.5	3.4	<0.01	5.7	0.003	<1	0.03	0.002	0.01	<0.1	0.3	<0.02	1.88	136	0.3	<0.02	0.4		
NDM-WK-396	Rock		0.012	1.2	46.2	0.71	22.8	0.141	4	1.46	0.032	0.37	0.4	6.1	0.12	0.57	<5	1.2	0.67	3.9		
NDM-WK-397	Rock		0.003	0.7	3.6	0.18	17.8	0.002	<1	0.09	0.003	0.03	<0.1	0.5	<0.02	0.57	215	0.5	0.07	0.4	1308	
NDM-WK-398	Rock		0.003	<0.5	12.0	0.17	18.4	0.009	<1	0.43	0.021	0.03	0.1	1.6	<0.02	1.55	<5	4.3	0.28	1.2	1230	
NDM-WK-399	Rock		0.016	1.4	19.5	0.18	23.1	0.045	<1	0.42	0.012	0.12	0.4	2.6	0.04	0.99	157	3.9	2.10	1.6		
NDM-WK-400	Rock		0.018	1.5	14.8	0.17	50.6	0.018	1	0.84	0.045	0.08	1.5	3.0	<0.02	0.72	29	0.5	0.04	3.1		
NDM-WK-401	Rock		0.006	0.6	6.4	0.16	4.4	0.028	<1	0.40	0.043	0.01	<0.1	2.9	<0.02	0.07	6	<0.1	<0.02	1.2		
NDM-WK-402	Rock		0.015	5.6	15.2	0.55	17.2	0.063	<1	0.79	0.088	0.13	1.5	6.1	0.22	0.31	7	5.0	0.37	4.3		
NDM-WK-403	Rock		0.023	10.5	43.5	0.76	28.4	0.046	2	1.26	0.018	0.42	0.1	2.2	0.21	0.50	<5	0.7	0.11	4.8		
NDM-WK-404	Rock		0.006	0.6	2.5	0.13	3.7	0.010	<1	0.11	0.003	<0.01	<0.1	0.6	<0.02	0.18	161	0.1	0.05	0.5		
NDM-WK-405	Rock		0.009	2.4	10.1	0.26	9.9	0.037	<1	0.60	0.008	0.04	0.2	1.3	0.05	7.74	4791	1.9	0.67	1.8	2288	
NDM-WK-406	Rock		0.006	3.1	9.0	0.36	4.3	0.023	<1	0.47	0.012	0.02	0.2	1.4	0.04	5.24	609	17.0	3.91	1.3	2433	
NDM-WK-407	Rock		0.021	1.0	5.8	0.10	26.9	0.023	<1	0.49	0.011	0.09	0.3	2.1	0.03	4.34	88	9.2	0.24	1.9	833	
NDM-WK-408	Rock		0.055	7.2	3.9	0.33	158.1	0.132	<1	1.04	0.034	0.06	1.1	2.2	0.04	0.83	65	0.1	0.03	3.8		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-409	Rock	0.79	0.63	259.38	3459.44	865.2>100000		7.7	12.1	169	4.07	>10000	<0.1	753.8	<0.1	2.7	23.82	178.00	8.74	9	0.19
NDM-WK-410	Rock	0.73	0.26	68.51	32.00	12.8	560	1.4	0.9	60	0.97	126.7	<0.1	2.1	<0.1	0.6	0.23	0.61	0.19	4	0.01
NDM-WK-411	Rock	0.79	1.93	201.28	22.61	49.2	715	28.0	10.0	113	3.49	79.5	0.7	8.6	6.4	2.8	0.17	0.57	0.43	95	0.07
NDM-WK-412	Rock	0.71	0.53	120.15	6.02	5.3	436	5.0	2.2	62	3.17	5.2	<0.1	5.1	0.4	1.0	0.05	0.24	0.48	10	0.05
NDM-WK-413	Rock	0.77	0.39	457.74	2.45	6.4	1092	60.3	27.4	93	2.83	25.1	0.4	10.2	0.5	1.7	0.09	0.27	0.72	8	0.17
NDM-WK-414	Rock	0.81	0.30	95.13	1.91	11.7	147	2.8	3.5	208	2.03	3.2	<0.1	1.1	0.1	2.8	0.04	0.10	0.25	24	0.32
NDM-WK-415	Rock	0.78	0.73	89.19	1.11	12.9	82	1.3	0.7	289	3.54	3.5	<0.1	3.9	0.4	1.8	0.05	0.12	0.44	5	0.22
NDM-WK-416	Rock	0.68	0.58	350.21	7.72	8.6	267	27.0	24.3	75	3.17	1.0	0.1	6.1	1.8	15.8	0.04	0.35	1.05	68	2.19
NDM-WK-417	Rock	0.75	0.22	7144.22	8.00	64.2	9611	51.3	30.7	468	4.18	1.1	<0.1	1411.4	0.4	56.7	1.03	0.68	13.09	97	2.36
NDM-WK-418	Rock	0.71	0.21	308.42	7.61	90.0	234	31.2	18.5	429	3.74	1.7	0.3	6.0	1.3	14.6	0.41	0.20	0.78	56	1.63
NDM-WK-419	Rock	0.66	1.10	242.92	267.56	46.3	1497	8.2	8.1	178	3.92	3.7	<0.1	24.0	0.4	2.8	0.17	0.24	10.34	46	0.19
NDM-WK-420	Rock	0.70	0.81	759.15	30.47	20.1	322	19.3	12.6	259	7.50	49.9	0.6	23.6	1.5	9.1	0.01	1.66	5.97	97	0.26
NDM-WK-421	Rock	0.59	0.74	650.49	26.38	60.7	635	16.8	24.3	491	4.91	3.1	0.2	4.8	1.7	5.8	0.10	0.18	1.37	75	1.71
NDM-WK-422	Rock	0.61	1.90	134.38	15.01	30.6	236	9.2	12.4	322	2.66	1.2	0.4	7.0	2.8	24.3	0.05	0.09	1.78	56	1.21
NDM-WK-423	Rock	0.69	0.62	254.35	8.89	25.3	471	8.5	11.7	404	3.83	2.7	0.4	3.8	3.7	19.2	0.03	0.25	1.27	78	1.42
NDM-WK-424	Rock	0.61	0.18	189.13	3.09	50.4	111	30.9	25.1	478	3.98	1.3	0.2	<0.2	1.7	7.6	0.08	0.09	0.48	115	1.52
NDM-WK-425	Rock	0.64	0.26	161.07	3.35	15.3	177	9.0	5.2	171	1.67	1.5	<0.1	2.5	<0.1	5.1	0.03	0.07	0.17	26	0.41
NDM-WK-426	Rock	0.65	0.40	566.71	18.04	31.1	563	110.8	87.5	592	8.75	0.7	0.2	13.6	1.2	32.2	0.18	0.38	2.35	123	1.51
NDM-WK-427	Rock	0.53	9.52	1438.92	3.34	32.4	3466	11.7	13.3	155	2.71	2.2	0.3	104.7	0.6	12.6	0.34	0.07	4.41	94	0.49
NDM-WK-428	Rock	0.68	0.42	580.49	15.57	42.2	674	32.4	15.1	571	4.31	3.0	0.1	4.4	0.7	11.9	0.25	0.33	1.86	116	1.23
NDM-WK-429	Rock	0.72	2.45	905.19	20.54	5.1	990	1.6	1.8	59	35.14	33.2	<0.1	16.4	0.3	1.1	<0.01	0.35	18.94	85	0.02
NDM-WK-430	Rock	0.64	0.67	597.05	9.97	33.4	1878	5.3	6.0	457	8.06	3.0	0.1	14.7	1.3	8.1	0.05	0.09	3.75	133	0.36
NDM-WK-431	Rock	0.76	0.26	204.94	6.95	145.8	274	42.6	29.5	578	3.28	3.5	0.2	1.4	1.7	16.3	0.39	0.18	0.31	71	2.16
NDM-WK-432	Rock	0.57	0.34	493.71	5.44	35.2	943	31.6	32.2	313	3.18	0.7	0.2	2.7	1.0	10.5	0.09	0.12	0.77	57	1.01
NDM-WK-433	Rock	0.71	0.33	44.47	4.64	12.7	110	1.3	1.7	99	1.30	2.2	0.1	1.4	0.3	4.4	0.03	0.11	0.21	13	0.20
NDM-WK-434	Rock	0.67	0.45	109.36	18.14	100.6	226	27.0	29.7	456	4.99	2.9	0.3	0.6	2.4	5.9	0.24	0.23	0.32	163	0.71
NDM-WK-435	Rock	0.71	0.55	84.00	313.61	128.8	386	4.4	4.3	790	4.04	2.7	0.9	1.6	6.1	5.5	0.34	0.23	0.74	16	1.00
NDM-WK-436	Rock	0.59	1.31	155.49	5.17	57.3	190	10.5	8.1	729	4.69	3.3	1.0	1.6	10.0	9.6	0.21	0.25	0.51	50	1.52
NDM-WK-437	Rock	0.75	1.35	161.21	20.17	18.4	213	5.2	4.8	346	2.24	6.4	10.3	2.0	41.1	20.9	0.08	0.25	1.02	11	0.84
NDM-WK-438	Rock	0.66	0.22	201.25	3.85	22.2	75	6.1	12.0	327	2.99	5.1	0.2	3.8	3.1	6.6	0.07	0.39	0.08	63	0.72

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-409	Rock	0.013	2.4	7.7	0.18	26.0	0.018	<1	0.26	0.002	0.04	<0.1	0.8	<0.02	1.32	527	0.6	0.08	1.0		
NDM-WK-410	Rock	0.004	<0.5	4.1	0.07	2.4	0.001	<1	0.09	0.007	<0.01	<0.1	0.3	<0.02	0.04	<5	0.2	<0.02	0.7		
NDM-WK-411	Rock	0.014	13.8	161.2	1.48	147.0	0.095	<1	2.20	0.086	0.85	<0.1	8.9	0.27	0.47	6	0.5	0.09	8.9		
NDM-WK-412	Rock	0.007	1.2	14.8	0.06	13.5	0.007	<1	0.15	0.004	0.05	0.2	0.7	0.08	0.13	6	0.8	0.25	1.5		
NDM-WK-413	Rock	0.006	1.8	11.7	0.15	12.6	0.010	1	0.23	0.005	0.06	<0.1	0.8	<0.02	1.43	11	0.7	0.13	1.0		
NDM-WK-414	Rock	0.018	1.0	6.4	0.30	6.9	0.067	<1	0.44	0.034	0.04	0.2	2.1	0.03	0.03	<5	0.9	0.03	1.7		
NDM-WK-415	Rock	0.014	<0.5	5.7	0.05	22.8	0.005	<1	0.08	0.005	<0.01	0.3	0.3	<0.02	0.04	<5	0.4	0.04	0.5		
NDM-WK-416	Rock	0.082	8.5	16.7	0.25	12.8	0.085	1	3.17	0.282	0.05	13.1	5.6	0.14	1.15	<5	3.3	0.15	9.6		
NDM-WK-417	Rock	0.033	2.7	39.9	0.96	21.1	0.059	5	3.11	0.416	0.10	79.3	13.3	0.20	0.87	18	5.1	1.45	7.3	1322	
NDM-WK-418	Rock	0.030	5.5	13.8	0.43	15.3	0.153	1	1.15	0.060	0.13	0.4	8.0	0.23	0.35	<5	2.0	0.11	4.1		
NDM-WK-419	Rock	0.024	0.5	11.3	0.40	13.9	0.091	<1	0.66	0.030	0.05	0.3	2.3	0.03	0.11	<5	1.6	0.16	4.3		
NDM-WK-420	Rock	0.048	6.9	29.0	0.86	63.8	0.131	2	1.23	0.070	0.14	0.2	5.5	0.04	0.33	<5	11.6	0.23	8.0		
NDM-WK-421	Rock	0.201	7.3	6.8	0.90	12.4	0.146	2	1.55	0.172	0.11	2.2	12.6	0.07	0.65	<5	2.4	0.03	7.1		
NDM-WK-422	Rock	0.078	13.4	9.0	0.58	14.7	0.125	5	1.20	0.100	0.15	14.6	6.8	0.04	0.09	<5	0.2	0.04	5.8		
NDM-WK-423	Rock	0.109	11.8	11.1	0.76	18.4	0.125	1	1.45	0.141	0.18	3.0	7.9	0.07	0.24	<5	2.2	0.06	6.8		
NDM-WK-424	Rock	0.048	8.3	19.6	1.16	22.8	0.297	2	1.65	0.133	0.18	0.4	8.7	0.05	0.12	<5	0.1	<0.02	8.3		
NDM-WK-425	Rock	0.009	0.8	12.5	0.34	8.7	0.056	<1	0.51	0.030	0.07	1.3	1.9	0.05	0.06	<5	0.3	0.03	1.4		
NDM-WK-426	Rock	0.050	3.8	33.8	0.50	47.1	0.164	6	1.83	0.112	0.22	1.9	12.3	0.14	3.31	<5	2.2	0.17	6.8		
NDM-WK-427	Rock	0.063	5.2	8.7	0.87	15.1	0.087	3	1.69	0.035	0.19	9.0	3.9	0.09	0.30	<5	0.6	0.08	8.4		
NDM-WK-428	Rock	0.065	6.2	57.0	0.83	9.8	0.121	3	1.56	0.095	0.16	0.8	9.4	0.07	0.93	<5	0.5	0.06	4.7		
NDM-WK-429	Rock	0.029	1.1	37.8	0.04	10.6	0.051	<1	0.28	0.009	0.08	3.0	0.9	0.03	0.74	<5	11.5	1.76	3.8		
NDM-WK-430	Rock	0.040	6.0	91.5	1.64	24.6	0.214	<1	2.45	0.064	0.25	<0.1	8.9	0.12	0.40	<5	2.1	0.24	9.8		
NDM-WK-431	Rock	0.046	9.2	18.7	1.17	52.8	0.252	2	1.51	0.051	0.27	0.5	6.1	0.18	0.13	<5	0.4	<0.02	4.9		
NDM-WK-432	Rock	0.036	4.4	12.7	0.62	46.9	0.124	2	0.98	0.073	0.20	13.7	5.0	0.10	0.61	<5	1.5	0.02	3.7		
NDM-WK-433	Rock	0.022	1.3	4.6	0.12	5.6	0.064	2	0.28	0.030	0.04	0.2	0.7	0.02	0.03	<5	0.1	<0.02	1.1		
NDM-WK-434	Rock	0.080	9.0	15.8	2.02	189.6	0.211	3	2.45	0.041	0.75	0.3	8.0	0.63	0.20	<5	<0.1	<0.02	9.6		
NDM-WK-435	Rock	0.015	5.2	63.4	0.83	79.8	0.051	2	1.19	0.073	0.25	0.1	2.3	0.14	0.11	<5	<0.1	<0.02	4.7		
NDM-WK-436	Rock	0.035	8.4	26.2	0.92	95.5	0.098	2	1.49	0.125	0.21	0.2	3.6	0.07	0.18	<5	0.4	0.04	6.0		
NDM-WK-437	Rock	0.002	5.4	13.9	0.44	23.2	0.014	7	1.34	0.075	0.11	0.2	1.7	0.03	0.25	<5	0.2	0.05	6.0		
NDM-WK-438	Rock	0.040	5.4	2.5	0.57	17.8	0.075	8	1.01	0.085	0.07	0.2	6.8	<0.02	0.20	<5	0.2	<0.02	4.7		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
NDM-WK-439	Rock	0.78	0.16	171.00	9.03	42.2	1099	20.4	21.8	579	4.81	17.0	<0.1	5417.5	0.2	10.6	0.13	1.16	0.21	182	2.02
NDM-WK-440	Rock	0.86	0.16	194.18	15.57	42.6	657	21.9	38.5	778	7.51	902.2	<0.1	2150.4	0.2	7.2	0.14	1.42	0.30	352	2.31
NDM-WK-441	Rock	0.73	0.21	81.19	14.63	33.0	550	16.2	16.9	443	4.06	21.1	<0.1	1893.5	0.2	8.5	0.11	1.12	0.17	224	1.07
NDM-WK-442	Rock	0.67	0.18	163.26	6.45	23.4	326	19.2	26.0	392	3.88	87.7	<0.1	1005.3	0.2	10.1	0.10	1.03	0.40	164	1.54
NDM-WK-443	Rock	0.62	0.12	120.48	4.13	22.6	126	74.1	33.9	869	6.50	8.1	0.3	21.9	0.5	12.3	0.03	3.05	0.03	145	1.92
NDM-WK-444	Rock	0.64	0.13	377.61	3.31	26.9	201	543.2	116.4	998	6.69	11.6	0.5	28.4	0.4	8.6	0.07	2.07	0.08	127	2.18
NDM-WK-445	Rock	0.66	0.39	66.81	2.19	9.2	54	4.3	4.8	132	16.65	3.0	0.7	6.8	4.5	1.9	<0.01	0.33	0.11	36	0.06
NDM-WK-446	Rock	0.63	0.20	54.96	3.16	14.6	129	6.8	6.5	280	10.61	4.3	1.1	32.5	6.1	7.5	<0.01	0.93	0.23	87	0.55
NDM-WK-447	Rock	0.85	2.19	138.67	2.95	18.7	436	4.1	3.1	93	2.17	1.1	0.3	13.7	1.9	2.2	0.04	0.29	3.58	18	0.03
NDM-WK-448	Rock	0.77	0.42	387.32	2126.47	273.9	2682	42.7	20.4	296	2.48	3.5	0.1	5.0	1.3	10.6	2.94	2.59	5.26	72	1.30
NDM-WK-449	Rock	0.80	0.34	214.04	17.49	32.5	384	32.7	20.9	394	5.67	0.4	0.1	475.9	1.1	4.3	0.05	0.31	9.53	222	0.74
NDM-WK-450	Rock	0.93	1.42	1181.22	17.62	29.8	1002	37.6	45.0	384	4.65	0.1	0.3	5.8	1.1	21.8	0.07	1.06	1.27	82	1.28
NDM-WK-451	Rock	0.79	1.76	338.73	16.83	35.9	963	8.8	7.1	132	12.02	0.4	0.9	25.4	8.0	3.0	<0.01	0.55	3.14	141	0.06
NDM-WK-452	Rock	0.65	0.13	143.90	21.21	49.1	142	36.1	13.5	485	2.77	5.7	0.2	0.5	1.5	22.3	0.28	0.24	0.51	78	1.85
NDM-WK-453	Rock	0.79	3.72	4002.17	6.35	107.9	5320	35.0	31.4	194	1.79	3.9	0.3	158.1	0.7	21.5	1.59	0.31	5.33	27	1.72
NDM-WK-454	Rock	0.67	0.15	239.42	6.62	1195.0	403	15.0	9.4	181	1.81	0.4	<0.1	36.6	0.5	19.5	17.44	0.17	2.29	89	1.12
NDM-WK-455	Rock	0.78	3.30	1026.27	26.40	16.4	2174	15.9	9.2	90	14.39	<0.1	0.7	71.5	6.2	6.5	0.06	0.40	11.47	83	0.06
M18-LD-60	Rock	0.97	0.19	213.24	24.99	98.1	242	55.4	36.6	348	4.77	1.1	0.2	1.2	1.4	24.5	0.24	0.13	0.57	124	0.86
M18-LD-61	Rock	0.79	1.87	563.79	12.43	139.8	540	56.4	53.3	1049	9.12	0.2	<0.1	49.1	0.5	22.0	0.15	0.07	9.86	230	1.87
M18-LD-62	Rock	0.54	0.28	625.72	50.20	42.0	609	57.9	32.4	93	2.34	0.2	0.1	0.4	1.1	52.4	0.66	0.03	0.80	54	3.90
M18-LD-63	Rock	0.59	0.43	425.83	6.18	67.7	461	22.7	28.4	447	5.70	0.5	0.2	4.7	1.2	11.9	0.21	0.04	2.27	94	1.65
M18-LD-64	Rock	0.72	0.46	2388.78	2.87	55.7	6497	14.3	19.1	398	4.02	3.2	0.2	65.0	2.2	21.4	0.42	0.08	1.35	100	1.80
M18-LD-65	Rock	0.84	0.36	78.05	2.13	11.4	112	22.5	16.5	67	1.62	0.9	0.3	1.4	2.0	5.1	<0.01	0.06	0.24	35	0.51
M18-LD-66	Rock	0.60	0.35	341.43	2694.66	30.2	25165	24.8	11.4	108	2.11	2.4	0.2	85.8	1.0	20.9	0.27	1.10	51.90	86	1.97
M18-LD-67	Rock	1.27	1.16	5474.38	76.11	144.7	27573	54.6	104.7	477	7.91	3.3	<0.1	194.2	0.9	18.5	1.43	0.44	5.52	117	1.18
M18-LD-68	Rock	0.69	0.45	34.17	107.31	83.2	6614	77.3	201.0	243	7.47	>10000	<0.1	291.3	0.3	11.2	7.66	108.78	1.83	49	0.70
M18-LD-69	Rock	0.86	0.35	795.66	6916.41	93.6	>100000	15.4	74.8	186	6.29	>10000	<0.1	659.3	0.1	13.1	1.90	83.35	75.06	23	0.69
M18-LD-70	Rock	0.80	0.38	610.21	7642.22	152.5	>100000	27.8	193.6	212	10.78	>10000	<0.1	982.0	0.1	8.1	3.99	191.76	89.72	24	0.47
M18-LD-71	Rock	1.18	0.57	727.70	2672.68	1771.1	49741	89.4	450.0	186	21.04	>10000	<0.1	794.7	<0.1	7.8	59.61	194.97	20.06	18	0.80
M18-LD-72	Rock	1.07	0.38	1120.97	194.11	78.1	15901	17.4	36.4	245	3.83	9572.9	<0.1	178.4	0.6	11.1	1.35	12.97	3.04	115	0.97

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
NDM-WK-439	Rock	0.018	2.0	9.3	1.27	35.4	0.218	2	1.57	0.032	0.10	16.1	6.6	0.12	0.49	7	0.5	0.13	6.0	5329	
NDM-WK-440	Rock	0.024	2.4	6.2	1.74	14.2	0.357	1	2.46	0.058	0.11	25.2	13.4	0.12	0.50	9	0.8	0.16	11.5	1445	
NDM-WK-441	Rock	0.016	2.0	8.1	1.14	26.3	0.269	10	1.51	0.016	0.09	5.7	10.5	0.04	0.45	9	0.2	0.09	7.0	2882	
NDM-WK-442	Rock	0.022	3.2	3.5	0.60	25.2	0.221	4	1.12	0.080	0.12	9.7	8.1	0.07	0.56	7	0.7	0.13	4.9	1143	
NDM-WK-443	Rock	0.038	6.1	55.6	1.03	94.1	0.159	3	1.48	0.206	0.30	0.1	11.7	0.17	0.57	<5	1.4	0.19	6.8		
NDM-WK-444	Rock	0.049	10.2	51.6	1.09	23.8	0.112	3	1.47	0.212	0.18	<0.1	12.8	0.08	1.91	<5	2.8	0.33	6.5		
NDM-WK-445	Rock	0.013	2.6	8.7	0.29	4.6	0.021	<1	0.35	0.057	0.07	<0.1	0.6	0.05	0.19	<5	0.6	<0.02	7.3		
NDM-WK-446	Rock	0.023	3.1	4.5	0.71	7.1	0.029	1	0.63	0.064	0.06	<0.1	0.8	0.03	0.24	<5	3.4	0.23	5.0		
NDM-WK-447	Rock	0.007	1.7	11.3	0.42	20.3	0.017	2	0.70	0.009	0.12	0.6	1.8	0.08	0.06	<5	<0.1	0.04	3.4		
NDM-WK-448	Rock	0.044	2.1	40.4	0.67	21.8	0.085	7	1.97	0.087	0.22	0.8	5.3	0.20	0.36	8	4.5	<0.02	6.0		
NDM-WK-449	Rock	0.051	3.3	72.0	1.41	101.7	0.193	4	2.52	0.095	0.37	0.6	17.2	0.14	0.16	<5	1.1	0.56	9.8		
NDM-WK-450	Rock	0.042	5.9	50.7	1.06	10.7	0.144	4	1.90	0.070	0.16	>100	8.2	0.07	1.48	*	3.7	0.13	7.5		
NDM-WK-451	Rock	0.018	7.1	202.9	1.61	58.6	0.159	2	2.10	0.036	0.26	0.2	12.2	0.31	0.39	<5	4.9	0.33	16.8		
NDM-WK-452	Rock	0.029	8.1	198.5	1.07	16.8	0.112	14	2.38	0.095	0.17	0.6	11.3	0.06	0.35	<5	0.2	<0.02	5.2		
NDM-WK-453	Rock	0.025	4.1	9.5	0.36	38.3	0.087	25	1.61	0.045	0.20	>100	3.2	0.09	0.55	*	4.4	0.54	3.3		
NDM-WK-454	Rock	0.029	2.2	48.0	0.61	23.4	0.075	3	1.99	0.301	0.11	2.4	9.6	0.07	0.09	40	0.9	0.13	5.6		
NDM-WK-455	Rock	0.022	10.5	101.2	0.74	72.6	0.045	3	1.48	0.043	0.26	4.0	5.9	0.30	0.41	<5	8.5	0.91	9.5		
M18-LD-60	Rock	0.072	7.5	34.6	1.16	9.3	0.104	3	2.17	0.048	0.48	0.3	10.2	0.86	0.41	8	0.4	0.03	6.5		
M18-LD-61	Rock	0.049	4.2	64.0	2.71	108.9	0.300	7	3.73	0.147	2.19	>100	19.3	2.93	2.13	*	2.7	0.65	18.5		
M18-LD-62	Rock	0.075	8.3	23.6	0.17	12.9	0.093	8	5.39	0.379	0.12	1.8	7.3	0.02	0.95	<5	1.1	0.04	13.8		
M18-LD-63	Rock	0.109	7.9	23.7	1.00	13.9	0.123	3	1.97	0.195	0.10	2.3	13.9	0.07	1.25	<5	1.4	0.05	8.0		
M18-LD-64	Rock	0.116	10.0	25.2	0.75	29.2	0.116	3	1.71	0.176	0.15	5.4	11.1	0.07	0.53	<5	2.7	0.14	6.3		
M18-LD-65	Rock	0.040	6.8	6.5	0.67	4.3	0.050	<1	1.90	0.114	0.03	0.2	2.0	<0.02	0.23	<5	0.5	<0.02	5.2		
M18-LD-66	Rock	0.048	3.0	34.6	0.43	31.9	0.070	2	3.10	0.405	0.16	11.2	7.8	0.11	0.27	7	2.3	0.14	8.2		
M18-LD-67	Rock	0.046	2.9	44.6	0.69	29.3	0.104	3	2.24	0.129	0.09	1.9	8.4	0.05	4.69	5	6.4	0.20	7.7		
M18-LD-68	Rock	0.060	1.2	3.4	0.40	53.0	0.049	<1	1.20	0.043	0.35	0.4	3.4	0.08	3.35	<5	3.4	0.21	3.8		
M18-LD-69	Rock	0.018	1.8	12.4	0.31	17.9	0.032	<1	0.76	0.022	0.09	2.9	2.8	0.02	1.75	<5	4.3	0.21	2.4		
M18-LD-70	Rock	0.013	2.6	10.6	0.33	19.1	0.034	<1	0.36	0.012	0.09	0.6	2.3	0.03	3.39	<5	5.2	0.40	1.9		
M18-LD-71	Rock	0.011	1.3	9.0	0.27	11.5	0.017	<1	0.58	0.009	0.06	0.3	1.9	<0.02	8.00	12	12.1	0.25	1.9		
M18-LD-72	Rock	0.086	4.8	10.3	0.38	34.4	0.074	<1	1.54	0.086	0.40	1.8	6.8	0.09	0.92	<5	0.6	<0.02	5.1		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
M18-LD-73	Rock	0.88	0.41	108.49	271.10	118.8	8027	37.7	87.1	468	7.58	305.1	0.1	9.3	1.0	15.7	2.17	9.20	0.64	311	2.22
M18-LD-74	Rock	1.01	0.70	485.40	757.74	>10000	8712	1.7	173.5	64	22.98	>10000	<0.1	1565.3	0.3	6.3	1019.71	861.68	1.00	17	0.05
M18-LD-75	Rock	0.94	0.95	326.29	725.87	441.7	3366	4.9	15.4	881	10.16	>10000	0.6	10.3	2.2	18.8	18.70	33.84	0.11	39	2.07
M18-LD-76	Rock	0.72	0.65	316.16	2472.47	170.4	39792	8.6	15.6	226	3.73	1437.3	0.2	209.8	1.1	6.7	8.57	537.63	7.70	19	0.72
M18-LD-77	Rock	1.13	0.40	712.17	>10000	366.9	>100000	19.2	34.3	367	3.64	9636.4	<0.1	2731.0	<0.1	15.3	121.24	>2000	78.65	19	1.45
M18-LD-78	Rock	0.79	0.79	243.07	145.58	38.2	1887	64.2	24.8	226	4.05	103.2	<0.1	15.1	0.5	11.8	0.61	46.82	0.44	107	2.13
M18-LD-79	Rock	1.15	0.17	383.27	>10000	>10000	>100000	366.1	524.4	205	30.73	>10000	<0.1	537.0	<0.1	2.1	1365.95	469.38	6.17	33	0.11
M18-LD-80	Rock	0.65	0.20	936.47	>10000	3240.0	>100000	19.1	210.9	103	16.91	>10000	<0.1	1029.5	<0.1	7.8	81.51	456.28	1.65	37	0.12
M18-LD-81	Rock	0.63	0.26	726.83	50.34	58.1	833	30.4	50.6	339	4.27	104.0	<0.1	10.2	0.6	8.2	0.75	2.33	1.48	94	1.40
M18-LD-82	Rock	0.88	1.52	61.99	40.10	13.6	422	13.7	18.3	99	0.99	114.4	0.6	4.6	4.2	10.1	0.20	0.75	0.72	7	1.87
M18-LD-83	Rock	0.90	2.85	644.58	21.67	51.6	852	18.8	34.2	579	6.91	10.6	0.3	3.4	2.0	21.6	0.13	0.75	1.49	89	2.07
M18-LD-84	Rock	0.87	0.45	121.68	20.26	35.1	381	72.8	34.7	142	4.19	24.8	0.5	6.8	3.9	173.0	0.13	0.42	0.33	31	2.14
M18-LD-85	Rock	0.97	0.33	91.28	11.88	54.4	184	52.2	33.4	579	5.16	10.1	0.1	4.5	1.0	4.9	0.26	0.49	0.28	130	1.36
M18-LD-86	Rock	0.76	0.77	285.40	3.67	10.6	837	7.3	4.9	110	0.72	4.6	<0.1	3676.6	0.1	1.5	0.08	0.74	128.15	9	0.18
M18-LD-87	Rock	0.75	3.15	465.25	8.10	76.2	293	107.0	37.3	405	5.41	9.0	1.0	10.4	5.2	19.4	0.35	0.30	1.44	72	1.02
M18-LD-88	Rock	0.74	0.47	197.79	252.77	17.8	7791	4.1	0.9	77	3.92	186.7	<0.1	141.0	0.3	3.8	0.16	5.98	16.67	31	0.11
M18-LD-89	Rock	0.93	0.22	336.08	25.34	39.4	2485	38.3	45.0	606	7.38	19.6	<0.1	12349.8	0.2	8.5	0.23	3.26	0.61	313	1.59
M18-LD-90	Rock	0.79	0.16	73.12	7.95	44.3	293	13.9	41.3	678	6.27	843.2	<0.1	498.6	0.2	5.8	0.14	0.98	0.45	201	1.90
M18-LD-91	Rock	0.68	0.13	129.73	2.19	11.3	43	33.6	40.4	196	2.85	3.9	0.7	5.8	0.6	3.4	0.02	1.54	0.05	169	0.23
M18-LD-92	Rock	0.87	0.22	113.04	1.27	25.9	45	168.8	31.0	305	11.09	3.9	0.1	<0.2	0.3	1.9	<0.01	2.91	0.12	189	0.11
M18-LD-93	Rock	0.57	0.31	237.26	1.37	10.2	77	141.4	35.9	249	12.41	3.1	0.2	1.3	0.7	1.9	<0.01	0.60	0.23	76	0.11
M18-LD-94	Rock	0.59	0.67	323.31	11.17	8.3	337	18.3	45.7	139	5.78	5.5	3.1	14.1	17.1	10.3	0.01	1.43	0.51	5	0.41
M18-LD-95	Rock	0.75	0.37	28.79	8.28	12.4	59	10.7	10.0	494	2.71	8.4	4.3	11.2	17.9	11.8	0.05	0.59	0.34	2	3.81
M18-LD-96	Rock	0.65	0.24	219.54	1.02	5.6	49	133.7	49.9	114	3.69	1.6	0.6	<0.2	0.4	2.8	0.01	0.61	0.09	147	0.09
M18-LD-97	Rock	0.93	0.11	37.78	0.62	38.2	19	88.5	19.5	679	5.43	0.9	<0.1	<0.2	0.4	1.5	<0.01	0.55	<0.02	229	0.09
M18-LD-98	Rock	1.16	0.30	184.88	28.13	27.4	892	53.5	28.3	130	2.65	1.9	0.1	6.3	1.1	23.7	0.23	0.47	1.06	100	1.56
M18-LD-99	Rock	0.73	1.21	215.47	16.43	49.7	1807	24.2	22.4	240	5.20	1.7	0.3	1.1	1.6	3.8	0.23	1.20	0.41	12	0.68
M18-LD-100	Rock	1.30	0.15	54.24	21.78	48.5	1270	62.9	29.4	911	4.53	5.3	<0.1	5.1	0.6	6.0	0.51	8.39	0.45	143	2.39
M18-LD-101	Rock	0.86	0.49	282.20	112.41	20.3	1435	43.2	29.9	114	2.69	2.7	0.1	11.9	1.2	45.1	0.30	0.70	1.89	61	2.65

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

CERTIFICATE OF ANALYSIS VAN18002008.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
M18-LD-73	Rock		0.121	5.8	33.9	1.42	44.2	0.314	2	4.84	0.092	1.48	0.4	20.3	0.35	2.08	29	0.4	<0.02	16.3		
M18-LD-74	Rock		0.093	4.5	1.7	0.02	29.9	0.138	<1	0.22	0.009	0.47	0.5	7.1	0.11	5.23	40224	2.0	<0.02	5.2	1209	
M18-LD-75	Rock		0.325	13.3	4.4	2.17	100.4	0.163	1	5.54	0.246	2.37	0.7	29.5	0.48	1.51	248	0.2	<0.02	23.9		
M18-LD-76	Rock		0.176	4.3	5.2	0.44	19.4	0.094	2	1.44	0.053	0.36	0.1	8.0	0.08	0.98	321	0.2	<0.02	6.5		
M18-LD-77	Rock		0.044	<0.5	14.8	0.25	12.8	0.071	2	1.30	0.016	0.07	1.7	1.4	0.08	3.18	632	5.5	0.13	3.7	2533	
M18-LD-78	Rock		0.026	3.0	104.8	1.16	24.4	0.084	2	3.75	0.108	0.21	<0.1	6.6	0.08	0.84	19	0.9	0.16	8.5		
M18-LD-79	Rock		0.007	1.7	12.3	0.18	10.6	0.027	<1	0.54	0.011	0.09	0.2	2.3	0.05	>10	11413	1.1	0.09	2.6		
M18-LD-80	Rock		0.010	1.9	19.5	0.13	29.5	0.050	<1	0.37	0.023	0.11	0.2	4.0	0.06	3.72	3901	0.6	0.03	3.0	746	
M18-LD-81	Rock		0.083	4.5	8.5	0.55	8.6	0.179	<1	1.08	0.154	0.08	2.7	8.8	0.03	1.64	24	3.3	0.06	4.2		
M18-LD-82	Rock		0.006	9.4	7.4	0.32	9.4	0.020	1	2.63	0.175	0.01	0.1	1.4	<0.02	0.20	16	0.3	0.07	6.0		
M18-LD-83	Rock		0.226	11.1	12.7	1.14	25.0	0.252	6	2.37	0.166	0.14	0.7	15.6	0.23	0.95	<5	5.4	0.07	9.3		
M18-LD-84	Rock		0.111	24.0	25.5	0.40	12.8	0.069	5	2.97	0.445	0.06	<0.1	3.8	0.05	1.97	24	1.0	0.06	6.0		
M18-LD-85	Rock		0.062	6.1	46.0	1.17	37.0	0.302	<1	1.78	0.118	0.40	0.7	9.1	0.21	0.46	13	<0.1	<0.02	7.4		
M18-LD-86	Rock		0.005	0.5	9.5	0.21	6.1	0.018	2	0.25	0.023	0.02	8.8	1.1	<0.02	0.03	6	1.3	14.20	0.9	4026	
M18-LD-87	Rock		0.021	12.4	86.5	0.70	89.4	0.153	6	1.78	0.032	0.43	0.5	8.8	0.41	2.29	<5	4.4	0.18	6.6		
M18-LD-88	Rock		0.010	0.8	44.2	0.25	22.2	0.039	<1	0.31	0.007	0.10	8.6	1.7	0.19	0.14	17	0.3	0.08	2.4		
M18-LD-89	Rock		0.017	1.6	12.1	1.33	25.3	0.326	3	1.78	0.065	0.16	16.9	11.6	0.12	2.05	32	2.5	0.30	8.3	>10000	11.1
M18-LD-90	Rock		0.038	2.2	2.4	1.04	40.8	0.313	4	1.76	0.106	0.55	12.3	13.2	0.24	1.18	<5	1.5	0.12	7.8		
M18-LD-91	Rock		0.038	6.4	120.7	0.76	51.8	0.078	2	0.79	0.099	0.16	0.2	5.5	0.07	0.98	<5	0.7	0.11	3.4		
M18-LD-92	Rock		0.020	2.6	289.8	2.48	48.0	0.185	2	2.31	0.089	1.56	0.1	32.8	1.03	2.25	<5	0.1	0.03	9.9		
M18-LD-93	Rock		0.009	3.0	100.5	0.72	34.3	0.041	1	0.78	0.062	0.23	<0.1	3.4	0.22	4.10	8	0.7	0.10	6.3		
M18-LD-94	Rock		0.006	6.6	1.8	0.50	18.9	0.028	3	0.66	0.010	0.11	0.6	0.5	0.15	3.10	<5	4.6	0.15	4.0		
M18-LD-95	Rock		0.007	23.4	1.0	0.46	14.0	0.026	7	0.49	0.006	0.10	0.5	0.3	0.16	1.81	<5	0.1	0.05	1.7		
M18-LD-96	Rock		0.019	2.3	255.9	0.31	15.8	0.051	1	0.42	0.074	0.09	<0.1	3.5	0.10	1.15	<5	0.6	0.10	3.7		
M18-LD-97	Rock		0.027	2.1	359.8	2.92	90.7	0.097	4	2.97	0.043	0.62	<0.1	30.9	0.56	0.24	<5	<0.1	0.02	10.4		
M18-LD-98	Rock		0.178	8.2	44.7	0.59	33.8	0.112	15	1.71	0.038	0.23	1.1	5.3	0.18	0.92	<5	0.5	0.03	6.1		
M18-LD-99	Rock		0.251	11.4	4.2	0.39	34.4	0.059	5	0.81	0.069	0.12	1.8	4.8	0.11	3.35	<5	0.3	<0.02	4.8		
M18-LD-100	Rock		0.049	3.9	92.1	1.05	14.4	0.290	3	2.79	0.039	0.56	3.6	11.3	0.30	1.03	<5	<0.1	<0.02	7.1		
M18-LD-101	Rock		0.177	11.5	12.2	0.29	22.5	0.086	5	3.78	0.311	0.21	23.4	4.5	0.29	1.18	13	0.6	0.02	12.5		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
NDM-WK-384	Rock	0.78	0.79	50.25	6.91	126.6	151	25.7	60.5	1000	12.65	96.8	0.4	65.9	2.2	42.9	<0.01	0.22	8.75	187	1.10
REP NDM-WK-384	QC		0.82	48.25	6.88	120.1	154	25.6	59.8	1000	12.44	96.1	0.5	72.1	2.3	42.2	<0.01	0.22	8.65	184	1.06
NDM-WK-396	Rock	0.72	0.46	103.25	5667.37	170.0	74299	17.7	5.7	397	2.34	64.0	<0.1	680.8	0.1	7.6	5.63	33.33	45.92	71	1.05
REP NDM-WK-396	QC		0.42	105.03	5806.24	172.7	74777	17.7	5.6	394	2.38	62.8	<0.1	465.3	0.1	7.7	5.38	33.29	45.90	71	1.08
NDM-WK-397	Rock	0.68	0.25	100.85	401.53	413.1	>100000	3.1	4.1	88	3.35	>10000	<0.1	1400.6	<0.1	2.1	17.20	94.60	2.40	3	0.13
REP NDM-WK-397	QC																				
NDM-WK-452	Rock	0.65	0.13	143.90	21.21	49.1	142	36.1	13.5	485	2.77	5.7	0.2	0.5	1.5	22.3	0.28	0.24	0.51	78	1.85
REP NDM-WK-452	QC		0.12	147.92	20.99	50.2	139	36.9	13.5	487	2.88	5.3	0.2	<0.2	1.5	22.0	0.28	0.26	0.49	82	1.94
M18-LD-68	Rock	0.69	0.45	34.17	107.31	83.2	6614	77.3	201.0	243	7.47	>10000	<0.1	291.3	0.3	11.2	7.66	108.78	1.83	49	0.70
REP M18-LD-68	QC		0.42	35.88	110.75	83.7	6484	74.2	209.0	240	7.27	>10000	<0.1	270.9	0.2	12.5	7.48	110.91	1.83	48	0.69
M18-LD-88	Rock	0.74	0.47	197.79	252.77	17.8	7791	4.1	0.9	77	3.92	186.7	<0.1	141.0	0.3	3.8	0.16	5.98	16.67	31	0.11
REP M18-LD-88	QC		0.41	198.73	241.28	19.4	8148	3.9	0.9	74	4.00	180.2	<0.1	161.1	0.2	3.7	0.17	5.86	15.45	32	0.11
M18-LD-89	Rock	0.93	0.22	336.08	25.34	39.4	2485	38.3	45.0	606	7.38	19.6	<0.1	12349.8	0.2	8.5	0.23	3.26	0.61	313	1.59
REP M18-LD-89	QC																				
Core Reject Duplicates																					
NDM-WK-405	Rock	0.71	0.42	867.79	>10000	>10000	>100000	45.8	18.7	245	8.30	96.0	<0.1	3250.1	0.1	4.3	888.42	287.94	18.92	17	0.54
DUP NDM-WK-405	QC		0.44	898.52	>10000	>10000	>100000	47.3	19.6	250	8.22	91.2	<0.1	1895.3	<0.1	4.0	881.76	286.84	19.18	16	0.54
NDM-WK-438	Rock	0.66	0.22	201.25	3.85	22.2	75	6.1	12.0	327	2.99	5.1	0.2	3.8	3.1	6.6	0.07	0.39	0.08	63	0.72
DUP NDM-WK-438	QC		0.18	209.84	4.23	22.5	77	6.0	11.3	316	3.07	5.4	0.2	5.9	3.0	6.6	0.05	0.38	0.07	64	0.73
M18-LD-76	Rock	0.72	0.65	316.16	2472.47	170.4	39792	8.6	15.6	226	3.73	1437.3	0.2	209.8	1.1	6.7	8.57	537.63	7.70	19	0.72
DUP M18-LD-76	QC		0.68	342.90	2592.57	185.0	42402	8.2	16.9	240	3.85	1686.2	0.2	223.5	1.1	7.0	9.18	542.30	8.06	20	0.75
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard		13.56	135.46	134.41	324.5	1757	77.4	12.7	1007	3.06	42.6	2.8	72.9	8.2	69.4	2.43	9.85	12.64	46	1.03
STD DS11	Standard		13.68	144.22	144.23	345.4	1864	72.7	13.0	985	3.06	45.6	2.8	95.5	8.2	71.8	2.71	7.83	12.54	46	1.01
STD DS11	Standard		13.98	140.76	138.24	331.8	1726	71.9	12.7	1004	3.07	42.8	2.8	76.4	8.1	71.1	2.42	9.59	12.68	46	1.04
STD DS11	Standard		14.57	146.63	143.97	330.9	1761	78.9	13.5	1062	3.31	44.7	2.8	87.6	8.5	74.3	2.50	8.31	12.99	50	1.11
STD DS11	Standard		15.36	151.31	137.33	352.4	1771	84.7	14.0	1052	3.26	43.1	2.9	74.6	8.5	77.6	2.36	9.17	12.33	53	1.10

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
NDM-WK-384	Rock		0.059	7.1	8.6	1.56	12.1	0.183	7	2.15	0.009	0.05	1.3	8.9	0.03	1.81	6	0.5	0.07	12.5		
REP NDM-WK-384	QC		0.058	7.2	8.7	1.54	11.5	0.172	7	2.10	0.010	0.05	1.2	8.5	0.03	1.84	<5	0.2	0.06	12.4		
NDM-WK-396	Rock		0.012	1.2	46.2	0.71	22.8	0.141	4	1.46	0.032	0.37	0.4	6.1	0.12	0.57	<5	1.2	0.67	3.9		
REP NDM-WK-396	QC		0.012	1.2	45.6	0.72	23.5	0.139	4	1.48	0.033	0.37	0.4	6.3	0.14	0.58	8	1.2	0.69	4.2		
NDM-WK-397	Rock		0.003	0.7	3.6	0.18	17.8	0.002	<1	0.09	0.003	0.03	<0.1	0.5	<0.02	0.57	215	0.5	0.07	0.4	1308	
REP NDM-WK-397	QC																				1503	
NDM-WK-452	Rock		0.029	8.1	198.5	1.07	16.8	0.112	14	2.38	0.095	0.17	0.6	11.3	0.06	0.35	<5	0.2	<0.02	5.2		
REP NDM-WK-452	QC		0.030	8.0	197.6	1.10	16.1	0.119	13	2.46	0.098	0.17	0.6	11.4	0.07	0.35	<5	<0.1	0.03	5.4		
M18-LD-68	Rock		0.060	1.2	3.4	0.40	53.0	0.049	<1	1.20	0.043	0.35	0.4	3.4	0.08	3.35	<5	3.4	0.21	3.8		
REP M18-LD-68	QC		0.057	1.3	3.5	0.39	50.0	0.049	<1	1.18	0.042	0.34	0.4	3.6	0.09	3.32	5	3.3	0.22	3.7		
M18-LD-88	Rock		0.010	0.8	44.2	0.25	22.2	0.039	<1	0.31	0.007	0.10	8.6	1.7	0.19	0.14	17	0.3	0.08	2.4		
REP M18-LD-88	QC		0.009	0.8	44.4	0.25	21.2	0.039	1	0.32	0.008	0.10	9.0	1.7	0.19	0.14	7	0.3	0.06	2.4		
M18-LD-89	Rock		0.017	1.6	12.1	1.33	25.3	0.326	3	1.78	0.065	0.16	16.9	11.6	0.12	2.05	32	2.5	0.30	8.3	>10000	11.1
REP M18-LD-89	QC																					10.1
Core Reject Duplicates																						
NDM-WK-405	Rock		0.009	2.4	10.1	0.26	9.9	0.037	<1	0.60	0.008	0.04	0.2	1.3	0.05	7.74	4791	1.9	0.67	1.8	2288	
DUP NDM-WK-405	QC		0.007	2.3	9.9	0.26	9.3	0.037	<1	0.58	0.007	0.04	0.2	1.4	0.04	7.74	4863	2.0	0.63	1.8	3480	
NDM-WK-438	Rock		0.040	5.4	2.5	0.57	17.8	0.075	8	1.01	0.085	0.07	0.2	6.8	<0.02	0.20	<5	0.2	<0.02	4.7		
DUP NDM-WK-438	QC		0.044	5.4	2.6	0.58	17.6	0.074	8	1.01	0.086	0.07	0.2	7.2	<0.02	0.19	6	0.1	0.02	4.8		
M18-LD-76	Rock		0.176	4.3	5.2	0.44	19.4	0.094	2	1.44	0.053	0.36	0.1	8.0	0.08	0.98	321	0.2	<0.02	6.5		
DUP M18-LD-76	QC		0.181	4.5	5.4	0.46	20.5	0.097	2	1.49	0.056	0.37	0.3	8.8	0.09	1.01	410	0.6	<0.02	6.9		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.073	18.6	53.7	0.81	368.7	0.090	8	1.12	0.071	0.39	3.1	3.2	4.77	0.26	279	1.8	4.72	5.0		
STD DS11	Standard		0.071	18.5	54.9	0.82	362.2	0.087	6	1.13	0.071	0.39	3.0	3.2	4.99	0.26	259	2.0	4.68	5.0		
STD DS11	Standard		0.070	19.2	53.9	0.81	382.9	0.091	7	1.12	0.071	0.40	3.0	2.9	4.82	0.26	262	1.9	4.50	4.9		
STD DS11	Standard		0.071	21.1	59.1	0.86	393.9	0.106	9	1.25	0.076	0.42	3.0	3.5	5.02	0.28	279	2.2	4.54	5.0		
STD DS11	Standard		0.072	20.5	62.0	0.86	383.1	0.109	8	1.27	0.080	0.42	3.0	3.5	5.02	0.28	262	2.1	4.78	5.3		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD DS11	Standard		13.95	152.98	139.17	317.0	1743	74.7	13.6	1029	3.04	42.1	2.6	80.5	7.6	62.8	2.32	8.11	12.33	49	1.01
STD OXC129	Standard		1.17	24.10	6.36	39.9	10	72.5	18.1	414	2.95	0.7	0.7	196.3	1.9	190.6	<0.01	0.04	<0.02	49	0.68
STD OXC129	Standard		1.25	25.64	4.30	44.9	51	77.8	19.2	420	3.04	<0.1	0.8	196.1	2.2	200.5	0.10	0.08	<0.02	51	0.69
STD OXC129	Standard		1.17	24.92	6.41	40.1	10	70.3	18.3	403	2.93	0.4	0.7	191.0	2.0	195.1	<0.01	0.03	<0.02	48	0.69
STD OXC129	Standard		1.29	27.86	7.12	39.2	20	82.6	21.0	434	3.24	7.8	0.8	208.4	2.2	217.4	0.01	0.03	0.02	54	0.79
STD OXC129	Standard		1.36	27.80	6.43	41.8	18	84.5	20.5	433	3.17	0.6	0.8	202.6	2.1	212.6	<0.01	0.03	<0.02	56	0.80
STD OXC129	Standard		1.29	24.93	5.91	35.2	12	79.9	18.9	406	3.01	0.4	0.7	202.0	1.9	185.9	<0.01	0.03	0.03	52	0.62
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXC145 Expected																					
STD OXH139 Expected																					
BLK	Blank		<0.01	0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.04	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.03	0.04	0.2	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON

Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		P	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**B**	**Al**	**Na**	**K**	**W**	**Sc**	**Tl**	**S**	**Hg**	**Se**	**Te**	**Ga**	**Au**	**Au**
		%	**ppm**	**ppm**	**%**	**ppm**	**%**	**ppm**	**%**	**%**	**%**	**ppm**	**ppm**	**ppm**	**%**	**ppb**	**ppm**	**ppm**	**ppm**	**ppb**	**gm/t**
		0.001	**0.5**	**0.5**	**0.01**	**0.5**	**0.001**	**1**	**0.01**	**0.001**	**0.01**	**0.1**	**0.1**	**0.02**	**0.02**	**5**	**0.1**	**0.02**	**0.1**	**2**	**0.9**
STD DS11	Standard	0.072	16.9	58.0	0.83	344.8	0.085	8	1.09	0.069	0.39	3.2	3.3	5.01	0.27	262	2.3	4.87	4.6		
STD OXC129	Standard	0.096	13.1	47.7	1.42	50.3	0.389	<1	1.52	0.576	0.35	<0.1	1.0	0.04	<0.02	<5	<0.1	<0.02	5.1		
STD OXC129	Standard	0.104	13.5	50.5	1.51	53.9	0.411	<1	1.60	0.605	0.38	0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.6		
STD OXC129	Standard	0.093	12.8	46.3	1.42	50.4	0.387	<1	1.56	0.586	0.35	<0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.5		
STD OXC129	Standard	0.112	13.4	53.9	1.56	55.3	0.448	<1	1.74	0.626	0.38	0.2	1.1	0.03	<0.02	<5	<0.1	<0.02	5.8		
STD OXC129	Standard	0.109	13.3	56.4	1.60	53.2	0.456	1	1.74	0.626	0.38	0.3	1.3	0.04	<0.02	<5	<0.1	<0.02	5.9		
STD OXC129	Standard	0.102	11.8	52.6	1.51	47.4	0.403	<1	1.52	0.576	0.36	<0.1	0.6	0.03	<0.02	<5	<0.1	<0.02	5.3		
STD OXC145	Standard																			219	
STD OXC145	Standard																			208	
STD OXC145	Standard																			200	
STD OXH139	Standard																			1305	
STD OXH139	Standard																			1286	
STD OXH139	Standard																			1273	
STD OXH139	Standard																			1240	
STD OXQ114	Standard																				34.8
STD SP49	Standard																				18.1
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD AGPROOF Expected																					0
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
STD OXC145 Expected																				212	
STD OXH139 Expected																				1312	
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			4	
BLK	Blank																			4	
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

		WGHT Wgt kg 0.01	AQ251 Mo ppm 0.01	AQ251 Cu ppm 0.01	AQ251 Pb ppm 0.01	AQ251 Zn ppm 0.1	AQ251 Ag ppb 2	AQ251 Ni ppm 0.1	AQ251 Co ppm 0.1	AQ251 Mn ppm 1	AQ251 Fe % 0.01	AQ251 As ppm 0.1	AQ251 U ppm 0.1	AQ251 Au ppb 0.2	AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 1	AQ251 Ca % 0.01
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
ROCK-VAN	Prep Blank		1.00	1.56	1.35	28.0	6	0.6	3.5	485	1.80	1.5	0.5	5.1	2.5	23.7	0.04	0.07	0.04	22	0.61
ROCK-VAN	Prep Blank		0.97	1.59	1.11	29.5	10	0.8	3.1	481	1.78	0.9	0.5	2.4	2.4	21.2	<0.01	<0.02	<0.02	20	0.56

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 10, 2018

QUALITY CONTROL REPORT VAN18002008.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
BLK	Blank																			3	
BLK	Blank																			3	
BLK	Blank																			9	
BLK	Blank																				<0.9
BLK	Blank																			3	
BLK	Blank																			4	
Prep Wash																					
ROCK-VAN	Prep Blank	0.043	6.8	3.1	0.40	58.9	0.069	3	0.79	0.085	0.08	<0.1	2.9	<0.02	<0.02	<5	<0.1	<0.02	4.0		
ROCK-VAN	Prep Blank	0.040	5.6	3.2	0.42	54.3	0.073	2	0.86	0.101	0.08	<0.1	2.7	<0.02	<0.02	6	<0.1	<0.02	3.5		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: August 13, 2018
Report Date: September 19, 2018
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN18002104.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-06
P.O. Number
Number of Samples: 36

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	33	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	3	Sort, label and box pulps			VAN
AQ251	36	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	3	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

CERTIFICATE OF ANALYSIS VAN18002104.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195613	Rock	0.54	2.18	12.67	4.04	86.1	30	84.1	24.4	441	4.70	64.3	1.1	1.3	5.1	7.1	0.05	0.16	0.20	128	0.19
3195614	Rock	0.54	0.12	20.97	0.91	25.7	72	18.0	10.5	126	2.22	11.4	0.3	1.2	3.0	9.6	0.02	0.16	0.02	82	0.57
3195615	Rock	0.34	0.23	40.68	0.95	26.5	38	31.4	13.2	100	1.22	3.4	0.3	2.8	4.0	7.1	0.03	0.21	0.03	69	0.43
3195616	Rock	0.66	0.85	36.18	4.94	13.8	3898	4.5	1.4	65	2.03	21.9	0.6	16155.4	3.9	7.2	<0.01	0.10	0.28	57	0.06
3195617	Rock	0.73	0.26	55.16	0.31	20.2	27	99.9	26.6	373	4.44	8.4	0.2	12.5	1.8	8.7	0.02	0.06	<0.02	92	0.92
3195618	Rock	0.79	1.41	39.30	2.78	36.1	75	56.4	19.1	200	3.24	2.0	1.0	6.1	4.2	10.9	0.03	0.02	0.26	97	0.12
3195619	Rock	1.05	2.27	129.92	75.38	112.3	106	21.2	11.6	247	2.53	26.9	1.3	2.0	14.6	14.5	0.25	0.20	0.24	44	0.28
3195620	Rock Pulp	0.04	30.94	2105.38	342.31	695.4	6410	193.4	13.4	504	3.49	42.4	0.8	10992.2	2.6	72.0	3.78	5.71	0.81	94	1.10
3195621	Rock	0.69	0.41	74.82	1.05	25.7	39	64.1	27.3	369	3.32	4.7	0.2	3.3	1.1	19.1	0.02	0.10	<0.02	72	1.01
3195622	Rock	1.15	0.09	50.80	2.54	83.3	53	62.4	19.7	270	3.60	1.3	0.2	5.0	2.4	20.6	0.16	0.11	<0.02	78	1.28
3195623	Rock	1.01	0.09	79.52	0.68	72.1	59	48.9	28.6	799	5.23	3.8	<0.1	5.7	0.5	39.6	0.05	0.27	0.03	157	2.33
3195624	Rock	0.46	0.75	6.33	17.70	41.5	10	1.6	1.0	818	1.03	1.3	5.2	4.4	17.6	9.3	0.08	0.34	0.35	1	1.67
3195625	Rock	0.77	0.11	143.14	5.25	88.8	57	89.8	35.9	693	3.76	8.0	<0.1	2.0	0.2	10.4	0.19	0.74	<0.02	147	1.35
3195626	Rock	0.46	0.38	77.93	0.90	32.4	25	1596.8	138.1	881	7.14	0.7	0.1	8.1	0.2	20.6	0.06	0.82	<0.02	82	1.04
3195627	Rock	0.86	0.12	200.63	2.28	74.8	111	1018.3	113.1	459	7.17	1.5	<0.1	1.3	<0.1	24.1	0.05	0.91	0.10	68	1.02
3195628	Rock	0.56	0.10	339.06	1.18	23.1	189	986.3	102.3	1395	8.05	1.6	<0.1	17.4	0.2	12.8	0.06	0.94	<0.02	244	0.46
3195629	Rock	1.80	0.18	33.24	2.06	38.6	146	52.4	19.0	250	2.99	9.6	0.3	2.3	2.4	15.6	0.06	0.46	<0.02	62	1.07
3195630	Rock Pulp	0.04	2.30	83.38	3.32	37.0	106	5.4	7.7	364	2.80	0.8	0.8	<0.2	2.5	69.1	0.06	0.10	0.04	98	0.91
3195631	Rock	1.44	0.32	68.17	3.54	42.8	132	76.9	22.2	193	3.04	158.0	0.7	<0.2	7.0	13.8	0.02	0.25	<0.02	84	0.49
3195632	Rock	1.17	0.25	29.63	9.65	65.4	216	84.0	24.2	237	3.86	91.0	0.5	2.2	4.6	5.2	0.08	0.25	<0.02	114	0.38
3195633	Rock	1.30	1.96	50.09	113.78	148.1	824	65.5	14.5	216	3.74	3577.8	0.7	400.3	4.2	15.5	0.37	2.37	1.08	78	0.54
3195634	Rock	0.89	0.05	61.33	16.41	82.1	270	47.4	20.6	214	2.21	205.4	0.8	38.9	7.2	30.0	0.34	0.97	0.03	59	2.21
3195635	Rock	1.34	0.60	445.70	1382.97	1440.5	13743	33.3	17.4	135	1.94	5605.7	0.2	3699.6	1.8	47.1	15.37	11.43	5.09	36	1.02
3195636	Rock	0.82	0.08	7.72	2.64	43.5	42	197.3	34.0	327	3.84	237.7	<0.1	4.3	0.8	35.8	0.06	0.66	<0.02	35	0.79
3195637	Rock	1.28	0.06	26.22	7.44	38.4	221	246.4	44.8	269	2.70	427.1	0.1	33.6	1.2	59.7	0.07	1.36	0.04	37	1.03
3195638	Rock	0.99	0.08	4.79	1.83	41.8	27	289.7	48.1	331	3.83	442.1	0.1	6.0	0.9	43.3	<0.01	0.87	<0.02	46	1.00
3195639	Rock	0.82	0.51	0.89	1.96	55.0	12	45.4	19.3	246	2.85	46.4	0.4	<0.2	3.1	10.4	0.04	0.20	<0.02	48	0.62
3195640	Rock Pulp	0.04	2.16	90.01	3.58	32.2	116	4.4	8.4	367	2.58	0.8	0.8	9.6	2.3	72.5	0.05	0.14	0.08	95	0.94
3195641	Rock	1.01	0.24	1.79	1.64	48.4	14	41.4	22.3	284	2.88	33.1	0.5	<0.2	4.0	13.0	0.03	0.28	0.02	54	0.83
3195642	Rock	1.40	3.03	35.14	6.56	72.6	197	41.9	25.5	406	5.09	9466.7	0.4	466.2	4.2	18.4	0.07	4.03	0.17	136	0.83

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

CERTIFICATE OF ANALYSIS VAN18002104.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195613	Rock	0.068	22.3	182.4	2.02	315.1	0.135	3	3.22	0.072	1.37	0.1	13.8	0.31	<0.02	<5	<0.1	0.03	13.1		
3195614	Rock	0.091	10.2	42.9	0.69	404.7	0.094	1	1.03	0.119	0.45	<0.1	7.0	0.19	<0.02	<5	<0.1	<0.02	3.8		
3195615	Rock	0.110	20.3	29.4	0.63	201.2	0.091	1	0.80	0.133	0.28	0.2	4.2	0.10	<0.02	6	<0.1	<0.02	3.1		
3195616	Rock	0.006	5.5	86.2	0.23	26.7	0.128	<1	0.39	0.076	0.14	1.0	3.2	0.07	0.10	7	<0.1	0.44	3.7	>10000	14.9
3195617	Rock	0.079	9.7	56.1	2.45	17.4	0.082	4	2.61	0.131	0.09	<0.1	7.7	<0.02	<0.02	<5	<0.1	<0.02	7.4		
3195618	Rock	0.043	14.2	149.2	1.22	354.2	0.110	3	2.54	0.092	1.08	<0.1	13.2	0.28	0.06	<5	<0.1	0.02	9.3		
3195619	Rock	0.074	32.6	16.7	0.91	75.7	0.043	2	1.45	0.146	0.19	<0.1	4.4	0.05	0.39	<5	<0.1	0.04	7.9		
3195620	Rock Pulp	0.047	6.4	35.1	0.98	153.2	0.120	2	1.89	0.221	0.26	4.2	3.4	0.28	0.49	273	1.9	0.26	4.9	9651	
3195621	Rock	0.031	5.2	80.8	1.79	8.7	0.083	2	2.03	0.150	0.05	0.1	7.0	<0.02	0.09	<5	<0.1	<0.02	6.3		
3195622	Rock	0.104	12.5	38.4	1.52	287.4	0.192	2	2.22	0.172	0.81	0.2	6.5	0.11	0.02	<5	<0.1	<0.02	7.1		
3195623	Rock	0.060	5.8	84.5	1.35	274.3	0.216	1	3.82	0.272	1.30	<0.1	14.3	0.05	<0.02	<5	<0.1	<0.02	10.5		
3195624	Rock	0.005	31.8	1.3	0.80	16.2	0.029	1	2.73	0.101	0.74	<0.1	2.1	0.26	0.04	7	<0.1	0.02	7.2		
3195625	Rock	0.033	2.1	132.1	1.35	5.4	0.065	3	2.48	0.198	0.04	<0.1	13.2	<0.02	0.08	6	<0.1	<0.02	6.3		
3195626	Rock	0.007	2.2	850.0	1.32	2.9	0.035	<1	3.44	0.121	0.03	<0.1	10.2	0.02	1.03	<5	0.3	0.04	6.6		
3195627	Rock	0.012	0.7	1084.2	1.98	4.0	0.021	3	3.61	0.060	0.03	<0.1	6.0	0.04	1.92	<5	1.2	0.07	6.8		
3195628	Rock	0.012	2.1	1449.0	2.58	96.9	0.082	<1	4.65	0.107	0.48	<0.1	42.4	0.29	0.09	<5	<0.1	<0.02	12.8		
3195629	Rock	0.075	18.4	88.0	1.30	58.4	0.113	2	1.54	0.120	0.31	<0.1	5.7	0.09	0.02	<5	<0.1	0.02	5.1		
3195630	Rock Pulp	0.061	6.2	9.8	0.77	114.2	0.091	<1	1.60	0.176	0.22	2.7	2.6	0.04	<0.02	<5	<0.1	<0.02	4.1		
3195631	Rock	0.070	17.5	128.2	1.30	140.9	0.141	2	1.81	0.131	0.97	0.1	10.1	0.26	0.10	<5	<0.1	0.03	6.9		
3195632	Rock	0.053	19.0	142.7	1.66	210.9	0.190	<1	2.38	0.117	1.59	0.5	15.2	0.35	0.06	<5	<0.1	<0.02	10.2		
3195633	Rock	0.092	15.6	103.1	1.25	197.0	0.164	2	2.31	0.088	1.48	23.1	9.4	0.40	0.24	<5	<0.1	0.14	9.1		
3195634	Rock	0.493	124.8	43.9	0.87	78.7	0.073	5	1.03	0.101	0.16	1.5	6.6	0.05	0.08	8	<0.1	<0.02	4.7		
3195635	Rock	0.110	14.7	39.4	0.64	85.1	0.070	2	0.99	0.106	0.15	3.8	3.7	0.05	0.45	51	1.2	0.56	3.9	2366	
3195636	Rock	0.018	5.1	152.7	2.62	88.2	0.075	3	3.55	0.180	0.50	<0.1	2.0	0.10	<0.02	<5	<0.1	<0.02	6.7		
3195637	Rock	0.039	8.2	120.6	1.61	350.1	0.138	12	2.85	0.257	1.07	0.8	2.4	0.27	0.03	<5	<0.1	<0.02	6.9		
3195638	Rock	0.043	7.3	180.6	2.44	171.0	0.116	6	3.54	0.224	1.00	<0.1	2.6	0.21	<0.02	<5	<0.1	0.02	7.4		
3195639	Rock	0.099	23.5	68.2	1.35	190.4	0.130	<1	1.80	0.099	0.84	0.1	3.9	0.15	<0.02	<5	<0.1	<0.02	6.6		
3195640	Rock Pulp	0.066	6.5	9.7	0.73	113.6	0.105	2	1.60	0.187	0.21	3.2	3.3	0.04	<0.02	5	<0.1	<0.02	4.3		
3195641	Rock	0.139	32.7	71.3	1.42	192.5	0.132	2	1.71	0.103	0.62	0.1	6.0	0.14	<0.02	<5	<0.1	<0.02	7.5		
3195642	Rock	0.161	27.6	38.1	1.44	244.1	0.150	2	2.22	0.099	1.54	4.0	8.4	0.51	0.87	11	<0.1	0.06	11.1		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

CERTIFICATE OF ANALYSIS VAN18002104.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195643	Rock	1.08	0.37	45.38	7.60	50.6	320	35.4	28.9	386	4.68	5234.3	0.5	633.7	4.9	18.5	0.03	2.59	0.09	138	1.03
3195644	Rock	1.10	0.41	14.70	3.30	47.9	86	34.6	22.6	398	3.77	456.8	0.5	21.4	4.3	17.3	0.04	0.40	<0.02	140	1.20
3195645	Rock	1.01	0.36	43.15	3.12	57.6	155	133.4	38.1	328	4.18	1811.3	0.1	205.5	0.9	23.0	0.09	1.21	0.07	66	0.71
3195646	Rock	0.65	0.18	98.44	0.84	9.9	40	105.1	29.6	153	1.76	4.1	0.1	0.3	0.9	50.8	0.01	1.04	0.03	35	1.76
3195647	Rock	2.05	0.18	67.49	2.15	17.3	40	73.3	20.2	321	1.75	2.6	0.1	<0.2	0.8	58.6	0.03	0.69	0.05	53	2.43
3195648	Rock	0.69	0.11	25.53	0.89	10.3	9	1.9	1.7	63	0.41	2.0	<0.1	<0.2	<0.1	0.8	0.01	0.24	<0.02	4	0.05

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

CERTIFICATE OF ANALYSIS VAN18002104.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195643	Rock	0.165	28.1	11.7	1.05	117.0	0.186	1	1.73	0.106	1.17	4.1	6.8	0.44	0.98	9	0.1	<0.02	9.3		
3195644	Rock	0.159	26.1	6.0	1.06	278.9	0.236	2	1.71	0.114	1.01	2.2	7.9	0.29	0.18	<5	<0.1	<0.02	8.5		
3195645	Rock	0.043	4.3	149.1	1.75	223.9	0.149	2	2.18	0.086	0.61	4.0	5.8	0.25	0.15	<5	<0.1	0.03	7.3		
3195646	Rock	0.032	4.5	38.0	0.39	28.3	0.074	<1	2.56	0.473	0.03	<0.1	4.9	0.02	0.57	<5	<0.1	0.02	4.9		
3195647	Rock	0.034	4.5	56.3	0.62	18.1	0.059	2	3.37	0.544	0.05	<0.1	6.9	<0.02	0.28	<5	<0.1	0.04	6.0		
3195648	Rock	0.002	<0.5	1.7	0.07	8.3	0.007	<1	0.07	0.007	0.01	<0.1	0.7	<0.02	<0.02	<5	<0.1	<0.02	0.3		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

QUALITY CONTROL REPORT VAN18002104.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
3195628	Rock	0.56	0.10	339.06	1.18	23.1	189	986.3	102.3	1395	8.05	1.6	<0.1	17.4	0.2	12.8	0.06	0.94	<0.02	244	0.46
REP 3195628	QC		0.11	321.72	1.18	25.4	193	986.7	111.4	1412	7.98	1.7	<0.1	16.0	0.2	12.7	0.05	0.98	<0.02	245	0.47
3195645	Rock	1.01	0.36	43.15	3.12	57.6	155	133.4	38.1	328	4.18	1811.3	0.1	205.5	0.9	23.0	0.09	1.21	0.07	66	0.71
REP 3195645	QC		0.36	42.60	3.07	59.5	140	134.9	34.2	304	4.15	1820.4	0.1	193.3	0.9	21.4	0.06	1.15	0.07	67	0.74
Core Reject Duplicates																					
3195634	Rock	0.89	0.05	61.33	16.41	82.1	270	47.4	20.6	214	2.21	205.4	0.8	38.9	7.2	30.0	0.34	0.97	0.03	59	2.21
DUP 3195634	QC		0.07	59.33	17.25	79.9	272	42.7	20.0	239	2.45	186.0	0.8	32.7	6.9	28.2	0.38	0.94	0.03	65	2.29
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard		14.09	140.92	139.88	315.7	1752	73.6	13.3	1066	3.21	44.7	2.9	85.1	7.6	74.6	2.31	7.87	11.48	52	1.09
STD DS11	Standard		13.59	140.18	132.03	333.4	1688	83.0	13.5	998	3.15	41.8	2.4	73.6	6.9	62.9	2.13	7.91	10.86	48	1.07
STD OXC129	Standard		1.24	28.04	6.33	32.6	10	76.4	22.1	435	3.10	0.7	0.7	208.7	1.9	213.8	<0.01	0.03	<0.02	51	0.76
STD OXC129	Standard		1.13	22.97	5.81	41.9	11	83.6	20.0	436	3.08	0.1	0.6	184.5	1.7	188.0	<0.01	0.03	<0.02	52	0.72
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected																					
STD OXH139 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	0.02	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.01	<0.01	<0.1	<2	0.2	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

QUALITY CONTROL REPORT VAN18002104.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																						
3195628	Rock		0.012	2.1	1449.0	2.58	96.9	0.082	<1	4.65	0.107	0.48	<0.1	42.4	0.29	0.09	<5	<0.1	<0.02	12.8		
REP 3195628	QC		0.013	2.1	1455.9	2.57	88.0	0.088	1	4.67	0.110	0.48	<0.1	41.6	0.30	0.08	<5	<0.1	<0.02	13.2		
3195645	Rock		0.043	4.3	149.1	1.75	223.9	0.149	2	2.18	0.086	0.61	4.0	5.8	0.25	0.15	<5	<0.1	0.03	7.3		
REP 3195645	QC		0.037	4.6	138.9	1.75	207.0	0.146	3	2.19	0.088	0.61	3.8	5.0	0.24	0.15	6	<0.1	0.04	7.7		
Core Reject Duplicates																						
3195634	Rock		0.493	124.8	43.9	0.87	78.7	0.073	5	1.03	0.101	0.16	1.5	6.6	0.05	0.08	8	<0.1	<0.02	4.7		
DUP 3195634	QC		0.427	123.4	39.8	0.97	85.0	0.079	5	1.13	0.123	0.19	1.3	7.0	0.05	0.08	<5	<0.1	<0.02	4.7		
Reference Materials																						
STD AGPROOF	Standard																					<0.9
STD DS11	Standard		0.067	18.7	61.0	0.85	395.8	0.093	8	1.23	0.078	0.41	3.2	3.5	4.96	0.28	222	2.0	4.63	5.9		
STD DS11	Standard		0.073	15.9	52.3	0.83	342.6	0.084	6	1.16	0.076	0.41	2.6	2.9	4.61	0.28	244	1.9	4.43	4.8		
STD OXC129	Standard		0.112	12.0	53.7	1.51	54.0	0.417	<1	1.66	0.601	0.37	<0.1	1.0	0.03	<0.02	7	<0.1	<0.02	6.2		
STD OXC129	Standard		0.101	10.9	49.9	1.51	42.8	0.391	1	1.69	0.646	0.41	<0.1	1.0	0.03	<0.02	<5	<0.1	<0.02	5.2		
STD OXC145	Standard																				219	
STD OXH139	Standard																				1305	
STD OXQ114	Standard																					35.4
STD SP49	Standard																					18.4
STD OXC129 Expected			0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected			0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXC145 Expected																					212	
STD OXH139 Expected																					1312	
STD AGPROOF Expected																						0
STD SP49 Expected																						18.34
STD OXQ114 Expected																						35.2
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	6	<0.1	<0.02	<0.1		
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	6	<0.1	<0.02	<0.1		
BLK	Blank																				4	
BLK	Blank																				4	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

QUALITY CONTROL REPORT VAN18002104.1

		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		0.62	1.94	1.57	31.3	11	2.9	4.2	489	1.79	1.1	0.5	<0.2	2.2	23.0	0.02	0.03	<0.02	22	0.61
ROCK-VAN	Prep Blank		0.54	1.50	1.43	29.6	10	1.0	3.2	451	1.72	0.9	0.4	<0.2	2.0	19.6	0.02	0.02	<0.02	22	0.60

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: September 19, 2018

QUALITY CONTROL REPORT VAN18002104.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	FA330 Au ppb 2	FA530 Au gm/t 0.9
BLK	Blank																				<0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.050	6.3	2.9	0.40	65.3	0.073	2	0.99	0.158	0.13	<0.1	3.5	<0.02	<0.02	9	<0.1	<0.02	4.0		
ROCK-VAN	Prep Blank	0.041	5.2	1.4	0.41	52.2	0.063	2	0.90	0.121	0.11	<0.1	2.7	<0.02	<0.02	8	<0.1	<0.02	3.3		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: August 27, 2018
Report Date: October 09, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN18002269.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-07
P.O. Number
Number of Samples: 24

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	23	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	1	Sort, label and box pulps			VAN
AQ251	24	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
EN002	5	Environmental disposal charge-Fire assay lead waste			VAN
FA330-Au	5	Fire assay fusion Au by ICP-ES	30	Completed	VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 09, 2018

CERTIFICATE OF ANALYSIS VAN18002269.1

Method		WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
3195037	Rock	1.40	0.21	55.99	1.25	27.3	41	29.8	14.1	329	3.18	17.5	0.3	26.8	1.5	21.8	0.02	0.07	0.08	69	0.99
3195038	Rock	0.83	0.40	77.44	0.94	26.4	62	19.5	14.9	428	3.36	8.9	0.3	38.5	1.4	7.4	<0.01	0.07	0.21	81	0.95
3195649	Rock	1.99	0.09	65.29	0.76	18.2	74	11.6	7.7	133	1.75	1.1	0.1	1.1	1.2	1.8	0.09	0.27	0.03	38	0.51
3195650	Rock Pulp	0.04	32.66	2144.45	353.11	672.7	6430	196.3	14.8	491	3.48	46.0	0.9	10375.6	3.0	86.7	4.06	6.51	0.95	98	1.12
3195651	Rock	1.40	1.18	47.09	13.91	68.4	91	13.2	9.8	359	3.31	5.1	1.3	3.5	9.5	3.8	0.05	5.79	0.17	60	0.38
3195652	Rock	1.41	0.22	157.01	9.41	25.7	652	16.5	26.7	408	4.52	115.6	<0.1	2129.6	0.5	5.5	0.12	0.54	0.33	86	1.21
3195653	Rock	0.78	0.78	4.84	1.38	42.5	18	2.4	11.5	346	3.65	4.9	0.8	0.9	8.1	28.7	<0.01	0.35	<0.02	37	1.29
3195654	Rock	1.12	0.73	130.97	4.00	40.6	146	51.1	23.5	588	3.04	8.8	1.4	25.6	4.8	7.8	0.16	0.66	0.06	70	2.23
3195655	Rock	1.74	0.09	156.99	72.08	64.7	891	69.2	25.0	448	2.72	44.9	<0.1	982.3	0.2	12.6	0.54	0.36	0.58	76	2.16
3195656	Rock	1.30	0.12	93.89	6.76	28.2	149	63.4	28.0	454	2.61	121.1	<0.1	71.4	0.1	15.4	0.17	0.38	0.03	79	2.80
NDM-WK-456	Rock	1.15	1.78	92.38	45.81	178.2	256	130.4	35.1	488	7.09	4.0	1.5	13.8	4.6	12.6	0.37	0.08	0.59	187	0.13
NDM-WK-457	Rock	0.68	0.41	80.42	2.27	25.1	55	87.1	26.9	439	3.10	1.6	<0.1	1.7	0.8	60.1	0.05	0.55	0.03	76	3.20
NDM-WK-458	Rock	0.58	0.18	130.30	1.21	24.3	62	95.3	28.9	406	3.76	0.6	0.1	0.8	0.8	44.6	0.03	0.30	0.07	80	1.62
NDM-WK-459	Rock	0.86	0.25	42.38	4.26	108.1	300	68.5	41.6	307	4.72	>10000	0.4	947.8	4.5	37.4	0.14	7.43	0.65	82	0.86
NDM-WK-460	Rock	0.68	1.70	9.11	22.48	44.8	298	2.2	20.6	202	8.65	>10000	0.3	4499.6	3.6	11.8	0.73	45.11	1.07	67	0.48
NDM-WK-461	Rock	0.48	0.54	73.50	6.63	34.8	287	1.9	19.2	238	6.27	>10000	0.3	876.0	4.7	6.6	0.21	7.53	0.25	38	0.54
NDM-WK-462	Rock	0.68	0.26	58.39	3.47	42.5	120	21.3	18.7	268	3.00	2571.4	0.5	170.4	4.6	11.0	0.06	1.27	0.06	70	0.70
NDM-WK-463	Rock	0.76	0.19	844.32	97.99	104.7	15861	100.1	43.9	503	6.72	161.2	<0.1	33518.2	<0.1	3.3	0.43	1.20	0.37	86	1.73
NDM-WK-464	Rock	0.62	0.13	217.03	42.30	10.7	1598	14.3	4.8	42	1.18	38.7	<0.1	4508.7	<0.1	0.7	0.23	0.19	0.45	2	0.11
NDM-WK-465	Rock	0.65	0.37	178.80	3.86	25.6	183	7.9	29.4	90	5.06	8.7	0.5	16.9	3.1	2.5	<0.01	1.78	0.13	198	0.21
NDM-WK-466	Rock	0.69	0.42	164.12	14.89	26.6	373	45.9	31.0	148	2.24	16.2	0.4	6.7	2.7	22.3	0.08	0.24	0.45	91	4.01
NDM-WK-467	Rock	0.83	3.99	645.75	32.10	40.8	519	>10000	1829.2	263	4.73	>10000	30.8	429.8	22.5	105.6	0.12	238.75	2.23	122	5.79
NDM-WK-468	Rock	0.61	0.09	311.76	4.31	136.0	290	287.1	75.2	554	8.46	83.9	0.6	15.4	2.4	22.0	0.18	1.59	0.10	201	1.09
NDM-WK-469	Rock	0.62	0.14	290.49	4.93	148.7	210	178.8	62.9	803	8.84	40.5	0.5	12.0	2.2	25.6	0.19	1.01	0.11	198	2.30

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 09, 2018

CERTIFICATE OF ANALYSIS VAN18002269.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
3195037	Rock	0.036	10.8	45.9	1.11	34.8	0.122	3	1.34	0.066	0.04	0.3	6.3	<0.02	0.07	<5	<0.1	<0.02	5.5		
3195038	Rock	0.043	5.9	20.2	0.96	35.6	0.134	3	1.16	0.079	0.07	0.2	7.4	<0.02	0.15	<5	0.3	<0.02	4.9		
3195649	Rock	0.082	5.2	19.1	0.58	14.2	0.035	1	0.66	0.062	0.03	<0.1	3.5	0.03	0.05	6	0.4	<0.02	2.3		
3195650	Rock Pulp	0.060	7.3	36.2	0.98	169.3	0.130	3	1.88	0.219	0.25	4.7	3.3	0.29	0.49	308	2.2	0.24	4.7	>10000	I.S.
3195651	Rock	0.039	10.9	23.3	0.60	24.7	0.057	2	1.62	0.036	0.44	0.3	4.7	0.27	0.24	17	0.7	0.09	5.1		
3195652	Rock	0.056	2.9	9.3	0.74	14.8	0.158	4	1.07	0.093	0.15	9.0	9.4	0.07	1.41	<5	1.3	0.14	5.2	2148	
3195653	Rock	0.255	39.1	0.7	0.86	296.9	0.165	3	1.66	0.094	0.69	0.3	6.9	0.17	<0.02	6	<0.1	<0.02	9.5		
3195654	Rock	0.027	9.5	74.9	0.98	73.6	0.152	<1	1.17	0.090	0.60	1.9	7.6	0.22	0.50	30	<0.1	0.04	3.8		
3195655	Rock	0.010	1.1	213.1	1.32	53.9	0.149	2	1.78	0.064	0.67	4.0	6.1	0.25	0.08	16	0.1	0.07	4.1		
3195656	Rock	0.009	1.1	154.2	1.32	45.4	0.141	1	2.04	0.109	0.81	4.3	7.3	0.28	0.08	9	<0.1	<0.02	5.0		
NDM-WK-456	Rock	0.048	14.8	182.7	2.38	398.3	0.203	6	4.87	0.040	2.28	0.2	22.0	0.57	0.22	<5	<0.1	0.04	16.6		
NDM-WK-457	Rock	0.034	5.2	101.1	0.77	181.8	0.130	5	4.68	0.471	0.47	0.2	3.7	0.20	0.94	6	0.8	0.10	9.5		
NDM-WK-458	Rock	0.035	4.0	109.1	0.67	57.7	0.086	1	2.83	0.314	0.39	<0.1	6.1	0.19	1.30	<5	1.0	0.26	6.6		
NDM-WK-459	Rock	0.109	30.2	100.2	1.67	139.8	0.085	5	2.59	0.149	0.60	5.9	5.8	0.16	0.92	<5	0.6	0.15	9.5		
NDM-WK-460	Rock	0.133	19.6	1.4	0.33	42.2	0.034	<1	0.49	0.061	0.14	32.8	8.7	0.06	3.62	<5	0.9	0.02	4.7	3711	
NDM-WK-461	Rock	0.165	17.6	2.1	0.44	105.3	0.052	<1	0.79	0.067	0.25	35.0	8.8	0.10	1.51	<5	0.3	0.03	4.8		
NDM-WK-462	Rock	0.177	33.5	63.6	1.14	167.3	0.111	2	1.51	0.052	0.48	1.9	8.5	0.13	0.10	6	<0.1	<0.02	6.0		
NDM-WK-463	Rock	0.005	0.7	163.4	1.59	2.6	0.117	<1	1.80	0.026	0.03	0.9	5.8	<0.02	2.65	266	3.0	0.14	5.1	>10000	30.5
NDM-WK-464	Rock	0.001	<0.5	3.5	0.04	1.6	0.001	<1	0.05	0.004	<0.01	0.2	0.3	<0.02	0.43	38	0.2	0.04	0.2	5969	
NDM-WK-465	Rock	0.093	11.1	1.9	1.15	44.2	0.064	<1	1.82	0.040	0.16	<0.1	5.9	0.07	0.42	9	1.0	<0.02	12.4		
NDM-WK-466	Rock	0.050	10.3	17.6	0.43	17.9	0.089	2	5.61	0.191	0.16	1.6	6.6	0.09	0.68	7	0.3	<0.02	12.8		
NDM-WK-467	Rock	2.031	245.3	4.0	0.98	15.7	0.049	14	2.00	0.034	0.07	1.8	2.4	0.97	2.43	28	10.3	2.27	7.6		
NDM-WK-468	Rock	0.106	19.3	71.1	3.56	76.6	0.053	7	4.87	0.054	0.17	<0.1	25.0	0.05	0.17	13	0.5	0.04	13.7		
NDM-WK-469	Rock	0.102	23.0	66.1	3.50	239.3	0.098	6	4.88	0.052	0.56	<0.1	21.7	0.15	0.19	10	0.6	0.03	13.7		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 09, 2018

QUALITY CONTROL REPORT VAN18002269.1

	Method	WGHT	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
NDM-WK-460	Rock	0.68	1.70	9.11	22.48	44.8	298	2.2	20.6	202	8.65	>10000	0.3	4499.6	3.6	11.8	0.73	45.11	1.07	67	0.48
REP NDM-WK-460	QC		1.74	9.03	23.23	45.9	307	2.0	21.6	197	8.73	>10000	0.3	4516.5	3.9	12.3	0.85	47.20	1.12	68	0.48
Core Reject Duplicates																					
3195651	Rock	1.40	1.18	47.09	13.91	68.4	91	13.2	9.8	359	3.31	5.1	1.3	3.5	9.5	3.8	0.05	5.79	0.17	60	0.38
DUP 3195651	QC		1.15	46.77	13.82	69.1	94	14.3	9.5	356	3.27	4.8	1.3	0.5	9.5	3.6	0.06	6.20	0.16	58	0.37
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard		14.57	150.26	139.27	346.7	1754	79.0	13.3	1061	3.13	46.8	2.7	135.4	7.9	70.9	2.56	9.27	12.42	51	1.06
STD OXC129	Standard		1.29	28.85	6.37	40.1	15	78.8	19.0	416	3.02	0.5	0.7	202.3	2.0	200.8	<0.01	0.03	<0.02	53	0.70
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXC129 Expected			1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected																					
STD OXH139 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		0.77	3.49	1.06	26.7	13	0.7	3.4	414	1.71	0.8	0.4	0.8	2.3	16.7	<0.01	0.03	0.03	23	0.50
ROCK-VAN	Prep Blank		0.85	3.54	1.10	30.8	11	0.8	3.4	450	1.82	0.8	0.4	2.7	2.3	19.1	<0.01	0.03	0.03	24	0.53

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 09, 2018

QUALITY CONTROL REPORT VAN18002269.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA330	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	gm/t
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	0.9
Pulp Duplicates																					
NDM-WK-460	Rock	0.133	19.6	1.4	0.33	42.2	0.034	<1	0.49	0.061	0.14	32.8	8.7	0.06	3.62	<5	0.9	0.02	4.7	3711	
REP NDM-WK-460	QC	0.145	20.7	1.3	0.33	42.5	0.035	1	0.50	0.065	0.14	33.6	8.6	0.06	3.63	15	0.9	<0.02	4.9		
Core Reject Duplicates																					
3195651	Rock	0.039	10.9	23.3	0.60	24.7	0.057	2	1.62	0.036	0.44	0.3	4.7	0.27	0.24	17	0.7	0.09	5.1		
DUP 3195651	QC	0.039	11.1	24.2	0.59	25.2	0.056	2	1.59	0.036	0.43	0.3	4.6	0.25	0.24	13	0.2	0.05	4.8		
Reference Materials																					
STD AGPROOF	Standard																				<0.9
STD DS11	Standard	0.075	20.1	60.3	0.86	371.4	0.093	8	1.18	0.074	0.41	3.0	3.6	5.20	0.28	269	2.2	4.87	5.2		
STD OXC129	Standard	0.105	12.9	51.5	1.51	50.1	0.390	2	1.58	0.588	0.36	<0.1	1.0	0.04	<0.02	<5	<0.1	0.02	5.4		
STD OXC145	Standard																			208	
STD OXH139	Standard																			1273	
STD OXQ114	Standard																				34.8
STD SP49	Standard																				18.1
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OXC145 Expected																				212	
STD OXH139 Expected																				1312	
STD AGPROOF Expected																					0
STD SP49 Expected																					18.34
STD OXQ114 Expected																					35.2
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			9	
BLK	Blank																				<0.9
Prep Wash																					
ROCK-VAN	Prep Blank	0.040	5.5	1.6	0.42	44.8	0.059	2	0.76	0.059	0.06	0.1	2.2	<0.02	0.04	<5	<0.1	<0.02	3.3		
ROCK-VAN	Prep Blank	0.041	5.7	2.8	0.42	46.2	0.068	2	0.81	0.069	0.07	<0.1	2.4	<0.02	0.03	10	<0.1	<0.02	3.4		

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: September 25, 2018
Report Date: October 31, 2018
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN18002641.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-09
P.O. Number
Number of Samples: 167

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	152	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	15	Sort, label and box pulps			VAN
PULSW	2	Extra Wash with Silica between each sample			VAN
FA550	26	50g Lead collection fire assay fusion - grav finish	50	Completed	VAN
EN002	167	Environmental disposal charge-Fire assay lead waste			VAN
FA330	139	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
FA530	1	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ251	166	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
MA270	1	4 Acid digestion - ICP-ES/ICP-MS analysis	0.5	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
FA330-Au	14	Fire assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
Unit		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
MDL		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195040	Rock	1.54	<20	<0.9						0.20	86.92	1.36	31.7	34	3.8	35.2	517	3.95	15.8	<0.1	<0.2
3195041	Rock	1.17	<20	<0.9						0.19	152.28	1.68	29.1	69	4.5	32.9	373	3.95	9.8	<0.1	<0.2
3195042	Rock	1.58	<20	<0.9						0.19	72.65	2.73	35.1	41	2.7	34.7	580	4.41	470.3	<0.1	16.9
3195043	Rock	1.93	<20	<0.9						0.24	60.73	3.49	36.6	40	3.9	27.7	627	6.79	11.9	<0.1	<0.2
3195044	Rock	1.25	<20	<0.9						0.30	31.73	2.67	44.5	23	5.3	25.2	682	5.61	11.7	<0.1	<0.2
3195045	Rock	1.47	<20	<0.9						0.33	78.36	2.50	45.5	45	6.4	34.1	600	4.46	18.7	<0.1	<0.2
3195046	Rock	1.75	<20	<0.9						0.30	63.76	3.82	26.7	58	3.6	28.8	556	4.11	1551.3	<0.1	257.6
3195047	Rock	1.79	<20	<0.9						0.20	100.86	2.24	26.1	42	13.8	26.1	367	3.12	167.1	<0.1	16.2
3195048	Rock	1.34	<20	<0.9						0.22	54.64	0.96	32.4	29	8.1	8.3	215	1.43	7.3	<0.1	2.7
3195049	Rock	2.41	<20	<0.9						0.17	152.22	1.24	20.4	61	15.6	18.5	297	2.12	15.3	<0.1	4.2
3195050	Rock Pulp	0.04			12	<3	7			2.21	89.38	3.39	34.6	112	4.6	8.2	344	2.43	0.7	0.8	4.7
3195051	Rock	1.46	<20	<0.9						0.24	76.36	1.95	40.6	23	6.0	25.9	518	3.75	7.8	<0.1	<0.2
3195052	Rock	1.68	<20	<0.9						0.19	37.58	2.16	32.9	17	4.9	25.1	582	4.00	11.5	<0.1	<0.2
3195053	Rock	1.21	<20	<0.9						0.22	40.47	2.38	37.4	25	3.6	26.7	627	4.56	40.4	<0.1	0.7
3195054	Rock	1.90	<20	3.5						0.23	52.07	5.20	46.6	220	4.0	34.7	491	5.17	>10000	<0.1	5958.3
3195055	Rock	1.56	<20	0.9						0.22	105.08	3.16	51.3	38	8.4	36.0	552	5.31	514.0	<0.1	193.0
3195056	Rock	1.58	<20	<0.9						0.25	159.84	2.48	39.8	71	5.6	32.6	525	4.38	50.3	<0.1	6.8
3195057	Rock	1.56	<20	<0.9						0.18	253.50	1.11	30.1	762	7.6	17.9	421	3.12	20.0	<0.1	16.7
3195058	Rock	1.74	<20	<0.9						0.20	143.68	1.92	42.3	107	18.4	23.5	448	3.14	24.4	<0.1	21.9
3195059	Rock	1.63	<20	<0.9						0.22	108.91	2.96	34.4	90	17.8	24.1	403	3.05	21.5	<0.1	3.7
3195060	Rock Pulp	0.04			>10000	33	320			33.09	2113.05	360.07	644.8	6438	196.9	15.8	494	3.44	45.2	0.8	10564.6
3195061	Rock	1.80	<20	<0.9						0.13	116.58	4.38	61.6	109	17.7	21.3	375	2.68	69.0	<0.1	11.6
3195062	Rock	1.88	<20	<0.9						0.15	156.66	7.22	47.4	115	18.4	22.5	351	2.73	99.6	<0.1	226.7
3195063	Rock	2.13	<20	<0.9						0.13	188.62	2.17	24.3	74	15.7	20.1	394	2.62	6.0	<0.1	4.7
3195064	Rock	1.06	<20	<0.9						0.16	130.72	2.11	23.0	38	14.2	19.0	564	2.68	3.7	<0.1	3.1
3195065	Rock	1.72	<20	<0.9						0.20	120.45	1.87	34.3	89	14.2	20.4	451	3.23	6.1	<0.1	2.3
3195066	Rock	1.52	<20	<0.9						0.18	90.82	8.06	39.2	266	7.9	10.7	342	2.54	11.0	<0.1	12.9
3195067	Rock	1.34	<20	<0.9						0.15	99.53	3.81	31.8	190	30.6	22.3	547	2.86	8.7	<0.1	9.1
3195658	Rock	2.15			5	<3	<2			0.21	260.69	1.03	26.3	78	23.0	21.1	311	2.74	42.3	<0.1	1.1
3195659	Rock	2.17			86	<3	<2			0.25	62.26	2.19	40.0	53	10.1	31.9	585	3.69	208.6	<0.1	30.3

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195040	Rock	0.2	11.9	0.04	0.35	<0.02	92	2.37	0.017	1.5	1.3	0.64	6.3	0.106	<1	1.69	0.219	0.02	<0.1	14.3	<0.02
3195041	Rock	0.2	4.4	0.07	0.71	<0.02	60	1.25	0.014	1.1	3.6	0.51	7.7	0.093	1	1.25	0.173	0.03	<0.1	11.7	<0.02
3195042	Rock	0.3	8.3	0.11	0.51	<0.02	81	1.93	0.022	2.1	1.2	0.59	6.6	0.059	1	1.67	0.196	0.02	0.9	14.8	<0.02
3195043	Rock	0.4	10.0	0.06	0.64	<0.02	158	2.20	0.043	3.4	1.8	0.61	18.7	0.092	2	1.51	0.193	0.03	<0.1	16.5	0.03
3195044	Rock	0.4	9.3	0.10	0.90	<0.02	181	2.28	0.050	3.8	1.3	0.90	51.6	0.102	2	1.74	0.175	0.06	0.1	16.0	0.13
3195045	Rock	0.4	9.9	0.13	0.40	<0.02	218	2.42	0.035	3.6	1.1	0.73	51.5	0.110	1	1.55	0.170	0.14	0.1	14.9	0.12
3195046	Rock	0.6	11.5	0.15	1.07	0.07	117	2.72	0.057	4.7	1.4	0.52	24.9	0.055	2	1.02	0.130	0.06	1.0	11.6	0.06
3195047	Rock	0.3	9.3	0.06	0.56	0.04	96	2.26	0.028	3.0	4.9	0.80	12.3	0.062	2	1.26	0.134	0.04	1.9	8.3	0.04
3195048	Rock	0.2	4.1	0.09	0.19	<0.02	46	0.75	0.008	1.2	4.9	0.44	6.9	0.039	1	0.67	0.054	0.03	<0.1	4.6	<0.02
3195049	Rock	0.3	15.8	0.06	0.41	<0.02	87	1.70	0.026	2.4	6.5	0.65	15.8	0.075	2	1.27	0.179	0.06	<0.1	6.6	0.04
3195050	Rock Pulp	2.4	61.9	0.05	0.12	0.04	88	0.79	0.057	6.1	9.5	0.68	113.7	0.093	<1	1.37	0.154	0.20	2.8	2.1	0.04
3195051	Rock	0.4	8.0	0.08	0.77	<0.02	141	1.97	0.039	3.7	1.3	0.67	6.1	0.103	42	1.38	0.195	0.03	<0.1	11.2	<0.02
3195052	Rock	0.5	11.4	0.09	0.40	<0.02	145	2.67	0.057	4.2	1.3	0.64	10.7	0.100	1	1.43	0.170	0.03	<0.1	14.0	0.03
3195053	Rock	0.7	8.1	0.05	0.46	<0.02	145	2.68	0.067	4.9	1.3	0.55	2.2	0.068	1	1.47	0.176	0.01	0.1	14.3	<0.02
3195054	Rock	0.7	7.9	0.13	4.73	0.10	150	1.75	0.056	5.0	1.1	0.77	25.0	0.039	<1	1.68	0.171	0.04	1.4	12.9	0.06
3195055	Rock	0.5	6.1	0.10	0.81	0.03	225	1.84	0.049	4.2	1.0	1.10	25.1	0.057	<1	2.13	0.179	0.04	5.3	16.6	0.06
3195056	Rock	0.4	5.4	0.12	0.47	0.03	188	1.91	0.042	3.2	2.1	0.89	11.5	0.095	<1	1.66	0.200	0.03	0.1	16.0	0.02
3195057	Rock	0.2	7.9	0.19	0.27	0.13	88	1.69	0.016	1.3	6.0	0.83	15.7	0.057	<1	1.44	0.136	0.03	<0.1	11.1	<0.02
3195058	Rock	0.2	7.2	0.16	0.69	<0.02	100	1.81	0.020	2.0	10.0	0.90	13.8	0.084	1	1.47	0.178	0.05	0.3	12.2	0.02
3195059	Rock	0.2	6.1	0.08	0.35	<0.02	130	1.99	0.024	2.2	6.7	0.99	34.5	0.118	2	1.50	0.134	0.16	0.3	10.1	0.08
3195060	Rock Pulp	2.9	79.7	3.79	5.69	0.85	98	1.11	0.058	6.7	35.9	0.97	165.6	0.135	3	1.86	0.219	0.25	5.0	3.1	0.27
3195061	Rock	0.3	7.3	0.22	0.36	<0.02	103	2.03	0.023	2.3	6.9	0.95	13.8	0.088	1	1.41	0.108	0.10	2.9	8.1	0.03
3195062	Rock	0.2	21.5	0.27	0.47	<0.02	114	1.99	0.024	1.5	5.8	0.96	33.3	0.079	2	1.87	0.157	0.11	4.0	7.9	0.06
3195063	Rock	0.3	20.3	0.08	0.42	0.03	150	2.29	0.019	1.9	4.8	0.73	5.1	0.101	2	1.77	0.229	0.03	<0.1	8.5	<0.02
3195064	Rock	0.3	15.9	0.07	0.30	<0.02	145	3.52	0.028	2.7	5.7	0.68	4.9	0.090	2	1.53	0.187	0.02	0.1	11.2	<0.02
3195065	Rock	0.7	10.5	0.10	0.25	<0.02	167	1.82	0.032	5.0	5.5	0.82	15.9	0.076	1	1.70	0.176	0.05	<0.1	12.4	0.04
3195066	Rock	0.2	7.0	0.20	0.26	<0.02	83	1.65	0.013	1.4	5.9	0.51	28.9	0.082	<1	0.96	0.098	0.21	7.1	6.5	0.09
3195067	Rock	0.3	18.3	0.11	0.22	<0.02	119	3.28	0.032	2.6	74.6	0.99	41.1	0.095	1	2.18	0.212	0.48	>100	11.2	0.14
3195658	Rock	0.2	23.6	0.05	0.31	0.03	164	1.57	0.022	2.1	6.6	0.68	4.4	0.055	3	1.77	0.270	0.04	0.6	6.8	<0.02
3195659	Rock	0.5	8.5	0.14	0.38	<0.02	136	2.23	0.051	3.9	3.8	0.75	21.2	0.062	<1	1.44	0.163	0.05	1.8	13.0	0.05

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
	Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195040	Rock	0.22	5	0.2	<0.02	5.8															
3195041	Rock	0.38	11	0.6	<0.02	4.4															
3195042	Rock	0.21	<5	0.2	<0.02	6.7															
3195043	Rock	0.16	6	0.4	<0.02	8.6															
3195044	Rock	0.09	7	<0.1	<0.02	7.8															
3195045	Rock	0.17	<5	0.2	<0.02	7.1															
3195046	Rock	0.37	<5	0.5	0.03	5.3															
3195047	Rock	0.18	6	0.3	<0.02	4.1															
3195048	Rock	<0.02	11	<0.1	<0.02	2.2															
3195049	Rock	0.06	9	0.1	<0.02	3.4															
3195050	Rock Pulp	<0.02	5	<0.1	<0.02	4.2															
3195051	Rock	0.19	11	0.2	<0.02	5.6															
3195052	Rock	0.11	<5	<0.1	<0.02	6.7															
3195053	Rock	0.13	<5	0.1	<0.02	7.7															
3195054	Rock	0.76	20	0.4	0.07	7.4															
3195055	Rock	0.41	10	1.1	<0.02	8.2															
3195056	Rock	0.22	11	0.6	<0.02	6.3															
3195057	Rock	0.04	26	0.7	0.13	4.5															
3195058	Rock	0.05	7	0.1	<0.02	4.3															
3195059	Rock	0.05	7	<0.1	<0.02	4.6															
3195060	Rock Pulp	0.48	286	2.2	0.27	5.0															
3195061	Rock	0.03	31	<0.1	<0.02	4.2															
3195062	Rock	0.13	7	0.3	<0.02	5.4															
3195063	Rock	0.09	13	0.2	<0.02	4.3															
3195064	Rock	0.10	<5	0.1	<0.02	4.7															
3195065	Rock	0.09	8	0.1	<0.02	6.1															
3195066	Rock	0.06	28	<0.1	<0.02	3.2															
3195067	Rock	0.03	<5	<0.1	<0.02	5.6															
3195658	Rock	0.11	13	0.1	<0.02	4.5															
3195659	Rock	0.21	<5	0.2	<0.02	5.6															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195040	Rock																				
3195041	Rock																				
3195042	Rock																				
3195043	Rock																				
3195044	Rock																				
3195045	Rock																				
3195046	Rock																				
3195047	Rock																				
3195048	Rock																				
3195049	Rock																				
3195050	Rock Pulp																				
3195051	Rock																				
3195052	Rock																				
3195053	Rock																				
3195054	Rock																				
3195055	Rock																				
3195056	Rock																				
3195057	Rock																				
3195058	Rock																				
3195059	Rock																				
3195060	Rock Pulp																				
3195061	Rock																				
3195062	Rock																				
3195063	Rock																				
3195064	Rock																				
3195065	Rock																				
3195066	Rock																				
3195067	Rock																				
3195658	Rock																				
3195659	Rock																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195040	Rock							
3195041	Rock							
3195042	Rock							
3195043	Rock							
3195044	Rock							
3195045	Rock							
3195046	Rock							
3195047	Rock							
3195048	Rock							
3195049	Rock							
3195050	Rock Pulp							
3195051	Rock							
3195052	Rock							
3195053	Rock							
3195054	Rock							3822
3195055	Rock							
3195056	Rock							
3195057	Rock							
3195058	Rock							
3195059	Rock							
3195060	Rock Pulp							I.S.
3195061	Rock							
3195062	Rock							
3195063	Rock							
3195064	Rock							
3195065	Rock							
3195066	Rock							
3195067	Rock							
3195658	Rock							
3195659	Rock							

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
Unit		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
MDL		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195660	Rock Pulp	0.04			>10000	25	274			32.31	2110.54	355.47	642.0	6213	196.6	15.8	486	3.41	43.2	0.8	10224.8
3195661	Rock	2.35			4	<3	2			0.24	56.30	2.72	31.0	57	5.6	37.5	642	4.55	62.4	<0.1	2.5
3195662	Rock	2.66			3122	<3	<2			0.20	59.55	4.27	62.9	97	5.6	36.8	862	4.40	4309.6	<0.1	860.4
3195663	Rock	2.10			3	<3	<2			0.17	59.45	3.00	33.6	31	4.3	34.0	597	4.00	105.0	<0.1	0.3
3195664	Rock	1.20			32	<3	3			0.23	1069.38	0.80	41.1	570	95.9	102.2	435	5.02	7.5	<0.1	30.0
3195665	Rock	1.07			17	<3	<2			0.18	252.52	1.54	38.5	134	22.1	27.1	458	3.70	4.2	<0.1	13.9
3195666	Rock	2.76			9	<3	<2			0.22	244.12	0.40	42.7	220	25.9	29.2	596	4.22	5.6	<0.1	4.3
3195667	Rock	2.35			9	<3	<2			0.35	59.76	0.72	32.6	60	5.3	22.2	694	4.79	40.6	<0.1	4.5
3195668	Rock	2.24			14	<3	<2			0.28	40.63	0.67	30.8	35	1.3	22.6	699	5.06	17.5	<0.1	6.7
3195669	Rock	3.41			5	<3	<2			0.33	81.58	0.74	47.6	68	1.6	32.0	658	6.38	48.5	<0.1	1.6
3195670	Rock Pulp	0.04			I.S.	I.S.	I.S.			2.35	87.87	3.37	32.6	137	4.8	8.4	336	2.41	0.7	0.7	2.0
3195671	Rock	2.28			5	<3	<2			0.34	114.45	1.76	50.0	81	2.4	32.0	667	5.98	17.5	<0.1	3.7
3195672	Rock	1.53			2	<3	2			0.26	60.36	0.96	43.0	54	2.0	33.7	675	6.37	23.4	<0.1	<0.2
3195673	Rock	2.34			4	<3	<2			0.37	99.04	0.75	46.3	69	3.0	39.6	843	7.01	25.8	<0.1	<0.2
3195674	Rock	2.56			796	<3	<2			0.33	287.78	5.51	36.3	153	3.6	63.3	915	8.80	4871.3	<0.1	492.0
3195675	Rock	3.30			85	<3	<2			0.31	181.58	0.97	43.0	98	3.0	54.1	944	7.09	1136.4	<0.1	36.0
3195676	Rock	2.18			4	<3	<2			0.27	91.98	0.65	39.0	43	2.3	32.9	755	5.47	20.4	<0.1	1.0
3195677	Rock	1.71			9	<3	<2			0.23	237.14	0.60	36.6	89	22.7	27.2	430	3.92	5.1	<0.1	5.3
3195678	Rock	1.65			7	<3	<2			0.27	65.84	1.03	59.4	160	2.2	30.8	798	6.39	36.1	<0.1	15.3
3195679	Rock	1.50			>10000	<3	<2			0.57	195.91	5.86	40.8	2219	4.0	59.8	554	13.15	>10000	<0.1	9111.2
3195680	Rock Pulp	0.04			>10000	28	262			34.28	2109.12	362.40	643.9	6761	192.1	16.0	490	3.43	46.2	0.7	10072.8
3195681	Rock	1.47			2191	<3	<2			0.42	127.16	3.74	70.8	592	2.2	23.9	710	11.28	6653.9	<0.1	1601.0
3195682	Rock	1.84			659	<3	<2			0.34	102.69	5.30	63.8	293	26.7	37.9	846	8.69	5222.1	<0.1	675.3
3195683	Rock	1.61			15	<3	2			0.31	78.08	2.23	65.6	149	39.0	31.1	404	4.79	100.4	<0.1	12.5
3195684	Rock	1.08			8	<3	<2			0.11	210.84	1.04	40.0	83	11.9	59.4	586	4.69	53.2	<0.1	5.3
3195685	Rock	1.61			374	<3	3			0.18	>10000	1.33	269.9	13858	61.8	234.9	409	6.30	186.4	<0.1	404.4
3195686	Rock	1.08			12	<3	<2			0.10	240.80	1.29	50.4	161	10.1	47.7	554	5.19	31.4	<0.1	5.6
3195687	Rock	0.88			5	<3	<2			0.16	163.59	3.40	47.5	167	10.1	47.8	533	5.27	23.9	<0.1	2.4
3195688	Rock	0.92			14	<3	<2			0.14	106.34	3.02	49.3	123	8.5	45.4	572	4.72	40.0	<0.1	3.3
3195689	Rock	1.25			848	<3	<2			0.18	166.11	100.51	232.2	576	6.1	48.8	618	6.29	3255.0	<0.1	1128.6

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195660	Rock Pulp	2.9	77.4	3.85	6.09	0.87	96	1.08	0.055	6.7	36.4	0.95	160.8	0.132	3	1.80	0.209	0.24	4.9	3.0	0.26
3195661	Rock	0.5	10.3	0.08	0.40	<0.02	163	2.78	0.045	4.1	1.1	0.70	5.3	0.076	<1	1.34	0.180	0.02	0.5	13.9	<0.02
3195662	Rock	0.3	18.4	0.29	1.71	0.20	133	4.49	0.032	2.6	1.4	0.73	47.4	0.045	2	1.51	0.175	0.04	6.4	13.9	0.11
3195663	Rock	0.2	14.0	0.12	0.46	<0.02	125	3.03	0.018	1.8	1.0	0.67	3.3	0.073	1	1.59	0.219	0.01	0.1	14.6	<0.02
3195664	Rock	0.2	3.6	0.23	0.53	0.06	208	1.88	0.019	2.2	4.2	0.97	5.5	0.082	1	1.50	0.187	0.06	0.3	11.6	0.04
3195665	Rock	0.3	3.4	0.11	0.55	<0.02	219	1.60	0.030	2.4	4.0	1.03	17.3	0.086	<1	1.53	0.189	0.10	2.0	11.9	0.06
3195666	Rock	0.3	8.1	0.08	0.47	<0.02	239	3.03	0.030	2.6	6.0	1.11	113.8	0.126	<1	1.85	0.171	0.52	0.7	12.5	0.41
3195667	Rock	0.5	9.3	0.05	0.68	<0.02	64	3.02	0.067	4.8	5.2	0.61	13.0	0.067	1	1.55	0.212	0.04	2.7	14.9	0.04
3195668	Rock	0.5	12.9	0.05	0.62	<0.02	43	3.22	0.049	4.0	0.9	0.55	13.7	0.079	<1	1.55	0.188	0.05	2.5	14.0	0.04
3195669	Rock	0.3	11.8	0.07	0.88	<0.02	74	2.01	0.031	3.2	1.0	0.67	5.3	0.070	1	2.08	0.217	0.04	1.9	18.6	0.02
3195670	Rock Pulp	2.2	59.2	0.05	0.11	0.05	86	0.77	0.053	5.9	9.4	0.67	116.2	0.087	1	1.33	0.164	0.20	3.4	2.0	0.04
3195671	Rock	0.3	7.5	0.05	0.96	<0.02	74	2.29	0.032	2.7	1.0	0.72	4.4	0.078	1	2.00	0.237	0.04	0.1	18.0	<0.02
3195672	Rock	0.3	11.9	0.06	0.88	<0.02	78	2.57	0.028	2.5	0.8	0.65	6.4	0.092	<1	1.75	0.251	0.05	<0.1	17.6	<0.02
3195673	Rock	0.3	7.5	0.05	1.12	<0.02	86	2.78	0.029	2.7	1.5	0.77	6.5	0.118	1	2.05	0.286	0.05	0.1	22.8	<0.02
3195674	Rock	0.3	12.1	0.07	3.52	0.23	63	2.67	0.028	2.8	1.0	0.78	4.8	0.045	3	2.16	0.246	0.02	28.4	19.1	<0.02
3195675	Rock	0.3	14.2	0.06	1.17	0.09	72	3.59	0.025	2.5	1.6	0.72	3.5	0.060	2	2.09	0.275	0.03	4.2	20.2	<0.02
3195676	Rock	0.2	10.9	0.32	0.48	<0.02	59	2.77	0.025	2.3	1.0	0.66	4.6	0.092	1	1.84	0.265	0.04	0.2	16.9	<0.02
3195677	Rock	0.2	4.6	0.10	0.78	<0.02	263	1.74	0.029	2.4	5.6	1.03	7.2	0.102	1	1.63	0.247	0.07	0.2	13.8	0.02
3195678	Rock	0.4	13.5	0.17	0.74	<0.02	104	3.07	0.039	3.6	1.0	0.69	14.6	0.104	1	2.08	0.221	0.11	0.3	18.3	0.04
3195679	Rock	0.4	3.6	0.22	20.78	0.05	48	0.51	0.043	2.8	1.0	0.84	59.1	0.110	<1	2.00	0.083	0.89	57.0	21.8	0.30
3195680	Rock Pulp	2.4	74.5	3.71	5.97	0.83	95	1.13	0.053	6.7	36.2	0.96	159.8	0.128	2	1.80	0.231	0.26	5.0	3.0	0.28
3195681	Rock	0.5	2.1	0.19	4.28	<0.02	33	0.47	0.059	3.5	1.2	0.96	88.4	0.210	<1	2.36	0.076	1.31	51.2	18.7	0.41
3195682	Rock	0.5	9.0	0.36	3.05	0.02	142	2.91	0.060	4.6	17.9	1.28	62.1	0.196	<1	2.46	0.117	0.94	29.0	16.4	0.28
3195683	Rock	0.9	3.7	0.16	0.71	<0.02	148	1.47	0.081	7.9	34.4	1.20	29.4	0.197	1	1.83	0.131	0.27	2.5	10.6	0.09
3195684	Rock	0.1	10.5	0.08	0.75	0.04	214	3.31	0.012	1.4	1.7	1.01	8.4	0.133	1	1.88	0.243	0.06	0.4	14.5	<0.02
3195685	Rock	<0.1	11.4	9.26	0.79	0.85	130	2.71	0.010	1.2	2.0	0.68	5.0	0.082	1	1.36	0.171	0.04	0.2	9.4	0.03
3195686	Rock	0.1	4.5	0.16	0.68	0.04	201	2.01	0.014	1.2	1.4	1.11	20.8	0.121	<1	2.00	0.258	0.06	0.2	17.3	0.02
3195687	Rock	0.2	6.1	0.12	1.03	0.02	195	2.27	0.016	1.5	1.5	0.98	19.8	0.144	1	1.87	0.214	0.04	0.2	17.6	0.03
3195688	Rock	0.1	7.8	0.18	0.44	<0.02	185	2.79	0.014	1.4	1.5	0.88	7.3	0.120	1	1.80	0.214	0.03	0.3	16.1	<0.02
3195689	Rock	0.2	7.2	3.23	2.28	<0.02	185	2.20	0.021	1.4	1.4	0.99	101.4	0.082	1	2.07	0.224	0.28	36.5	19.9	0.33

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
	Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195660	Rock Pulp	0.48	286	2.4	0.25	4.8															
3195661	Rock	0.20	<5	0.2	<0.02	6.5															
3195662	Rock	0.45	<5	0.2	0.04	6.5															
3195663	Rock	0.19	<5	0.2	<0.02	5.2															
3195664	Rock	1.44	18	5.1	0.14	5.0															
3195665	Rock	0.15	<5	0.4	0.03	5.1															
3195666	Rock	0.10	<5	0.2	0.03	6.3															
3195667	Rock	0.14	<5	0.2	<0.02	7.3															
3195668	Rock	0.19	<5	0.3	<0.02	8.1															
3195669	Rock	0.17	6	0.3	<0.02	9.5															
3195670	Rock Pulp	<0.02	<5	<0.1	<0.02	4.2															
3195671	Rock	0.31	<5	0.6	<0.02	7.9															
3195672	Rock	0.16	<5	0.2	<0.02	7.3															
3195673	Rock	0.36	<5	0.7	<0.02	8.1															
3195674	Rock	2.44	<5	3.4	0.08	7.9															
3195675	Rock	1.11	<5	1.8	0.06	8.3															
3195676	Rock	0.29	<5	0.4	<0.02	6.6															
3195677	Rock	0.08	<5	0.2	<0.02	6.2															
3195678	Rock	<0.02	<5	<0.1	<0.02	9.2															
3195679	Rock	3.15	19	1.1	<0.02	10.7															
3195680	Rock Pulp	0.48	316	2.0	0.26	4.9															
3195681	Rock	1.22	<5	0.6	<0.02	11.9															
3195682	Rock	0.53	10	0.7	0.07	10.4															
3195683	Rock	0.12	11	0.2	<0.02	8.4															
3195684	Rock	0.35	5	0.6	<0.02	6.2															
3195685	Rock	3.25	210	11.8	2.33	4.0															
3195686	Rock	0.28	9	0.3	0.04	6.4															
3195687	Rock	0.33	6	0.3	<0.02	6.2															
3195688	Rock	0.19	<5	0.2	<0.02	6.4															
3195689	Rock	0.50	8	0.3	<0.02	7.9															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

		Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195660	Rock Pulp																					
3195661	Rock																					
3195662	Rock																					
3195663	Rock																					
3195664	Rock																					
3195665	Rock																					
3195666	Rock																					
3195667	Rock																					
3195668	Rock																					
3195669	Rock																					
3195670	Rock Pulp																					
3195671	Rock																					
3195672	Rock																					
3195673	Rock																					
3195674	Rock																					
3195675	Rock																					
3195676	Rock																					
3195677	Rock																					
3195678	Rock																					
3195679	Rock																					
3195680	Rock Pulp																					
3195681	Rock																					
3195682	Rock																					
3195683	Rock																					
3195684	Rock																					
3195685	Rock																					
3195686	Rock																					
3195687	Rock																					
3195688	Rock																					
3195689	Rock																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195660	Rock Pulp							I.S.
3195661	Rock							
3195662	Rock							
3195663	Rock							
3195664	Rock							
3195665	Rock							
3195666	Rock							
3195667	Rock							
3195668	Rock							
3195669	Rock							
3195670	Rock Pulp							
3195671	Rock							
3195672	Rock							
3195673	Rock							
3195674	Rock							
3195675	Rock							
3195676	Rock							
3195677	Rock							
3195678	Rock							
3195679	Rock							>10000
3195680	Rock Pulp							I.S.
3195681	Rock							1818
3195682	Rock							
3195683	Rock							
3195684	Rock							
3195685	Rock							
3195686	Rock							
3195687	Rock							
3195688	Rock							
3195689	Rock							595

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
	Unit	kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195690	Rock Pulp	0.04			10	<3	<2			2.56	92.79	3.22	35.0	110	5.2	9.0	363	2.59	1.1	0.7	0.6
3195691	Rock	1.15			32	<3	<2			0.20	108.10	22.06	66.6	261	5.1	47.3	597	6.25	113.1	<0.1	11.4
3195692	Rock	1.61			3417	<3	<2			0.18	185.90	35.04	142.8	1082	5.4	50.3	582	8.53	>10000	<0.1	4037.3
3195693	Rock	1.62			5	<3	<2			0.23	95.40	4.42	41.8	159	3.9	42.3	766	6.78	33.5	<0.1	4.4
3195694	Rock	1.54			6	<3	2			0.24	71.96	2.30	44.6	64	4.1	32.5	772	6.29	25.9	<0.1	4.0
3195695	Rock	1.38			6	<3	<2			0.16	76.99	3.09	47.6	175	66.3	29.5	276	2.80	47.9	<0.1	3.6
3195696	Rock	1.88			49	<3	<2			0.31	80.67	1.21	59.6	75	9.8	43.5	563	4.99	1318.9	<0.1	45.1
3195697	Rock	1.56			252	<3	<2			0.48	86.79	1.30	49.1	104	4.8	37.3	566	6.08	360.4	<0.1	126.8
3195698	Rock	1.62			4	<3	<2			0.36	55.19	1.87	44.2	69	2.5	35.0	662	6.71	34.5	<0.1	1.2
3195699	Rock	1.35			64	<3	<2			0.17	7.16	1.33	58.2	30	5.9	25.5	748	5.20	405.4	0.1	41.4
3195700	Rock Pulp	0.04			>10000	27	283			34.54	2126.74	379.14	660.4	6776	194.3	15.5	498	3.45	43.7	0.9	12589.0
3195701	Rock	1.71			5322	5	<2			0.39	58.81	4.31	36.7	725	11.7	20.9	265	7.07	>10000	<0.1	6259.2
3195702	Rock	1.48			15	10	7			0.14	4.28	0.87	34.2	56	44.8	23.8	375	2.73	33.2	<0.1	17.1
3195703	Rock	1.44			8	12	10			0.41	3.62	0.70	23.4	35	45.3	24.4	443	3.03	57.2	<0.1	3.9
3195704	Rock	1.50			10	11	10			0.77	6.81	1.14	22.1	60	52.8	30.4	419	3.13	24.8	0.1	5.3
3195705	Rock	1.00			171	7	9			0.19	69.71	1.21	35.8	189	67.4	37.3	828	4.66	74.7	<0.1	69.5
3195706	Rock	1.36			156	6	9			0.21	74.27	1.02	27.2	144	44.8	26.5	683	3.39	228.8	<0.1	68.5
3195707	Rock	1.39			11	7	8			0.16	105.94	0.51	32.0	219	42.6	23.6	488	3.03	15.1	<0.1	5.2
3195708	Rock	1.02			8	10	12			0.32	97.96	0.59	31.6	214	46.2	27.4	488	3.43	6.6	<0.1	4.7
3195709	Rock	1.46			5	11	10			0.10	49.45	0.53	25.2	91	35.6	19.7	357	2.67	4.0	<0.1	0.2
3195710	Rock Pulp	0.04			6	<3	4			2.37	93.49	3.76	34.8	123	4.9	8.2	350	2.41	0.8	0.8	1.7
3195711	Rock	1.18			3927	<3	<2			0.63	11.57	12.85	93.7	70	16.0	7.1	989	3.41	>10000	1.1	2605.7
3195712	Rock	1.16			35	<3	<2			0.28	11.55	4.95	41.4	32	8.8	3.2	860	2.07	175.1	1.5	12.3
3195713	Rock	1.56			15	<3	2			0.37	26.17	6.97	27.0	84	6.9	2.4	1232	3.65	346.1	1.3	12.7
3195714	Rock	1.55			4	<3	4			0.37	7.16	10.74	16.3	41	3.9	2.0	522	1.46	26.2	1.4	<0.2
3195715	Rock	1.28			55	<3	<2			0.44	14.96	8.71	19.0	48	4.2	2.2	504	1.66	347.0	1.3	48.8
3195716	Rock	1.42			6	<3	<2			0.30	10.54	7.12	25.2	25	3.2	1.7	361	1.74	51.0	1.2	2.9
3195717	Rock	1.35			5	<3	<2			0.24	12.96	5.78	29.6	35	3.2	1.8	336	1.77	54.3	1.3	2.0
3195718	Rock	1.42			5	<3	<2			0.24	8.02	10.01	21.3	39	5.2	2.3	487	1.82	37.5	1.4	3.0
3195719	Rock	1.40			3	<3	<2			0.32	10.18	8.18	25.4	32	7.9	3.7	422	1.57	11.4	1.2	0.9

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195690	Rock Pulp	2.2	65.5	0.04	0.11	0.04	94	0.85	0.056	6.3	10.5	0.72	119.8	0.103	<1	1.50	0.176	0.21	2.9	2.4	0.04
3195691	Rock	0.2	4.9	0.42	0.78	<0.02	160	1.94	0.022	1.8	1.4	0.77	25.1	0.088	<1	1.61	0.230	0.06	5.1	16.7	0.04
3195692	Rock	0.2	6.6	1.06	4.78	0.04	174	1.47	0.020	1.6	1.0	1.16	103.6	0.069	2	2.49	0.196	0.21	34.0	20.4	0.33
3195693	Rock	0.2	13.0	0.08	0.66	<0.02	152	3.21	0.026	2.6	1.4	0.87	49.7	0.128	1	1.96	0.235	0.17	0.1	19.6	0.17
3195694	Rock	0.3	9.5	0.07	1.01	<0.02	106	2.38	0.022	2.4	1.8	0.84	12.3	0.123	<1	1.83	0.252	0.06	0.1	18.4	0.02
3195695	Rock	0.5	7.4	0.23	0.35	<0.02	74	1.30	0.030	3.4	114.2	1.32	11.1	0.067	1	1.85	0.211	0.03	0.2	7.4	<0.02
3195696	Rock	0.5	9.1	0.46	2.57	<0.02	157	2.46	0.042	3.6	4.8	0.81	18.0	0.064	2	1.97	0.212	0.05	2.3	16.1	0.04
3195697	Rock	0.4	5.6	0.09	0.66	<0.02	119	1.82	0.072	4.4	1.9	0.84	44.6	0.079	1	2.11	0.208	0.09	2.2	17.7	0.06
3195698	Rock	0.5	4.1	0.11	0.64	<0.02	54	1.73	0.054	4.2	1.7	0.63	53.6	0.100	<1	1.86	0.207	0.22	0.1	16.2	0.14
3195699	Rock	0.8	4.9	0.30	0.72	0.02	40	1.68	0.097	5.2	1.7	1.03	100.3	0.100	2	2.30	0.200	0.40	4.0	14.4	0.20
3195700	Rock Pulp	2.9	83.2	3.87	6.58	0.92	96	1.10	0.056	7.2	36.6	0.97	165.8	0.130	2	1.88	0.213	0.24	5.0	3.1	0.30
3195701	Rock	0.9	12.5	0.22	18.06	0.20	66	0.83	0.120	4.3	16.7	0.86	94.9	0.091	2	1.73	0.097	0.69	59.0	18.3	0.38
3195702	Rock	1.0	9.8	0.16	0.33	<0.02	90	1.67	0.030	4.5	65.7	1.30	65.6	0.103	2	1.54	0.123	0.61	6.4	7.9	0.19
3195703	Rock	1.1	7.8	0.09	0.25	<0.02	101	2.47	0.029	5.7	74.3	1.39	52.3	0.151	<1	1.64	0.089	0.90	7.4	7.9	0.24
3195704	Rock	1.1	5.3	0.03	0.46	0.04	116	1.74	0.031	7.3	81.2	1.47	55.7	0.167	1	1.73	0.108	0.89	5.5	8.0	0.23
3195705	Rock	0.6	19.7	0.09	0.95	<0.02	159	3.90	0.028	4.2	96.0	1.83	104.6	0.227	<1	2.72	0.090	1.55	13.4	14.9	0.46
3195706	Rock	0.5	30.9	0.13	0.50	<0.02	98	4.31	0.021	8.0	58.5	1.35	50.8	0.126	2	2.22	0.132	0.68	12.8	9.8	0.21
3195707	Rock	0.3	8.3	0.08	0.39	<0.02	90	1.97	0.025	3.4	46.8	1.32	43.2	0.111	2	1.75	0.115	0.52	1.2	8.3	0.15
3195708	Rock	0.7	8.6	0.07	0.62	<0.02	102	2.26	0.032	4.9	67.8	1.53	53.6	0.183	<1	2.12	0.148	1.01	0.1	9.2	0.25
3195709	Rock	0.9	3.2	0.04	0.84	<0.02	67	0.96	0.030	6.1	48.0	1.16	22.1	0.095	1	1.38	0.131	0.37	0.1	7.9	0.10
3195710	Rock Pulp	2.7	65.7	0.07	0.12	0.04	86	0.81	0.060	6.3	10.0	0.68	118.9	0.095	2	1.39	0.160	0.20	3.1	2.0	0.05
3195711	Rock	7.9	6.8	0.18	52.60	0.47	24	1.03	0.011	33.8	11.2	0.54	102.8	0.061	2	1.07	0.060	0.62	1.3	3.5	0.16
3195712	Rock	9.9	5.1	0.06	2.43	0.05	19	0.68	0.012	40.2	4.4	0.60	112.2	0.075	<1	1.20	0.075	0.82	0.6	3.6	0.21
3195713	Rock	8.0	8.7	0.02	2.50	0.09	17	1.29	0.010	31.9	6.6	0.77	165.3	0.061	1	1.50	0.071	1.00	0.5	4.6	0.29
3195714	Rock	10.5	13.8	<0.01	3.36	0.03	11	0.74	0.013	44.6	3.8	0.40	75.9	0.059	3	1.23	0.101	0.56	0.5	2.7	0.22
3195715	Rock	10.0	8.8	0.04	5.47	0.10	12	0.47	0.012	42.6	6.0	0.38	82.3	0.061	2	1.16	0.094	0.65	0.7	3.2	0.29
3195716	Rock	10.0	3.0	0.02	2.97	0.03	10	0.05	0.015	36.9	3.5	0.28	73.3	0.049	<1	0.94	0.051	0.59	0.2	2.1	0.25
3195717	Rock	10.3	3.4	0.07	3.10	0.02	10	0.08	0.013	37.4	6.2	0.24	64.4	0.048	2	0.89	0.060	0.49	0.3	2.1	0.20
3195718	Rock	9.4	8.3	0.01	4.01	<0.02	13	0.51	0.012	38.1	4.3	0.31	88.0	0.052	1	0.95	0.070	0.50	0.6	2.8	0.21
3195719	Rock	9.0	8.0	0.05	3.62	0.02	16	0.51	0.012	39.0	14.1	0.29	90.6	0.056	3	0.86	0.074	0.42	0.2	2.7	0.16

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
Analyte		S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
Unit		%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195690	Rock Pulp	<0.02	<5	<0.1	<0.02	4.2															
3195691	Rock	0.31	11	0.2	<0.02	7.6															
3195692	Rock	0.95	179	0.7	0.06	10.2															
3195693	Rock	0.09	<5	<0.1	<0.02	8.6															
3195694	Rock	0.11	<5	0.1	<0.02	7.6															
3195695	Rock	0.04	<5	<0.1	<0.02	5.0															
3195696	Rock	0.24	8	0.3	<0.02	8.0															
3195697	Rock	0.20	<5	0.4	<0.02	8.9															
3195698	Rock	0.16	<5	0.2	<0.02	9.0															
3195699	Rock	0.04	8	<0.1	<0.02	8.6															
3195700	Rock Pulp	0.48	368	2.3	0.31	5.0															
3195701	Rock	1.72	17	1.0	0.11	9.0															
3195702	Rock	<0.02	19	<0.1	0.04	4.8															
3195703	Rock	<0.02	<5	<0.1	<0.02	5.0															
3195704	Rock	0.02	<5	<0.1	<0.02	5.6															
3195705	Rock	0.15	9	<0.1	<0.02	7.7															
3195706	Rock	0.04	<5	<0.1	0.02	5.6															
3195707	Rock	0.04	<5	<0.1	<0.02	4.9															
3195708	Rock	<0.02	11	<0.1	<0.02	6.1															
3195709	Rock	<0.02	<5	<0.1	<0.02	3.9															
3195710	Rock Pulp	<0.02	<5	<0.1	<0.02	4.4															
3195711	Rock	0.91	43	1.4	0.02	3.9															
3195712	Rock	0.06	21	<0.1	<0.02	5.7															
3195713	Rock	0.33	9	<0.1	<0.02	6.1															
3195714	Rock	<0.02	<5	<0.1	<0.02	4.9															
3195715	Rock	0.06	<5	<0.1	<0.02	4.8															
3195716	Rock	<0.02	<5	<0.1	<0.02	4.6															
3195717	Rock	0.04	7	<0.1	<0.02	4.2															
3195718	Rock	0.02	19	<0.1	<0.02	4.4															
3195719	Rock	<0.02	22	<0.1	<0.02	4.2															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195690	Rock Pulp																				
3195691	Rock																				
3195692	Rock																				
3195693	Rock																				
3195694	Rock																				
3195695	Rock																				
3195696	Rock																				
3195697	Rock																				
3195698	Rock																				
3195699	Rock																				
3195700	Rock Pulp																				
3195701	Rock																				
3195702	Rock																				
3195703	Rock																				
3195704	Rock																				
3195705	Rock																				
3195706	Rock																				
3195707	Rock																				
3195708	Rock																				
3195709	Rock																				
3195710	Rock Pulp																				
3195711	Rock																				
3195712	Rock																				
3195713	Rock																				
3195714	Rock																				
3195715	Rock																				
3195716	Rock																				
3195717	Rock																				
3195718	Rock																				
3195719	Rock																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195690	Rock Pulp							
3195691	Rock							
3195692	Rock							3168
3195693	Rock							
3195694	Rock							
3195695	Rock							
3195696	Rock							
3195697	Rock							
3195698	Rock							
3195699	Rock							
3195700	Rock Pulp							I.S.
3195701	Rock							5560
3195702	Rock							
3195703	Rock							
3195704	Rock							
3195705	Rock							
3195706	Rock							
3195707	Rock							
3195708	Rock							
3195709	Rock							
3195710	Rock Pulp							
3195711	Rock							2887
3195712	Rock							
3195713	Rock							
3195714	Rock							
3195715	Rock							
3195716	Rock							
3195717	Rock							
3195718	Rock							
3195719	Rock							

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
Unit		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
MDL		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195720	Rock Pulp	0.04			>10000	23	260			33.79	2125.93	366.49	657.7	6414	192.8	15.5	488	3.36	43.6	0.9	10918.1
3195721	Rock	1.40			7	<3	<2			0.29	30.74	5.09	40.1	56	10.4	4.7	863	4.01	115.9	1.4	2.0
3195722	Rock	1.37			14	<3	4			0.84	19.02	5.89	67.9	23	21.5	10.9	981	4.35	142.4	1.1	11.5
3195723	Rock	1.91			2003	5	4			1.75	38.90	3.98	129.0	142	66.7	46.2	1781	10.18	>10000	0.9	1729.1
3195724	Rock	1.25			166	<3	3			0.33	22.58	4.00	80.2	45	10.8	4.9	1722	4.97	1954.5	1.6	135.8
3195725	Rock	1.31			767	7	7			0.95	189.30	7.22	97.3	192	58.8	40.0	1334	7.58	8890.1	1.0	769.5
3195726	Rock	1.26			1973	7	8			1.01	105.35	6.47	95.1	203	99.8	49.4	1805	7.08	>10000	0.5	2081.9
3195727	Rock	1.88			8012	7	10			2.05	57.18	3.96	92.1	294	67.1	41.0	1090	9.69	>10000	0.6	8268.8
3195728	Rock	1.17			3252	6	7			0.83	93.31	6.74	138.0	233	67.8	45.2	1251	8.49	>10000	0.8	3572.1
3195729	Rock	1.17			49	6	<2			0.41	18.38	2.85	77.5	19	11.1	4.2	1167	4.40	397.3	1.4	49.5
3195730	Rock Pulp	0.04			6	<3	3			2.47	93.42	3.84	37.8	123	5.1	9.1	383	2.68	1.4	0.9	4.1
3195731	Rock	1.41			7	3	4			0.68	77.87	8.77	264.7	65	35.0	20.2	602	2.64	78.9	1.2	5.5
3195732	Rock	1.45			4	<3	<2			0.44	7.11	10.10	31.2	38	2.9	2.3	561	2.04	15.0	2.1	1.1
3195733	Rock	1.57			3	<3	<2			0.52	4.77	14.42	34.3	12	3.4	2.4	606	2.06	4.6	1.9	<0.2
3195734	Rock	1.52			3	<3	<2			0.32	3.62	6.31	29.8	12	2.7	2.6	637	2.18	11.5	1.7	1.7
3195735	Rock	1.50			6	<3	4			0.49	2.37	7.45	27.4	27	2.5	2.6	685	2.17	2.9	1.6	2.4
3195736	Rock	1.34			3	<3	<2			0.27	1.80	7.26	26.5	13	2.1	2.3	713	2.06	7.0	1.7	0.5
3195737	Rock	1.37			476	<3	<2			0.60	8.38	5.01	36.5	28	2.7	2.8	1248	5.14	7243.6	1.8	384.1
3195738	Rock	1.34			4	<3	<2			0.49	3.92	4.90	35.3	25	2.5	2.4	806	3.08	9.0	1.6	2.0
3195739	Rock	1.10			4	<3	<2			0.79	37.53	8.00	49.6	85	26.2	19.1	843	2.65	25.8	1.2	1.3
3195740	Rock Pulp	0.04			>10000	25	270			33.12	2066.13	349.92	601.2	6282	194.2	15.4	457	3.37	38.9	0.7	9738.4
3195741	Rock	1.46			4	10	10			1.05	116.01	11.46	101.0	134	80.1	55.6	1349	3.92	57.6	0.4	5.1
3195742	Rock	1.42			4	4	3			0.47	44.64	5.37	135.5	53	39.6	33.0	1918	6.30	20.6	0.8	3.7
3195743	Rock	1.63			4	<3	3			0.81	77.16	5.28	92.1	80	14.0	14.4	1192	6.59	34.0	1.3	1.6
3195744	Rock	1.33			<2	4	<2			0.50	18.92	4.72	71.8	45	5.4	4.5	1063	5.25	2.7	1.3	0.8
3195745	Rock	1.69			3	5	3			2.07	42.78	7.31	85.4	74	13.3	7.8	983	6.27	9.7	1.4	1.1
3195746	Rock	1.48			3	<3	<2			1.57	78.97	16.15	180.6	171	19.5	16.0	1352	6.69	1.9	1.8	1.6
3195747	Rock	1.52			6	<3	<2			1.57	195.83	9.75	87.3	209	8.6	11.0	812	7.93	130.0	0.6	5.6
3195748	Rock	1.55			4	<3	<2			1.40	99.45	13.46	168.1	126	14.0	12.4	378	4.76	4.5	0.5	2.2
3195749	Rock	1.61			6	<3	<2			0.73	61.24	6.15	39.1	199	6.2	9.9	121	5.52	5.5	<0.1	3.5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195720	Rock Pulp	3.1	81.1	3.92	6.59	0.90	93	1.08	0.058	7.0	36.2	0.95	165.7	0.130	2	1.82	0.220	0.24	5.0	3.0	0.28
3195721	Rock	8.0	7.9	0.05	2.73	0.02	27	0.72	0.011	36.6	14.1	0.54	207.6	0.079	2	1.72	0.062	1.09	0.3	6.1	0.29
3195722	Rock	7.3	4.7	0.19	2.65	0.02	48	0.45	0.012	28.7	38.4	0.65	213.5	0.129	<1	1.88	0.087	1.09	0.7	6.9	0.30
3195723	Rock	5.2	10.6	0.18	25.20	0.49	147	0.53	0.010	27.6	113.1	1.43	217.7	0.207	1	3.86	0.068	2.38	1.4	18.5	0.71
3195724	Rock	10.2	7.9	0.25	4.92	0.13	44	1.21	0.012	37.5	11.2	0.98	190.5	0.080	2	2.11	0.055	1.11	0.3	11.8	0.34
3195725	Rock	6.7	12.1	0.10	17.41	0.41	139	0.73	0.010	32.2	82.0	1.27	79.7	0.160	5	2.82	0.084	1.51	1.9	23.2	0.45
3195726	Rock	3.3	18.1	0.20	27.54	0.21	184	1.76	0.008	16.8	147.0	0.95	211.9	0.177	3	2.77	0.105	1.50	2.7	24.8	0.46
3195727	Rock	3.0	7.0	0.10	109.89	0.85	142	0.64	0.013	14.5	121.4	0.82	53.8	0.071	2	2.14	0.090	1.27	1.5	16.6	0.50
3195728	Rock	4.4	3.7	0.21	38.44	0.51	136	0.28	0.012	23.5	116.1	1.04	90.1	0.134	1	2.76	0.070	1.73	1.1	20.1	0.65
3195729	Rock	8.3	7.8	0.16	1.97	0.02	39	0.91	0.012	35.4	18.0	0.82	189.9	0.083	2	2.11	0.088	0.89	0.7	7.4	0.29
3195730	Rock Pulp	2.8	76.9	0.08	0.11	0.05	98	0.93	0.062	7.3	10.6	0.75	129.3	0.108	1	1.65	0.179	0.21	3.2	2.5	0.05
3195731	Rock	7.2	4.2	2.99	5.33	0.19	96	0.13	0.018	25.1	77.7	0.65	138.9	0.121	4	1.63	0.060	1.02	0.1	11.6	0.32
3195732	Rock	13.5	6.8	<0.01	3.00	0.44	10	0.30	0.015	44.1	3.5	0.79	105.7	0.051	1	1.61	0.071	0.72	0.1	2.3	0.22
3195733	Rock	12.7	3.7	0.01	2.31	0.52	11	0.10	0.013	43.7	4.8	0.82	137.6	0.061	1	1.51	0.048	0.84	0.1	2.3	0.21
3195734	Rock	10.3	5.7	<0.01	1.64	0.29	11	0.19	0.012	36.4	3.2	0.93	120.9	0.056	3	1.60	0.056	0.72	0.1	2.1	0.17
3195735	Rock	10.9	6.1	0.02	2.23	1.02	9	0.37	0.012	38.9	4.5	0.91	142.3	0.058	2	1.54	0.072	0.73	<0.1	2.0	0.20
3195736	Rock	11.0	4.9	0.01	1.39	0.63	10	0.20	0.013	38.6	3.3	0.92	110.9	0.064	2	1.62	0.065	0.87	<0.1	1.9	0.19
3195737	Rock	11.0	14.3	0.02	12.33	0.51	13	1.01	0.012	38.7	4.2	1.01	200.8	0.076	2	2.83	0.098	1.62	0.5	2.7	0.39
3195738	Rock	10.2	10.8	0.04	2.06	0.09	13	0.42	0.014	41.3	3.3	0.77	133.4	0.082	2	2.00	0.097	1.20	0.9	2.5	0.26
3195739	Rock	7.8	13.6	0.08	5.41	0.21	65	0.92	0.016	36.8	66.7	0.82	105.4	0.120	4	1.89	0.096	1.01	0.3	6.2	0.27
3195740	Rock Pulp	2.5	68.3	3.39	5.25	0.79	95	1.08	0.053	6.1	36.0	0.94	149.1	0.124	2	1.82	0.221	0.25	4.3	2.9	0.27
3195741	Rock	2.6	24.1	0.16	7.35	0.15	228	1.90	0.026	13.1	207.1	1.07	221.9	0.269	2	2.97	0.174	1.67	0.2	21.0	0.35
3195742	Rock	5.0	25.1	0.22	4.61	0.15	119	2.90	0.025	23.2	69.2	1.46	158.9	0.206	2	3.60	0.057	1.86	0.1	12.9	0.39
3195743	Rock	7.9	19.4	0.09	2.76	0.37	44	1.13	0.013	25.5	29.2	1.28	175.6	0.111	3	3.28	0.111	1.92	0.1	5.8	0.44
3195744	Rock	8.7	17.6	0.10	2.61	0.08	17	0.89	0.013	31.4	7.9	1.13	169.9	0.094	<1	2.89	0.129	1.61	0.1	3.3	0.37
3195745	Rock	8.1	19.8	0.16	2.68	0.10	46	1.11	0.015	34.4	40.3	1.33	242.0	0.127	3	3.49	0.128	2.14	0.2	5.8	0.45
3195746	Rock	9.4	35.6	0.37	6.61	0.14	40	1.89	0.018	31.2	21.2	1.69	233.3	0.145	4	4.15	0.134	2.32	0.3	5.8	0.56
3195747	Rock	3.7	9.3	0.07	10.10	0.29	27	0.31	0.040	7.0	18.6	0.93	103.8	0.081	4	1.79	0.041	0.88	0.3	3.5	0.63
3195748	Rock	3.1	6.0	0.18	4.93	0.19	13	0.23	0.026	5.0	8.2	0.92	70.7	0.079	2	1.75	0.033	0.96	<0.1	1.5	0.62
3195749	Rock	0.3	3.4	0.03	2.27	0.32	7	0.25	0.005	<0.5	9.6	0.13	13.9	0.019	<1	0.15	0.006	0.06	0.1	0.7	0.04

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
	Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195720	Rock Pulp	0.47	317	2.2	0.29	5.3															
3195721	Rock	0.26	12	<0.1	<0.02	7.0															
3195722	Rock	0.05	10	<0.1	<0.02	6.7															
3195723	Rock	0.81	<5	0.4	<0.02	12.3															
3195724	Rock	0.38	12	0.1	<0.02	8.9															
3195725	Rock	1.63	14	0.5	0.05	11.4															
3195726	Rock	1.00	5	0.5	0.03	9.3															
3195727	Rock	2.70	22	2.3	0.05	8.8															
3195728	Rock	1.47	19	1.2	0.19	9.7															
3195729	Rock	0.10	17	<0.1	<0.02	7.9															
3195730	Rock Pulp	<0.02	<5	<0.1	<0.02	4.5															
3195731	Rock	0.14	32	<0.1	<0.02	6.6															
3195732	Rock	0.02	<5	<0.1	<0.02	6.8															
3195733	Rock	<0.02	7	<0.1	<0.02	6.3															
3195734	Rock	<0.02	5	<0.1	<0.02	6.4															
3195735	Rock	<0.02	8	<0.1	<0.02	6.2															
3195736	Rock	<0.02	<5	<0.1	<0.02	6.1															
3195737	Rock	0.40	13	<0.1	0.02	8.7															
3195738	Rock	<0.02	10	<0.1	<0.02	7.5															
3195739	Rock	0.39	14	<0.1	0.02	6.3															
3195740	Rock Pulp	0.48	276	2.0	0.24	4.7															
3195741	Rock	0.16	19	0.2	0.03	9.1															
3195742	Rock	0.26	16	0.2	0.03	9.7															
3195743	Rock	0.60	7	0.2	0.06	10.5															
3195744	Rock	0.18	8	<0.1	<0.02	9.3															
3195745	Rock	0.32	7	<0.1	0.05	10.9															
3195746	Rock	0.89	26	1.1	0.12	12.1															
3195747	Rock	0.96	92	2.7	0.31	6.9															
3195748	Rock	0.67	157	2.9	0.14	6.1															
3195749	Rock	1.07	293	1.8	0.43	1.3															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

		Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195720	Rock Pulp																					
3195721	Rock																					
3195722	Rock																					
3195723	Rock																					
3195724	Rock																					
3195725	Rock																					
3195726	Rock																					
3195727	Rock																					
3195728	Rock																					
3195729	Rock																					
3195730	Rock Pulp																					
3195731	Rock																					
3195732	Rock																					
3195733	Rock																					
3195734	Rock																					
3195735	Rock																					
3195736	Rock																					
3195737	Rock																					
3195738	Rock																					
3195739	Rock																					
3195740	Rock Pulp																					
3195741	Rock																					
3195742	Rock																					
3195743	Rock																					
3195744	Rock																					
3195745	Rock																					
3195746	Rock																					
3195747	Rock																					
3195748	Rock																					
3195749	Rock																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195720	Rock Pulp							I.S.
3195721	Rock							
3195722	Rock							
3195723	Rock							1872
3195724	Rock							
3195725	Rock							
3195726	Rock							2307
3195727	Rock							7719
3195728	Rock							3600
3195729	Rock							
3195730	Rock Pulp							
3195731	Rock							
3195732	Rock							
3195733	Rock							
3195734	Rock							
3195735	Rock							
3195736	Rock							
3195737	Rock							
3195738	Rock							
3195739	Rock							
3195740	Rock Pulp							I.S.
3195741	Rock							
3195742	Rock							
3195743	Rock							
3195744	Rock							
3195745	Rock							
3195746	Rock							
3195747	Rock							
3195748	Rock							
3195749	Rock							

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
Unit		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
MDL		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195750	Rock Pulp	0.04			14	<3	3			2.47	96.00	3.01	34.1	141	5.1	9.2	352	2.59	0.7	0.6	8.9
3195751	Rock	2.15			7	<3	<2			1.55	275.17	20.76	164.0	405	39.0	20.5	359	9.27	3.4	0.3	4.1
3195752	Rock	2.00			6	<3	3			2.36	358.42	6.34	80.3	326	55.6	22.4	492	10.85	2.3	0.2	3.8
3195753	Rock	1.82			3	3	6			0.41	98.23	1.11	86.9	57	108.6	31.8	403	3.48	1.1	<0.1	1.1
3195754	Rock	1.46			3	<3	6			0.22	151.92	1.72	63.5	58	99.7	27.4	323	2.93	2.2	0.1	0.9
3195755	Rock	1.35			4	4	9			0.20	195.98	2.37	57.0	66	142.3	36.7	429	3.12	1.4	<0.1	1.1
3195756	Rock	1.60			5	6	15			0.19	280.34	1.65	53.5	112	181.9	39.3	452	3.43	1.4	<0.1	2.8
3195757	Rock	1.50			3	3	5			0.11	77.24	0.67	50.0	30	99.6	30.2	348	2.92	1.0	<0.1	0.3
3195758	Rock	1.46			2	6	4			0.14	101.65	0.80	41.2	33	97.6	29.5	380	3.09	0.9	0.1	0.2
3195759	Rock	1.37			3	<3	4			0.28	117.57	1.00	51.4	50	121.3	40.5	446	4.49	1.1	<0.1	1.6
3195760	Rock Pulp	0.04			>10000	31	288			34.45	2192.87	347.30	648.0	7085	206.7	16.5	507	3.71	42.3	0.8	11381.4
3195761	Rock	1.58			6	<3	4			0.26	99.17	1.05	49.7	42	109.8	36.7	545	4.41	1.0	0.1	2.8
3195762	Rock	1.74			6	5	5			0.24	141.09	1.80	38.9	91	84.8	31.1	540	5.30	0.9	0.1	3.4
3195763	Rock	1.48			4	5	3			0.30	144.87	1.40	27.2	54	114.4	40.2	379	4.69	1.3	0.2	1.2
3195764	Rock	1.80			3	4	4			0.25	114.42	1.02	48.5	60	128.5	39.0	598	5.01	0.8	0.1	1.1
3195765	Rock	1.50			2	3	3			0.25	67.83	0.81	41.4	25	89.4	25.4	811	3.62	1.1	<0.1	<0.2
3195766	Rock	1.86			5	7	5			0.24	203.04	2.21	63.7	91	207.0	43.6	695	5.94	1.0	<0.1	1.9
3195767	Rock	1.82			3	7	9			0.30	185.77	1.60	38.9	50	152.6	32.7	678	3.25	2.0	<0.1	1.2
3195768	Rock	2.12			5	37	24			0.29	470.10	1.15	46.3	85	719.3	73.9	305	5.54	1.4	0.1	2.7
3195769	Rock	1.51			5	5	9			0.32	344.29	1.55	63.7	66	385.8	46.0	263	4.20	1.7	0.2	1.6
3195770	Rock Pulp	0.04			7	<3	<2			2.50	96.60	3.65	34.4	123	5.2	9.7	370	2.67	1.0	0.8	1.1
3195771	Rock	1.69			4	<3	6			0.23	113.03	1.28	75.5	37	247.6	38.3	310	3.71	4.4	0.1	0.4
3195773	Rock	1.78			4	6	6			0.16	44.39	1.67	22.0	26	21.5	22.5	308	2.78	24.1	0.2	1.0
3195774	Rock	1.46			4	5	4			0.16	79.63	3.51	21.8	55	20.4	22.1	322	2.94	7.6	0.1	1.3
3195775	Rock	1.58			6	<3	3			0.23	137.19	1.58	36.1	53	16.0	24.5	479	4.33	7.9	<0.1	2.7
3195776	Rock	1.59			3	<3	<2			0.23	30.85	1.30	23.7	18	9.2	21.2	574	4.05	35.0	0.1	0.2
3195777	Rock	1.70			441	<3	3			0.28	16.10	4.59	34.2	63	0.8	13.0	369	5.36	3480.3	0.3	440.9
3195778	Rock	1.63			4	<3	5			0.26	24.57	1.46	31.7	20	0.5	12.5	358	4.76	3.6	0.2	<0.2
3195779	Rock	1.50			6	<3	<2			0.33	28.63	2.25	20.2	44	0.3	12.1	215	3.76	6.4	0.2	<0.2
3195780	Rock Pulp	0.04			>10000	27	279			33.69	2093.55	347.85	623.8	6895	190.1	15.6	475	3.51	40.3	0.7	10665.4

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195750	Rock Pulp	2.0	61.4	0.06	0.10	0.05	95	0.85	0.058	5.7	10.5	0.72	114.0	0.100	1	1.50	0.164	0.21	2.6	2.3	0.05
3195751	Rock	1.5	5.4	0.40	1.92	0.44	17	0.70	0.016	4.8	14.0	0.50	24.4	0.049	2	1.40	0.035	0.35	0.2	2.5	0.35
3195752	Rock	1.4	3.0	0.11	1.13	0.33	45	0.27	0.015	5.0	39.2	0.60	23.0	0.057	7	1.19	0.087	0.32	<0.1	4.4	0.24
3195753	Rock	0.7	6.7	0.05	0.52	<0.02	168	0.40	0.033	3.6	258.2	1.50	126.5	0.144	2	1.94	0.143	0.88	<0.1	10.5	0.49
3195754	Rock	0.7	15.5	0.06	0.57	<0.02	96	0.62	0.028	3.5	163.6	1.35	91.6	0.108	4	2.02	0.151	0.60	<0.1	4.7	0.32
3195755	Rock	0.5	29.4	0.05	0.54	<0.02	122	1.12	0.023	2.9	159.0	1.16	119.1	0.082	4	3.13	0.311	0.53	<0.1	8.9	0.26
3195756	Rock	0.7	19.6	0.08	0.64	<0.02	130	1.04	0.031	4.2	198.5	1.46	146.8	0.115	2	2.69	0.230	0.75	<0.1	11.8	0.41
3195757	Rock	0.7	5.0	0.06	0.57	<0.02	140	0.44	0.034	4.2	224.2	1.73	102.2	0.128	<1	2.01	0.113	0.74	<0.1	8.1	0.36
3195758	Rock	0.8	15.0	0.04	0.49	<0.02	155	1.03	0.033	4.4	215.5	1.30	126.2	0.107	2	2.59	0.200	0.61	0.3	13.4	0.29
3195759	Rock	0.8	10.1	0.03	0.52	0.02	179	0.56	0.036	4.6	254.4	2.09	201.6	0.194	<1	2.81	0.179	1.33	0.1	9.9	0.63
3195760	Rock Pulp	2.4	79.6	3.53	4.94	0.80	109	1.24	0.059	6.6	39.8	1.06	160.7	0.142	2	2.11	0.241	0.26	4.4	3.7	0.27
3195761	Rock	0.8	18.5	0.03	0.56	0.02	178	0.86	0.037	5.0	258.7	1.95	189.2	0.178	<1	3.20	0.262	1.23	<0.1	9.3	0.56
3195762	Rock	0.7	23.4	0.02	0.72	0.06	138	1.08	0.033	3.7	190.9	1.43	131.4	0.145	3	3.12	0.260	0.91	0.3	9.6	0.47
3195763	Rock	0.7	32.7	0.03	0.83	0.06	83	1.35	0.031	4.2	116.8	1.00	53.5	0.096	3	2.87	0.319	0.47	<0.1	6.7	0.21
3195764	Rock	0.7	20.9	0.03	0.38	0.08	148	1.30	0.034	3.8	209.8	1.65	115.1	0.167	2	3.09	0.246	1.27	<0.1	9.6	0.52
3195765	Rock	0.7	20.7	0.03	0.37	0.02	136	2.73	0.030	3.4	197.7	1.78	157.7	0.171	2	2.83	0.189	1.16	<0.1	11.6	0.54
3195766	Rock	0.8	18.1	0.04	0.52	0.08	189	1.33	0.036	6.4	245.1	2.67	139.9	0.223	4	3.69	0.148	1.77	<0.1	18.8	0.86
3195767	Rock	0.6	21.5	0.06	0.60	0.13	99	2.62	0.028	3.2	135.9	1.19	183.3	0.153	2	2.04	0.154	0.73	<0.1	7.7	0.46
3195768	Rock	0.8	5.7	0.05	0.57	0.27	68	0.70	0.040	6.5	98.4	0.92	38.2	0.106	1	1.21	0.094	0.45	<0.1	4.9	0.34
3195769	Rock	1.6	7.0	0.06	0.95	0.18	47	0.66	0.048	9.7	49.5	1.44	65.8	0.052	<1	1.76	0.105	0.17	<0.1	3.5	0.16
3195770	Rock Pulp	2.4	61.2	0.06	0.11	0.06	92	0.84	0.055	6.6	10.0	0.72	128.7	0.089	1	1.42	0.160	0.21	3.3	2.0	0.05
3195771	Rock	1.0	13.7	0.08	0.81	0.03	47	0.85	0.029	6.8	65.5	2.17	14.5	0.032	1	2.69	0.129	0.04	<0.1	2.7	0.03
3195773	Rock	0.9	6.4	0.03	0.45	<0.02	100	1.27	0.034	3.4	36.4	1.14	68.1	0.076	2	1.52	0.146	0.29	0.1	8.4	0.14
3195774	Rock	0.8	11.1	0.04	0.78	0.02	68	1.18	0.047	4.7	18.1	1.04	71.8	0.074	4	1.46	0.158	0.28	<0.1	8.2	0.16
3195775	Rock	0.4	7.7	0.05	0.49	0.03	118	1.30	0.050	3.7	12.0	1.21	185.3	0.124	1	2.03	0.177	0.71	<0.1	11.2	0.45
3195776	Rock	0.9	6.3	0.04	0.59	<0.02	92	1.81	0.065	5.4	2.2	0.93	178.9	0.165	<1	1.55	0.138	0.59	0.1	11.0	0.41
3195777	Rock	1.6	6.6	0.06	9.51	<0.02	7	1.12	0.156	12.0	1.1	0.38	49.3	0.034	2	1.08	0.126	0.10	0.5	9.7	0.07
3195778	Rock	1.8	4.9	0.02	0.70	<0.02	7	0.92	0.126	15.5	0.7	0.26	58.1	0.046	2	0.91	0.113	0.11	<0.1	7.7	0.08
3195779	Rock	1.6	3.5	0.03	0.49	<0.02	2	0.78	0.141	12.2	0.9	0.35	91.9	0.051	<1	0.83	0.112	0.21	<0.1	6.8	0.15
3195780	Rock Pulp	2.5	70.4	3.61	5.60	0.78	96	1.09	0.054	6.3	35.2	0.97	155.5	0.123	3	1.76	0.214	0.26	4.8	2.8	0.27

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
	Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195750	Rock Pulp	<0.02	<5	<0.1	<0.02	4.4															
3195751	Rock	2.40	160	4.6	0.45	5.1															
3195752	Rock	3.34	95	5.1	0.45	6.5															
3195753	Rock	0.51	11	1.4	0.03	6.7															
3195754	Rock	0.19	14	0.3	0.04	5.3															
3195755	Rock	0.28	<5	0.5	0.07	7.0															
3195756	Rock	0.21	6	0.5	0.06	6.8															
3195757	Rock	0.03	<5	<0.1	<0.02	6.4															
3195758	Rock	0.20	<5	0.2	0.03	7.0															
3195759	Rock	0.85	<5	0.4	0.06	8.6															
3195760	Rock Pulp	0.49	269	2.1	0.24	5.3															
3195761	Rock	0.87	<5	0.4	0.13	8.4															
3195762	Rock	1.28	<5	0.9	0.45	8.1															
3195763	Rock	1.52	<5	1.6	0.27	6.2															
3195764	Rock	1.46	<5	0.7	0.22	7.5															
3195765	Rock	0.38	<5	0.1	0.06	6.8															
3195766	Rock	1.19	<5	0.6	0.13	10.6															
3195767	Rock	0.70	<5	0.7	0.23	5.3															
3195768	Rock	2.60	<5	2.0	0.47	3.9															
3195769	Rock	1.19	<5	0.9	0.17	5.1															
3195770	Rock Pulp	<0.02	<5	<0.1	<0.02	4.3															
3195771	Rock	0.21	<5	<0.1	0.04	6.0															
3195773	Rock	0.08	<5	<0.1	<0.02	4.9															
3195774	Rock	0.19	<5	<0.1	<0.02	4.8															
3195775	Rock	0.15	<5	0.1	0.04	6.4															
3195776	Rock	0.10	<5	0.1	<0.02	6.5															
3195777	Rock	0.25	<5	0.2	<0.02	10.1															
3195778	Rock	0.18	<5	0.5	<0.02	9.0															
3195779	Rock	0.26	<5	0.5	<0.02	7.9															
3195780	Rock Pulp	0.49	294	2.2	0.23	4.8															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195750	Rock Pulp																				
3195751	Rock																				
3195752	Rock																				
3195753	Rock																				
3195754	Rock																				
3195755	Rock																				
3195756	Rock																				
3195757	Rock																				
3195758	Rock																				
3195759	Rock																				
3195760	Rock Pulp																				
3195761	Rock																				
3195762	Rock																				
3195763	Rock																				
3195764	Rock																				
3195765	Rock																				
3195766	Rock																				
3195767	Rock																				
3195768	Rock																				
3195769	Rock																				
3195770	Rock Pulp																				
3195771	Rock																				
3195773	Rock																				
3195774	Rock																				
3195775	Rock																				
3195776	Rock																				
3195777	Rock																				
3195778	Rock																				
3195779	Rock																				
3195780	Rock Pulp																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195750	Rock Pulp							
3195751	Rock							
3195752	Rock							
3195753	Rock							
3195754	Rock							
3195755	Rock							
3195756	Rock							
3195757	Rock							
3195758	Rock							
3195759	Rock							
3195760	Rock Pulp							I.S.
3195761	Rock							
3195762	Rock							
3195763	Rock							
3195764	Rock							
3195765	Rock							
3195766	Rock							
3195767	Rock							
3195768	Rock							
3195769	Rock							
3195770	Rock Pulp							
3195771	Rock							
3195773	Rock							
3195774	Rock							
3195775	Rock							
3195776	Rock							
3195777	Rock							
3195778	Rock							
3195779	Rock							
3195780	Rock Pulp							I.S.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
	Unit	kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195781	Rock	1.46			231	<3	<2			0.28	28.04	8.62	31.2	135	0.8	16.0	243	2.97	633.4	0.2	191.8
3195782	Rock	1.66			>10000	<3	<2			0.22	118.33	3878.57	563.3	11176	6.7	14.1	332	4.44	529.8	<0.1	15943.0
3195783	Rock	1.59			691	<3	<2			0.27	23.74	11.62	22.9	151	1.8	8.8	175	2.58	340.7	0.3	587.4
3195784	Rock	1.60			344	<3	<2			0.62	163.30	5.02	24.0	182	0.8	18.1	218	4.32	345.5	0.3	419.7
3195785	Rock	1.71			16	<3	3			0.23	68.56	6.06	21.2	116	0.7	25.1	313	5.78	136.4	0.3	10.8
3195786	Rock	1.54			5	<3	3			0.24	11.72	2.61	23.3	34	7.0	11.9	279	2.40	26.9	0.3	2.2
3195787	Rock	1.34			6	<3	7			0.22	27.31	2.59	13.4	21	13.2	13.0	270	2.00	149.2	1.1	3.3
NDM-WK-470	Rock	0.64			10	<3	3			0.18	267.54	5.46	8.7	269	4.0	3.4	108	1.58	4.2	<0.1	5.5
NDM-WK-471	Rock	0.62			38	<3	2			0.29	543.84	4.22	76.5	763	29.1	15.5	79	1.50	2.6	0.1	34.9
NDM-WK-472	Rock	0.73			20	<3	<2			2.03	402.29	20.70	903.6	899	198.8	55.1	504	9.33	21.4	1.2	18.3
NDM-WK-473	Rock	0.97			12	<3	3			3.91	123.48	3.96	40.1	161	50.3	14.5	196	3.02	8.5	0.2	9.2
NDM-WK-474	Rock	0.66			3	<3	<2			0.23	108.61	1.91	31.1	80	54.7	16.6	207	2.28	2.9	0.1	1.1
NDM-WK-475	Rock	0.74			6	<3	<2			0.26	38.27	3.11	40.9	137	10.9	6.3	317	2.27	1.8	0.4	2.6
NDM-WK-476	Rock	0.73			3770	<3	<2			0.24	71.42	9.02	80.8	905	2.0	26.3	213	5.31	>10000	<0.1	5968.8
NDM-WK-477	Rock	0.65			>10000	<3	3			0.34	121.99	15.75	32.1	2579	3.5	105.8	323	15.57	>10000	<0.1	21517.6
NDM-WK-478	Rock	0.90			16	5	6			0.15	295.40	0.90	40.6	69	51.4	32.6	588	3.88	111.7	<0.1	14.6
DRW1	Rock	0.46						<20	3.3												

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
		MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
3195781	Rock		1.6	3.6	0.23	1.24	0.02	1	0.80	0.112	13.2	0.7	0.55	75.9	0.054	2	0.96	0.108	0.27	0.3	6.4	0.09
3195782	Rock		0.3	4.7	12.97	6.19	1.30	119	0.65	0.033	2.1	3.7	0.64	35.5	0.181	2	1.23	0.084	0.59	7.1	7.0	0.24
3195783	Rock		1.8	5.4	0.11	0.39	<0.02	3	0.75	0.094	10.8	0.9	0.64	87.9	0.062	2	0.99	0.116	0.27	0.8	6.0	0.08
3195784	Rock		1.9	7.2	0.04	0.47	0.04	1	0.73	0.096	11.6	0.6	0.37	64.3	0.040	5	1.04	0.085	0.17	<0.1	4.7	0.11
3195785	Rock		1.8	8.9	0.04	0.69	0.06	4	1.15	0.177	11.8	1.1	0.42	32.1	0.052	6	1.15	0.149	0.15	<0.1	8.2	0.12
3195786	Rock		1.5	5.5	0.06	0.57	<0.02	26	0.99	0.088	8.8	4.0	0.74	23.2	0.072	1	1.03	0.121	0.10	0.1	8.3	0.06
3195787	Rock		6.1	5.6	0.04	0.59	<0.02	43	0.99	0.038	8.6	46.7	1.03	38.5	0.058	3	0.97	0.110	0.24	0.1	6.6	0.12
NDM-WK-470	Rock		<0.1	153.8	0.05	0.34	0.37	33	1.67	0.051	0.8	2.0	0.26	22.2	0.004	13	2.53	0.247	0.12	23.0	1.0	<0.02
NDM-WK-471	Rock		0.4	45.4	0.47	0.45	0.06	28	0.69	0.028	4.2	12.6	0.24	16.0	0.017	10	0.99	0.131	0.08	0.2	1.0	<0.02
NDM-WK-472	Rock		3.5	30.5	11.27	0.84	0.29	114	0.33	0.055	195.9	127.8	3.93	97.9	0.081	6	5.62	0.055	0.30	0.2	8.3	0.04
NDM-WK-473	Rock		1.6	69.4	0.12	0.38	0.05	52	1.24	0.084	9.2	68.5	0.96	135.4	0.073	12	2.28	0.225	0.49	0.1	3.1	0.07
NDM-WK-474	Rock		0.7	15.1	0.05	0.46	0.03	44	0.85	0.033	6.0	50.4	0.71	106.0	0.084	2	0.99	0.110	0.22	<0.1	5.1	0.04
NDM-WK-475	Rock		0.2	20.3	0.06	0.30	0.17	38	1.32	0.557	1.3	9.0	1.09	11.4	0.007	4	1.52	0.055	0.03	<0.1	5.1	<0.02
NDM-WK-476	Rock		<0.1	1.4	0.89	12.29	0.36	27	0.13	0.011	0.7	1.2	0.24	3.6	0.008	1	0.62	0.020	0.02	19.6	6.2	0.02
NDM-WK-477	Rock		0.1	3.8	0.11	52.65	0.42	122	0.22	0.041	0.8	1.1	0.62	31.6	0.068	<1	1.49	0.029	0.14	59.7	12.8	0.11
NDM-WK-478	Rock		0.8	6.7	0.05	0.12	0.04	101	4.76	0.020	4.9	55.6	1.36	348.6	0.127	<1	1.74	0.112	0.97	<0.1	8.3	0.21
DRW1	Rock																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
	Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
	Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
3195781	Rock	0.26	<5	0.8	0.03	6.8															
3195782	Rock	0.75	27	5.8	3.93	5.4															
3195783	Rock	0.14	<5	0.3	0.03	7.3															
3195784	Rock	1.06	5	1.5	0.07	8.0															
3195785	Rock	1.03	<5	1.5	0.09	9.9															
3195786	Rock	0.09	<5	0.2	<0.02	5.6															
3195787	Rock	0.08	<5	0.1	<0.02	4.3															
NDM-WK-470	Rock	0.20	11	0.6	0.07	10.1															
NDM-WK-471	Rock	0.29	<5	0.3	0.04	3.9															
NDM-WK-472	Rock	0.16	61	0.7	0.06	25.5															
NDM-WK-473	Rock	0.08	<5	0.2	<0.02	7.7															
NDM-WK-474	Rock	0.10	<5	0.1	<0.02	3.5															
NDM-WK-475	Rock	0.02	25	<0.1	0.02	5.7															
NDM-WK-476	Rock	1.76	15	0.9	0.03	2.9															
NDM-WK-477	Rock	4.98	52	1.8	0.02	11.5															
NDM-WK-478	Rock	0.46	<5	0.9	0.05	7.7															
DRW1	Rock						0.5	177.4	37137.2	67	22.8	134.0	116	375	14.46	12664	<0.5	1.9	8	0.5	340.4

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

		Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
3195781	Rock																					
3195782	Rock																					
3195783	Rock																					
3195784	Rock																					
3195785	Rock																					
3195786	Rock																					
3195787	Rock																					
NDM-WK-470	Rock																					
NDM-WK-471	Rock																					
NDM-WK-472	Rock																					
NDM-WK-473	Rock																					
NDM-WK-474	Rock																					
NDM-WK-475	Rock																					
NDM-WK-476	Rock																					
NDM-WK-477	Rock																					
NDM-WK-478	Rock																					
DRW1	Rock		2.4	64	0.12	<0.01	2.8	347	0.60	59	0.100	1.89	0.21	0.43	5.1	20.7	7	0.8	7.1	1.4	<0.5	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

CERTIFICATE OF ANALYSIS VAN18002641.1

Method		MA270	MA270	MA270	MA270	MA270	MA270	FA330
Analyte		Sc	Li	S	Rb	Hf	Se	Au
Unit		ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	0.5	0.05	0.5	0.5	5	2
3195781	Rock							
3195782	Rock							>10000
3195783	Rock							
3195784	Rock							
3195785	Rock							
3195786	Rock							
3195787	Rock							
NDM-WK-470	Rock							
NDM-WK-471	Rock							
NDM-WK-472	Rock							
NDM-WK-473	Rock							
NDM-WK-474	Rock							
NDM-WK-475	Rock							
NDM-WK-476	Rock							3854
NDM-WK-477	Rock							>10000
NDM-WK-478	Rock							
DRW1	Rock	12	7.9	7.66	11.3	0.8	<5	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

	Method	WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
	Unit	kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
Pulp Duplicates																					
3195041	Rock	1.17	<20	<0.9						0.19	152.28	1.68	29.1	69	4.5	32.9	373	3.95	9.8	<0.1	<0.2
REP 3195041	QC		<20	<0.9																	
3195047	Rock	1.79	<20	<0.9						0.20	100.86	2.24	26.1	42	13.8	26.1	367	3.12	167.1	<0.1	16.2
REP 3195047	QC									0.21	99.15	2.15	28.4	49	15.1	26.6	402	3.16	167.2	<0.1	84.3
3195049	Rock	2.41	<20	<0.9						0.17	152.22	1.24	20.4	61	15.6	18.5	297	2.12	15.3	<0.1	4.2
REP 3195049	QC									0.16	147.10	1.21	20.4	66	15.3	18.8	308	2.13	14.8	<0.1	3.8
3195658	Rock	2.15			5	<3	<2			0.21	260.69	1.03	26.3	78	23.0	21.1	311	2.74	42.3	<0.1	1.1
REP 3195658	QC				5	<3	<2														
3195670	Rock Pulp	0.04			I.S.	I.S.	I.S.			2.35	87.87	3.37	32.6	137	4.8	8.4	336	2.41	0.7	0.7	2.0
REP 3195670	QC									2.34	84.94	3.22	32.0	107	4.6	8.5	333	2.41	0.8	0.7	11.3
3195671	Rock	2.28			5	<3	<2			0.34	114.45	1.76	50.0	81	2.4	32.0	667	5.98	17.5	<0.1	3.7
REP 3195671	QC				5	<3	<2														
3195697	Rock	1.56			252	<3	<2			0.48	86.79	1.30	49.1	104	4.8	37.3	566	6.08	360.4	<0.1	126.8
REP 3195697	QC				212	<3	<2														
3195702	Rock	1.48			15	10	7			0.14	4.28	0.87	34.2	56	44.8	23.8	375	2.73	33.2	<0.1	17.1
REP 3195702	QC				26	13	7														
3195706	Rock	1.36			156	6	9			0.21	74.27	1.02	27.2	144	44.8	26.5	683	3.39	228.8	<0.1	68.5
REP 3195706	QC									0.20	74.40	1.00	27.6	150	43.6	26.3	671	3.33	225.8	<0.1	154.2
3195723	Rock	1.91			2003	5	4			1.75	38.90	3.98	129.0	142	66.7	46.2	1781	10.18	>10000	0.9	1729.1
REP 3195723	QC				1835	6	7														
3195727	Rock	1.88			8012	7	10			2.05	57.18	3.96	92.1	294	67.1	41.0	1090	9.69	>10000	0.6	8268.8
REP 3195727	QC																				
3195735	Rock	1.50			6	<3	4			0.49	2.37	7.45	27.4	27	2.5	2.6	685	2.17	2.9	1.6	2.4
REP 3195735	QC				7	<3	<2														
3195741	Rock	1.46			4	10	10			1.05	116.01	11.46	101.0	134	80.1	55.6	1349	3.92	57.6	0.4	5.1
REP 3195741	QC									0.95	113.76	10.58	98.9	146	80.5	56.0	1357	3.93	57.4	0.4	4.5
3195756	Rock	1.60			5	6	15			0.19	280.34	1.65	53.5	112	181.9	39.3	452	3.43	1.4	<0.1	2.8
REP 3195756	QC				6	4	16														

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
Pulp Duplicates																					
3195041	Rock	0.2	4.4	0.07	0.71	<0.02	60	1.25	0.014	1.1	3.6	0.51	7.7	0.093	1	1.25	0.173	0.03	<0.1	11.7	<0.02
REP 3195041	QC																				
3195047	Rock	0.3	9.3	0.06	0.56	0.04	96	2.26	0.028	3.0	4.9	0.80	12.3	0.062	2	1.26	0.134	0.04	1.9	8.3	0.04
REP 3195047	QC	0.3	8.9	0.07	0.53	<0.02	102	2.27	0.031	2.9	5.3	0.81	12.1	0.059	<1	1.39	0.145	0.05	2.0	9.4	0.04
3195049	Rock	0.3	15.8	0.06	0.41	<0.02	87	1.70	0.026	2.4	6.5	0.65	15.8	0.075	2	1.27	0.179	0.06	<0.1	6.6	0.04
REP 3195049	QC	0.3	15.8	0.06	0.41	<0.02	89	1.70	0.025	2.4	6.3	0.65	15.3	0.074	2	1.30	0.178	0.06	<0.1	6.6	0.03
3195658	Rock	0.2	23.6	0.05	0.31	0.03	164	1.57	0.022	2.1	6.6	0.68	4.4	0.055	3	1.77	0.270	0.04	0.6	6.8	<0.02
REP 3195658	QC																				
3195670	Rock Pulp	2.2	59.2	0.05	0.11	0.05	86	0.77	0.053	5.9	9.4	0.67	116.2	0.087	1	1.33	0.164	0.20	3.4	2.0	0.04
REP 3195670	QC	2.1	59.6	0.06	0.12	0.05	87	0.77	0.052	5.8	9.5	0.67	114.0	0.087	<1	1.33	0.164	0.21	3.0	2.0	0.04
3195671	Rock	0.3	7.5	0.05	0.96	<0.02	74	2.29	0.032	2.7	1.0	0.72	4.4	0.078	1	2.00	0.237	0.04	0.1	18.0	<0.02
REP 3195671	QC																				
3195697	Rock	0.4	5.6	0.09	0.66	<0.02	119	1.82	0.072	4.4	1.9	0.84	44.6	0.079	1	2.11	0.208	0.09	2.2	17.7	0.06
REP 3195697	QC																				
3195702	Rock	1.0	9.8	0.16	0.33	<0.02	90	1.67	0.030	4.5	65.7	1.30	65.6	0.103	2	1.54	0.123	0.61	6.4	7.9	0.19
REP 3195702	QC																				
3195706	Rock	0.5	30.9	0.13	0.50	<0.02	98	4.31	0.021	8.0	58.5	1.35	50.8	0.126	2	2.22	0.132	0.68	12.8	9.8	0.21
REP 3195706	QC	0.4	30.0	0.10	0.54	<0.02	96	4.26	0.021	7.3	57.4	1.31	50.5	0.122	4	2.16	0.125	0.67	13.0	9.3	0.19
3195723	Rock	5.2	10.6	0.18	25.20	0.49	147	0.53	0.010	27.6	113.1	1.43	217.7	0.207	1	3.86	0.068	2.38	1.4	18.5	0.71
REP 3195723	QC																				
3195727	Rock	3.0	7.0	0.10	109.89	0.85	142	0.64	0.013	14.5	121.4	0.82	53.8	0.071	2	2.14	0.090	1.27	1.5	16.6	0.50
REP 3195727	QC																				
3195735	Rock	10.9	6.1	0.02	2.23	1.02	9	0.37	0.012	38.9	4.5	0.91	142.3	0.058	2	1.54	0.072	0.73	<0.1	2.0	0.20
REP 3195735	QC																				
3195741	Rock	2.6	24.1	0.16	7.35	0.15	228	1.90	0.026	13.1	207.1	1.07	221.9	0.269	2	2.97	0.174	1.67	0.2	21.0	0.35
REP 3195741	QC	2.5	23.8	0.14	8.10	0.15	227	1.91	0.027	12.9	200.3	1.07	219.1	0.264	2	3.02	0.170	1.65	0.1	20.4	0.35
3195756	Rock	0.7	19.6	0.08	0.64	<0.02	130	1.04	0.031	4.2	198.5	1.46	146.8	0.115	2	2.69	0.230	0.75	<0.1	11.8	0.41
REP 3195756	QC																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Analyte	S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
		Unit	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
Pulp Duplicates																						
3195041	Rock		0.38	11	0.6	<0.02	4.4															
REP 3195041	QC																					
3195047	Rock		0.18	6	0.3	<0.02	4.1															
REP 3195047	QC		0.18	<5	0.2	<0.02	4.6															
3195049	Rock		0.06	9	0.1	<0.02	3.4															
REP 3195049	QC		0.06	<5	0.2	<0.02	3.6															
3195658	Rock		0.11	13	0.1	<0.02	4.5															
REP 3195658	QC																					
3195670	Rock Pulp		<0.02	<5	<0.1	<0.02	4.2															
REP 3195670	QC		<0.02	<5	<0.1	<0.02	4.0															
3195671	Rock		0.31	<5	0.6	<0.02	7.9															
REP 3195671	QC																					
3195697	Rock		0.20	<5	0.4	<0.02	8.9															
REP 3195697	QC																					
3195702	Rock		<0.02	19	<0.1	0.04	4.8															
REP 3195702	QC																					
3195706	Rock		0.04	<5	<0.1	0.02	5.6															
REP 3195706	QC		0.04	<5	<0.1	<0.02	5.5															
3195723	Rock		0.81	<5	0.4	<0.02	12.3															
REP 3195723	QC																					
3195727	Rock		2.70	22	2.3	0.05	8.8															
REP 3195727	QC																					
3195735	Rock		<0.02	8	<0.1	<0.02	6.2															
REP 3195735	QC																					
3195741	Rock		0.16	19	0.2	0.03	9.1															
REP 3195741	QC		0.16	21	0.2	<0.02	9.1															
3195756	Rock		0.21	6	0.5	0.06	6.8															
REP 3195756	QC																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
Pulp Duplicates																						
3195041	Rock																					
REP 3195041	QC																					
3195047	Rock																					
REP 3195047	QC																					
3195049	Rock																					
REP 3195049	QC																					
3195658	Rock																					
REP 3195658	QC																					
3195670	Rock Pulp																					
REP 3195670	QC																					
3195671	Rock																					
REP 3195671	QC																					
3195697	Rock																					
REP 3195697	QC																					
3195702	Rock																					
REP 3195702	QC																					
3195706	Rock																					
REP 3195706	QC																					
3195723	Rock																					
REP 3195723	QC																					
3195727	Rock																					
REP 3195727	QC																					
3195735	Rock																					
REP 3195735	QC																					
3195741	Rock																					
REP 3195741	QC																					
3195756	Rock																					
REP 3195756	QC																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

	Method	MA270	MA270	MA270	MA270	MA270	MA270	FA330
	Analyte	Sc	Li	S	Rb	Hf	Se	Au
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	0.5	0.05	0.5	0.5	5	2
Pulp Duplicates								
3195041	Rock							
REP 3195041	QC							
3195047	Rock							
REP 3195047	QC							
3195049	Rock							
REP 3195049	QC							
3195658	Rock							
REP 3195658	QC							
3195670	Rock Pulp							
REP 3195670	QC							
3195671	Rock							
REP 3195671	QC							
3195697	Rock							
REP 3195697	QC							
3195702	Rock							
REP 3195702	QC							
3195706	Rock							
REP 3195706	QC							
3195723	Rock							1872
REP 3195723	QC							
3195727	Rock							7719
REP 3195727	QC							8292
3195735	Rock							
REP 3195735	QC							
3195741	Rock							
REP 3195741	QC							
3195756	Rock							
REP 3195756	QC							

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
3195768	Rock	2.12			5	37	24			0.29	470.10	1.15	46.3	85	719.3	73.9	305	5.54	1.4	0.1	2.7
REP 3195768	QC				8	35	25														
3195776	Rock	1.59			3	<3	<2			0.23	30.85	1.30	23.7	18	9.2	21.2	574	4.05	35.0	0.1	0.2
REP 3195776	QC									0.25	30.53	1.22	23.8	20	9.1	20.9	536	4.00	35.3	0.1	<0.2
NDM-WK-471	Rock	0.62			38	<3	2			0.29	543.84	4.22	76.5	763	29.1	15.5	79	1.50	2.6	0.1	34.9
REP NDM-WK-471	QC				40	<3	3														
DRW1	Rock	0.46						<20	3.3												
REP DRW1	QC																				
Core Reject Duplicates																					
3195056	Rock	1.58	<20	<0.9						0.25	159.84	2.48	39.8	71	5.6	32.6	525	4.38	50.3	<0.1	6.8
DUP 3195056	QC		<20	<0.9						0.22	155.27	2.41	41.5	71	5.2	32.9	525	4.41	50.1	<0.1	24.1
3195714	Rock	1.55			4	<3	4			0.37	7.16	10.74	16.3	41	3.9	2.0	522	1.46	26.2	1.4	<0.2
DUP 3195714	QC				5	<3	3			0.35	6.56	9.62	15.4	35	4.0	2.0	505	1.43	22.1	1.4	<0.2
3195748	Rock	1.55			4	<3	<2			1.40	99.45	13.46	168.1	126	14.0	12.4	378	4.76	4.5	0.5	2.2
DUP 3195748	QC				4	<3	<2			1.32	105.72	13.88	164.7	120	14.0	13.1	375	4.90	4.6	0.5	2.2
3195783	Rock	1.59			691	<3	<2			0.27	23.74	11.62	22.9	151	1.8	8.8	175	2.58	340.7	0.3	587.4
DUP 3195783	QC				520	<3	4			0.25	23.12	13.94	21.9	134	1.8	9.0	182	2.63	351.5	0.3	463.1
Reference Materials																					
STD AGPROOF	Standard							94	<0.9												
STD AGPROOF	Standard		93	<0.9																	
STD DS11	Standard									15.91	154.57	135.78	337.4	1718	82.6	14.2	1017	3.13	41.9	2.3	65.2
STD DS11	Standard									14.62	152.94	129.38	331.5	1672	82.1	14.3	989	3.14	41.4	2.0	76.5
STD DS11	Standard									15.17	150.00	138.28	337.0	1721	79.1	13.7	1030	3.07	42.0	2.6	82.4
STD DS11	Standard									14.36	149.78	137.05	339.2	1679	79.9	13.8	992	3.09	42.1	2.5	82.1
STD DS11	Standard									14.27	152.37	118.59	315.8	1536	81.3	13.7	988	3.05	39.6	2.3	60.8
STD DS11	Standard									13.13	145.62	133.55	326.2	1677	76.8	13.1	951	3.07	41.4	2.6	81.4
STD GBM398-4-MA	Standard																				
STD OREAS927-MA	Standard																				
STD OXC129	Standard									1.29	26.53	5.60	36.6	8	78.4	20.5	397	3.00	0.5	0.6	185.5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 1	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02
3195768	Rock	0.8	5.7	0.05	0.57	0.27	68	0.70	0.040	6.5	98.4	0.92	38.2	0.106	1	1.21	0.094	0.45	<0.1	4.9	0.34
REP 3195768	QC																				
3195776	Rock	0.9	6.3	0.04	0.59	<0.02	92	1.81	0.065	5.4	2.2	0.93	178.9	0.165	<1	1.55	0.138	0.59	0.1	11.0	0.41
REP 3195776	QC	0.8	6.5	0.04	0.62	<0.02	91	1.74	0.063	5.4	2.1	0.92	171.4	0.166	2	1.53	0.137	0.58	0.1	10.9	0.40
NDM-WK-471	Rock	0.4	45.4	0.47	0.45	0.06	28	0.69	0.028	4.2	12.6	0.24	16.0	0.017	10	0.99	0.131	0.08	0.2	1.0	<0.02
REP NDM-WK-471	QC																				
DRW1	Rock																				
REP DRW1	QC																				
Core Reject Duplicates																					
3195056	Rock	0.4	5.4	0.12	0.47	0.03	188	1.91	0.042	3.2	2.1	0.89	11.5	0.095	<1	1.66	0.200	0.03	0.1	16.0	0.02
DUP 3195056	QC	0.4	5.5	0.12	0.48	0.02	188	1.95	0.041	3.3	1.9	0.89	11.7	0.088	1	1.64	0.199	0.03	0.2	16.0	<0.02
3195714	Rock	10.5	13.8	<0.01	3.36	0.03	11	0.74	0.013	44.6	3.8	0.40	75.9	0.059	3	1.23	0.101	0.56	0.5	2.7	0.22
DUP 3195714	QC	10.6	13.1	0.01	3.45	0.02	10	0.69	0.012	45.7	3.9	0.39	75.4	0.057	2	1.17	0.096	0.55	0.8	2.6	0.22
3195748	Rock	3.1	6.0	0.18	4.93	0.19	13	0.23	0.026	5.0	8.2	0.92	70.7	0.079	2	1.75	0.033	0.96	<0.1	1.5	0.62
DUP 3195748	QC	3.2	6.1	0.19	4.69	0.17	13	0.25	0.025	5.1	8.5	0.95	70.5	0.078	2	1.78	0.036	1.00	<0.1	1.6	0.63
3195783	Rock	1.8	5.4	0.11	0.39	<0.02	3	0.75	0.094	10.8	0.9	0.64	87.9	0.062	2	0.99	0.116	0.27	0.8	6.0	0.08
DUP 3195783	QC	1.8	5.6	0.12	0.41	<0.02	3	0.79	0.090	10.8	1.3	0.65	87.6	0.064	2	0.99	0.109	0.27	0.8	6.5	0.09
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS11	Standard	6.9	65.2	2.37	8.41	11.39	50	1.05	0.066	18.1	61.7	0.83	367.7	0.094	7	1.15	0.073	0.40	3.3	3.2	5.08
STD DS11	Standard	6.7	59.4	2.15	7.88	10.50	49	1.00	0.066	16.0	60.1	0.83	332.2	0.086	5	1.13	0.073	0.40	2.8	3.0	4.56
STD DS11	Standard	8.0	66.2	2.35	8.79	11.84	49	1.04	0.069	18.8	59.9	0.82	348.6	0.094	7	1.17	0.072	0.40	2.9	2.9	4.83
STD DS11	Standard	7.6	64.9	2.32	8.51	11.56	49	1.05	0.068	17.8	58.9	0.82	356.1	0.093	7	1.13	0.072	0.40	2.9	2.9	4.77
STD DS11	Standard	6.7	57.7	2.11	7.43	9.59	49	1.03	0.063	15.3	61.1	0.83	327.2	0.089	7	1.16	0.072	0.40	2.5	3.1	4.33
STD DS11	Standard	7.7	64.9	2.33	9.16	12.49	46	1.00	0.064	17.4	55.3	0.80	339.5	0.089	6	1.06	0.067	0.38	2.9	2.8	4.63
STD GBM398-4-MA	Standard																				
STD OREAS927-MA	Standard																				
STD OXC129	Standard	1.5	188.5	0.01	0.03	<0.02	53	0.71	0.090	10.6	52.9	1.41	44.7	0.413	<1	1.54	0.578	0.36	0.1	1.0	0.03

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	MA270 Mo ppm 0.5	MA270 Cu ppm 0.5	MA270 Pb ppm 0.5	MA270 Zn ppm 5	MA270 Ag ppm 0.5	MA270 Ni ppm 0.5	MA270 Co ppm 1	MA270 Mn ppm 5	MA270 Fe % 0.01	MA270 As ppm 5	MA270 U ppm 0.5	MA270 Th ppm 0.5	MA270 Sr ppm 5	MA270 Cd ppm 0.5	MA270 Sb ppm 0.5
3195768	Rock	2.60	<5	2.0	0.47	3.9															
REP 3195768	QC																				
3195776	Rock	0.10	<5	0.1	<0.02	6.5															
REP 3195776	QC	0.10	<5	0.2	<0.02	6.4															
NDM-WK-471	Rock	0.29	<5	0.3	0.04	3.9															
REP NDM-WK-471	QC																				
DRW1	Rock						0.5	177.4	37137.2	67	22.8	134.0	116	375	14.46	12664	<0.5	1.9	8	0.5	340.4
REP DRW1	QC						<0.5	169.6	38749.0	67	21.0	126.5	118	333	14.52	12314	0.5	1.8	9	0.5	333.2
Core Reject Duplicates																					
3195056	Rock	0.22	11	0.6	<0.02	6.3															
DUP 3195056	QC	0.22	15	0.4	<0.02	6.0															
3195714	Rock	<0.02	<5	<0.1	<0.02	4.9															
DUP 3195714	QC	<0.02	<5	<0.1	<0.02	4.9															
3195748	Rock	0.67	157	2.9	0.14	6.1															
DUP 3195748	QC	0.69	163	3.2	0.13	6.1															
3195783	Rock	0.14	<5	0.3	0.03	7.3															
DUP 3195783	QC	0.15	<5	0.4	0.06	7.1															
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS11	Standard	0.27	272	2.2	4.86	4.9															
STD DS11	Standard	0.27	255	2.0	4.49	4.8															
STD DS11	Standard	0.27	282	2.1	4.72	4.8															
STD DS11	Standard	0.28	234	1.9	4.54	4.9															
STD DS11	Standard	0.28	237	1.8	4.22	4.9															
STD DS11	Standard	0.27	263	2.1	4.42	4.4															
STD GBM398-4-MA	Standard						891.6	3886.1	11137.4	5248	47.8	4072.4	1954	5268	5.00	8	0.8	1.2	57	9.7	8.7
STD OREAS927-MA	Standard						1.1	10686.5	228.3	725	5.4	31.8	32	1311	8.58	6	2.7	14.7	30	1.1	1.8
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	5.4															

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270 Bi ppm 0.5	MA270 V ppm 10	MA270 Ca % 0.01	MA270 P % 0.01	MA270 La ppm 0.5	MA270 Cr ppm 1	MA270 Mg % 0.01	MA270 Ba ppm 5	MA270 Ti % 0.001	MA270 Al % 0.01	MA270 Na % 0.01	MA270 K % 0.01	MA270 W ppm 0.5	MA270 Zr ppm 0.5	MA270 Ce ppm 5	MA270 Sn ppm 0.5	MA270 Y ppm 0.5	MA270 Nb ppm 0.5	MA270 Ta ppm 0.5	MA270 Be ppm 5
3195768	Rock																				
REP 3195768	QC																				
3195776	Rock																				
REP 3195776	QC																				
NDM-WK-471	Rock																				
REP NDM-WK-471	QC																				
DRW1	Rock	2.4	64	0.12	<0.01	2.8	347	0.60	59	0.100	1.89	0.21	0.43	5.1	20.7	7	0.8	7.1	1.4	<0.5	<5
REP DRW1	QC	2.3	65	0.09	<0.01	3.1	341	0.61	60	0.101	1.91	0.21	0.36	4.8	20.4	7	1.0	6.7	1.5	<0.5	<5
Core Reject Duplicates																					
3195056	Rock																				
DUP 3195056	QC																				
3195714	Rock																				
DUP 3195714	QC																				
3195748	Rock																				
DUP 3195748	QC																				
3195783	Rock																				
DUP 3195783	QC																				
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD GBM398-4-MA	Standard	11.2	68	1.25	0.05	3.7	1539	0.54	46	0.226	5.04	1.50	3.30	3.8	98.0	9	5.4	7.3	2.0	<0.5	<5
STD OREAS927-MA	Standard	65.6	75	0.40	0.05	38.6	64	2.09	320	0.309	6.35	0.17	1.91	7.6	91.6	75	21.4	18.8	10.3	0.9	<5
STD OXC129	Standard																				

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270 Sc ppm 1	MA270 Li ppm 0.5	MA270 S % 0.05	MA270 Rb ppm 0.5	MA270 Hf ppm 0.5	MA270 Se ppm 5	FA330 Au ppb 2
3195768	Rock							
REP 3195768	QC							
3195776	Rock							
REP 3195776	QC							
NDM-WK-471	Rock							
REP NDM-WK-471	QC							
DRW1	Rock	12	7.9	7.66	11.3	0.8	<5	
REP DRW1	QC	12	7.5	7.76	11.0	0.6	<5	
Core Reject Duplicates								
3195056	Rock							
DUP 3195056	QC							
3195714	Rock							
DUP 3195714	QC							
3195748	Rock							
DUP 3195748	QC							
3195783	Rock							
DUP 3195783	QC							
Reference Materials								
STD AGPROOF	Standard							
STD AGPROOF	Standard							
STD DS11	Standard							
STD DS11	Standard							
STD DS11	Standard							
STD DS11	Standard							
STD DS11	Standard							
STD DS11	Standard							
STD GBM398-4-MA	Standard	7	7.6	0.93	763.8	1.5	<5	
STD OREAS927-MA	Standard	11	34.2	1.48	126.9	2.9	15	
STD OXC129	Standard							

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
STD OXC129	Standard									1.34	28.02	5.49	39.3	13	82.9	20.9	407	3.07	0.6	0.6	186.1
STD OXC129	Standard									1.32	27.27	6.54	39.4	9	81.1	20.3	422	3.02	1.2	0.7	198.4
STD OXC129	Standard									1.26	27.02	6.00	38.4	12	79.2	20.2	405	2.97	0.6	0.7	187.0
STD OXC129	Standard									1.33	27.93	5.28	37.3	10	82.3	20.3	407	3.00	0.4	0.6	183.2
STD OXC129	Standard									1.32	27.48	6.55	38.8	6	79.1	20.1	400	2.97	0.7	0.7	202.0
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard							124	35.6												
STD OXQ114	Standard		126	35.6																	
STD PD05	Standard				497	439	618														
STD PD05	Standard				506	436	614														
STD PD05	Standard				530	452	630														
STD PD05	Standard				509	438	625														
STD PD05	Standard				506	449	631														
STD PG04	Standard				954	890	1191														
STD PG04	Standard				1002	937	1271														
STD PG04	Standard				981	930	1244														
STD PG04	Standard				978	908	1258														
STD SP49	Standard							64	18.0												
STD SP49	Standard		60	18.5																	
STD AGPROOF Expected			94	0				94	0												
STD SP49 Expected			60.2	18.34				60.2	18.34												
STD OXQ114 Expected			127.1	35.2				127.1	35.2												
STD OXC145 Expected																					
STD OXH139 Expected																					
STD OXC129 Expected										1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195
STD DS11 Expected										14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79
STD GBM398-4-MA Expected																					
STD OREAS927-MA Expected																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 1	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02
STD OXC129	Standard	1.6	183.7	0.02	0.03	<0.02	52	0.66	0.093	10.8	54.2	1.45	46.1	0.405	1	1.55	0.591	0.37	<0.1	0.8	0.03
STD OXC129	Standard	1.9	196.8	<0.01	0.04	<0.02	51	0.69	0.101	13.0	52.9	1.51	51.0	0.388	1	1.60	0.591	0.36	<0.1	1.3	0.03
STD OXC129	Standard	1.8	177.0	0.01	0.04	<0.02	51	0.65	0.100	11.9	52.6	1.49	48.1	0.402	<1	1.49	0.569	0.35	<0.1	0.7	0.03
STD OXC129	Standard	1.7	172.1	<0.01	0.04	<0.02	51	0.66	0.093	10.7	54.3	1.50	45.3	0.412	<1	1.56	0.579	0.36	<0.1	1.0	0.03
STD OXC129	Standard	2.0	176.3	<0.01	0.04	0.02	49	0.60	0.099	13.3	51.9	1.44	48.2	0.433	<1	1.44	0.580	0.35	<0.1	0.7	0.04
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXC145 Expected																					
STD OXH139 Expected																					
STD OXC129 Expected		1.9		0.03	0.04		51	0.684	0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03
STD DS11 Expected		7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9
STD GBM398-4-MA Expected																					
STD OREAS927-MA Expected																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	MA270 Mo ppm 0.5	MA270 Cu ppm 0.5	MA270 Pb ppm 0.5	MA270 Zn ppm 5	MA270 Ag ppm 0.5	MA270 Ni ppm 0.5	MA270 Co ppm 1	MA270 Mn ppm 5	MA270 Fe % 0.01	MA270 As ppm 5	MA270 U ppm 0.5	MA270 Th ppm 0.5	MA270 Sr ppm 5	MA270 Cd ppm 0.5	MA270 Sb ppm 0.5
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	5.3															
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	5.5															
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	5.2															
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	5.1															
STD OXC129	Standard	<0.02	<5	<0.1	<0.02	4.9															
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXC145 Expected																					
STD OXH139 Expected																					
STD OXC129 Expected						5.5															
STD DS11 Expected		0.2835	260	2.2	4.56	5.1															
STD GBM398-4-MA Expected							900	3930	11645	5212	49.7	4110	2000	5300	5.05	7	0.8	1.1	53	7.9	9.52
STD OREAS927-MA Expected							1.06	10800	223	772	4.6	31	31	1217	8.56	9.2	2.7	14.4	29.3	1.05	1.9

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270 Bi ppm 0.5	MA270 V ppm 10	MA270 Ca % 0.01	MA270 P % 0.01	MA270 La ppm 0.5	MA270 Cr ppm 1	MA270 Mg % 0.01	MA270 Ba ppm 5	MA270 Ti % 0.001	MA270 Al % 0.01	MA270 Na % 0.01	MA270 K % 0.01	MA270 W ppm 0.5	MA270 Zr ppm 0.5	MA270 Ce ppm 5	MA270 Sn ppm 0.5	MA270 Y ppm 0.5	MA270 Nb ppm 0.5	MA270 Ta ppm 0.5	MA270 Be ppm 5
STD OXC129	Standard																				
STD OXC129	Standard																				
STD OXC129	Standard																				
STD OXC129	Standard																				
STD OXC129	Standard																				
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXC145 Expected																					
STD OXH139 Expected																					
STD OXC129 Expected																					
STD DS11 Expected																					
STD GBM398-4-MA Expected		10.9	61	1.27	0.047	4	1570	0.55	45	0.229	5.08	1.54	3.26	4	113	9	5.8	7.5	2	0.2	
STD OREAS927-MA Expected		62.7	77	0.388	0.0542	39	63	2.11	314	0.3165	6.41	0.173	1.87	8.1	94	73	22.3	19.2	11	0.86	1.8

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270 Sc ppm 1	MA270 Li ppm 0.5	MA270 S % 0.05	MA270 Rb ppm 0.5	MA270 Hf ppm 0.5	MA270 Se ppm 5	FA330 Au ppb 2
STD OXC129	Standard							
STD OXC129	Standard							
STD OXC129	Standard							
STD OXC129	Standard							
STD OXC129	Standard							
STD OXC145	Standard							215
STD OXH139	Standard							1346
STD OXQ114	Standard							
STD OXQ114	Standard							
STD PD05	Standard							
STD PD05	Standard							
STD PD05	Standard							
STD PD05	Standard							
STD PD05	Standard							
STD PG04	Standard							
STD PG04	Standard							
STD PG04	Standard							
STD PG04	Standard							
STD SP49	Standard							
STD SP49	Standard							
STD AGPROOF Expected								
STD SP49 Expected								
STD OXQ114 Expected								
STD OXC145 Expected								212
STD OXH139 Expected								1312
STD OXC129 Expected								
STD DS11 Expected								
STD GBM398-4-MA Expected		7.16	7	0.92	731	2.8		
STD OREAS927-MA Expected		11	35.1	1.54	121	2.74	16	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		WGHT	FA550	FA550	FA330	FA330	FA330	FA530	FA530	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Ag	Au	Au	Pt	Pd	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
		kg	gm/t	gm/t	ppb	ppb	ppb	gm/t	gm/t	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb
		0.01	20	0.9	2	3	2	20	0.9	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
STD PD05 Expected					519	430	596														
STD PG04 Expected					1004	903	1196														
BLK	Blank									<0.01	0.03	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2
BLK	Blank									<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2
BLK	Blank									<0.01	0.03	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.5	<0.1	<0.2
BLK	Blank									<0.01	0.06	0.01	0.2	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2
BLK	Blank									<0.01	0.01	0.01	0.3	<2	0.2	<0.1	<1	<0.01	<0.1	<0.1	<0.2
BLK	Blank				3	<3	<2														
BLK	Blank				3	<3	<2														
BLK	Blank				3	4	2														
BLK	Blank				3	<3	<2														
BLK	Blank							<20	<0.9												
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank				3	<3	<2														
BLK	Blank																				
BLK	Blank																				
BLK	Blank									<0.01	0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2
BLK	Blank																				
BLK	Blank				3	<3	<2														
BLK	Blank				2	<3	<2														
BLK	Blank				2	<3	<2														
BLK	Blank				3	<3	<2														
Prep Wash																					
ROCK-VAN	Prep Blank		<20	<0.9	3	<3	<2	<20	<0.9	0.78	4.09	1.19	27.8	10	1.1	3.9	451	1.89	2.4	0.4	0.5
ROCK-VAN	Prep Blank		<20	<0.9	2	<3	<2	<20	<0.9	0.82	2.60	1.17	27.7	7	0.9	3.5	455	1.81	2.5	0.4	<0.2

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
		0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02
STD PD05 Expected																					
STD PG04 Expected																					
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	2.3	21.6	<0.01	0.06	0.03	26	0.58	0.039	6.8	3.6	0.44	47.4	0.063	4	0.89	0.084	0.08	<0.1	2.6	<0.02
ROCK-VAN	Prep Blank	2.1	22.8	0.02	0.05	0.02	23	0.64	0.038	6.2	4.2	0.43	57.7	0.066	3	0.87	0.087	0.09	<0.1	2.9	<0.02

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON

Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		AQ251	AQ251	AQ251	AQ251	AQ251	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		S	Hg	Se	Te	Ga	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb
		%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	5	0.1	0.02	0.1	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5
STD PD05 Expected																					
STD PG04 Expected																					
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.02	<5	<0.1	<0.02	<0.1															
BLK	Blank						<0.5	1.0	1.5	7	<0.5	<0.5	<1	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	<0.02	<5	<0.1	<0.02	3.8	<0.5	8.8	2.6	35	<0.5	2.0	4	665	2.21	<5	1.1	2.5	184	<0.5	<0.5
ROCK-VAN	Prep Blank	<0.02	<5	<0.1	<0.02	3.6	0.9	5.0	4.1	37	<0.5	0.9	3	641	2.11	8	1.4	3.2	193	<0.5	<0.5

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270
		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5
STD PD05 Expected																					
STD PG04 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<10	<0.01	<0.01	<0.5	<1	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<5
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	<0.5	40	1.45	0.04	11.8	2	0.51	732	0.206	6.54	3.32	1.70	<0.5	54.4	25	0.7	14.3	5.3	<0.5	<5
ROCK-VAN	Prep Blank	<0.5	33	1.52	0.04	15.0	4	0.47	780	0.201	7.17	3.40	1.76	<0.5	53.7	28	0.6	16.3	5.3	<0.5	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 31, 2018

QUALITY CONTROL REPORT VAN18002641.1

		MA270 Sc ppm 1	MA270 Li ppm 0.5	MA270 S % 0.05	MA270 Rb ppm 0.5	MA270 Hf ppm 0.5	MA270 Se ppm 5	FA330 Au ppb 2
STD PD05 Expected								
STD PG04 Expected								
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							2
BLK	Blank							4
BLK	Blank							
BLK	Blank	<1	<0.5	<0.05	<0.5	<0.5	<5	
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
Prep Wash								
ROCK-VAN	Prep Blank	7	2.3	<0.05	33.9	1.9	<5	
ROCK-VAN	Prep Blank	7	2.6	<0.05	39.1	1.7	<5	

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: September 25, 2018
Report Date: October 25, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN18002643.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID: NDM-18-09
P.O. Number
Number of Samples: 4

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	4	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			VAN
FA550	2	50g Lead collection fire assay fusion - grav finish	50	Completed	VAN
EN002	4	Environmental disposal charge-Fire assay lead waste			VAN
FA330	2	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
AQ251_REE	4	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: New Discovery Mines Ltd.
6120 185A St.
Surrey British Columbia V3S 7P9
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 25, 2018

CERTIFICATE OF ANALYSIS VAN18002643.1

	Method	WGHT	FA550	FA550	FA330	FA330	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Ag	Au	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	kg	gm/t	gm/t	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.01	20	0.9	2	3	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
3195068	Rock	1.73	<20	<0.9				0.45	55.43	85.12	114.5	202	1.8	20.7	543	4.70	21.5	0.2	2.2	1.0	6.5
3195069	Rock	2.02	<20	<0.9				0.22	12.53	2.01	21.7	37	0.9	6.6	165	1.86	386.5	0.5	4.9	3.4	1.7
3195657	Rock	1.96			4	4	<2	0.13	311.95	0.80	25.4	74	24.2	20.3	284	2.64	14.7	<0.1	1.1	0.2	24.7
3195772	Rock	1.42			6	8	15	0.12	314.96	2.69	65.2	118	409.5	41.5	254	3.31	1.4	<0.1	3.0	0.7	15.7

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 25, 2018

CERTIFICATE OF ANALYSIS VAN18002643.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
		Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
		MDL	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
3195068	Rock		1.41	0.43	<0.02	24	2.16	0.316	10.4	0.9	0.45	29.7	0.063	13	1.17	0.151	0.06	<0.1	8.7	0.05	0.19	11
3195069	Rock		0.02	0.32	0.04	11	0.16	0.038	14.3	0.9	0.37	29.4	0.044	<1	0.71	0.096	0.24	0.5	4.7	0.08	0.03	15
3195657	Rock		0.08	0.35	<0.02	271	1.55	0.023	1.6	8.7	0.61	4.9	0.069	3	1.77	0.282	0.04	<0.1	6.1	<0.02	0.13	39
3195772	Rock		0.19	0.44	0.03	30	0.81	0.023	5.5	48.0	1.80	8.9	0.026	<1	2.32	0.120	0.03	<0.1	2.3	0.03	0.40	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 25, 2018

CERTIFICATE OF ANALYSIS VAN18002643.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Se	Te	Ga	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.02	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3195068	Rock	0.4	<0.02	7.3	4.32	22.08	5.69	1.28	6.45	0.88	4.69	0.89	2.36	0.27	1.75	0.23
3195069	Rock	<0.1	<0.02	5.0	5.30	22.91	5.37	0.86	4.13	0.51	1.81	0.29	0.58	0.08	0.59	0.07
3195657	Rock	0.4	0.02	4.7	0.55	2.77	0.55	0.20	0.87	0.11	0.89	0.17	0.50	0.08	0.50	0.07
3195772	Rock	0.5	0.06	4.6	1.22	5.03	0.91	0.24	0.88	0.12	0.58	0.08	0.25	0.02	0.16	0.02

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON

Report Date: October 25, 2018

QUALITY CONTROL REPORT VAN18002643.1

		Method	WGHT	FA550	FA550	FA330	FA330	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Wgt	Ag	Au	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	kg	gm/t	gm/t	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.01	20	0.9	2	3	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
Pulp Duplicates																						
3195068	Rock		1.73	<20	<0.9				0.45	55.43	85.12	114.5	202	1.8	20.7	543	4.70	21.5	0.2	2.2	1.0	6.5
REP 3195068	QC			<20	<0.9																	
Reference Materials																						
STD AGPROOF	Standard			94	<0.9																	
STD DS11	Standard								13.03	149.25	137.23	334.3	1684	78.1	14.0	1023	3.10	42.6	2.5	71.8	7.5	61.7
STD OXC129	Standard								1.28	26.22	6.30	42.9	5	78.7	19.7	415	2.97	0.6	0.7	193.6	1.8	169.2
STD OXQ114	Standard			124	35.4																	
STD PD05	Standard					521	433	615														
STD SP49	Standard			57	18.5																	
STD AGPROOF Expected				94	0																	
STD SP49 Expected				60.2	18.34																	
STD OXQ114 Expected				127.1	35.2																	
STD PD05 Expected						519	430	596														
STD OXC129 Expected									1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9	
STD DS11 Expected									14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3
BLK	Blank			<20	<0.9																	
BLK	Blank					4	4	<2														
BLK	Blank								<0.01	0.08	<0.01	<0.1	<2	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5
Prep Wash																						
ROCK-VAN	Prep Blank			<20	<0.9	2	3	<2	0.74	3.51	1.08	30.1	9	1.0	4.1	497	1.80	0.6	0.4	1.1	2.4	19.6
ROCK-VAN	Prep Blank			<20	<0.9	<2	<3	<2	0.92	3.23	1.07	29.5	15	0.9	3.7	461	1.70	0.9	0.4	0.9	2.2	17.9

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 25, 2018

QUALITY CONTROL REPORT VAN18002643.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
		Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
		MDL	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
Pulp Duplicates																						
3195068	Rock		1.41	0.43	<0.02	24	2.16	0.316	10.4	0.9	0.45	29.7	0.063	13	1.17	0.151	0.06	<0.1	8.7	0.05	0.19	11
REP 3195068	QC																					
Reference Materials																						
STD AGPROOF	Standard																					
STD DS11	Standard		2.30	8.25	11.79	49	1.01	0.067	16.5	58.7	0.83	337.2	0.087	7	1.09	0.069	0.39	3.2	3.0	4.98	0.28	262
STD OXC129	Standard		<0.01	0.04	<0.02	51	0.61	0.099	12.4	51.8	1.51	47.5	0.390	<1	1.51	0.582	0.35	<0.1	0.9	0.03	<0.02	<5
STD OXQ114	Standard																					
STD PD05	Standard																					
STD SP49	Standard																					
STD AGPROOF Expected																						
STD SP49 Expected																						
STD OXQ114 Expected																						
STD PD05 Expected																						
STD OXC129 Expected			0.03	0.04		51	0.684	0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03		
STD DS11 Expected			2.37	8.74	12.2	50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	5
Prep Wash																						
ROCK-VAN	Prep Blank		<0.01	<0.02	<0.02	24	0.62	0.043	6.2	2.9	0.44	56.7	0.070	2	0.85	0.090	0.08	<0.1	2.9	<0.02	<0.02	7
ROCK-VAN	Prep Blank		0.02	<0.02	<0.02	23	0.57	0.042	5.9	1.9	0.42	50.3	0.061	3	0.80	0.087	0.08	<0.1	2.6	0.02	<0.02	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: October 25, 2018

QUALITY CONTROL REPORT VAN18002643.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Se	Te	Ga	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.1	0.02	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Pulp Duplicates																	
3195068	Rock		0.4	<0.02	7.3	4.32	22.08	5.69	1.28	6.45	0.88	4.69	0.89	2.36	0.27	1.75	0.23
REP 3195068	QC																
Reference Materials																	
STD AGPROOF	Standard																
STD DS11	Standard		2.3	4.95	4.7	3.37	13.20	2.39	0.46	2.22	0.28	1.64	0.24	0.86	0.10	0.72	0.11
STD OXC129	Standard		<0.1	<0.02	5.2	2.40	9.34	1.64	0.46	1.64	0.17	0.86	0.15	0.44	0.05	0.33	0.04
STD OXQ114	Standard																
STD PD05	Standard																
STD SP49	Standard																
STD AGPROOF Expected																	
STD SP49 Expected																	
STD OXQ114 Expected																	
STD PD05 Expected																	
STD OXC129 Expected					5.5	2.64	9.4	1.6	0.47	1.31	0.19	0.99	0.18	0.45	0.06	0.38	0.05
STD DS11 Expected			2.2	4.56	5.1	4	14.9	2.68	0.54	2.22	0.29	1.57	0.29	0.81	0.11	0.75	0.11
BLK	Blank																
BLK	Blank																
BLK	Blank		<0.1	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prep Wash																	
ROCK-VAN	Prep Blank		0.1	<0.02	3.8	1.61	6.75	1.66	0.31	1.32	0.21	1.48	0.32	1.01	0.14	0.93	0.13
ROCK-VAN	Prep Blank		<0.1	<0.02	3.7	1.55	6.50	1.43	0.30	1.53	0.20	1.35	0.29	0.96	0.12	0.81	0.11

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: July 05, 2012
Report Date: July 31, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12003113.1

CLIENT JOB INFORMATION

Project: Tailings
Shipment ID: MGM1
P.O. Number
Number of Samples: 46

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	46	Sorting of samples on arrival and labeling			VAN
P200	46	Pulverize to 85% passing 200 mesh			VAN
Air Dry	46	Air Dry			VAN
G6	46	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	46	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: New Discovery Mines Ltd.
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

CERTIFICATE OF ANALYSIS VAN12003113.1

Method		G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1717201	Tailing	6.07	1.6	177.1	949.2	929	3.1	59.2	19.9	217	2.80	378.4	9185	2.2	12	7.2	0.6	4.2	38	0.60	0.025
1717203	Tailing	3.68	0.9	115.6	512.2	571	1.5	51.1	18.9	317	2.91	213.0	3421	5.6	17	4.2	0.4	2.3	47	0.42	0.036
1717204	Tailing	3.36	1.3	140.1	416.9	316	1.4	39.1	14.1	235	2.63	261.2	3625	3.0	14	2.0	0.4	1.9	41	0.58	0.030
1717205	Tailing	4.94	1.0	142.1	558.8	550	2.3	56.0	19.9	249	2.71	310.2	6387	3.4	14	3.7	0.4	2.4	40	0.52	0.029
1717206	Tailing	2.93	1.4	163.4	706.4	754	1.9	78.7	24.4	337	3.01	289.8	3496	3.0	16	5.2	0.5	3.2	47	0.68	0.031
1717208	Tailing	3.49	1.2	164.1	763.3	739	2.1	74.7	24.1	348	3.07	305.0	4071	3.7	17	5.1	0.5	3.6	47	0.64	0.034
1717211	Tailing	2.74	1.5	185.2	688.1	792	1.7	84.6	26.5	289	3.02	252.3	3031	3.1	15	4.9	0.5	3.2	47	0.64	0.035
1717212	Tailing	4.71	1.2	191.6	850.7	931	3.0	72.0	24.0	272	3.15	360.1	7279	2.5	15	6.4	0.5	3.6	45	0.71	0.027
1717213	Tailing	3.46	1.1	152.2	523.4	384	1.6	41.3	13.4	228	2.65	290.0	4069	2.9	16	2.5	0.4	2.5	42	0.61	0.028
1717214	Tailing	3.53	1.7	276.6	1763	1590	3.8	110.1	36.2	373	3.81	455.9	4885	3.5	20	11.0	0.9	9.7	60	0.83	0.033
1717215	Tailing	5.37	1.9	192.9	1071	963	2.8	78.6	26.9	290	3.13	379.6	6383	2.8	15	6.4	0.6	5.0	46	0.71	0.029
1717216	Tailing	3.26	1.4	156.3	793.2	895	2.5	79.0	25.8	313	2.88	289.8	3438	2.9	14	5.6	1.0	3.5	42	0.69	0.031
1717217	Tailing	2.17	1.4	181.9	641.1	598	1.6	68.7	19.7	268	3.07	257.3	2484	3.2	16	4.8	0.4	3.0	51	0.70	0.031
1717218	Tailing	4.32	1.5	184.5	822.9	780	2.1	65.1	21.2	244	3.02	398.0	4398	2.5	16	5.9	0.6	3.4	44	0.68	0.028
1717219	Tailing	2.53	1.9	202.2	735.3	647	1.8	76.5	24.1	299	3.44	257.0	2492	3.4	20	3.2	0.5	3.6	54	0.78	0.033
1717220	Tailing	6.55	2.1	129.0	561.3	530	2.8	72.8	25.3	316	3.37	376.2	8684	4.5	13	3.2	0.5	2.3	60	0.65	0.055
1717221	Tailing	5.27	1.5	184.1	936.3	933	2.4	78.6	27.1	305	3.14	384.5	4661	3.3	15	6.2	0.6	4.3	51	0.69	0.037
1717222	Tailing	5.83	1.7	170.8	864.6	776	3.1	67.8	22.8	272	3.17	409.6	6946	3.6	15	5.4	0.5	4.1	50	0.71	0.036
1717223	Tailing	2.24	1.7	135.0	774.6	707	1.9	75.2	22.3	288	2.84	300.2	2266	3.3	15	4.2	0.6	3.3	45	0.72	0.032
1717224	Tailing	3.63	1.6	153.3	687.7	768	2.1	73.6	23.0	321	3.22	274.6	4870	3.6	15	4.8	0.5	3.2	54	0.70	0.042
1717225	Tailing	2.62	1.8	167.2	926.1	946	2.2	81.1	24.6	334	3.20	278.4	2381	3.5	17	6.6	0.6	4.5	53	0.75	0.035
1717226	Tailing	3.50	1.8	157.5	682.2	738	2.0	68.6	20.7	299	3.27	278.0	3896	3.7	16	5.4	0.5	2.9	55	0.69	0.040
1717227	Tailing	2.84	2.0	162.8	904.3	829	2.2	75.0	21.9	336	3.20	285.1	2892	3.5	19	6.3	0.5	4.1	55	0.75	0.034
1717228	Tailing	3.44	1.6	140.3	613.7	644	1.9	81.0	28.3	407	3.57	312.8	3776	4.9	17	3.5	0.5	2.6	68	0.74	0.057
1717229	Tailing	2.80	1.7	139.5	736.3	785	1.9	81.8	26.7	323	3.05	319.3	2379	3.5	16	4.3	0.5	3.0	50	0.71	0.038
1717230	Tailing	3.66	1.3	181.4	775.1	823	2.2	75.3	25.2	307	3.11	281.4	4348	3.2	16	5.9	0.6	3.5	51	0.68	0.031
1717231	Tailing	3.18	1.3	168.8	856.1	872	2.2	80.8	23.6	312	2.96	303.6	2814	2.4	15	6.6	0.7	3.9	45	0.72	0.027
1717232	Tailing	3.11	1.3	183.2	785.8	740	2.2	79.2	24.9	315	3.07	299.0	4084	2.9	16	5.6	0.4	3.6	49	0.69	0.031
1717233	Tailing	3.26	1.5	169.9	700.7	720	1.7	75.8	24.3	291	2.92	290.8	2959	2.7	16	5.1	0.4	3.1	46	0.69	0.030
1717234	Tailing	3.61	1.7	178.4	791.7	807	2.1	87.8	27.3	314	3.13	335.6	3177	2.9	17	6.0	0.6	3.7	50	0.72	0.033

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

CERTIFICATE OF ANALYSIS VAN12003113.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1717201	Tailing	9	58	0.77	45	0.079	<20	0.90	0.058	0.17	4.1	<0.01	3.8	0.1	0.78	4	1.1	2.1
1717203	Tailing	17	66	0.93	104	0.094	<20	1.47	0.038	0.35	2.6	0.01	4.4	0.2	0.46	6	1.2	1.3
1717204	Tailing	9	53	0.70	61	0.089	<20	0.97	0.061	0.21	4.2	<0.01	4.0	0.1	0.50	4	0.9	1.0
1717205	Tailing	11	57	0.76	69	0.087	<20	1.06	0.053	0.24	3.8	<0.01	4.2	0.1	0.63	4	0.8	1.6
1717206	Tailing	11	69	0.98	65	0.097	<20	1.14	0.073	0.24	4.9	0.02	4.6	0.1	0.71	5	0.7	1.6
1717208	Tailing	13	70	0.99	79	0.099	<20	1.24	0.067	0.26	4.6	0.01	4.4	0.1	0.69	5	1.3	1.9
1717211	Tailing	14	71	0.98	69	0.093	<20	1.17	0.052	0.23	5.0	0.02	4.5	0.1	0.61	5	1.1	1.8
1717212	Tailing	10	66	0.91	56	0.102	<20	1.01	0.077	0.20	4.6	0.02	4.6	0.1	0.84	5	1.3	2.0
1717213	Tailing	10	58	0.75	57	0.095	<20	0.98	0.064	0.21	5.3	0.01	4.3	0.1	0.45	4	0.9	1.2
1717214	Tailing	15	90	1.35	59	0.115	<20	1.47	0.079	0.23	5.4	0.03	5.8	0.2	0.86	6	1.7	5.3
1717215	Tailing	12	67	0.95	48	0.099	<20	1.05	0.069	0.19	4.8	0.02	4.8	0.1	0.84	4	1.6	3.0
1717216	Tailing	12	65	0.92	48	0.095	<20	1.00	0.067	0.19	4.7	0.03	4.4	0.1	0.74	4	1.3	1.9
1717217	Tailing	15	68	0.95	62	0.104	<20	1.19	0.072	0.22	3.9	0.02	5.0	0.1	0.58	5	0.9	1.6
1717218	Tailing	11	61	0.82	50	0.095	<20	1.04	0.067	0.18	4.8	0.03	4.8	0.1	0.77	4	0.8	2.4
1717219	Tailing	13	72	1.05	63	0.117	<20	1.27	0.086	0.22	5.6	0.02	5.4	0.1	0.65	5	1.5	2.0
1717220	Tailing	20	63	1.17	69	0.112	<20	1.24	0.066	0.30	9.0	0.03	5.1	0.2	0.75	6	1.3	1.4
1717221	Tailing	14	68	1.03	54	0.105	<20	1.12	0.067	0.23	6.3	0.02	5.0	0.1	0.78	5	1.0	2.0
1717222	Tailing	15	65	0.99	56	0.107	<20	1.07	0.074	0.23	7.1	0.03	5.3	0.1	0.75	5	1.3	2.1
1717223	Tailing	13	69	0.99	54	0.103	<20	1.07	0.066	0.22	6.1	0.04	4.4	0.1	0.60	4	0.6	1.4
1717224	Tailing	16	67	1.07	65	0.110	<20	1.17	0.073	0.27	5.2	0.02	4.7	0.1	0.72	5	1.0	1.7
1717225	Tailing	15	76	1.13	57	0.113	<20	1.23	0.077	0.23	5.3	0.03	5.4	0.1	0.68	5	1.0	2.6
1717226	Tailing	15	68	1.06	67	0.114	<20	1.19	0.071	0.27	5.5	0.03	5.3	0.1	0.70	5	0.5	1.5
1717227	Tailing	15	76	1.15	63	0.118	<20	1.27	0.075	0.25	7.0	0.04	5.3	0.1	0.56	5	1.1	2.0
1717228	Tailing	22	68	1.39	77	0.127	<20	1.41	0.080	0.33	7.8	0.02	6.0	0.1	0.69	7	1.2	1.2
1717229	Tailing	15	67	1.08	61	0.108	<20	1.14	0.072	0.24	6.6	0.02	4.7	<0.1	0.67	5	1.5	1.9
1717230	Tailing	13	67	1.00	60	0.111	<20	1.13	0.074	0.22	4.9	0.03	5.1	0.1	0.70	5	1.5	2.3
1717231	Tailing	10	69	1.01	52	0.100	<20	1.09	0.067	0.22	6.5	0.03	4.9	0.2	0.68	4	1.3	2.2
1717232	Tailing	12	67	0.98	63	0.104	<20	1.12	0.077	0.22	4.4	0.02	4.9	0.1	0.74	4	1.4	2.1
1717233	Tailing	11	65	0.91	58	0.101	<20	1.07	0.075	0.21	4.3	<0.01	4.9	0.1	0.72	4	1.4	1.7
1717234	Tailing	12	72	1.02	58	0.106	<20	1.18	0.080	0.23	4.8	0.02	5.0	0.1	0.74	5	0.9	2.3

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

CERTIFICATE OF ANALYSIS VAN12003113.1

	Method	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1717235	Tailing	3.23	2.2	160.5	727.6	701	2.0	85.5	29.2	445	4.05	287.5	3392	7.2	20	4.0	0.6	3.1	82	0.90	0.065
1717236	Tailing	3.06	1.4	144.1	723.2	729	2.2	72.8	23.9	342	3.17	268.2	2751	4.3	17	4.7	0.5	3.0	58	0.73	0.042
1717237	Tailing	2.19	1.7	169.3	591.2	546	1.4	83.3	22.5	331	3.63	266.2	2436	4.7	21	4.2	0.4	2.7	66	0.83	0.045
1717238	Tailing	1.55	1.5	170.7	784.7	734	1.8	96.4	28.8	323	3.10	232.2	1359	3.5	21	4.0	0.4	3.4	57	0.85	0.036
1717239	Tailing	3.13	1.5	182.6	653.1	632	1.9	68.7	20.7	250	2.79	253.4	3357	3.4	16	5.0	0.5	2.5	47	0.68	0.032
1717240	Tailing	2.07	1.4	198.2	717.2	676	1.9	72.9	23.0	320	3.12	229.3	3202	3.6	22	5.2	0.6	3.0	56	0.85	0.036
1717241	Tailing	2.76	1.8	180.1	676.3	619	1.7	81.1	23.1	313	3.31	254.7	3006	4.9	18	5.0	0.5	2.9	59	0.70	0.041
1717242	Tailing	2.21	1.4	195.1	769.2	644	1.7	72.0	21.5	329	3.17	234.2	2439	3.8	21	5.0	0.5	3.3	57	0.80	0.034
1717243	Tailing	2.94	1.7	128.2	421.0	208	1.4	29.5	9.4	201	3.04	198.6	2823	4.9	13	0.9	0.5	1.3	58	0.42	0.039
1717244	Tailing	3.23	1.9	123.9	413.6	579	1.6	78.6	24.3	224	3.05	112.5	4296	4.8	12	3.9	0.4	0.9	64	0.39	0.038
1717245	Tailing	2.62	1.8	175.2	668.4	643	1.9	85.5	28.0	384	3.62	277.4	2874	5.4	19	3.8	0.5	2.6	66	0.78	0.047
1717246	Tailing	3.40	1.3	141.3	290.3	113	1.9	20.0	7.0	194	2.61	174.8	6391	3.6	16	0.5	0.4	1.0	50	0.50	0.029
1717247	Tailing	2.60	1.5	153.6	276.5	281	1.0	57.7	18.9	212	2.74	196.5	1866	4.0	13	2.5	0.3	0.9	52	0.48	0.034
1717248	Tailing	3.41	1.9	157.9	676.9	777	1.9	98.8	33.8	381	3.53	266.0	3495	6.3	20	4.9	0.6	2.5	68	0.83	0.053
1717249	Tailing	2.90	1.9	169.0	717.7	622	1.8	70.6	22.6	333	3.32	268.4	2991	4.7	21	4.6	0.5	3.0	61	0.80	0.044
1717250	Tailing	2.11	1.4	188.7	577.5	522	1.5	66.5	23.6	353	3.37	225.2	2452	4.5	24	3.7	0.4	2.3	66	0.91	0.044

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

CERTIFICATE OF ANALYSIS VAN12003113.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1717235	Tailing	29	77	1.65	80	0.146	<20	1.65	0.090	0.33	9.7	0.02	7.5	0.2	0.66	8	1.0	2.0
1717236	Tailing	19	68	1.19	62	0.116	<20	1.27	0.072	0.26	9.0	0.03	5.6	0.1	0.56	5	0.8	1.8
1717237	Tailing	24	73	1.23	71	0.133	<20	1.42	0.085	0.27	7.1	0.03	6.5	0.1	0.64	6	1.1	1.7
1717238	Tailing	17	78	1.15	71	0.131	<20	1.32	0.085	0.27	7.1	0.06	5.9	0.1	0.56	5	1.1	1.9
1717239	Tailing	13	64	0.90	60	0.113	<20	1.04	0.066	0.21	4.7	0.02	4.7	0.1	0.68	4	1.2	1.7
1717240	Tailing	14	76	1.13	71	0.146	<20	1.27	0.089	0.26	5.9	0.03	5.7	0.1	0.56	5	1.0	1.8
1717241	Tailing	18	73	1.17	69	0.133	<20	1.32	0.074	0.26	5.8	0.03	5.7	0.1	0.59	6	0.9	1.8
1717242	Tailing	14	76	1.12	72	0.146	<20	1.32	0.087	0.25	5.0	0.03	6.0	0.1	0.55	5	1.1	1.9
1717243	Tailing	10	65	0.91	117	0.141	<20	1.16	0.056	0.47	7.3	0.01	6.0	0.2	0.39	6	0.6	0.8
1717244	Tailing	13	78	0.98	159	0.153	<20	1.36	0.060	0.61	5.9	<0.01	6.9	0.3	0.66	6	0.8	0.6
1717245	Tailing	23	74	1.30	78	0.144	<20	1.40	0.080	0.31	7.7	0.03	6.0	0.1	0.68	7	1.0	1.6
1717246	Tailing	7	56	0.72	89	0.133	<20	0.95	0.071	0.33	5.0	0.01	5.2	0.2	0.28	4	0.6	0.5
1717247	Tailing	10	62	0.82	120	0.132	<20	1.12	0.059	0.44	6.1	<0.01	5.5	0.2	0.62	5	0.6	0.5
1717248	Tailing	27	74	1.35	90	0.143	<20	1.52	0.085	0.33	6.9	0.03	6.2	0.1	0.60	7	0.8	1.5
1717249	Tailing	19	73	1.22	74	0.135	<20	1.35	0.079	0.28	6.1	0.03	5.6	0.1	0.61	6	1.2	1.8
1717250	Tailing	18	74	1.25	86	0.165	<20	1.41	0.102	0.31	5.6	0.03	6.7	0.1	0.59	6	0.9	1.4

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

QUALITY CONTROL REPORT VAN12003113.1

	Method	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1717201	Tailing	6.07	1.6	177.1	949.2	929	3.1	59.2	19.9	217	2.80	378.4	9185	2.2	12	7.2	0.6	4.2	38	0.60	0.025
REP 1717201	QC	6.20																			
1717230	Tailing	3.66	1.3	181.4	775.1	823	2.2	75.3	25.2	307	3.11	281.4	4348	3.2	16	5.9	0.6	3.5	51	0.68	0.031
REP 1717230	QC		1.4	182.5	748.4	816	2.0	75.4	24.7	298	3.10	277.9	3907	3.1	16	5.4	0.5	3.4	50	0.68	0.031
1717240	Tailing	2.07	1.4	198.2	717.2	676	1.9	72.9	23.0	320	3.12	229.3	3202	3.6	22	5.2	0.6	3.0	56	0.85	0.036
REP 1717240	QC	2.14																			
1717250	Tailing	2.11	1.4	188.7	577.5	522	1.5	66.5	23.6	353	3.37	225.2	2452	4.5	24	3.7	0.4	2.3	66	0.91	0.044
REP 1717250	QC		1.4	192.8	579.5	532	1.7	67.6	24.2	353	3.41	221.6	2918	4.6	24	3.6	0.5	2.4	67	0.91	0.042
Reference Materials																					
STD DS9	Standard		13.0	119.2	136.3	343	2.0	42.3	8.3	621	2.50	29.5	154.9	6.7	81	3.2	4.8	7.5	42	0.76	0.090
STD DS9	Standard		14.8	117.7	133.9	342	2.0	44.4	8.5	601	2.52	29.1	107.8	7.7	85	2.5	5.2	7.2	43	0.78	0.088
STD OREAS45CA	Standard		1.2	516.7	22.4	60	0.3	247.2	98.1	967	16.99	4.1	37.8	7.7	17	0.1	0.1	0.2	219	0.48	0.041
STD OREAS45CA	Standard		1.0	473.7	25.1	67	0.3	273.8	103.0	906	16.46	4.5	39.1	9.0	19	0.1	0.1	0.2	234	0.48	0.043
STD OXG99	Standard	0.95																			
STD OXG99	Standard	0.90																			
STD OXK94	Standard	3.78																			
STD OXK94	Standard	3.57																			
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OXG99 Expected		0.932																			
STD OXK94 Expected		3.562																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.01																			
BLK	Blank	<0.01																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.01																			
BLK	Blank	<0.01																			
Prep Wash																					

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

QUALITY CONTROL REPORT VAN12003113.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1717201	Tailing	9	58	0.77	45	0.079	<20	0.90	0.058	0.17	4.1	<0.01	3.8	0.1	0.78	4	1.1	2.1
REP 1717201	QC																	
1717230	Tailing	13	67	1.00	60	0.111	<20	1.13	0.074	0.22	4.9	0.03	5.1	0.1	0.70	5	1.5	2.3
REP 1717230	QC	13	66	0.99	58	0.109	<20	1.11	0.074	0.22	4.9	0.02	4.9	0.1	0.69	5	1.1	2.1
1717240	Tailing	14	76	1.13	71	0.146	<20	1.27	0.089	0.26	5.9	0.03	5.7	0.1	0.56	5	1.0	1.8
REP 1717240	QC																	
1717250	Tailing	18	74	1.25	86	0.165	<20	1.41	0.102	0.31	5.6	0.03	6.7	0.1	0.59	6	0.9	1.4
REP 1717250	QC	18	75	1.28	89	0.165	<20	1.44	0.104	0.32	5.7	0.02	6.7	0.1	0.59	6	0.6	1.3
Reference Materials																		
STD DS9	Standard	13	129	0.66	355	0.114	<20	1.01	0.091	0.43	2.9	0.24	2.4	5.7	0.18	5	5.8	5.7
STD DS9	Standard	14	129	0.68	356	0.131	<20	1.03	0.093	0.43	2.8	0.22	2.5	5.9	0.18	5	5.2	5.1
STD OREAS45CA	Standard	17	749	0.14	176	0.135	<20	3.66	0.010	0.07	<0.1	0.03	46.0	<0.1	<0.05	20	1.2	<0.2
STD OREAS45CA	Standard	19	739	0.17	189	0.162	<20	4.22	0.011	0.08	<0.1	0.04	45.7	<0.1	<0.05	21	0.5	<0.2
STD OXG99	Standard																	
STD OXG99	Standard																	
STD OXK94	Standard																	
STD OXK94	Standard																	
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD OXG99 Expected																		
STD OXK94 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																	
BLK	Blank																	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																	
BLK	Blank																	
Prep Wash																		

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

QUALITY CONTROL REPORT VAN12003113.1

		G6 Au gm/t 0.01	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01	1DX P % 0.001
G1	Prep Blank	<0.01	0.3	3.3	3.0	45	<0.1	3.3	4.0	558	1.97	<0.5	<0.5	5.9	67	<0.1	<0.1	<0.1	37	0.49	0.082
G1	Prep Blank	<0.01	0.2	3.3	3.2	47	<0.1	4.8	5.8	602	2.23	<0.5	<0.5	5.3	72	<0.1	<0.1	<0.1	40	0.52	0.086

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **New Discovery Mines Ltd.**
1909 - 108 West Cordova Street
Vancouver BC V6B 0G5 Canada

Project: Tailings
Report Date: July 31, 2012

QUALITY CONTROL REPORT VAN12003113.1

		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2
G1	Prep Blank	12	6	0.48	180	0.121	<20	0.89	0.086	0.49	0.2	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	12	11	0.57	183	0.135	<20	1.02	0.095	0.53	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2