INDEPENDANT 43-101 TECHNICAL REPORT

PRINCESA PROJECT

DEPARTMENT OF PUNO, PERU

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January 15th, 2011

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1. SUMMARY

At the request of Mr. Nick Tintor, President of Caracara Silver Inc. ("Caracara"), a wholly- owned subsidiary of Southern Andes Energy Inc, Services Géologiques A.Vachon is presenting an updated version of the report titled "*43-101Technical Report on the Princesa Project*" written for Solex Resources Inc. ("Solex") in 2008 and, subsequently filed on SEDAR. The author is informing the reader that since May 18th 2010, Solex Resources has been restructured as Southern Andes Energy Inc. This update includes new issues regarding the overall geological context after a visit to the property completed on June 27th, 2010 by the author accompanied by Nick Tintor, President of Caracara and Alexander Hirtz, special consultant for Caracara. Following this visit, the company has increased its land position from 2,500 to 5,400 hectares around the Princesa Project. The objective of the report is to assess the geological context and the economical potential of the project, especially with regards to the Princesa Vein which represents the most important mineralized feature discovered on the property. The description of the geology and mineralization presented in this report is based on several exploration programs including mapping, geophysical surveys and drilling completed by Solex from 2004 to 2008 over a 200 hectares area where all known mineralized features are outcropping.

The Princesa Project is located approximately 1,000 kms southeast of Lima, the capital of Peru, within the administrative department of Puno. It consists of 8 mining concessions covering an area totalling 5,400 hectares which are all registered in the name of Solex Del Peru. Access to the property is via air from Lima to Juliaca and by road from Juliaca over a distance of 210 kms. The property sits at an altitude which varies from 4,250 to 4,500 metres above sea level.

The property is mainly covered by a thick sedimentary sequence known as the Chupa Conglomerate composed of siltstone, sandstone, conglomeratic sandstone and conglomerates of the Huancané Formation and, limestone and conglomerate belonging to the Moho Group. This sequence has been intruded by diatreme breccias which hosts most of the mineralization. The area has undergone some structural constraints characterized as fragile deformation which has produced three distinct systems of faults. System # I is constituted of WNW trending sub-parallel faults dipping to the northeast; these faults show normal-dextral movement and appear to control the emplacement of the polymetallic (Ag-Pb-Zn) mineralization found to date on the project. System # II strikes NE to ENE and it displaces the faults of System # I along a dextral-sinistral movement. Finally, System # III is composed of short NW to NNW trending faults.

Mineralization occurs in an-echelon, splays, sigmoid and horse tail veins and veinlets hosted by sandstone and breccias. Textures such as open-space filling, symmetrical and colloform banding and sulphide cement in breccias zones are common. At surface, the Ag-Pb-Zn mineralization appears as gossans composed of limonite, goethite and manganese oxide with, in variable proportion, some galena-marcasite-sphalerite-zincite-barite-smithsonite.

The Princesa Vein is the most important mineralized structure discovered on the project and it has been identified via outcrops and drill hole intercepts over more than 1.5 km of strike length, up to 20 metres of true thickness and a minimum depth extension of 150 metres. The mineralization is still open both at depth and along its north western extension while at its south-eastern end; it has been cut by a major WNW trending fault coinciding with the river bed. Three sub-parallel veins named V2, V1a and V1b outcrop within 200 metres of the Princesa Vein. These veins are identical to Princesa and represent splays of the main mineralized feature.

Hydrothermal alteration associated with the polymetallic mineralization is restricted to a few decimetres along the footwall and hanging walls of the mineralized structures. Silicification occurs as grey massive quartz-silica patches in the sandstone and the matrix of the conglomerates. Sericitization is irregularly associated to the silicification (phyllic alteration) and also, as strong argilization (sericite-kaolin) within the fault zones. The limestone shows some marble type alteration and bleaching as a result of exposure to an acid hydrothermal fluid.

From 2004 to 2007, Solex (Buscore) completed some surface mapping and sampling, geophysical surveys and drilled 64 diamond drill holes totalling 6,889 metres on the following targets: 48 holes tested the lateral and vertical continuity of the Princesa Vein intercepting also the extensions of the V1a and V1b veins, 7 holes were done on the extension of the V2 Vein and finally, 9 holes on other targets. The most significative results came from drilling on the Princesa Vein which yielded several high grades intersections: 9.5 metres at 312.2 g/t Ag, 1.71% Pb and 0.69% Zn in hole PRIN-11; 9.0 metres at 609.7 g/t Ag, 2.43% Pb and 0.96% Zn in hole PRIN-53 and, 12 metres at 189.8 g/t Ag, 5.47% Pb and 1.92% Zn in hole PRIN-61, the last hole that cut the Princesa Vein at its WNW extremity. However, not all drill holes that aimed to test the Princesa Vein cut the projected target as some holes have been stop prematurely or wrongly planned.

In 2008, Solex took 263 samples from mineralized outcrops, old tunnels, drill holes, ore dumps and limestone which returned some highly anomalous metal values: 194 samples with silver values > 10 ppm with a maximum of 826 ppm, 82 samples with lead values > 10,000 ppm with a

maximum of 17.98% and 67 samples with zinc values > 10,000 ppm with a maximum of 10.64%. These samples also show anomalous values in barium and manganese.

As part of the data verification program, the author has collected nine samples during his property visits completed in April 2008 and June 2010. The author has randomly selected samples where previous sampling was performed by Solex. The author concludes that taking in to account the irregular nature of the mineralization, the results obtained show good repeatability and therefore the assay database could be considered as reliable.

The results obtained during the exploration programs carried out by Solex since 2004 clearly indicate that the Princesa Vein bears some economic polymetallic mineralization that, even considering the lack of sampling in certain areas of the veins, show relatively good grade and thickness continuity along both strike and depth. Taking in to account these continuity factors, the outcropping nature of the vein and the style of the deposit, the author calculated that the Princesa Vein hosts an Inferred Mineral Resources **totalling 4.6 M tonnes grading 90.88 g/t Ag, 1.66% Pb and 1.69% Zn.** This resource meets the National Instrument 43-101 ("NI 43-101") *Instruments for Resources and Reserves Estimate* as established the Canadian Securities Administrators ("CSA"). The potential to increase these resources is very good as the Princesa Vein is open both on strike and at depth and no provisions have been allowed for other mineralized veins occurring on the property.

Therefore, the author recommends completing an exploration program to fully evaluate the economic potential of the property. Surface work will consist of reconnaissance and detailed mapping, rock and soil geochemistry, Induced Polarization survey over favourable areas and, re-logging all the holes of the previous drilling programs in order to uniformize the database with respect to the geology. Finally, a drilling program is recommended to intersect the Princesa Vein at depth where high grade intersections have been obtained at shallow depth, infilling drilling at 100 metres along strike and 50 metres vertically and, explore for the north-western extension of the Princesa Vein where previous drill holes failed to cut the vein. The cost of this program is estimated at US$1,890,000.

2. INTRODUCTION

2.1 TERMS OF REFERENCE

This technical report on the Princesa Project was originally written in 2008 and has been updated in January 2011 by Alain Vachon, P.Eng Geologist of Services Géologique A.Vachon. It intends to provide an independent assessment of the economic potential of

the Princesa Project through a description of its geologic characteristics and prior exploration results. This report has been written to comply with the norms and standards set out in National Instrument 43-101 of the Canadian Securities Administrators ("NI 43-101").

2.2 SOURCES OF INFORMATION AND RELIANCE ON OTHER EXPERTS

This technical report is based upon published and unpublished data, primarily from geological reports as described in the sections herein entitled History and References and on the experience of the author, who has more than 30 years of exploration experience of which the last eleven years as exploration manager and consultant in Peru.

The author has visited the Princesa Project on April 18th 2008 and on June 27th, 2010, has met Caracara and Solex's representatives and most of its consulting firm. The author warrants that the last program of exploration carried out on the property by ExploAndes in 2008, a Peruvian consulting firm, met the standards of good practice and control used in modern exploration programs. However, the author can not comment on the work carried out from 2004 to 2006 by W.Pallacios of Buscore International as the project manager of these programs was not met.

3. GEOGRAPHIC SETTING

3.1 PROPERTY LOCATION AND DESCRIPTION

The property is located approximately 1,000 kms southeast of Lima, the capital of Peru. It straddles the districts of Potoni (Province of Azangaro) and Putina (Province San Antonio de Putina) within the Department of Puno (Figure 1).

On March 2, 2011, Southern Andes Energy and Ansue Capital announed the signing of a Letter of Intent to enter into a business combination with Caracara Silver, a subsidary of Southern Andes Energy. As consideration for the transfer of Southern Andes silver assets to Ansue Capital Corp., Ansue agreed to issue 100 million common shares to Southern Andes and to assume intercorporate debt owing to Southern Andes by Caracara in the estimated amount of C$250,000. Ansue has also agreed to assume the obligation of Caracara to issue shares to Cybersonic Ltd ("**Cybersonic**") which arose pursuant to a purchase agreement, as amended, dated September 27, 2010 further to the purchase by Caracara of a certain technical data base relating to mineral claims located in the Pilunani region of Peru. As a result of this assumption agreement, upon completion of the Acquisition, Ansue will have the obligation to issue to Cybersonic 5,676,000 pre-consolidation common shares and an additional 2,924,000 pre-consolidation common shares

on the one year anniversary of the completion of the Acquisition. Caracara retains the obligation to make certain cash payments to Cybersonic aggregating US$400,000.

The Acquisition is conditional upon the receipt of all requisite and regulatory and third party consents, including without limitation, the consent of the TSXV, the completion by Ansue of the minimum portion of the previously announced financing for a minimum amount of C$4.0 million and Ansue having C$150,000 in net-free available cash on completion of the Acquisition.

The property is not subject to any royalties, back payments or other agreements.

3.2 MINERAL TENURE

The Princesa Project consists of 8 mining concessions covering an area of 5,400 hectares (Figure 1 and Table 1). Records of the Ministry of Energy and Mines of Peru show that these concessions are registered to Solex Del Peru SAC and they are in good standing. On June 30th of each year, renewal fee and penalty if applies must be paid to the Peruvian government by the title owner to maintain the status of good standing of its mining concessions. The annual fee stands at US $3.00 per hectare while the penalty is US $6.00 per hectare. The penalty applies If the owner does not complied with the minimum investment required to reach commercial production in the first semester of the seventh renewal year computed from the date on which the title has been granted.

The Peruvian mining law allows the owner of the mining concessions to pay these fees and penalties up to one year after they are due. When this report was prepared, Solex's representatives in Peru have provided confirmation to the author that the 2009 payment has been done.

The mining concession grants its holder the right to exploit and explore all mineral resources that may be found in the subsoil of the concession area. Mining concessions shall be granted in extensions ranging from 100 to 1000 hectares in grids or groups of adjacent grids that are contiguous to each other at least by one side. Concessions are irrevocable provided that the concessionaire fulfills the obligations set forth by the General Mining Act to maintain the concession effectiveness. All mining concessions are map staking and boundaries have distinct UTM coordinates.

The mining concession application shall attach the payment receipts for the Effectiveness Fee corresponding to the first year equivalent to US$ 3.00 per requested hectare, and the Payment Receipt for the Administrative Fee equivalent to 10% of the effective Tax Unit. The mining concession applications shall be received at the National Institute of Concessions and Mining

Cadastre (Instituto Nacional de Concesiones y Catastro Minero INACC) on a first-come-first-serve basis.

If the mining concession application meets the requirements set forth in the Regulations on Mining Procedures, the General Bureau of Mining Concessions of INACC shall notify the interested party, within 7 business days following the mining concession application submission, of the publication of court notices, attaching the notices to be published, and if necessary, to be posted. Simultaneously to the notification to the mining concession applicant, the Head of the General Bureau of Mining Concessions of INACC shall notify the holders of other mining concession applications or previously granted mining concessions, whose areas are located in part of the grid or group of grids included in the mining concession application.

All mining concession applications shall be published only once in the "El Peruano" Official Gazette and in the newspaper in charge of the publication of court notices in the capital city of the province where the requested area is located. In the latter case, if no such newspaper exists, notices shall be posted for 7 business days in the INACC's main office or decentralized offices, as appropriate. Notices shall be published within 30 business days upon notice notification. Within 60 calendar days upon publication, the interested party shall deliver the entire pages evidencing the publication of the notices to INACC's General Bureau of Mining Concessions.

Within 30 business days upon receipt of the publication of notices, if no objection has been filed, INACC's General Bureau of Mining Concessions shall issue the legal and technical opinion. Once the resolution granting the title to the mining concession is final and un-appealable, it shall be registered upon request of the interested party, in the Registry of Mining Rights of the National Superintendence of Public Registration (Superintendencia Nacional de Registros Publicos.)

The property is not subject to any royalties, back-in payments or other agreements.

In order to conduct detailed exploration work, such as road construction and pads for drilling, permits must be obtained from the Peruvian Ministry of Mines. Solex has obtained his permit for the exploration drilling described in this Technical Report.

3.3 ACCESS, INFRASTRUCTURE AND LOCAL RESOURCES

Access and infrastructure surrounding the Princesa Project are good. The area is surrounded by gravel roads which connect Crucero, the closest village from the property, to Juliaca, one of the most important midsized cities of the southern part of Peru. Access roads include the Transoceanic Highway which connects Brazil to the Pacific Ocean and a series of well maintained paved and dirt roads. Juliaca is approximately at four-hour drive (210 kms) from

the project area. The city offers all services including a regional airport that services the Lima-Juliaca route.

Economically, the southern Peru area is characterized as rustic and rural with an economy largely dominated by alpaca-llama-sheep-cow farming representing the main source of revenue for local inhabitants. As the property sits at elevation ranging from 4,200 meters to 4,500 metres above sea level, crops are restricted to potatoes and some cereals. Small-scale, artisanal gold-silver mining is also, in some areas, an important source of income.

Solex Del Peru has secured some surface access agreements with the local property owners. Past work was conducted with good practice and relations with local communities are harmonious and cordial. Additional surface rights and government permits will be necessary for the establishment of the recommended exploration program.

Water and manpower are readily available near the project site. Power would come from the national electrical grid passing some 20 kms to the north. The Cullco River crosses the SE part of the property is providing water all year round. Local manpower is available nearby but is not trained for modern exploration and mining techniques. Qualified personnel, heavy equipment and contractors for completing project exploration and development are available out of Juliaca.

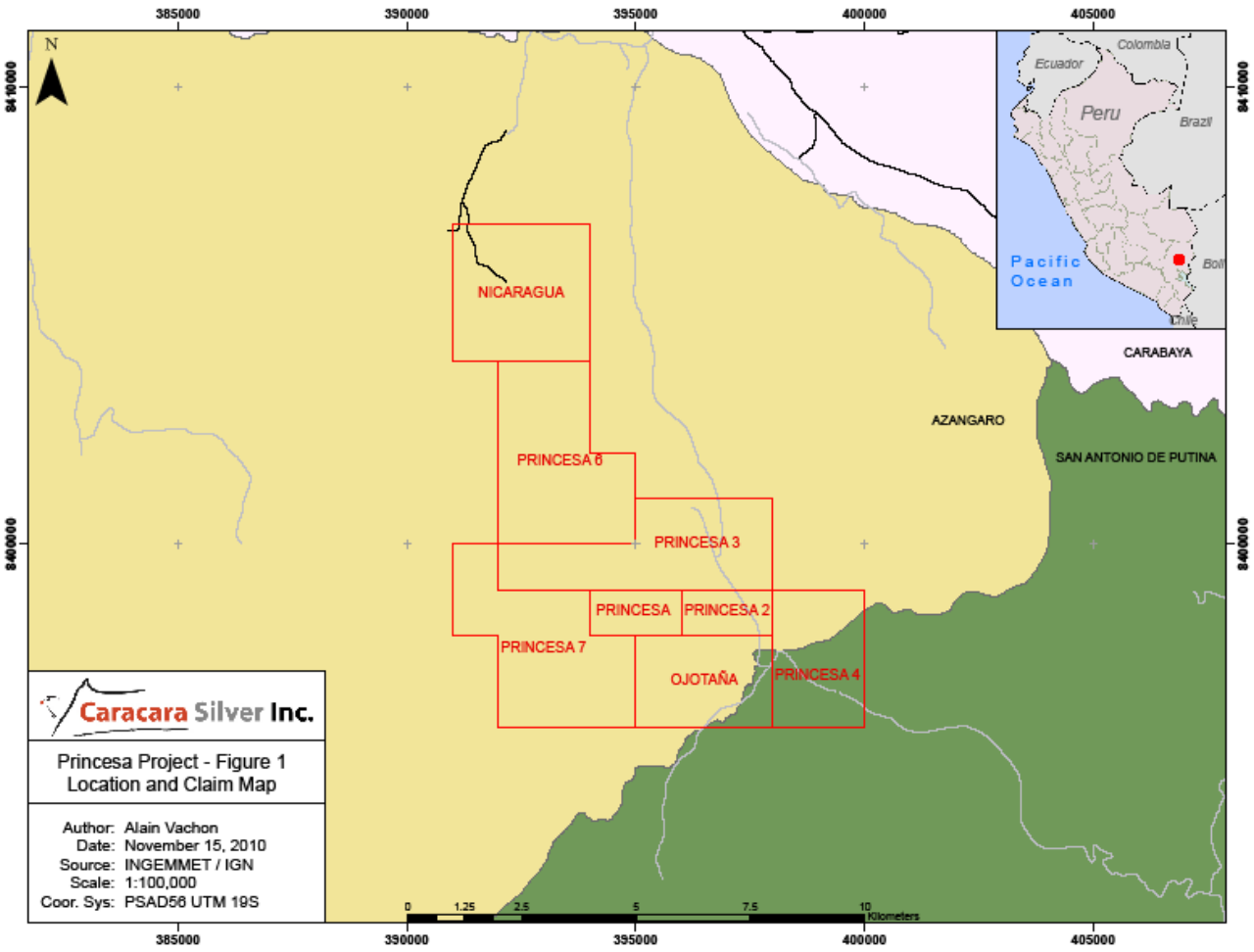


FIGURE 1: GENERAL LOCATION AND CLAIM MAP

Table 1: Mining concessions

Name	INGEMMET Code	Area Ha	Fees 2010 (US$)	Penalties 2010 (US$)	Fees 2011 (US$)	Penalties 2011 (US$)
Ojotaña	01-00549-04	600	1800	0	1800	3600
Princesa	01-02271-04	200	600	0	600	1200
Princesa 2	01-02734-04	200	600	0	600	1200
Princesa 3	01-04627-06	900	2700	0	2700	0
Princesa 4	01-05302-06	600	1800	0	1800	0
Princesa 7	01-02913-10	1000	N/A	N/A	3000	0
Princesa 6	01-02915-10	1000	N/A	N/A	3000	0
Nicaragua	01-02917-10	900	N/A	N/A	2700	0

3.4 PHYSIOGRAPHY AND CLIMATE

The Princesa Project is located overlooking the Cullco River valley, along the south eastern part of the Peruvian Cordillera. The topographic expression of the region is dominated by the Peruvian altiplano sitting approximately at an altitude of 4,200 metres above sea level which is surrounded by gently sloping, poorly vegetated mountains and moderate incised valleys. At the property scale, elevations range from 4,275 to 4,500 metres above sea level, the lowest topographic point corresponding to the Cullco River located at the south-eastern part of the property.

The region is characterized by dry and cold season between May to October where temperatures below 0°C occur at night, while from November to April, the climate is warmer with frequent rain and/or snow falls. The slopes of the mountains are naturally covered by small brush and grass which constitute natural pasture for live-stock farming.

4. HISTORY

Limited information is available in the public files of the Ministry of Energy and Mines of Peru. Previous work completed by South American Goldfields ("SAG") in 1960 included some mapping and sampling and the excavation of approximately 500 metres of tunnels. SAG identified three mineralized structures named Princesa, Melchorita and Norka having silver values greater than 5 oz/t. Robillard (1965) has presented a Resource Mineral Estimate standing at 8,000 tonnes grading 4 oz/t Ag and 7% Pb. Later in 1974, Prieto stated that the Princesa Vein hosted reserves standing at 27,920 tonnes at 4.6 oz/t Ag, 5.2% Pb and 2.88% Zn. None of these resource estimates meet the NI 43-101 standards and, they should be considered as historical resources.

In 2004, Buscore International, on behalf of Solex Resources, carried out a preliminary geological assessment of the Princesa Project revealing the presence of five base metals (Ag-Pb-Zn) mineralized veins emplaced in fault zones hosted by clastic sedimentary rocks and breccias. The report also points out that the Princesa Vein is the main mineralized structure having being traced over a minimum strike length of 1,500 metres. Additional base metals mineralization also occurs within the limestone and conglomerate. Several encouraging assay results with maximum values at 542 ppm Ag, 6.2% Pb and 1.99% Zn were obtained from the 54 rock samples collected from various mineralized outcrops and tunnels.

In 2006, Buscore-Solex completed some complementary mapping and geochemical sampling which yielded several significant silver-lead-zinc values (>50 g/t and 1%) including some spectacular silver values such as 1500 g/t Ag (sample OJO-27). 66 samples were taken from old tunnels, trenches and pits excavated on different mineralized structures. In the tunnels, samples were taken as chips or channels measuring 2.0 metres long x 0.10-0.20 metre wide along the direction of the mineralized structure. Tunnel West, located at 306399E-8398470N, returned an average of 36.6 g/t Ag, 1.09% Pb and 0.9% Zn over a distance of 34 metres while Tunnel North, located at 397258E-8398374N, returned an average of 40.4 g/t Ag, 0.62% Pb and 0.94% Zn over a distance of 12 metres. The true thickness of the mineralized zone cannot be assessed using this sampling method. Following the favourable results of this preliminary work, eleven drill holes totalling 787.4 metres (DDH # PRIN-01 to PRIN-11) tested the Princesa (8 holes) and the V2 veins (3 holes). This program yielded individual assay results reaching up to 754.3 g/t Ag, 6% Pb and 4% Zn. Results of the drilling will be described in chapter 9 of this report.

In 2006-07, JVX has been mandated from Buscore/Solex to complete some geophysical surveys comprised of HLEM, VLF, magnetic and induced polarization. The author noted that a very good correlation exists between the IP chargeability anomalies and the Princesa Vein. This correlation is due to the high oxide-sulphide content of this mineralized structure.

In 2007, Buscore-Solex completed a second drilling program consisting of 53 holes totalling 6,101.6 metres. DDH # PRIN-12 to 64 tested various targets and in particular the Princesa Vein. Some high grade mineralized intervals with individual values up to 1268.5 g/t Ag, 14% Pb and 6% Zn were intersected. Results of the drilling could not be described in detail in chapter 9 of this report as the original drilling database was not made available to the author for his review. All diamond drill holes are available for consultation at Alpaca's warehouse in Juliaca.

In 2007-2008, Solex contracted ExploAndes, a Peruvian consulting firm in mining and exploration, which, from December 5th to February 18th, completed the exploration described below. The results will be discussed in Chapter 8 of this report.

- Generation of a base map covering 220 hectares at a scale of 1:1000.
- Survey of the 64 drill holes drilled in 2006 and 2007.
- Geological mapping and geochemical sampling at a scale of 1:1000.
- Mapping and sampling (263 samples) of the mineralized structures in the old tunnels.
- Detailed re-logging and re-sampling of 16 pre-selected drill holes.
- Generation of 16 cross sections and a longitudinal section for the Princesa Vein.

No exploration work has been done on the property since the completion of Solex's 2008 exploration program.

5. GEOLOGICAL SETTING

5.1 REGIONAL GEOLOGY

Regionally, the rocks surrounding the property are part of the eastern cordillera geological region of Peru which is mainly comprised of rocks ranging from the Paleozoic to Tertiary age including recent sediments. The Princesa Project is located within the Limbani Region mapped by Monge and Zedano (1996) and updated by Sanchez and Zapata (2001). To the west of the property, a major inverse N-S trending fault put in contact some Paleozoic rocks (Ambo, Tarma and Copacabana Groups) with Cretaceous sedimentary rocks (Figure 2). To its north, the Cretaceous sedimentary sequences are truncated by NE trending faults. A major E-W trending anticline has been mapped to the south of the project. A regional stratigraphic column is presented on Figure 3.

According to Clark (2006), the project is located within the Pilunani-Nicaragua belt, a 40 km-long belt hosting several Pb-Zn-Ag deposits representing a swarm of magmatic-hydrothermal vein/stockwork/replacement systems associated with major diatreme adjacent to the Picotani volcanic centre and controlled by regional contractional structures. Hydrothermal activity took place at *ca.* 23 Ma, contemporaneously with the world-class San Rafael tin mine.

5.2 PROPERTY GEOLOGY

The description of the geology section has been taken from the ExploAndes report which completed a detailed sampling and mapping program in 2007-08 over a 200-hectare area covering the central part of the property where the Princesa, V2, V1a and V1b veins are outcropping. During the first visit done by the author in 2008, several key features of this mapping have been reviewed

and some re-sampling have been completed with results showing good repeatability of the original data which consequently gives weight and thrust to the original description. However, following the second field visit with Nick Tintor and Alex Hirtz in 2010, some questions arise about the nature of the polymictic conglomerate units named Conglomerate 1, 2 and 3 that covered the centre part of the most interesting area. After having seen some of the key geological features and having compared them to some similar units in the belt, it has been concluded that these conglomerates are in fact diatreme breccias. This is supported by some publications authored by Dr Alan Clark of the Queens University in Kingston, Ontario (Lead-Zinc mineralization of the Pilunani-Nicaragua Belt, confidential report prepared for Solex in 2006). During the field visit completed by the author, similar mineralized diatreme breccias were observed at the Pilunani and Parcuyo projects located in the same metallogenical belt as Princesa.

Rocks outcropping in the area are composed of an intercalated sequence of sandstone, conglomeratic sandstone and conglomerates belonging to the Huancané Formation and to the Moho Group (Photo 1) including some limestone in the south eastern part of the property (Map 1). The overall sequence strikes NW and dip weakly 010º-035º to the SW.

A unit of matrix supported polymictic breccias, called diatreme breccias, with un-sorted sub-rounded clasts of sandstone, limestone and mudstone has been mapped in the central part of the area of interest. These breccias are in contact with a sequence of coarse grained micro-conglomeratic sandstone which is truncated by the Princesa Fault putting in contact the coarse grained sandstone with some younger conglomerate. The petrographic and physical features of these conglomerates are quite similar to the ones of the Chupa Conglomerate described in the region which have been lately described as diatreme breccias by Clark (2006).

The sequence of clastic sediments is composed of sandstone, conglomeratic sandstone and lenses of conglomerate. The basal part of this sequence, mapped in the east and north part of the studied area, is composed of layers of fine to coarse grained quartz rich sandstone intercalated with narrow beds of conglomerates. The upper part of the whole sequence is constituted of conglomeratic sandstone which is in contact with limestone and the Chupa Conglomerate. This limestone-sandstone NW trending contact has been mapped over few small outcrops.

In the western part of the mapped area, to the west and north of the Princesa Vein, mapping reveals the presence of layers of fine to medium grained quartz rich sandstone, some conglomeratic sandstone and unsorted polymictic conglomerates. The upper part of this sequence lies on the Chupa Conglomerate; most part being covered towards the north. The upper part of

this sequence overlies a polymictic conglomerate with rounded sandstone and limestone clasts outcropping extensively in the south part of the project. This sequence strikes NW-SE to E-W and slightly tilted (6º) to the SW.

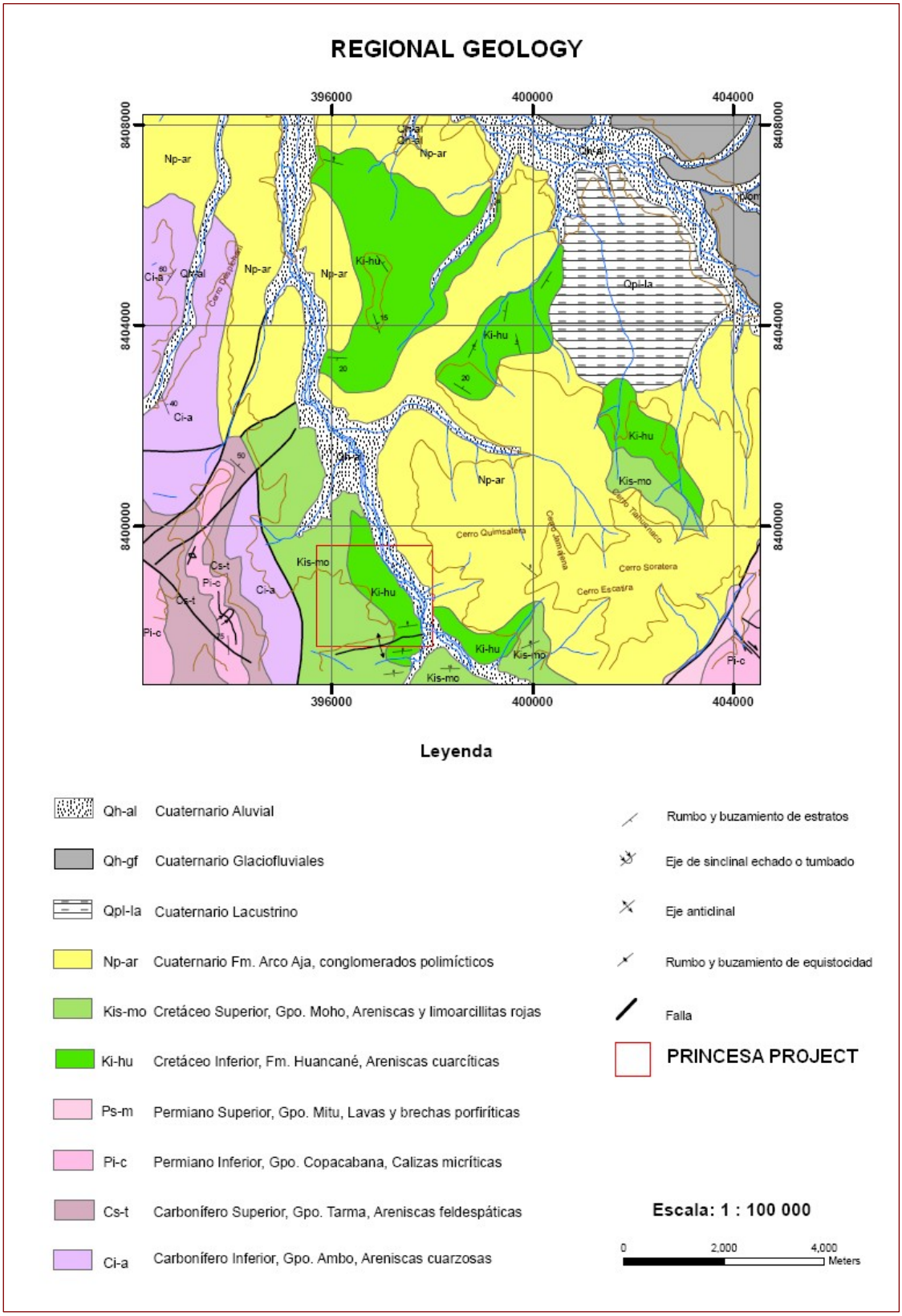
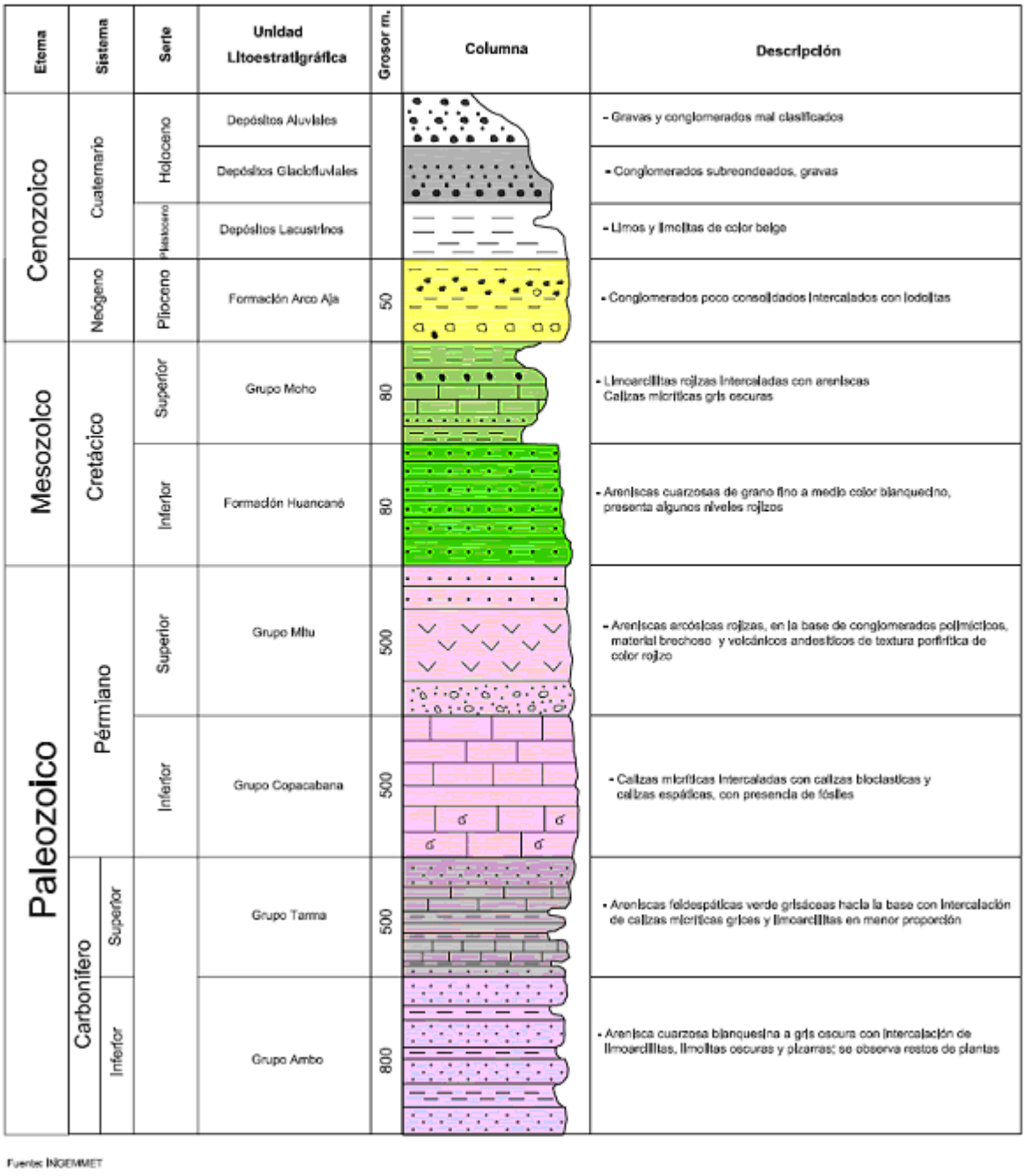


FIGURE 2: REGIONAL GEOLOGY

REGIONAL STRATIGRAPHIC COLUMN



Fuente: INGEMMET

FIGURE 3: REGIONAL STRATRIGRAPHIC COLUMN

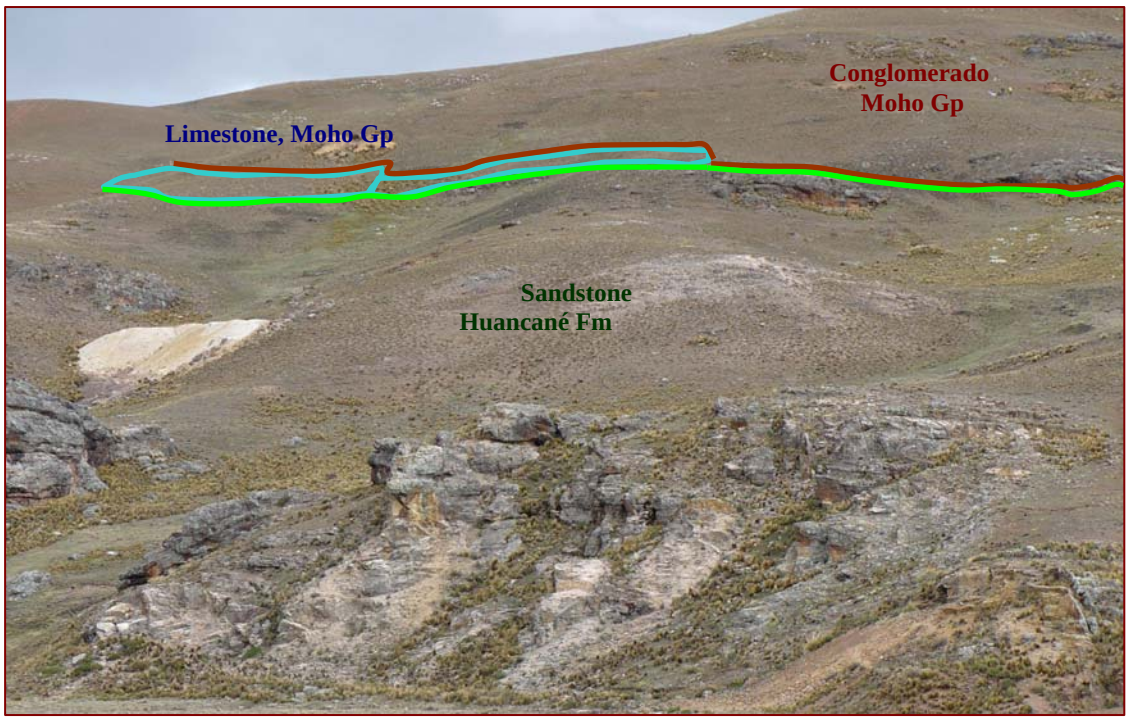


PHOTO 1: LOOKING WEST: SANDSTONE OF THE HUANCANÉ FORMATION: LIMESTONE AND CONGLOMERATE OF THE MOHO GP.

The difference between the eastern half of the studied area (more sandstone and conglomeratic sandstone horizons) and the western one (more conglomerate layers) is interpreted as a lateral facies change of the whole clastic sequence. On the other side, the eastern clastic sequence is underlain by some limestone while on the western side, the clastic sequence grades directly into the upper part of the polymictic breccias. These clastics sequences belong to the Huancané Formation (Cretaceous Inferior) described by Chávez and al (1996) in the Putina Region and by Monge and Zedano (1996) in the Limbani Region.

The contact between the limestone and the conglomerates overlying the Huancané Fm has been interpreted as an angular discordance: the limestone has been partially eroded from the violent deposition of the conglomerates. From bottom to top, these limestones become dirty due to the accumulation of clay and detritic material in the matrix.

5.3 STRUCTURAL SETTING

The studied area shows a fragile deformation style that has produced three different systems of faults and fractures as illustrated on Figure 4 and Map 1.

System I: these faults are of normal-dextral movement (Photos 2, 3 and 4). In the central and west areas, they are oriented E-W to NW-SE (260º to 300º), whereas in the east portion, they strike 055º to 070º, dipping at 050º to 060º to the north. The sudden change in direction is explained by the dragging of the fault plane along a NE trending fault belonging to the System II. The most important structure of this system is the Princesa Fault. This fault has a 1 km strike length on surface (Photo 4). However, the structure has been intersected in DDH PRIN-61 drilled 500 m to the west of the last outcrop which consequently indicates that the structure has a minimum strike length of 1.5 kms. The Princesa Fault shows development of secondary and tertiary faults branching out from the main structures which, however, are of shorter extension. Some fault breccias, characterized by angular sandstone clasts within a mylonitized matrix, are often seen in close association with this system. Mineralized vein V1a is associated to such breccias.

System II: these faults are striking 035º to 070º and they crosscut and displace faults of System I along dextral and sinestral movement where displacements can reach up to 8 m horizontally as observed in the case of the Princesa Fault in the west part of the vein (Figure 4). The System IIa corresponds to perpendicular faults of System II; faults strike N-S and show dextral and sinestral movements.

System III: this fault system strikes 330º to 350º with dip varying from 055º to 085º E. These are very short faults but are also crosscutting and displacing the faults of System I.

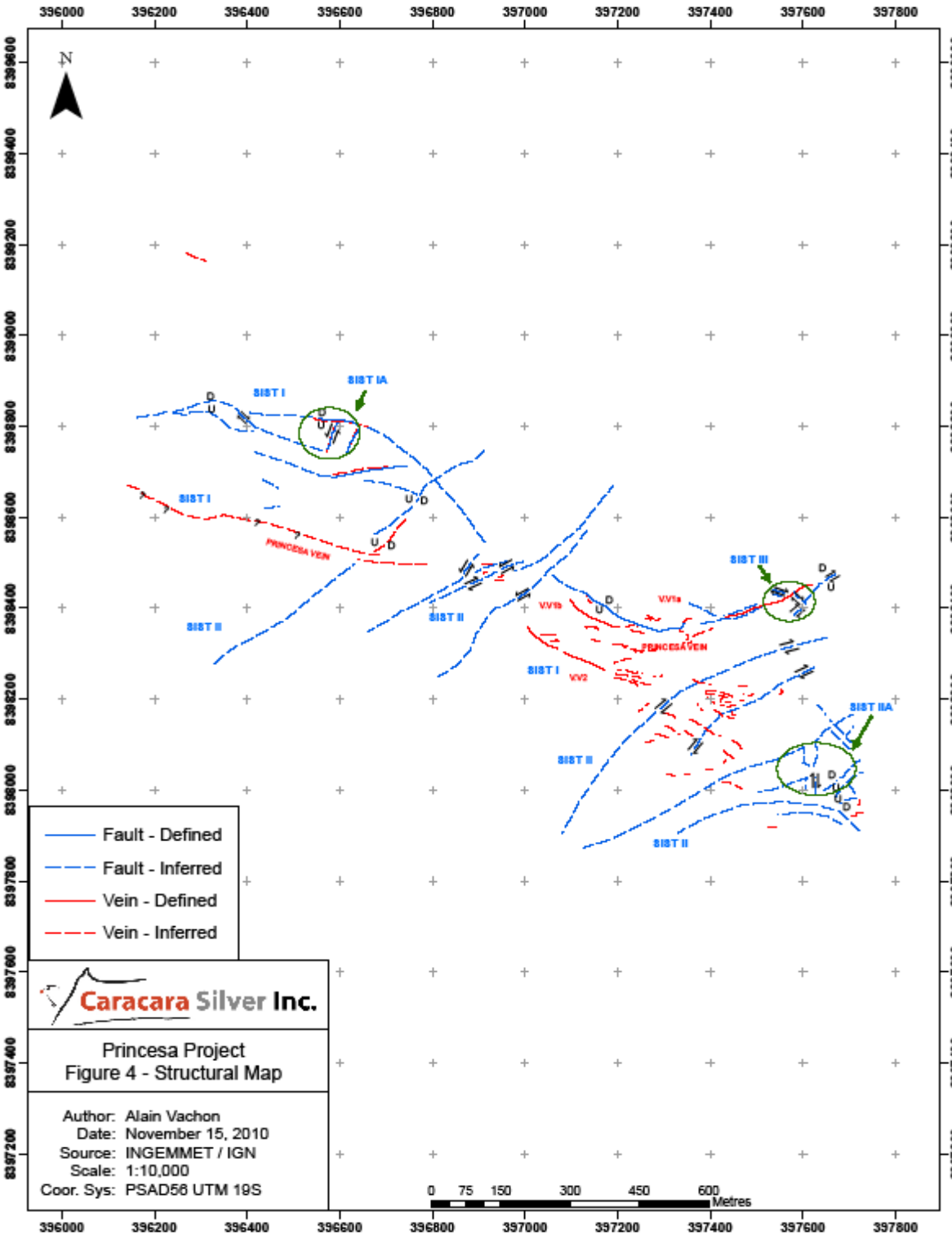


FIGURE 4: STRUCTURAL MAP

PHOTO 2: SYSTEM I; NORMAL DEXTRAL FAULT; THE HAMMER AND THE PEN INDICATE THE DIRECTION AND MOVEMENT OF THE FAULT.

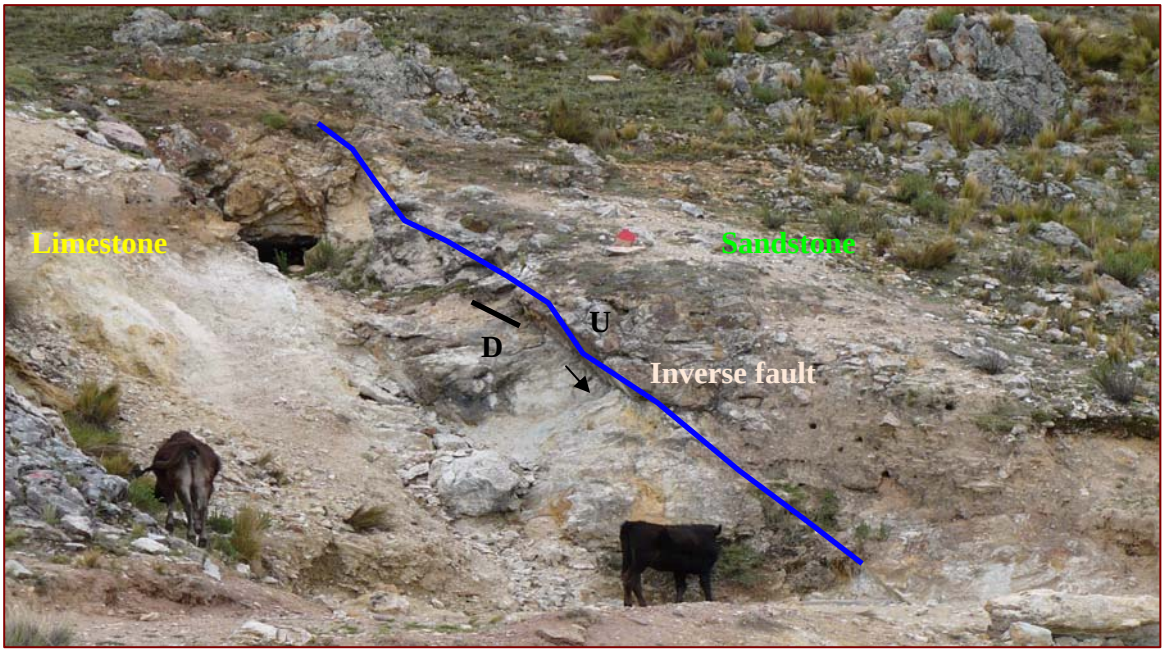


PHOTO 3: LOOKING WEST; INVERSE FAULT 260°-63° TO THE NORTH. THIS FAULT PUT IN CONTACT THE LIMESTONE WITH THE SANDSTONE.

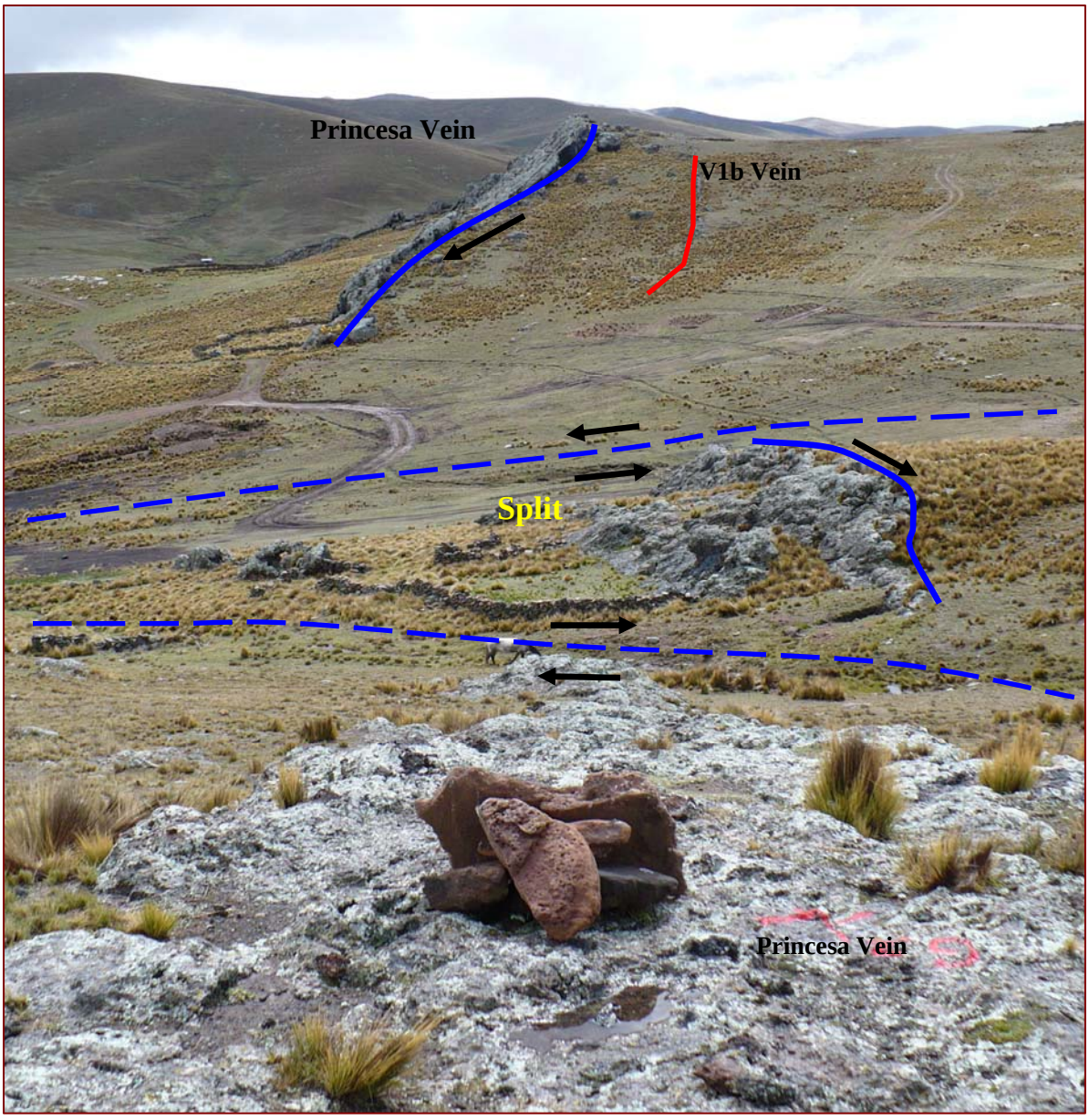


PHOTO 4: LOOKING EAST FROM THE WEST PART OF THE PRINCESA VEIN (SYSTEM I). THE VEIN IS TRUNCATED BY NW TRENDING FAULTS (SYSTEM II). NOTE SOME SIGMOID DEVELOPMENT TO THE SOUTH (FOOTWALL) OF THE VEIN AND SPIT VEIN (V1B) AT THE HANGING WALL.

6. DEPOSIT TYPE

The Princesa and other base metal deposits occurring within the Pilunani-Nicaragua polymetallic belt are interpreted as high-temperature (> *ca.* 250°C) vein/stockwork/replacement systems directly associated with large-scale diatreme emplacement. Hydrothermal activity was focused along a NW striking corridor of contractional faulting along the original western margin of the upper Oligocene-Lower Miocene basaltic and rhyodacitic volcanic/hypabissal Picotani Group centre of the Picotani Plateau. Together with the large Mina Cecilia deposit, the mineralization of the belt was coeval with the giant San Rafael tin mine and the Palca 11 lithophile-metal lode systems, also located around the margins of the Crucero and Anccocala intra-montane basins. The latter centres exhibit lateral transitions to locally Zn-rich zones, and Princesa and associated deposits may be regarded as integral components of an exceptionally rich and diverse metallogenetic province. These Ag-Pb-Zn deposits type bear a significant economic importance in this area of Peru and its viability is basically a function of the numbers of mineralized veins, their grades and size.

7. MINERALIZATION AND ALTERATION

The polymetallic mineralization found on the property occurs as vein/stockwork/replacement type and is hosted by sandstone and conglomerate of the Huancané Formation, limestone and diatreme breccias. This mineralization is structurally controlled and may extend up to 10 metres away from the walls of the fault. Some scattered Pb-Zn mineralization also occurs as veins and dissemination within the limestone located on the footwall of the inverse fault to the south eastern part of the working area. On the periphery of the main Pb-Zn veins, some narrow veins of extremely high grade silver (up to 1500 g/t Ag) are also encountered.

7.1. HYDROTHERMAL ALTERATION

The hydrothermal alteration is restricted to the immediate walls of the mineralized veins. Silicification occurs as grey massive quartz replacement patches in the matrix of the sandstone and the conglomerate and acts as support for the fine grain sulphide mineralization. Sericite is irregularly associated with silicification (phyllic alteration) and is observed in the interstices, voids and hair line fractures of the host rocks. Sericite alteration also occurs as strong argilization (sericite-kaolin) associated with the fault zones and also surrounding the phyllic alteration.

De-carbonatization (leaching of CO_2 by the action of acid solution) of limestone occurs as bleached patches where disseminated galena and sphalerite are noted. The limestones are marblelized close to the mineralized veins.

7.2 MINERALIZATION

The most significant mineralization at the Princesa Project comprises base metal veins and adjacent stock work associated with EW to WNW trending faults which form conspicuous rich-goethite-limonite with commonly dark blue rich-manganese oxide outcrops. The sulphide assemblage is composed of pyrite, marcasite, barite, sphalerite and galena**.**

The Princesa Vein is the most important mineralized structure of the project having been traced over a minimum strike length totalling 1,500 metres, up to 150 metres of vertical extent with thickness reaching up to 20 metres where zones of breccias generated by fault reactivation occurred. The vein strikes WNW to EW to ENE and dips to the north. At least three parallel mineralized structures, named V2, V1a and V1b have been mapped within 200 metres of the Princesa Vein; they are interpreted as split veins and show the same gossan mineralogical assemblage as the Princesa Vein with lesser sulphides content.

On surface, the mineralization appears as a gossan constituted of limonite-goethite-zincite-silica-barite-pyrite-marcasite-galena-sphalerite and blue black manganese oxide. Barite occurs as tabular crystals in beds, voids and forms a locally bladed crustiform fine grained groundmass. Common mineralization textures include rosette, botroidal, banded, colloform and crustiform. Layering is noted as fine grained banding stacked from the center to the outer of the vein: the central part being occupied by tabular barite crystals grading to massive fine grain marcasite on the outside. In drilling and tunnels, the mineralization is quite similar to the one observed at surface and it consists of veins and veinlets of goethite-sulphides with silica, botroidal goethite-limonite-zincite filling up the voids and fractures (Photo 5).

Galena occurs as disseminations, veins and veinlets and is closely associated with zones of intense silicification. In sections of anomalous base metals content, fine grained marcasite is a prominent gangue mineral where it is associated to silicified zones and fine layers of barite (Photo 6). Fine grained pyrite forms locally crude banding with marcasite. Brown coloured sphalerite is less frequent but has been seen in DDH PRIN-02. A white and brown mineral with rhombic cleavages interpreted as smithsonite occurred also in filling voids.

Other mineralized structures include the V2, V1b and V1a veins. The V1b Vein strikes 120º and dips 068º to the SW while the V2 Vein trends 300º/062º to the NE. Some underground workings have been opened along these two veins. The V2 Vein is locally quite impressive having 500 metres of strike length and reaching up to 4 metres in thickness near its south eastern extremity.

PHOTO 5: GOETHITE IN DDH PRIN-61

PHOTO 6: BARITE-MARCASITE LAYERS DDH PRIN-17

8. SOLEX EXPLORATION RESULTS: 2004 to 2008

All recent exploration work carried out at Princesa has been completed by consulting firms under supervision of Solex. From 2004 to 2007, exploration done by Buscore consisted of reconnaissance mapping, random sampling and geophysical surveys (HLEM, VLF, Magnetic and Induced Polarization) which led to the completion of 64 diamond drill holes. Drilling targeted the lateral and depth extensions of the Princesa Vein, the V1a, V2 and other secondary veins where high base metals and silver values were encountered. The author is unable to comment on the quality, procedures and controls of the work performed by Buscore in these two programs as they have not met personally and therefore, their work practice and ethic could not be evaluated properly.

The last exploration program carried out at Princesa was completed by ExploAndes from December 2007 to February 2008. During this program, all data was collected under the supervision of professional junior to senior-level geologists utilizing accepted international exploration standards and, the resulting information is believed to be highly reliable. It is the opinion of the author that this program was executed following the standards accepted by the CSA.

The details of each work phase are outlined below:

- In 2004: Preliminary geological assessment with random sampling.

- In 2006: Mapping, geochemical sampling and eleven drill holes totalling 787.4 metres (DDH # PRIN-01 to PRIN-11). Map 4 shows the location of all sampling done by Buscore/Solex and figures 5 to 7 presents the respective thematic map results for Ag, Pb and Zn. Sample description and results are provided in Appendix 3. Results of the drilling will be described in the next chapter.

- In 2007: Geophysical surveys consisting of HLEM, VLF, Magnetic and Induced Polarization followed by a 53 ddh program totalling 6,101.6 metres (DDH # PRIN-12 to 64). Results of the drilling are not available for discussion by the author. Figure 8 shows the chargeability map contour of the Princesa Project. Note the good correlation between the Princesa Vein and the strong chargeability anomaly.

- In 2007-08: Generation of a base map covering 220 metres at a scale of 1:1000 with contour lines every metre; survey of the 64 drill holes drilled in 2006 and 2007; geological mapping at a scale of 1:1000; geochemical sampling of outcrops and veins; mapping and sampling of the mineralized structures in the old tunnels; detailed re-logging and re-sampling of 16 selected drill holes; generation of 16 cross sections and a longitudinal section for the Princesa Vein. ExploAndes collected 263 samples from outcrops, mineralized veins and tunnels during their exploration program. Sample location is shown on Map 3, their distribution is presented on Table 2 and results are presented in Appendix 2.

    - Ag: 194 samples with values > 10 ppm including 170 with values ranging from 10 ppm to 100 ppm and, 24 samples with values > 100 ppm with a maximum of 826 ppm.

    - Pb: 82 samples with values > 1% including 43 values ranging from 1% to 2% and, 39 samples with results > 2% with a maximum of 17.98%.

    - Zn: 71 samples with values > 1% including 63 values ranging from 1% to 2% and, 8 samples with values > 2% with maximum of 10.64%.

o Barium and manganese indicate a positive correlation with Ag-Pb-Zn. Finally, some samples of the V2 Vein and some associated with carbonate rich zone show anomalous copper values (>100 ppm).

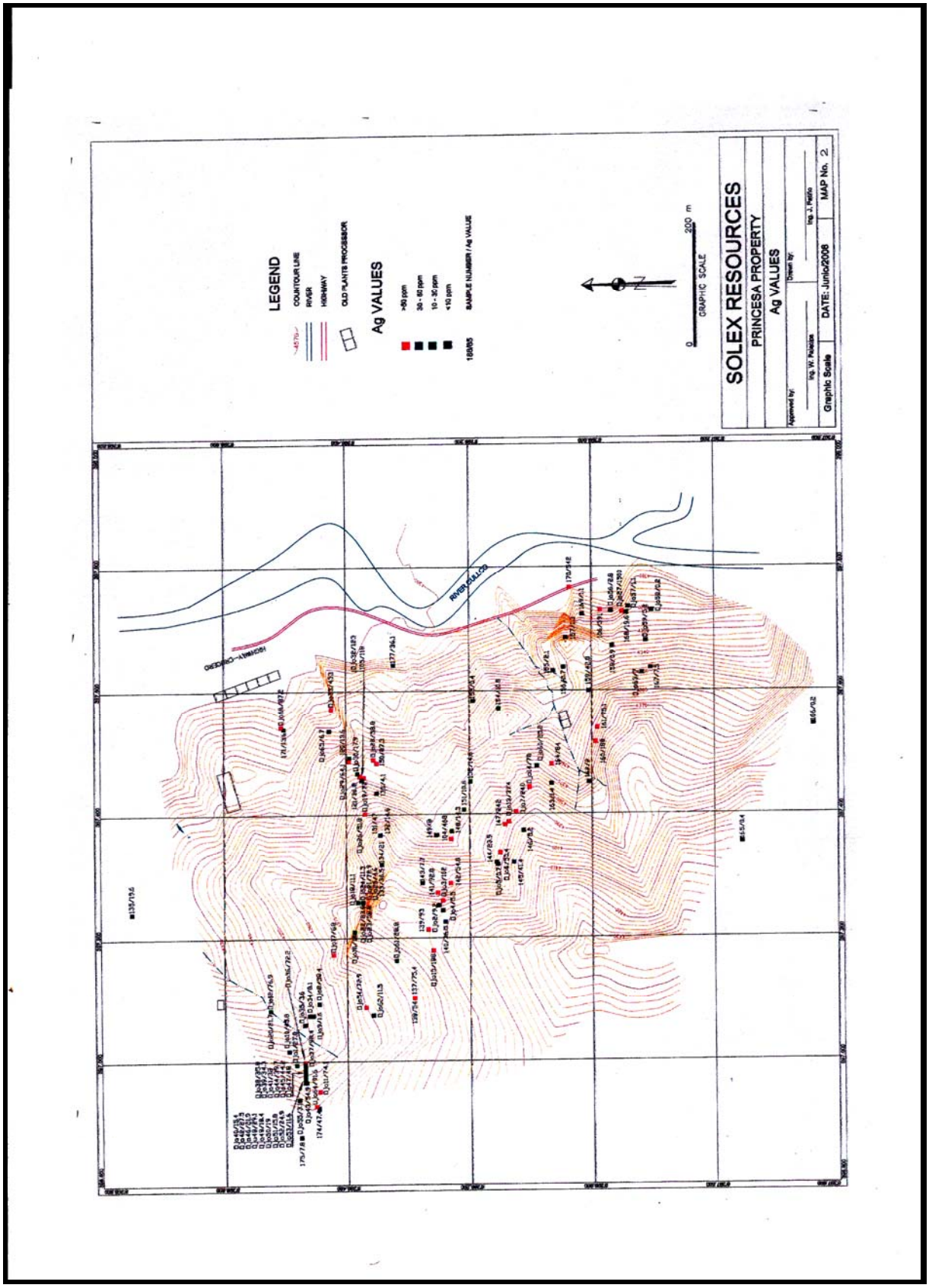


Figure 5: Buscore All Samples Silver Values Map

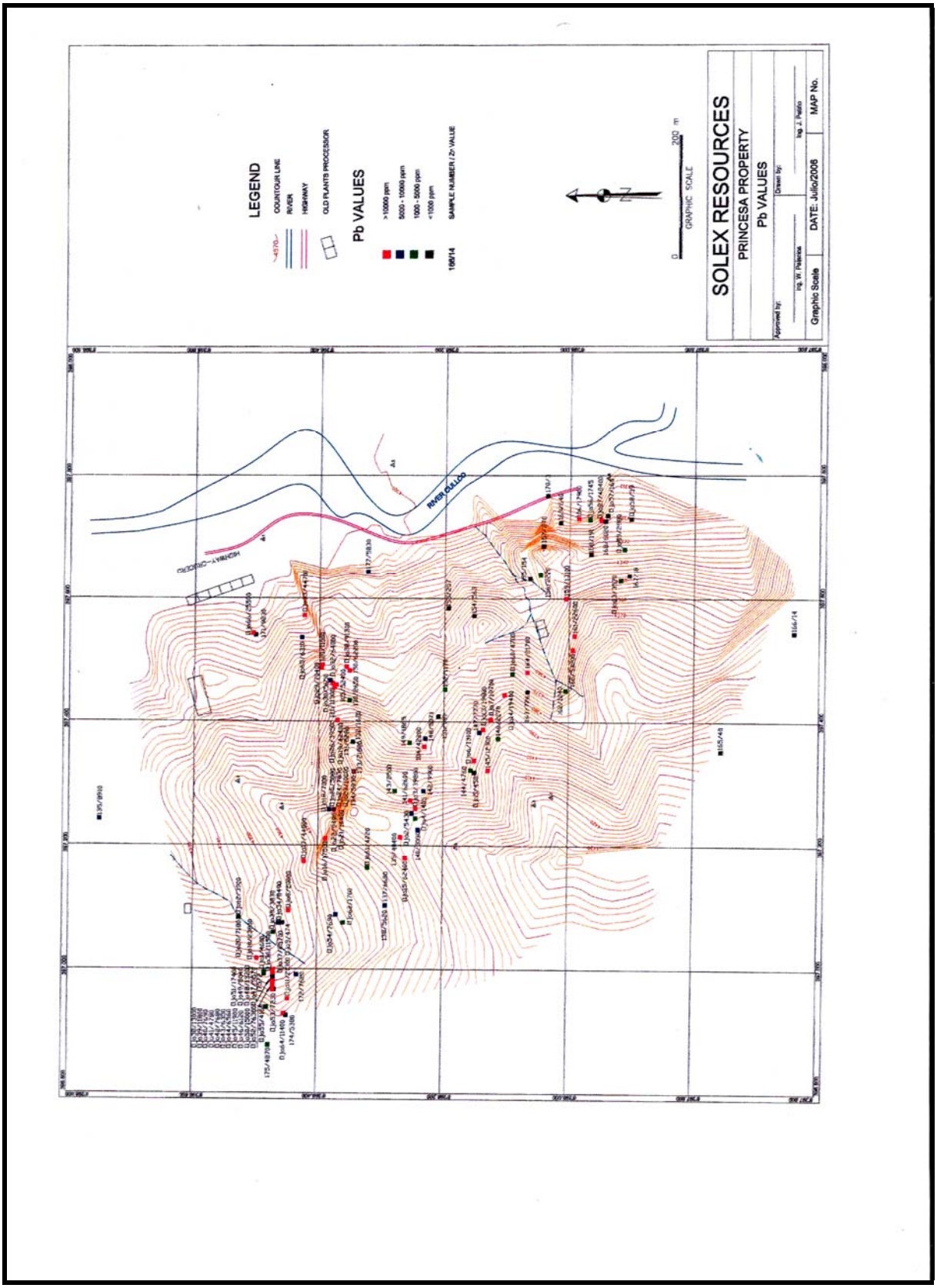


Figure 6: Buscore All samples Lead Values Map

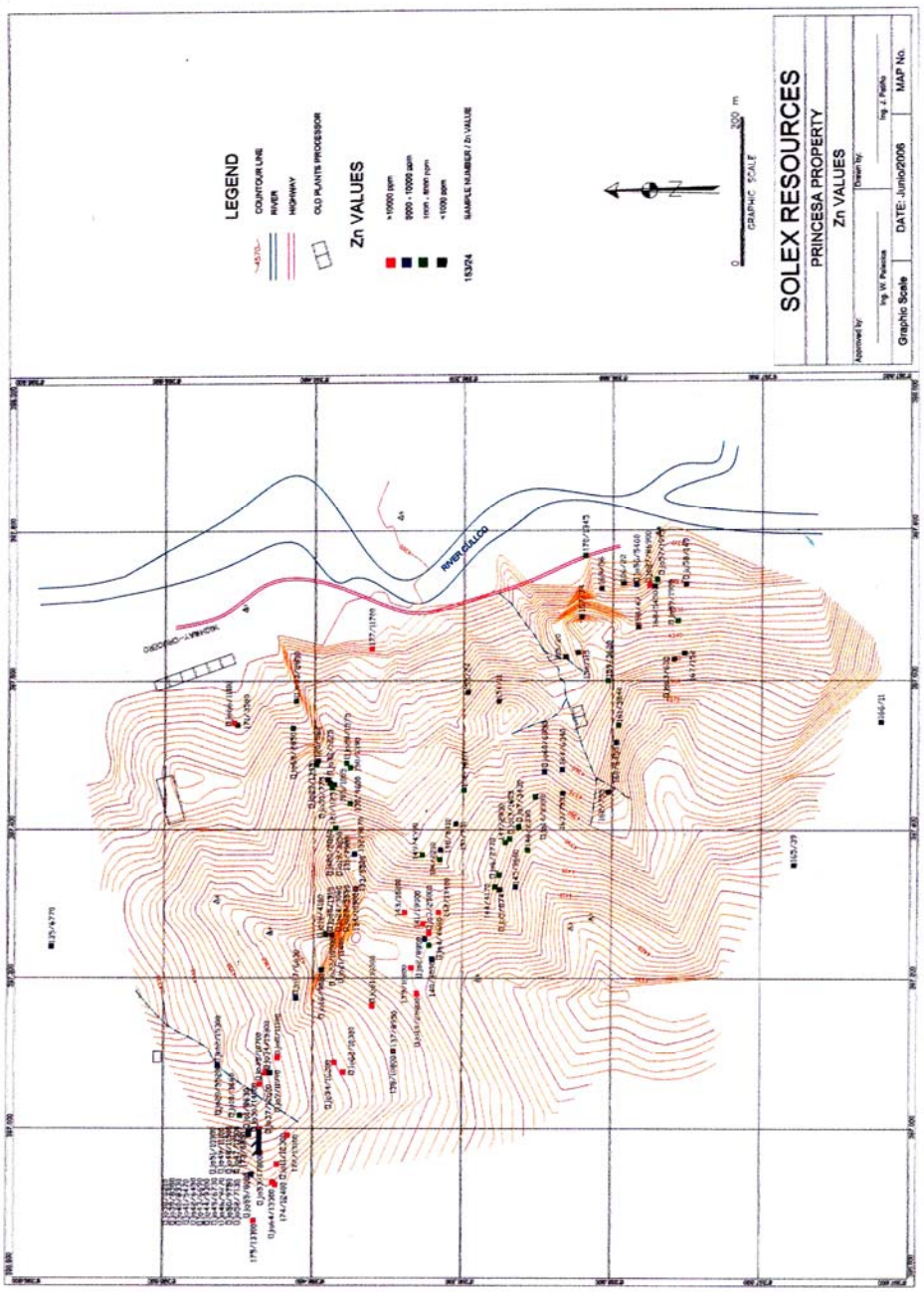


Figure 7: Buscore All Samples Zinc Values Map

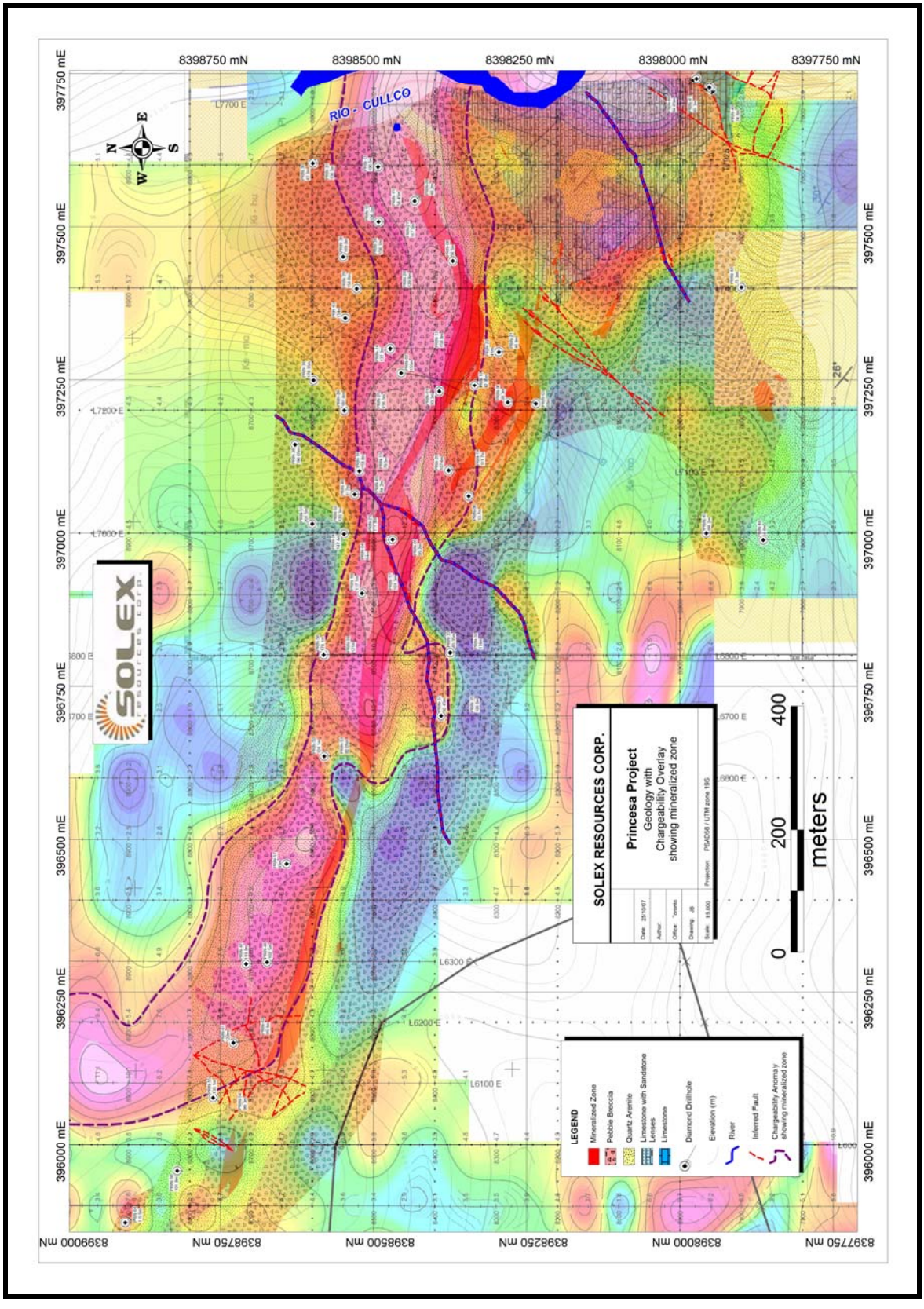


FIGURE 8: IP CHARGEABILITY MAP OF THE PRINCESA PROJECT

Table 2: Distribution of samples taken by ExploAndes.			
Samples	**Channel**	**Channel-Chips**	**Panel-Chips**
Veins surface		233	
Veins U/G	20		
Dissemination			3
Stock Pile	2		
Duplicate	5		

9. DRILLING

Since 2006, Solex drilled 64 holes totalling 6,889 metres on the Princesa Project to test the lateral and depth extension of the mineralized veins, mainly the Princesa Vein which, as of today, represents the main mineralized feature discovered on the property. During the last exploration program, all drill holes have been re-located and a series of 16 selected cross sections and a longitudinal section of the Princesa Vein have been produced (Map 2). The location of each hole has been obtained via surveying while direction and dip came from the partial diamond drill hole database provided by Buscore. The 16 holes that have been re-logged were jointly selected by Solex and ExploAndes staff accordingly to the following criteria: holes which intersected the Princesa Vein (15 holes), the V2 Vein (1 hole) and holes which returned high Ag-Pb-Zn values. The relogging allowed Solex to obtain a complete description of the mineralized veins and to complete some data verification assays. Tables 3 and 4 present respectively the technical parameters of the two drilling programs and a summary of each mineralized interval described in the 16 holes relogged.

Most of the drilling (48 holes) completed by Solex was focused on testing the lateral and vertical continuity of the Princesa Vein and intercepting the extensions of the V1a and V1b veins. Seven holes also tested the extensions of the V2 Vein and finally, 9 holes were completed on other targets. However, not all drill holes that aimed to test the Princesa Vein cut the projected target as some holes have been stop prematurely or were incorrectly planned. Of note, 14 holes were drilled along a 1-km long section of the Princesa Vein to the west of NNE trending faults mapped in the centre of the area (DDH PRIN-17-18, 56-59, 50-53, 57, 47-48, 61-62, 54-55 and 58). Of these 14 holes, eight cut the Princesa Vein yielding some spectacular grades such as: 609.71 g/t Ag, 2.43% Pb and 0.96 % Zn over 9 metres in hole PRIN-53 and, 189.76 g/t Ag, 5.47% Pb and 1.92% Zn over 12 metres in hole PRIN-61. The holes which did not intersect the Princesa Vein were drilled at a very steep angle (085^{o}) and consequently missed the Princesa Vein which, in this area, is

interpreted to dip at 60-70°. The most significative conclusion is that the Princesa Vein shows continuous Ag-Pb-Zn mineralization over a minimum strike length of 1,500 metres, is open along strike on its west side and at a depth where the deepest hole mineralized intersection stands at 150 metres vertical.

The author selected four typical cross sections of the Princesa Vein drilling in order to illustrate the geology, the dip and the overall setting of the mineralization. The description of each mineralized intersection is presented in Table 4. Cross sections of holes PRIN-01, 09 and 11, 53 and 61 are presented in Figures 9 to 12.

10. SAMPLING METHOD AND APPROACH FROM EXPLOANDES WORK

ExploAndes collected 263 samples from the 2007-2008 exploration program using several types of sampling techniques: non continuous channel samples across the entire width of the outcropping veins at every 10 or 20 metres; chip samples taken every 2 metres across the width of the veins in the tunnels; grab samples collected in areas of poorly exposed “rubble-crop” and; panel sampling on other mineralized veins and outcrops. Location of samples is shown on Map 3. The author collected non continuous channel samples across the entire width of the mineralized veins.

All samples of in situ materials were collected with a geological hammer and chisel. Due to the fine fracture-controlled and irregular nature of the mineralization, many samples were collected as “scatter-chips” or continuous panels over areas of generally greater than one square metre. Sample weight was approximately three to five kilograms and the entire sample was placed on a clean plastic sheet spread in front of the outcrop. Then, the sample was described by a geologist and was placed in a numbered plastic bag containing a distinct laboratory sample tag.

During the relogging phase, 24 samples were collected from the diamond drill core review. 50% of the remaining core for each interval was selected, put in a sealed plastic sample bag containing a distinct laboratory sample tag.

Based upon the observations regarding the nature of the alteration and mineralization at the Princesa Project and the QC/QA procedure and check sampling program done by ExploAndes, sample results appear to be reliable and accurate. Surface sampling procedures are considered justified and adequate, and show good repeatability based upon check sampling.

Table 3: DDH parameters of the 2006 and 2007 drilling campaign. VP-Vein Princesa, V2-Vein 2 and V other targets							
Hole	UTM coordinates					L (m)	Target
	East	North	Elevation	Dip	Azimut		
PRIN - 01	397215,3	8398406,0	4351,4	-55	180	93,30	VP
PRIN - 02	397223,6	8398342,8	4377,6	-45	10	157,20	VP
PRIN - 03	397197,5	8398287,8	4379,9	-50	180	68,00	V2
PRIN - 04	396974,8	8398482,8	4338,3	-80	350	64,00	VPS
PRIN - 05	396972,0	8398483,6	4339,0	-55	180	95,40	VPS
PRIN - 06	397046,8	8398355,0	4353,3	-50	215	33,70	V2
PRIN - 07	397197,1	8398243,0	4387,6	-50	10	38,30	V2
PRIN - 08	397428,0	8398380,4	4334,1	-65	200	56,50	VP
PRIN - 09	397527,2	8398438,0	4301,7	-70	150	40,20	VP
PRIN - 10	397240,9	8398462,9	4347,6	-65	190	82,35	VP
PRIN - 11	397527,2	8398438,0	4301,7	-70	330	58,45	VP
PRIN - 12	397493,0	8398497,0	4296,0	-55	180	106,10	VP
PRIN - 13	397285,7	8398479,1	4335,6	-55	180	158,80	VP
PRIN - 14	397285,6	8398479,3	4335,8	-85	180	137,30	VP
PRIN - 15	397086,2	8398530,7	4321,6	-45	180	79,30	VP
PRIN - 16	397086,2	8398531,0	4321,6	-85	180	137,20	VP
PRIN - 17	396887,2	8398526,9	4362,9	-55	180	101,30	VP
PRIN - 18	396887,3	8398527,3	4362,9	-85	180	117,10	VP
PRIN - 19	397087,2	8398385,3	4347,3	-45	180	111,70	V2
PRIN - 20	397087,2	8398385,6	4347,3	-80	180	107,40	V2
PRIN - 21	397280,3	8398302,1	4364,4	-55	180	46,90	V2
PRIN - 22	397280,1	8398301,7	4364,4	-85	180	41,00	V2
PRIN - 23	396983,9	8398555,1	4336,9	-55	180	111,80	VP
PRIN - 24	396983,9	8398555,4	4337,0	-85	180	147,40	VP
PRIN - 25	397184,9	8398555,3	4322,4	-55	180	156,50	VP
PRIN - 26	397184,9	8398555,1	4322,4	-85	180	181,60	VP
PRIN - 27	397493,0	8398497,2	4295,9	-75	180	117,50	VP
PRIN - 28	397384,3	8398532,7	4312,2	-55	180	129,80	VP
PRIN - 29	397384,3	8398532,9	4312,2	-85	180	156,60	VP
PRIN - 30	397588,6	8398603,3	4277,6	-55	180	42,30	VP
PRIN - 31	397588,6	8398603,9	4277,6	-55	180	136,50	VP
PRIN - 32	396789,0	8398383,4	4381,5	-55	180	116,00	V
PRIN - 33	396788,9	8398383,1	4381,5	-85	180	67,35	V
PRIN - 34	397435,3	8398554,2	4297,2	-55	180	156,10	VP
PRIN - 35	396684,7	8398397,7	4399,8	-55	180	106,60	V
PRIN - 36	397435,3	8398554,5	4297,2	-85	180	169,80	VP
PRIN - 37	396684,8	8398398,0	4399,8	-58	180	92,45	V
PRIN - 38	397129,9	8398634,7	4309,1	-45	80	196,05	V
PRIN - 39	397234,9	8398604,2	4317,6	-45	180	178,35	VP
PRIN - 40	397705,9	8397953,0	4299,8	-80	45	74,60	V
PRIN - 41	397709,0	8397957,2	4299,4	-75	45	85,30	V
PRIN - 42	397384,3	8397905,5	4378,0	-50	180	78,80	V

Table 3: DDH parameters of the 2006 and 2007 drilling campaign. VP-Vein Princesa, V2-Vein 2 and V other targets							
Hole	UTM coordinates					L (m)	Target
	East	**North**	**Elevation**	**Dip**	**Azimut**		
PRIN - 43	397582,0	8398498,2	4280,0	-45	180	100,50	VP
PRIN - 44	396970,7	8397871,8	4430,3	-50	180	54,60	V
PRIN - 45	396982,9	8397964,6	4428,3	-55	180	66,20	V
PRIN - 46	396285,1	8398684,2	4445,5	-50	180	102,50	VP
PRIN - 47	396282,5	8398718,4	4442,6	-60	180	119,80	VP
PRIN - 48	397047,8	8398537,7	4323,6	-85	180	117,00	VP
PRIN - 49	397047,8	8398538,0	4323,4	-50	180	84,20	VP
PRIN - 50	396620,7	8398590,0	4447,7	-85	180	124,10	VP
PRIN - 51	397000,6	8398607,7	4331,9	-85	180	201,50	VP
PRIN - 52	397000,6	8398608,0	4332,0	-55	180	120,30	VP
PRIN - 53	396620,8	8398589,5	4447,6	-55	180	82,05	VP
PRIN - 54	396063,1	8398772,8	4523,7	-85	180	99,30	VP
PRIN - 55	396063,2	8398773,0	4523,7	-85	210	130,10	VP
PRIN - 56	396786,8	8398589,4	4400,0	-85	180	178,10	VP
PRIN - 57	396444,9	8398651,9	4461,8	-85	180	93,00	VP
PRIN - 58	395944,1	8398831,5	4428,8	-85	185	101,80	VP
PRIN - 59	396786,8	8398589,4	4400,0	-55	180	121,00	VP
PRIN - 60	397724,5	8397978,3	4287,1	-80	210	94,65	V
PRIN - 61	396154,3	8398740,5	4421,8	-49	172	120,00	VP
PRIN - 62	396154,3	8398740,5	4421,8	-49	172	95,90	VP
PRIN - 63	397336,0	8398552,3	4326,2	-51	203	134,00	VP
PRIN - 64	395859,1	8398916,5	4426,1	-85	184	115,50	VP

Table 4: Summary of the drill holes relogged by ExploAndes						
DDH relogged by ExploAndes						
DDH	Interval (m)		Description	Weighted Average Grades		
	From	To		Ag g/t	Pb %	Zn %
PRIN-01	5.55	13.65	VP: Gossan: limonite, manganese oxide, earthy zincite, marcasite, barite.	31.76	1.00	0.84
PRIN-02	120.00	155.00	VP: Galena, sphalerite, patches of massive marcasite, marcasite-barite in colloform banding.	81.21	1.42	1.93
PRIN-03	26.75	30.15	VP: Fine grained galena, veinlets of pyrite marcasite, tabular barite in voids.	61.58	5.85	1.65
PRIN-04	20.20	22.10	VPS: Hydrothermal breccias, limonite, manganese oxide, sphalerite, veinlets of marcasite and barite.	11.20	0.43	0.94
PRIN-05	33.05	36.15	VP: Hydrothermal breccias, veinlets of fine grained marcasite, limonite, galena filling voids and barite. Sphalerite.	80.15	1.42	2.58
PRIN-06	21.15	22.00	V2: Open spaced fill of marcasite pyrite with colloform texture, diss. fine grained galena and barite.	29.25	0.15	0.69
PRIN-09	14.9	24.15	VP: Gossan: botroidal goethite, limonite associated to silica, Mn oxide, pyrite marcasite, barite.	135.13	4.45	0.33
PRIN-10	64.10	82.35	VP: Fill up of massive marcasite, fine grained galena associated to barite, limonite with smithsonite in voids.	45.37	0.49	1.30
PRIN-11	40.80	50.10	VP: Veinlets of marcasite-pyrite, marcasite-barite in colloform bands, barite in voids and fine grained galena.	312.18	1.71	0.69
PRIN-13	67.45	78.02	VP: Veinlets-patches of marcasite, botroidal goethite, fine grained galena and tabular barite with marcasite.	56.10	0.50	0.93
PRIN-14	120.60	126.20	VP: Hydrothermal breccias, massive marcasite barite in voids, Ga and Py.	7.60	0.30	0.06
PRIN-17	47.00	53.00	VP: Sphalerite, marcasite, barite in colloform bands, disseminated pyrite, traces of galena, smithsonite in voids.	15.68	0.55	1.03
PRIN-18	57.50	65.00	VP: Veinlets of marcasite, disseminated Py, sphalerite-barite in colloform bands.	23.06	0.80	2.44
PRIN-53	61.10	73.60	VP: Massive marcasite botroidal (?), tabular barite, manganese oxide, zincite, fine grained disseminated Ga.	609.71	2.43	0.96
PRIN-61	94.50	109.50	VP: Marcasite, dissemination of galena and sphalerite, Barite in open spaces, veinlets of marcasite-pyrite.	189.76	5.47	1.92

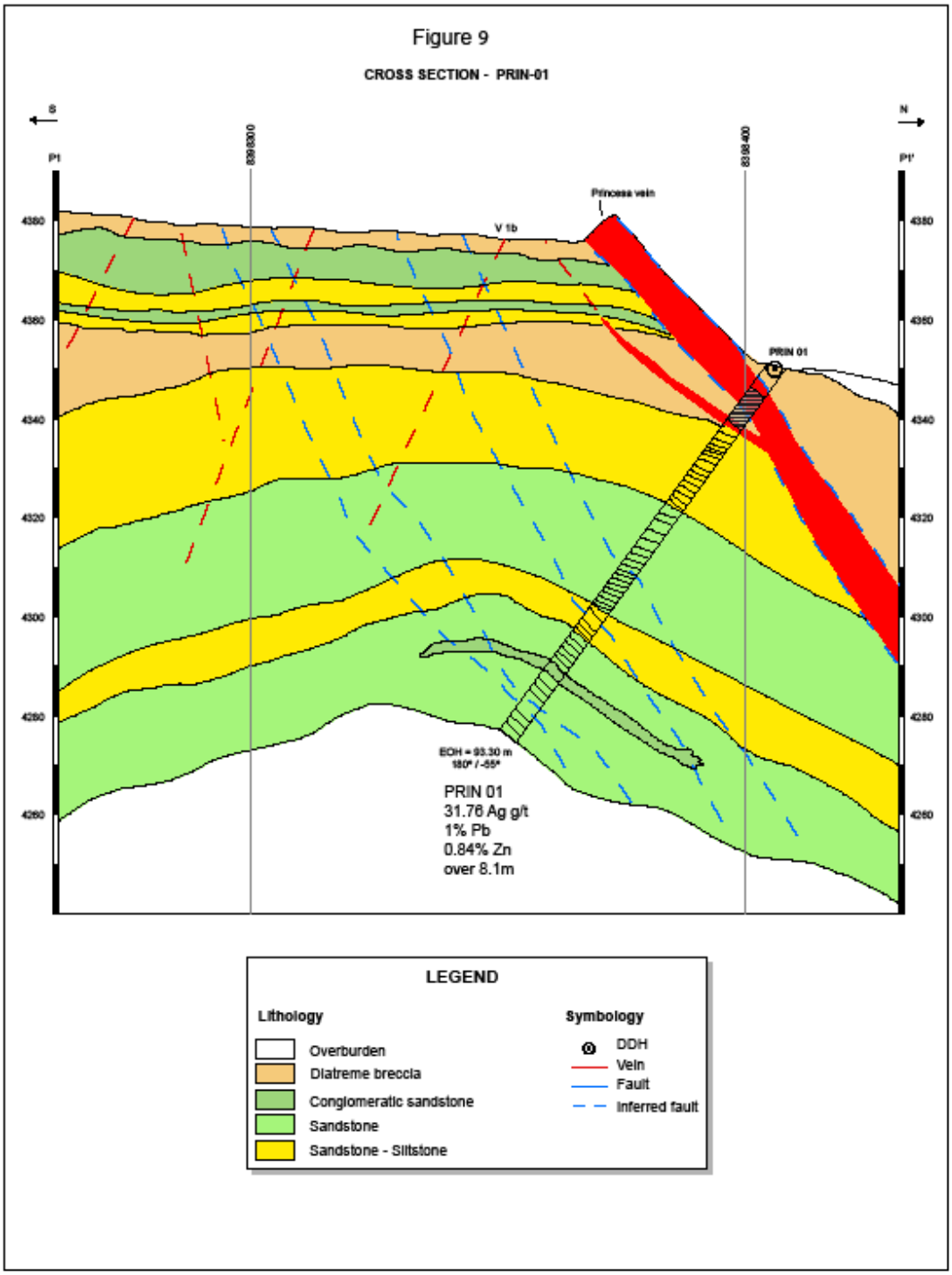


FIGURE 9: CROSS SECTION DDH PRIN-01

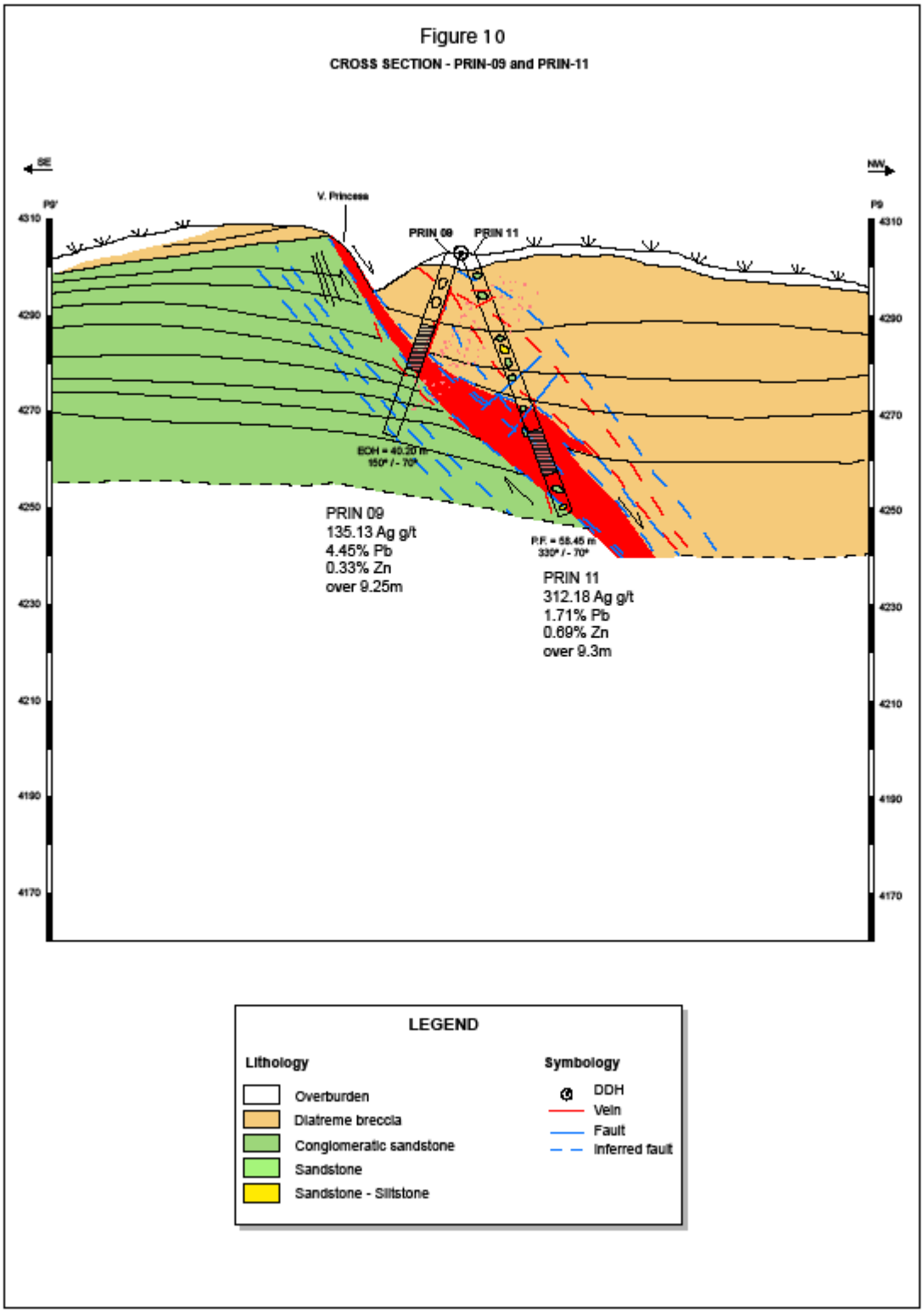


FIGURE 10: CROSS SECTION DDH PRIN-09 AND 11

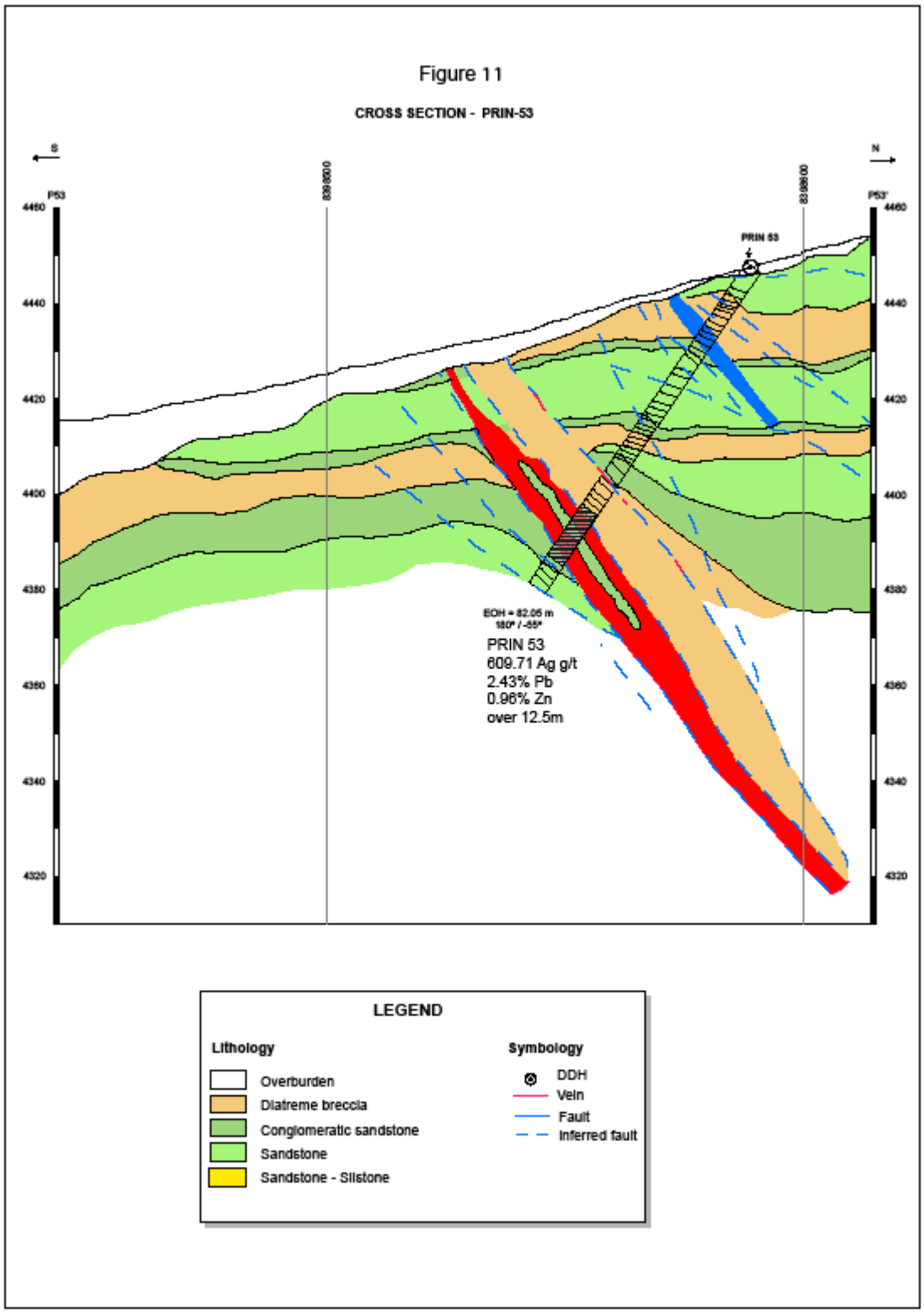


FIGURE 11: CROSS SECTION DDH PRIN-53

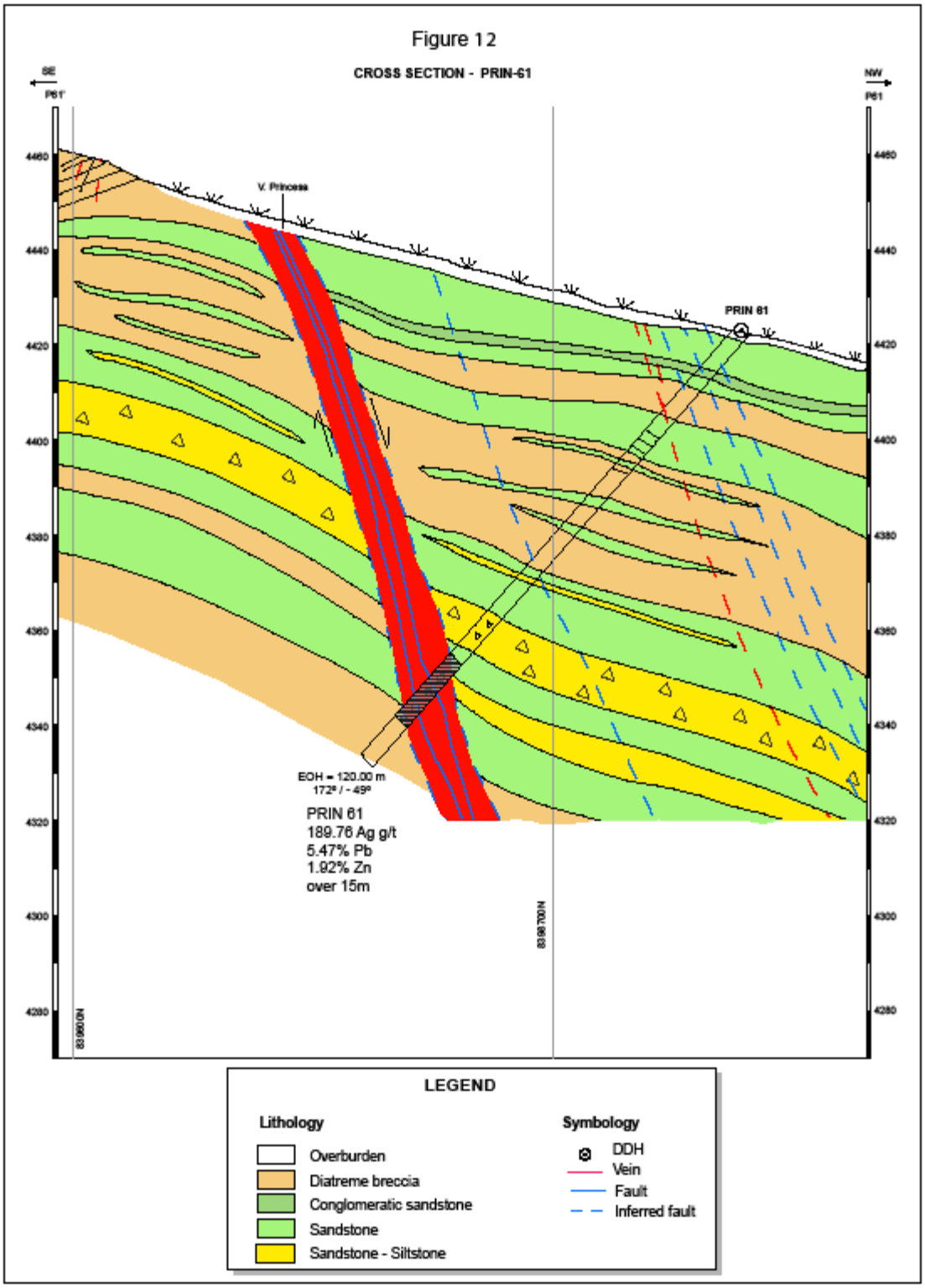


FIGURE 12: CROSS SECTION DDH PRIN-61

11. SAMPLE PREPARATION, ASSAYING AND SECURITY

As part of its sample quality control system, ExploAndes applied a strict sample management program which included recording each individual sample on a uniquely numbered sample card, inserting sample duplicates, sample standards and sample blanks. The QC/QA procedure implemented by ExploAndes consisted of the insertion of one duplicate, one commercially purchased standard and one proven blank by batch of 25 samples. Field sample duplication is carried out by sampling as precisely the area previously sampled using the same sampling technique and collecting a similar sample volume.

Assaying has been performed at ALS CHEMEX del Peru for all surface samples and drill core for the 2004-07 exploration programs. ExploAndes used SGS del Peru for its own program. The following assay techniques were used:

- **ICM40B:** Analysis for multi elements by acid digestion (agua regía) with final readings obtained using a conventional ICM spectrometer.
- **FAA313:** Analysis for gold (range of detection from 5 to 5,000 ppb) via fire assay absorption atomic finish.
- **AAS41B:** Analysis via absorption atomic for ore grade samples for samples which value were greater than the upper limit of detection in ICM40B and FAA313; the metals analyzed were Ag, Pg and Zn.

Assaying for the samples collected by the author were done by CIMM Peru SA via a multi-elements package (Au + 34) where gold is assayed via absorption atomic-fire assay finish (Au-EFAA02) with lower and upper limit of detection of 5-10,000 ppb. The remaining elements were analyzed via acid digestion (ICP-MA01) with respective lower and upper limits of detection of 0.2-100 ppm for Ag and 1-10,000 ppm for all other metals. Samples with Ag-Pb-Zn values greater than the upper limit of detection were reprocessed via atomic absorption technique (AAMA02).

ALS Chemex del Peru, SGS Del Peru and CIMM Peru are all providing to its clients the highest level of service and quality and achieves this through its dedicated client services staff, quality control department, and commitment to having ISO 9001 certification at all locations.

Although their assay techniques are quite comparable, some discrepancies may occur between individual samples taking in account the irregular nature of the mineralization. Nevertheless, the

author believes that an adequate methodology was maintained with respect to sample collection, preparation, analyses and security.

12. DATA VERIFICATION

In 2008, the author collected and sent to an independent laboratory eight (4201 to 4208) non continuous channel samples from three veins in order to check the repeatability of the assays. Purposely, the location of these samples coincided with the location of the samples taken by ExploAndes. In 2010, one chip sample has been collected at the entry of tunnel where previous assays from Buscore (2006) returned a very high silver value (1,500 g/t Ag). The samples collected by the author, although taken at the same location than the previous operators, are not totally identical due to the irregular nature of the mineralization which consists of an assemblage of oxide-silica and sulphides. However, even if this assumption is taken in consideration, the results presented in Tables 5 and 6 clearly show a good repeatability of the values: high grades ones obtained by SGS del Peru matched the high grades at CIMM Peru.

Table 5: Samples collected by the auhor

Sample	Easting	Northing	Elev.	Vein	Description
4201	396435	8398581	4462	PV	0.40 m, gossan Lim-OxMn-Goe-Zincite, pseudo banded.
4202	396316	8398603	4464	PV	0.36 m, gossan Lim-Goe-OxMn-Zincite, banded texture.
4203	397193	8398252	4386	V2	1.0 m, gossan Goe-Lim-OxMn-Zincite, vnlt sil-barite-tr Ga.
4204	397230	8398257	4379	PVS	0.80 m, gossan OxMn-Lim-Goe-Zincite, vlts silica-barite.
4205	397269	8398246	4368	V2	1.9 m, gossan Goe-OxMn-Lim, Marcasite, vnlt silica-barite.
4206	397223	8398350	4378	V1b	0.9 m, gossan Lim-OxMn, veinlet silica-barite.
4207	397189	8398391	4365	PV	4.0 m, gossan de Goe+-Lim-OxMn, banded silica-barite.
4208	397473	8398389	4329	PV	12.0 m, gossan Lim-Goe-OxMn-Zincite.
Princesa	397727	8397950	4310	V	Chip sample: Quartz-barite-sphalerite (honey brown)

Table 6: Comparative table for assay results									
Sample		SGS Del Peru - ExploAndes				CIMM Peru - A. Vachon			
Sample AV	Sample EA	Au ppb	Ag ppm	Zn %	Pb %	Au ppm	Ag ppm	Zn %	Pb %
4201	3428	<5	64	0.07	2.16	<0.005	60.5	0.07	2.37
4202	3429	8	38	0.49	1.85	<0.005	39.3	0.41	1.58
4203	3544	<5	57	1.42	4.01	<0.005	128	1,44	0.78
4204	3547	7	25	0.73	6.76	<0.005	17.4	0.32	3.79
4205	3585	<5	17	0.82	0.73	<0.005	40.4	1.2	1.45
4206	3524	<5	19	0.86	0.77	<0.005	27.7	1.2	1.08
4207	3317	<5	20	0.79	2.38	<0.005	24	0.91	2.69
4208	3578	7	140	0.06	0.78	<0.005	146	0.03	0.58
Princesa	OJO-27	n/a	1500	9.69	4.84	n/a	854	>30	8.52

NB: Sample OJO-27 was taken by Buscore in 2006 and was assayed at ALS Chemex Peru

The author is also presenting the results of individual check assays taken by ExploAndes while re-logging the core of 16 diamond drill holes (Table 7). This table is presented as reference as no description of the samples taken in 2006 is available to the author. Samples taken by ExploAndes were collected with the right methodology respecting the standards of the national instruments.

Table 7: Comparative core assay results									
DDH	Sample	From	To	ALS CHEMEX 2006			SGS 2008		
				Ag ppm	Pb %	Zn %	Ag ppm	Pb %	Zn %
PRIN-01	**3464**	9.50	10.90	49.0	1.95	0.94	53.0	1.40	0.91
PRIN-02	**3465**	130.10	131.40	485.0	5.70	0.73	442.0	4.22	0.64
PRIN-02	**3466**	148.60	150.70	47.3	1.14	2.56	42.0	0.92	2.38
PRIN-03	**3467**	18.05	19.00	59.9	4.72	3.35	28.0	1.94	2.61
PRIN-03	**3468**	27.45	28.35	163.0	26.20	3.74	157.0	22.32	3.51
PRIN-04	**3469**	18.70	19.75	29.0	1.25	1.32	33.0	1.13	1.63
PRIN-05	**3470**	28.55	30.05	193.0	2.44	1.10	141.0	1.97	1.05
PRIN-06	**3471**	20.05	21.25	29.6	0.18	0.75	30.0	0.23	0.65
PRIN-06	**3472**	21.25	22.15	28.9	0.14	0.64	28.0	0.13	0.67
PRIN-09	**3473**	11.60	14.90	91.5	2.32	0.23	74.0	2.08	0.36
PRIN-09	**3474**	14.90	16.20	220.0	8.68	0.39	116.0	8.31	0.38
PRIN-10	**3475**	71.00	75.50	26.3	0.89	1.49	33.0	0.83	1.33
PRIN-11	**3476**	42.00	43.20	1160.0	2.27	0.74	614.0	1.50	0.80
PRIN-11	**3477**	43.20	45.05	338.0	1.14	0.65	172.0	2.16	0.46
PRIN-13	**3478**	73.55	76.64	68.7	0.63	1.25	90.0	0.60	1.56
PRIN-13	**3479**	76.64	78.02	98.7	1.08	1.60	86.0	0.24	1.36
PRIN-17	**3480**	35.00	36.50	9.0	0.75	0.89	9.0	0.87	0.94

PRIN-18	**3481**	60.50	62.00	26.1	0.83	5.45	16.0	0.61	2.50
PRIN-18	**3482**	68.00	69.50	25.2	1.25	1.35	22.0	0.65	1.19
PRIN-53	**3483**	70.60	72.10	1640.0	2.37	0.79	1923.0	1.64	1.00
PRIN-53	**3484**	72.10	73.60	1325.0	0.94	0.77	419.0	0.59	0.72
PRIN-61	**3485**	97.50	99.00	120.0	8.47	1.90	74.0	4.44	0.84
PRIN-61	**3486**	106.50	108.00	715.0	14.90	6.26	608.0	13.86	4.44
PRIN-17	**3487**	48.50	50.00	22.4	0.77	0.76	24.0	0.82	0.81

As shown in Tables 6 and 7, and although the samples were not taken from exactly the same location or not totally identical as in the case of the core and, assayed at the same laboratory, the author considers that the results show good repeatability taking in account the vein type and composition (oxide-sulphides-barite) of the mineralization. Therefore, the Princesa Project assay database can be considered reliable.

13. ADJACENT PROPERTIES

Caracara Silver's Princesa Project is located in the Puno Mining Department, which contains various known mineralized centres and where many companies have recently demonstrated a strong interest, especially BHP Minerals, who have just staked more than 600,000 hectares in the Puno Department. Technical information regarding any past exploration at Princesa and results or mineralization styles within the district, other than the historical data presented herein, has not been reviewed nor has it been utilized by the author during the writing of this report.

The author acknowledges that mineralization, if encountered on the adjacent properties, is not necessarily indicative of, or physically associated with the mineralization on the Princesa Project, and an attempt has been made to clearly indicate that any mineralization styles discussed herein are site specific within the confines of the Princesa Project. However, regional studies completed by Dr.Clark tend to demonstrate that the mineralization at Princesa is part of a new Pb-Zn-Ag metallogenenical belt, named the Pilunani-Nicaragua Belt, where several base metals deposits seem to be associated with or spatially located proximal to or within large diatreme breccias.

14. MINERAL PROCESSING & METALLURGICAL TESTING

No metallurgical samples from Princesa are available.

15. MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

According to the standards for classifying Reserves and Resources set by the Canadian Institute of Mining and Metallurgy and accordingly within the definitions as defined by NI 43-101, the Ag-Pb-Zn mineralization found at Princesa can be classified as an Inferred Mineral Resources. The text reads as follows: ‘’An Inferred Mineral Resource is part of a Mineral Resource for which quantity and grade can be estimated on the basis of geological evidence, limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes”. The following parameters have been used to estimate the resources of each vein.

- Zone of influence of each hole; half distance between holes, 50 metres away from the last intersection
- Minimum thickness; 1.2 metre
- Grades; No assays were cut
- Specific gravity; 2.75 t/m^3
- Cut-off grade; not applied due to the extreme variation of silver grades. The ore material occurring along the Princesa Vein could be Ag rich with low base metals or base metals rich with low silver. Therefore, the reader should understand that any combination of either Ag-Pb-Zn could eventually be considered as ore material.
- Polygonal method; this method was used after having prepared a longitudinal section.
- Thickness of the mineralized zone: it has been interpreted that the Princesa vein shows a moderate to steep 60° dip to the north and consequently all drill intercepts have been modelled to estimate the true thickness of the mineralized zone taking in account the dip of the zone. The true thickness is calculated by multiplying the length of the mineralized intersection by the sinus of the angle between the dip of the mineralized zone and the angle of the drill hole.

Based on 24 drilled, irregularly spaced intercepts, the author has estimated that the Princesa Vein hosts an Inferred Mineral Resource totalling 4.6 million tonnes grading 90.88 g/t Ag, 1.66% Pb and 1.69% Zn Details are presented in Table 8 and shown on Map 2.

Table 8: Summary of the Ressource estimate											
Princesa Vein - Inferred Mineral Resource											
DDH	**L**	**H**	**T.T.**	**Dsty**	**Tonnage**	**Ag g/t**	**Pb %**	**Zn %**	**T*Ag**	**T*Pb**	**T*Zn**
PRIN 01	350	30	7	2.75	202125	31.76	1.00	0.84	6419490	202125	169785
PRIN 02	60	30	7	2.75	34650	81.21	1.42	1.93	2813927	49203	66875
PRIN 05	100	100	2	2.75	55000	80.15	1.42	2.58	4408250	78100	141900
PRIN 09	120	20	9	2.75	59400	135.13	4.45	0.33	8026722	264330	19424
PRIN 10	60	30	13	2.75	64350	45.37	0.49	1.30	2919560	31596	83655
PRIN 11	95	20	9.5	2.75	49638	312.19	1.71	0.69	15496331	84880	34300
PRIN 12	95	25	4	2.75	26125	69.96	1.09	0.93	1827705	28476	24192
PRIN 13	80	65	6	2.75	85800	56.10	0.50	0.93	4813380	42643	80051
PRIN 14	135	75	4	2.75	111375	7.60	0.30	0.06	846450	33078	6905
PRIN 15	70	135	6	2.75	155925	22.56	0.78	0.53	3517668	121466	82172
PRIN 17	110	50	4.5	2.75	68063	15.68	0.55	1.03	1067220	37639	70104
PRIN 18	110	85	7	2.75	179988	23.06	0.80	2.44	4150512	144710	439170
PRIN 25	85	120	1.2	2.75	33660	40.90	0.66	0.13	1376694	22317	4376
PRIN 27	80	60	6	2.75	79200	143.32	1.24	0.94	11350944	98208	74606
PRIN 28	107	100	9	2.75	264825	43.93	0.81	0.64	11633762	213184	169223
PRIN 34	50	60	1.2	2.75	9900	16.20	0.99	0.19	160380	9781	1861
PRIN 43	80	70	10.5	2.75	161700	47.71	1.62	0.82	7714707	261954	132109
PRIN 46	210	60	18	2.75	623700	33.63	1.58	0.91	20975031	985446	569438
PRIN 47	210	65	7	2.75	262763	23.03	1.09	1.78	6051420	286411	467717
PRIN 49	55	135	9	2.75	183769	32.51	0.53	0.72	5974322	96662	132865
PRIN 50	200	60	20	2.75	660000	14.51	0.76	1.78	9576600	504240	1176120
PRIN 53	200	55	9	2.75	272250	609.71	2.43	0.96	165993548	661568	261632
PRIN 59	160	150	5.5	2.75	363000	27.46	0.59	6.74	9967980	214170	2444805
PRIN 61	125	140	12	2.75	577500	189.76	5.47	1.92	109586400	3158925	1108800
					4584704				**90.88**	**1.66**	**1.69**

16. OTHER RELEVANT DATA AND INFORMATION

All relevant data and information has been described in the different chapters of this report. There is no other relevant data and information applicable to this report. There are no known environmental liabilities within the property limits.

17. INTERPRETATION AND CONCLUSIONS

- The rocks hosting the polymetallic mineralization are primarily diatreme breccias and the clastics sediments of the Huancané Formation and Moho Group.

- The mineralization is controlled by structures of System I, displaced by structures of System II and the most important structural feature is the Princesa Fault located in the central part of the property.

- The Princesa Vein has been recognized for a minimum strike length of 1,500 metres and has been drilled up to 150 metres of vertical extent. It is described as an open spaced sygmoidal structure reaching up to 20 metres in thickness. The Princesa Vein zone is open both at depth and on strike on its north-western end.

- Other mineralized structures, the V1a, V1b and V2 veins, occur within a 200 metre range of the Princesa Vein and these veins are interpreted as splays or split veins associated with the main mineralized feature.

- The Ag-Pb-Zn mineralization at surface appears as a gossan constituted of limonite-goethite-manganese oxide with barite-silica-zincite-marcasite-pyrite-galena-sphalerite. Mineralization occurs as dissemination, veinlets, open space fillings and layering.

- The hydrothermal alteration associated with this polymetallic mineralization is restricted to a few decimetres along the footwall and hanging walls of the mineralized structures. Silicification occurs as grey massive quartz-silica patches in the sandstone and the matrix of the conglomerates and breccias. Sericitization is irregularly associated with the silicification (phyllic alteration) and also, as strong argilization (sericite-kaolin) within the fault zones. The limestone shows some marble type alteration and some bleaching as a result of exposure to an acid solution.

- Assay results from ExploAndes have yielded the following values for silver, lead and zinc:

    - Ag: 194 samples with values > 10 ppm including 170 samples ranging from 10 ppm to 100 ppm and, 24 samples with values > 100 ppm with a maximum of 826 ppm.

- Pb: 82 samples with values > 1% including 43 values ranging from 1% to 2% and, 39 samples with results > 2% with a maximum of 17.98%.
- Zn: 71 samples with values > 1% including 63 values ranging from 1% to 2 % and, 8 samples with values > 2% with maximum of 10.64%.

- During 2006 and 2007, Solex drilled 64 diamond drill holes totalling 6,889 metres on the following targets: 48 holes tested the lateral and vertical continuity of the Princesa Vein intercepting also the extensions of the V1a and V1b veins, 7 holes were completed on the extension of the V2 Vein and finally, 9 holes on other targets. The most impressive results came from drilling on the Princesa Vein which yielded high grade values such as: 9.5 metres at 312.2 g/t Ag, 1.71% Pb and 0.69% Zn in hole PRIN-11; 9.0 metres at 609.7 g/t Ag, 2.43% Pb and 0.96% Zn in hole PRIN-53 and, 12 metres at 189.8 g/t Ag, 5.47% Pb and 1.92% Zn in hole PRIN-61, the last hole to have cut the Princesa Vein at its WNW extremity. However, not all drill holes that aimed to test the Princesa Vein cut the projected target as some holes were stopped prematurely or wrongly planned. Holes PRIN-54, 55, 58 and 64 drilled to the west of PRIN-61 failed to cut the mineralized structure as the orientation of the structure changes abruptly immediately west of drill hole PRIN-61 from E-W to NNW. Some drill holes such as PRIN-62, overshot the mineralized structure.

- The results obtained during the exploration programs carried out by Solex since 2004 clearly indicate that the Princesa Vein hosts some polymetallic mineralization, that taking in account the lack of sampling in certain areas of the vein shows relatively good grade and thickness continuity both along strike and depth. Considering these continuity factors, the outcropping nature of the vein and the style of the deposit, the author estimate that the Princesa Vein hosts an Inferred Mineral Resources totalling 4.6 million tonnes grading 90.88 g/t Ag, 1.66% Pb and 1.69% Zn. This resource meets the standards and definitions for mineral resource estimates as defined by NI 43-101 as established by the CSA.

- The potential to increase these resources is considered excellent as the Princesa Vein is open both on strike and at depth and no provisions have been allowed for other mineralized veins occurring on the property.

18. RECOMMENDATIONS

In order to fully evaluate the mineral and economic potential of the property, it is recommended to carry out an exploration program including reconnaissance and detailed geological mapping over the concessions not mapped in the previous programs, 50 km of Induced Polarization survey to the north-northwest of the mineralized area, relogging of all previous diamond drilled holes and 5,000 metres of infill and exploration drilling. Figure 13 is showing the proposed location of 21 infill holes totalling approximately 3500 m. It is expected that the IP survey will map the extension of the mineralized zone and will provide drill sites to complete the 5000 m program. Drill holes will vary from 100 to 250 metres in length, will be drilled at an inclination varying from 45 to 55° and HQ coring is recommending to provide a substantial sample for core assays and metallurgical testing. The cost of this program is estimated to US$1,890,000.

- Complete a detailed reconnaissance exploration program comprised of mapping, sampling, soil geochemical survey and Induced Polarization survey. The reconnaissance program will cover the total property taking into consideration that detailed exploration has only been completed over 200 hectares of the 5,400 hectares constituting the property.

- Relog all the holes of the previous drilling programs in order to standardize the database with respect to the geology.

- Complete a diamond drill program to intersect the Princesa Vein vertically below the high grade intersections intersected at shallower depths, along strike where it is believed to be open and, also within the Inferred Resources Block in order to upgrade from Inferred to Indicated the Princesa Resources.

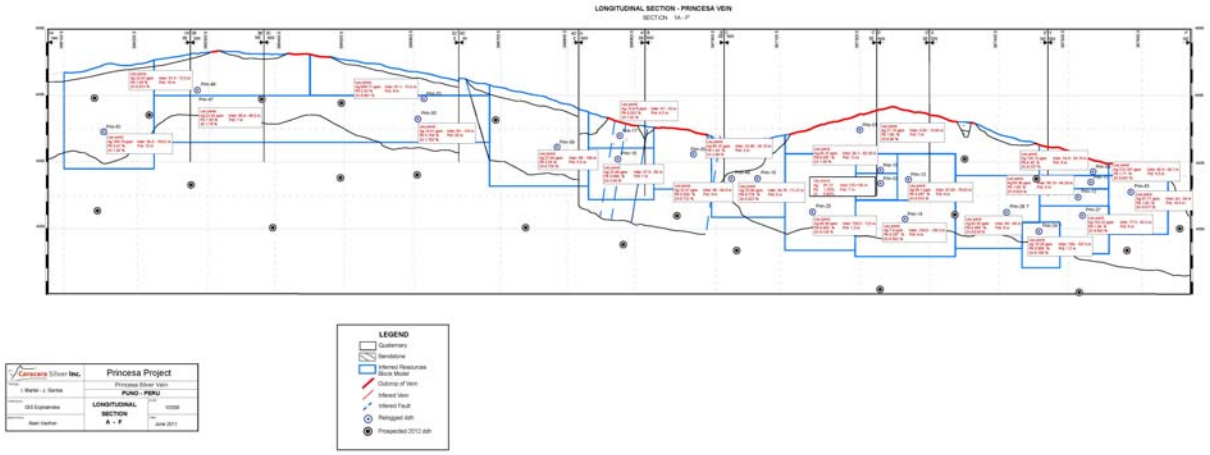


Figure 13: Proposed 2012 In Fill Drill Program

Proposed Budget

Reconnaisance program: Geological, geochemical and Induced Polarization surveys:

Camp site installation:	$30,000
Camp operation: 90 days x 8 men x $150/day	$108,000
Wages: Project manager-geologists-supported staff: 90 days x $2000/day	$180,000
Wages: Daily workers: 90 days x 6 men x $20/day	$10,800
Truck location: 3 months x 2 trucks x $2000/truck/month	$12,000
Assays: Rock and soil; 800 x $40/sample	$32,000
Relogging core: 30 days x 2 geologists x $300/geologist/day	$18,000
Crew mobilization and demobilization	$20,000
Induced Polarization survey: 50 km	$100,000
Exploration material, internet and varia	$30,200
Report and drafting	$15,000
Sub-total	*$556,000*

Diamond Drilling Program

Diamond drilling contract: All inclusive: 5,000 m at $150/m	$750,000
Camp operation: 120 days x 4 men x $150/day	$72,000
Wages: Project manager-geologists-supported staff: 120 days x $1000/day	$120,000
Wages: Daily workers: 120 days x 6 men x $20/day	$14,400
Truck location: 4 months x 2 trucks x $2000/truck/month	$16,000
Assays: 2500 samples x $40/sample	$100,000
Crew mobilization and demobilization	$20,000
Exploration material, internet and varia	$30,600
Permitting	$15,000
Donation	$10,000
Report and drafting	$15,000
Sub-total	*$1,163,000*

Total Sub-total	*$1,719,000*
Contingency (10%)	*$171,000*
Total Budget	*$1,890,000*

19. REFERENCES

BUSCORE (2007), “Logs and results of assaying for the 2007 drilling campaign for Solex Resources”; internal report.

CALLAN, N. J. (2004), "Princesa project; property mapping report at a scale of 1:5000, Crucero District, Puno, SE Peru", Solex Resources Corporation’s internal report.

CHÁVEZ, A; SALAS, G; CUADROS, J and GUTIÉRREZ, E (1996), "Geology of the Putina and La Rinconada areas", Boletín Nº 66 Serie A: INGEMMET. Lima, Peru.

CLARK H.A. (2006), “Zinc-Lead mineralization of the Picotani-Nicaragua Belt; new ore genetic and metallogenic perspectives and implications for exploration, Puno, Peru”. Confidential report prepared for Solex Resources**.**

ExploAndes (2008), “ Informe tecnico, Proyecto Princesa for Solex Resources”; internal report.

JVX Limited (2007), “Report on IP, HEM, Magnetics and VLF surveys on the Princesa property. Report prepared for Buscore/Solex Resource”; internal report.

PALACIOS, W (2004), "Estudio de exploration minera. Proyecto Ojotana (Princesa), Crucero, Puno, Peru”; Solex Resources; internal report.

PALACIOS, W (2006), "Drill logs for holes PRIN-1 to PRIN-11t", Solex Resources; internal report.

SANCHÉZ, A and ZAPATA, A (2001), "Geological map of the Limbani area, reviewed and updated", Scale 1: 100000. INGEMMET.

20 ADDITIONAL REQUIREMENTS FOR TECHNICAL REPORTS ON DEVELOPMENT AND PRODUCTION PROPERTIES

Not applicable as the property is still considered to be in an exploration stage only.

Alain Vachon, P.Eng.

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ANNEX 1

CERTIFICATE OF QUALIFICATION

CERTIFICATE of Author

I, Alain Vachon, P Eng.Geologist. do hereby certify that:

1. I am president of:
   Services Géologiques A.Vachon.
   35 Du Parc Des Érables,
   LaPrairie, Province of Québec, Canada
   J5R 5J2 ;

2. I am a graduate student of the Université du Québec à Chicoutimi and received a degree of B.Sc. in geological engineering in 1977;

3. I am currently registered as a practicing member (# 31670) of the Ordre des Ingénieurs du Québec;

4. I have practiced my profession continuously since 1978, having been actively involved in mineral exploration, mine development and mining operations in Canada and Peru. I have worked for various companies including Ressources Minières Rouyn as chief geologist of a 600 tons/day underground gold operation and as senior geologist for Noranda Exploration and Barrick Gold working throughout Central and Latin America on project evaluations. I spent the last 14 years in Peru working as Exploration Manager and consulting geologist for various junior Canadian companies and have acquired a solid experience on a wide variety of base and precious metals deposits in the Andes. Since February 2011, I am Vice-President Exploration and QP for Southern Andes Energy and fully responsible for all technical issues regarding the exploration programs both on uranium and base metals properties.

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 requirements 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 titled Independant 43-101 Technical Report Princesa Project and dated January 15th, 2011 (the "Technical Report") relating to the Princesa property. I visited the property on April 18th, 2008 and on June 27th, 2010.

7. I have had no prior involvement with the property that is the subject of the Technical Report.

8. 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.

9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.

10. 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.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 15th day of January, 2011.

"Alain Vachon"

_____

Alain Vachon. P.Eng.Geologist

ANNEX 2

EXPLO ANDES ASSAY DATA BASE

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
								ppm	ppm	ppm	
3301	394850	8397958		aflr	0.2x1.8	arn cza gr md, color gris, mal clasificada, delez, LIMs tapiz, superficie oxidada y rugosa.	<5	0	13	0.7	7.1
3302	394923	8397931		aflr	1.0x4.0	arn cza color blc, gr md a gso, mal clasificada , muestra Bx tect, goss tapizado por goe, LIMs, vls OxFe++, goe rell cav, mineral brillo seroso habito botridal.	18	0	64	7.5	9.2
3303	397116	8398439	4343	V, aflr	0.3x3.0	315º/55º, pot 3.5m V: goss de goe y LIMs msv, en bnd y formas concentricas c/ frag de arn cza cng. Oq rell c/ ba y en vls y LIMs++.	<5	32	12900	11200	91.0
3304	397113	8398436	4342	V, aflr	0.3x1.6	arn cza gr gso a cng, goss de LIMs+++, goe+ tapiz frag y rell inters, tex ban y en vls.	6	31	11700	11900	20.7
3305	397124	8398433	4346	V, aflr	0.2x2.0	285º/ 50º. Pot 2.5mt, frag de arn cza gr gso mal claisficada, bx tect cmt de ARCs, V: goss LIMs++ asp terr,OxMn en cav terr, goe++ en vls, sulfatos en frac.	<5	32	8875	13900	29
3306	397133	8398428	4348	V, aflr	0.2x2.3	290º/64º. Pot 5mt, V: goss de LIMs+++ asp terr, goe++ tex band y formas concentricas, cav irregulares rell xls tab ba.	<5	30	8032	13700	46.4
3307	397140	8398432	4341	V, aflr	0.2x1.8	290º/64º. Pot 5mt,V: gossan de LIMs+++ en cav, goe++ en vls, cav irregulares rell xls tab ba, tapiz con OxMn-Zn (color azul grisaceo).	<5	24	4782	3097	26.4
3308	397134	8398430	4349	V, aflr	0.2x2.0	290º/64º. Pot 5mt,bxtect frag arn czs cng, V: goss de LIMs+++ asp terr msv, goe++ msv en cav, xls cz cav, OxMn en cav, vls sil-goe.	8	22	4388	7342	57
3309	397134	8398357	4359	V, aflr	0.2x2.5	290º/52º. Pot 3mt,V: goss de goe+++ gris, OxMn++ terr, LIMs - jar en cav irregulares.	<5	30	6698	13200	34
3310	397150	8398420	4356	V, aflr	0.2x1.8	305º/66º. Pot 3.5mt, arn czs gr gso a cng, V: goss de goe+++ msv en vls y cav asp terr, LIMs+ en vls, cav rell xls tab ba, tapiz con OxMn-Zn (color azul grisaceo).	<5	24	11800	7998	41.8
3311	397155	8398414	4356	V, aflr	0.2x1.8	300º/54º. Pot 3mt,V: goss de goe+++ msv, OxMn++-(Zn) en cav, LIMs en cav.	9	50	9659	22900	119
3312	397165	8398409	4362	V, aflr	0.3x1.5	300º/46º. Pot 4.5mt,V: goss de goe++ msv, OxMn++-(Zn) terr, cav rell xls tab ba, xls mc en cav y fc.	10	11	9480	8436	40.7
3313	397166	8398411	4360	V, aflr	0.2x1.5	300º/46º. Pot 4.5mt,V: goss de LIMs+++ msv en cav, OxMn++ terroso-msv, cav rell xls tab ba.	<5	17	11300	8534	31.4
3314	397164	8398408	4359	V, aflr	0.2x1.5	300º/54º. Pot 4.5mt,V: goss de goe++ msv, OxMn++ en cav y frac, LIMs terr en cav y con tex band, rell xls tab ba.	6	16	12300	8721	21.4
3315	397172	8398406	4361	V, aflr	0.2x2.0	305º/45º. Pot 3mt,V: goss de LIMs+++ tex ban asc a OxMn terr, cav rell ARCs.	<5	21	9682	7574	27.5
3316	397181	8398400	4361	V, aflr	0.2x1.4	310º/50º. Pot 3mt,V: goss de goe+++ c/ OxMn++-(Zn) terr, LIMs++ en cav tex band, xls ba tab en cav y fr.	<5	16	6961	7875	58.1
3317	397189	8398391	4365	V, aflr	0.2x1.7	315º/55º. Pot 4mt,V: goss de goe++ msv tex band, OxMn++ tapiz y en cav, ARCs en fr.	<5	20	7882	23800	90.3
3318	397193	8398385	4371	V, aflr	0.2x1.5	295º/51º. Pot 5mt,V: gossan de goe++ con OxMn++ en vls y formas concentricas en cav,marmatita (moldes de esf oxidados).	<5	27	9064	29800	190
3319	397203	8398381	4374	V, aflr	0.2x1.5	305º/60º. Pot 6mt,V: gossan de LIMs++ asp terr, goe++ msv en vls, moldes de marcasita botroidales, xls ba tab en cav.	<5	23	7923	7526	15.2
3320	397203	8398380	4371	V, aflr	0.25x1.7	305º/60º. Pot 6mt, bx tect frag arn cng tapiz OxMn, V: goss de LIMs+++ msv en fr, OxMn++ asc a goe++ en fr y cav.	<5	23	5954	12000	47.1
3321	397204	8398378	4371	V, aflr	0.25x1.3	305º/60º. Pot 6mt,V: goss de OxMn++ terr asc a goe++, LIMs+ en fr tex band, xls tab ba en cav.	21	19	14900	9815	107.2
3322	397209	8398376	4380	V, aflr	0.2x2.5	295º/55º. Pot 7mt,V: goss de goe++ msv, OxMn++ en cav terr, LIMs en cav y vls, moldes tab esf.	5	13	9037	7494	7.3
3323	397209	8398376	4380	V, aflr	0.2x2.5	DUPLICADO 3322	5	12	8671	6692	10.8
3324	397219	8398372	4382	V, aflr	0.3x2.0	290º/62º. Pot 5mt,V: goss de goe+++ msv, OxMn++ en cav y frac, LIMs terr, Xls hialinos a blc apariencia hojosa.	<5	13	9690	9437	12.3
3325	397228	8398370	4382	V, aflr	0.2x1.7	285º/52º. Pot 3.5mt,V: goss de LIMs+++ terr, goe++ y OxMn terr, tapiz con OxMn-Zn (color azul grisaceo).	6	54	8506	17500	10.5

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3326	397237	8398367	4384	V, aflr	0.25x2.0	300º/56º. Pot 6.5mt,V: goss de LIMs++ msv, OxMn++ en vls, goe+ msv tex band.	13	12	4361	3660	8.3
3327	397246	8398363	4383	V, aflr	0.2x1.5	285º/64º. Pot 4mt,V: goss de OxMn+++ asp terr, LIMs++ msv tex ban, cav rell xls tab ba.	<5	25	5565	4182	5.4
3328	397245	8398362	4383	V, aflr	0.2x1.5	285º/64º. Pot 4mt,V: goss de goe+++ msv en vls y formas concentricas, OxMn++ en vls, LIMs en fr terr, xls tab de ba en cav.	<5	23	9072	10600	9.7
3329	397236	8398365	4381	V, aflr	0.25x2.2	300º/56º. Pot 6.5mt,V: goss de LIMs+++ asp terr, goe++ msv tex band y formas concentricas.	<5	27	7903	13800	80
3330	397255	8398361	4379	V, aflr	0.25x1.5	285º/48º. Pot 4.5mt,V: gossan de LIMs+++ asp terr, goe++ y OxMn tex band, c/ arg por zonas.	<5	18	8684	16200	17.9
3331	397254	8398363	4378	V, aflr	0.2x2.0	285º/48º, pot 4.5mt, bx tect frag arn gr gso a md, V: goss de LIMs+++ OxMn ++en vls y cav, ARCs en cav.	<5	8.23	6771	3360	12
3332	397267	8398357	4378	V, aflr	0.2x2.0	290º/60º, pot 4mt, V: goss de goe+++, asc a OxMn++, LIMs tex band y en cav.	5	18	8024	13400	51.7
3333	397277	8398354	4375	V, aflr	0.25x1.2	300º/55º, pot 1.5mt, V: goss de goe++ tex band, OxMn y LIMs en fr y cav, xls ba tab en fr, moldes de marcasita en cav.	<5	24	6702	5370	17
3334	397283	8398352	4375	V, aflr	0.2x1.5	285º/64º, pot 2mt, frag arn czs gr gso a cng con arg+, V: goss de LIMs++ asp terr, OxMn++ -(Zn) en cav y fr.	14	52	9768	7062	38.8
3335	397285	8398355	4374	V, aflr	0.2x2.0	285º/64º, pot 4.5mt, V: goss de goe+++ msv tex band asc a LIMs++ msv-terr, OxMn en cav, Xls ba tab en cav y frac.	<5	83	8519	26100	28.3
3336	397294	8398351	4374	V, aflr	0.2x2.0	295º/55º, pot 7mt, V: goss de LIMs+++ asc goe+ msv tex band, OxMn en cav , tapiz OxMn-(Zn) color gris azulado.	7	19	18300	7411	36
3337	397296	8398353	4375	V, aflr	0.2x1.5	295º/54º, pot 7mt, V: goss de LIMs+++ terr asoc goe++, OxMn en cav, xls de ba en cav.	<5	9.16	13300	8840	29.4
3338	397305	8398360	4367	V, aflr	0.2x1.5	260º/65º, pot 8mt, V: goss de LIMs+++ terr, goe+ msv tex band, OxMn-(Zn) en frac y cav. CT clz gris clr, CP clz pd c/ LIMs+ y goe+.	7	9.5	11900	7938	48.6
3339	397302	8398353	4368	V, aflr	0.2x2.5	250º/60º, pot 8mt, V: goss de LIMs+++ terr, goe++ en band c/ OxMn-(Zn) en vls y fr, xls ba tab en cav.	17	17	8906	13000	13.6
3340	397317	8398356	4367	V, aflr	0.2x1.8	270º/56º, pot 2mt, V: goss de LIMs+++ terr tex band y formas concentricas, OxMn+ en frac y cav.	8	61	15600	22900	86.1
3341	397301	8398356	4368	V, aflr	0.2x2.0	260º/65º, pot 8mt, V: goss de LIMs+++ terr y goe++ msv con tex band, OxZn+(cin) c/ OxMn, xls tab ba en cav.	7	26	8466	9771	21.9
3342	397324	8398353	4368	V, aflr	0.3x1.5	270º/56º, pot 2.5mt, arn czs gr gso a cng, V:goss de LIMs+++ terr y goe++ msv c/ tex band, OxMn en frac.	<5	55	9967	20000	140.1
3343	397339	8398355	4363	V, aflr	0.2x1.0	294º/74º, pot 10mt, frag arn czs gr gso a cng, V: goss de LIMs+++ asc a jar++, goe+ en vls y cav c/ OxMn-(Zn).	<5	96	5564	7723	108.5
3344	397339	8398358	4362	V, aflr	0.2x3.0	280º/65º, pot 10mt, arn czs cng arg+ V: goss de LIMs+++ terr asc vls goe+ msv, OxMn+ terr en cav.	5	73	3354	9656	32.7
3345	397337	8398361	4363	V, aflr	0.2x2.0	265º/74º, pot 10mt, V: goss de LIMs+++ terr y goe+ msv en vls y cav, OxMn-(Zn) en cav.	12	141	6432	12600	36.1
3346	397338	8398363	4363	V, aflr	0.2x2.1	280º/66º, pot 10mt, V: goss de LIMs+++ terr y goe++ msv c/ tex band, OxMn en cav, tapiz OxMn-(Zn) color gris-azul.	15	24	9013	7092	12.9
3347	397328	8398363	4361	V, aflr	0.2x2.0	290º/62º, pot 10mt, V: goss de LIMs+++ y jar+ en cav e inters, goe+ msv en vls c/ tex band, OxZn (cin).	<5	26	8431	13600	15.3
3348	397328	8398361	4360	V, aflr	0.2x2.2	280º/54º, pot 10mt, V: goss de LIMs+++ y jar+ terr, OxZn (color ladrillo), goe+ msv en vls, OxMn en cav, xls tab ba en cav.	<5	60	5186	22200	36.2

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3349	397327	8398360	4360	V, aflr	0.2x1.9	280º/54º, pot 10mt, arn czs gr gso a cng, V: goss de LIMs+++ (40cm) asc a vls goe+, OxMn-(Zn) en cav y vls.	6	45	6945	25600	47.9
3350	397351	8398353	4362	V, aflr	0.2x2.2	285º/55º, pot 6mt, V: goss de LIMs+++-jar+, goe+ en vls asc OxMn terr en cav con tex band, xls ba tab en vls.	8	100	7875	51200	22.6
3351	397351	8398351	4362	V, aflr	0.2x2.0	285º/55º, pot 6mt, V: goss de LIMs+++, goe++ msv en vls asc OxMn+-(Zn) terr.	<5	26	11100	7387	22.9
3352	397351	8398351	4362	V, aflr	0.2x2.0	DUPLICADO 3351	7	21	11700	6726	22.5
3353	397351	8398349	4362	V, aflr	0.2x1.9	285º/55º, pot 6mt, arn czs gr gso a cng frac+++ y arg++, V: goss de LIMs+++, goe+ msv asc a OxMn en vls y cav.	<5	208	7340	20400	63.2
3354	397127	8398436	4342	V, aflr	0.3x1.8	285°/50°, pot 4mt, arn cza de gr md, goss de LIMs terr en cv y fr asc a cin, OxMn en cav de asp terr y en vls asc a sil, xls tabulares de ba en cav	<5	22	9552	7999	12.1
3355	397137	8398431	4342	V, aflr	0.3x2.6	320°/55°, pot 6mt, arn con vls de LIMs cin? OxMn en fr +, LIMs terr, sil con tex crustiforme asc a OxMn en menor proporcion, arg+ color verde	<5	24	1122	2588	17.6
3356	397141	8398424	4351	V, aflr	0.3x7.5	290°/40°, pot 4mt, arn de gr md a gso color am mal clasificado, goss de LIMs, asp terr, OxMn en cav de asp terr,cin+ en fr	<5	43	2721	3080	99.4
3357	397149	8398419	4354	V, aflr	0.2x1.2	315°/75°,pot 1.5 a 2mt; arn de color am de gr gso deleznable, goss de LIMs c/ OxMn y cin en vls, LIMs terr con vls de ba	<5	54	9041	14500	49.7
3358	397156	8398414	4359	V, aflr	0.3x2.0	288°/50°, pot 6mt, arn am de gr md, gossan de LIMs +++ de asp terr asc a OxMn, xls tabulares de ba asc a OxMn c/vls+ de sil asc a OxMn, jar + en cav	<5	28	12000	6349	29.1
3359	397158	8398417	4356	V, aflr	0.3x2.0	288°/50°, pot 6mt, goss de OxMn terr en cav msv asc a goe msv de tx band insipiente, cin+ en fr y cav asc a LIMs, vls de sil asc a OxMn c/ gn en cav y algunas tx bw	<5	24	12400	13800	55.9
3360	397167	8398413	4358	V, aflr	0.2x1.5	310°/56°, pot 5mt, arn de gr md , tx bw, sw cav irregulares rellenas por vls de goe asc a cin, arg +, LIMs de asp terr en cav y fr irregulaes heterométricas	6	16	9777	3448	23.6
3361	397156	8398426	4343	V, aflr	0.2x1.8	298°/62°, pot 6mt, arn cza de color am de gr md mal clasificada, goss de OxMn asc a LIMs, goe msv c/ xls tab de ba+, sw rellenado por goe y ARCs, alt ser y ARCs en cav +	<5	24	6042	18100	14.4
3362	397183	8398400	4360	V, aflr	0.25x2.0	295°, pot 5mt, arn de gr gso, tx concentrica en partes de LIMs, goe, OxMn, cin, de asp terr, LIMs, goe, OxMn tapiz las arn	<5	8.82	8852	3889	8.3
3363	397187	8398404	4358	V, aflr	0.25x3.8	195°, pot 3.8mt, arn de gr gso, tx concentrica en partes de LIMs, goe, OxMn, cin, de asp terr, LIMs, goe, OxMn tapiz las arn, por partes tx sw con vls de goe y sil	<5	13	9151	9520	17.9
3364	397179	8398411	4355	V, aflr	0.15x2.8	NS, arn color beige de gr gso mal clasificada, goss de OxMn, LIMs, goe y cin y ba de color blc rellenando oq	<5	27	11600	13100	49.8
3365	397196	8398391	4365	V, aflr	0.2x5.2	80°/72°, pot 5.3 mt, goss de OxMn +++ de asp terr en cav y en fr msv asc a cin color ladrillo y asp terr, LIMs en cav terr de tx band insipiente, xls de color blc en cav (sm?)	<5	6.52	9626	8014	13.3
3366	397205	8398392	4362	V, aflr	0.2x2.7	80°/72°, pot 2.7 mt, goss de OxMn +++ msv de tx band asc a cin en cav y LIMs de asp terr c/ tex band insipiente	<5	14	8171	7949	20
3367	397209	8398392	4362	V, aflr	0.2x4.6	Goss de LIMs +++ goe +, cin+ de asp terr y msv de tx band y formas concentricas	8	15	8835	8105	35.3
3368	397221	8398378	4375	V, aflr	0.35x3.3	190°, pot 5mt, arn , goss de goe, LIMs,OxMn+++ , en los extremos goe asc a LIMs de asp terr en las xls tabulares de ba en oquedades	7	9.41	6726	8436	7
3369	397231	8398377	4375	V, aflr	0.25x4.0	265° arn de gr gso, goss de goe, LIMs, OxMn de asp terr, tex sw con vls de sil asc a OxMn c/cin+, xls tab de ba en cav.	<5	14	6529	4084	6.6
3370	397230	8398373	4379	V, aflr	0.2x5.2	235° , arn de gr md, gossan de goe, OxMn LIMs, con presencia de xls de ba, cin de asp terr, goe, OxMn, LIMs y cin, Formando bandas delgadas concentricas	<5	12	7039	2951	5.8
3371	397238	8398372	4378	V, aflr	0.4x4.5	195° gossan de go, OxMn, LIMs, cin?, goe de asp terr, OxMn msv en algunas partes concentricas, sw con vls de silasoc a OxMn con pequeños xls de ba rellenando oq	<5	22	7469	5519	9.5

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3372	397240	8398376	4373	V, aflr	0.3x4.3	195° arn, gossan LIMs,goe, OxMn, cin de asp terr, sw con vls de sil asc a OxMn con presencia de xls tabulares de ba rellenado oq,	<5	4.35	9409	3530	8.9
3373	397247	8398368	4378	V, aflr	0.25x3.0	195° arn de gr gso, gossan goe, LIMs, OxMn, cin? De asp terr, por partes goe, LIMs y OxMn formando bandas delgadas concentricas, sw c/ vls de OxMn sil con presencia e bar en oq	6	16	8735	2824	9.8
3374	397265	8398365	4370	V, aflr	0.25x5.0	195° arn conglomeratica , gossan de goe, LIMs, OxMn+ de asp terr, en partes goe, OxMn formando bandas delgadas concentricas, cin?	6	21	10600	8767	73.2
3375	397281	8398356	4372	V, aflr	0.3x5.0	255° arn de gr md a gso mal clasificda, gossan de goe, LIMs y OxMn; goe y LIMs de asp terr, sw con vls de sil asc a OxMn, presencia de xls tbulares de ba rellenando oq	<5	13	9840	5888	51.2
3376	397328	8398354	4366	V, aflr	0.4x1.8	arn de gr med a gso color beige, gossan de goe y LIMs, sw con vls de sil asc a OxMn con presencia de xls d ba	7	67	12600	9406	198.3
3377	397296	8398361	4362	V, aflr	0.25x1.50	235°, arn de gr md color amarillento, gossan de goe, LIMs, OxMn, cin++? De asp terr, sw con vls de sil asc a OxMn, cin?, LIMs y goe forman delgadas bandas concentricas	<5	19	12500	13300	47.5
3378	397352	8398365	4360	V, aflr	0.3x1.3	NS, arn de gr md a gso, gossan de goe, LIMs de asp terr con presencia de OxMn y cin? Sw con venillas de sil asc a OxMn y presencia de ba en oq	<5	30	6340	9986	18.3
3379	397351	8398366	4360	V, aflr	0.35x1.9	NS, gossan de LIMs y goe de asp terrr con presencia de cin?+ , sw con vls de sil asc a OxMn	<5	53	8711	5414	88.5
3380	397307	8398365	4359	V, aflr	0.2x1.35	arn de gr gso, gossan de LIMs y goe de asp terr y cin? OxMn en pequeñas cantidades, sw con vls de sil asc, ba en xls tabulares, LIMs y goe forman bandas delgadas concentricas	<5	7.95	9193	5975	57.4
3381	397362	8398357	4357	V, aflr	0.3x2.3	arn de gr md color beige,gossan de LIMs, goe, cin? Y OxMn, c/ xls tab de ba+, cubiertos por LIMs, xls de ba en habito cola de golondrina, tx band, OxMn, LIMs y cin	<5	20	9440	1371	10.4
3382	397358	8398368	4358	V, aflr	0.25x7	325° arn de gr gso color beige, gossan de LIMs y goe de asp terr, OxMn msv, sw con cin y ba en oq, en algunas partes LIMs y goe forman bandas delgadas concentricas	5	42	12500	9204	41.1
3383	397351	8398377	4356	V, aflr	0.3x1.6	230° arn de gr gso, en el centro gossan LIMs y goe de asp terr, presencia de vls de sil asc y bar en oq, sw con vls de sil asc a OxMn	7	42	9676	7873	89.1
3384	397341	8398382	4356	V, aflr	0.35x2.0	Gossan LIMs, goe, OxMn de tx band, c/ cin+ Vls de sil asc a OxMn, LIMs y goe de asp terr, en algunas partes OxMn y LIMs forman bandas delgadas concentricas, con presencia de ba en oq	<5	1.97	6480	2267	20.4
3385	397345	8398383	4355	V, aflr	0.25x2.2	322° arn conglomeratica gr gso, gossan de LIMs, goe con presencia de OxMn y cin?, bar en oq, y goe forman bandas delgadas concentricas con presencia de cin?	7	16	8560	4311	31.5
3386	397340	8398376	4358	V, aflr	0.3x1.6	322° arn conglomeratica gr gso color beige,gossan de LIMs, goe con presencia de OxMn y cin?, bar en oq, en algunas partes OxMn, LIMs y goe forman bandas delgadas concentricas con presencia de cin?	<5	5.71	8496	2297	14.1
3387	396863	8398482	4366	V, aflr	0.25x2.5	10° pot 5 mt, gossan de goe+++, OxMn,LIMs y cin, de asp terr,sw,vls de sil asc a OxMn,	<5	9.24	14600	4932	13.2
3388	396863	8398483	4366	V, aflr	0.5x2.5	10° pot 5 mt, gossan de OxMn, goe, LIMs y cin+, de asp terr, con vls de sil , bandeamiento OxMn, cin, LIMs formando capas delgadas	<5	3.82	16200	3506	19.6
3389	396873	8398481	4362	V, aflr	0.25x2.2	10° por 2.1 mt, arn , gossan de OxMn, goe, LIMs y cin+, de asp terr, sw con presencia de vls de sil asc a OxMn, xls de ba en oq asc a OxMn y goe, bandeamientoinsipiente entre OxMn y LIMs	7	6.09	20500	6119	15.7
3390	396882	8398478	4360	V, aflr	0.25x2.3	10° pot 2.2 mt, arn de gr md a gso, gossan de goe, OxMn, LIMs y cin+, presencia de xls de ba+ asc a OxMn y goe	8	7.01	16000	6930	15
3391	396891	8398474	4357	V, aflr	0.35x3.0	10° pot 3 mt, arn , gossan de goe, OxMn, LIMs de asp terr, OxMn++ en la parte central y en los extremos, presencia de ba asc a OxMn, vls de sil asc a OxMn, bandeamiento insipiente entre LIMs y OxMn	6	47	14400	14400	28.2

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3392	396900	8398474	4353	V, aflr	0.35x1.7	10° pot 1.7 mt, arn de gr md a gso, color beige, gossan de OxMn, goe, LIMs, cin+, de asp terr, vls de sil asc a OxMn, con presencia de pequeñoss xls de ba en oq, presencia de smithsonita+?	<5	22	8403	14800	26
3393	396887	8398467	4355	V, aflr	0.3x1.0	12° pot 1 mt, arn , gossan,falla deleznable con intercalaciones de OxMn, LIMs, goe, cin+, tx bw, con vls de sil asc a OxMn, goe y cin, bandeamiento insipiete entre OxMn y LIMs con presencia de pequeños xls de ba	7	58	10800	14500	71.7
3394	396904	8398486	4355	V, aflr	0.25x2.5	13° pot 2.5, gossan de OxMn, LIMs,goe y cin+, de asp terr, vls de sil asc a OxMn y LIMs, presencia de xls tabulares de ba en oq asc a OxMn, bandeamiento insipiente entre LIMs, OxMn y goe.	9	27	12000	3775	9.4
3395	396912	8398483	4352	V, aflr	0.28x1.7	7° pot 1.7 mt, arn , gossan de OxMn, goe, LIMs, cin; de asp terr con presencia de vls de sil asc a OxMn, en la parte central del canal de muestreo OxMn+++ con oq, y presencia de pequeños xls de ba en oq de OxMn	<5	12	8640	8365	40.3
3396	396914	8398480	4350	V, aflr	0.3x0.5	25° pot 0.5 mt, arn , gossan de OxMn, LIMS, goe, cin+, de asp terr, con presencia de xls de ba, bandeamiento insipiente xMn, LIMs, goe	<5	3.47	16700	2623	5.4
3397	396910	8398495	4354	V, aflr	0.3x1.3	350° pot 1.3 mt, arn, goss de OxMn, LIMs, goe y cin+, de asp terr, zona de falla en los extremos, con vls de ba siguiendo las fr, vls de sil asc a goe y OxMn con pequeños xils de ba diss	8	12	6551	19800	19.9
3398	396933	8398493	4347	V, aflr	0.3x1.5	10° pot 1.48 mt, arn de gr md a gso, goss de OxMn, goe, LIMs de asp terr, vls de sil presencia de ba en oq con bandeamiento insipiente entre OxMn, LIMs, goe y cin+	7	17	5516	8053	7.9
3399	396916	8398457	4352	V, aflr	0.3x1.2	275°/45°, pot 1.20 mt, goss de OxMn, goe, LIMs, de asp terr, c/vls de sil+ asc a OxMn, OxMn, goe y LIMs forman bandas c/ ba + en oq	<5	43	16600	3658	35.5
3400	396935	8398471	4346	V, aflr	0.3x0.95	8° pot 0.9 mt, arn de gr gso, goss de OxMn, goe, LIMs de asp terr, c/ vls de sil asc a OxMn, y xls de ba en oq	<5	55	15000	7354	47.4
3501	396935	8398458	4348	V, aflr	0.3x2.2	243°/48° pot 10.2 mt, arn de gr gso color beige, goss de OxMn, goe, LIMs y cin c/ vls de sil asc a OxMn y xls pequeños ba+ en oq	<5	192	8451	32000	137.2
3502	396935	8398455	4350	V, aflr	0.25x2.3	243°/48° pot 10.2 mt, arn de gr gso color beige, goss de OxMn, goe, LIMs y cin+ c/ vls de sil asc a OxMn y xls pequeños ba+ en oq	7	9.83	2428	9892	11.4
3503	396935	8398453	4351	V, aflr	0.3x2.2	243°/48° pot 10.2 mt, arn de gr gso color beige, goss de OxMn, goe, LIMs y cin+ c/ tx band y vls de sil asc a OxMn	<5	48	3531	29000	48.4
3504	396955	8398457	4346	V, aflr	0.3x2.0	240°/65° pot 2 mt, arn de gr md a gso color beige, goss de LIMs, goe, OxMn, pequeños xls de ba asc a OxMn	<5	36	8434	7437	37
3505	396954	8398448	4348	V, aflr	0.35x2.6	295°65° pot 2.6, arn de gr gso, goss de goe,, OxMn, LIMs de asp terr c/vls de sil asc a OxMn y xls de ba en oq	<5	33	18300	2378	25.4
3506	396934	8398451	4352	V, aflr	0.3x2.1	243°/48° pot 10.2 mt, arn de gr gso color beige, goss de OxMn, LIMs, goe y cin+ de asp terr, OxMn y LIMs forman bandas delgadas concentricas, vls de OxMn c/ xls de ba+ en cav	<5	21	5198	2779	27.9
3507	396952	8398470	4346	V, aflr	0.35x1.3	250°/65° pot 1.3 mt,arn de gr md a gso, goss de OxMn, LIMs y goe de asp terr c/ vls de sil asc a OxMn; LIMs y OxMn en band insipiente	<5	23	12200	16300	64.6
3508	396973	8398443	4345	V, aflr	0.35x1.2	285°/60° pot 3.2 mt, arn de gr md a gso, goss de goe, LIMs y OxMn de asp terr, OxMn +++ en la parte central del canal, LIMs y goe en formas concentricas, vls de sil asc a OxMn c/ xls de ba en oq	6	19	9456	7054	13
3509	396983	8398439	4342	V, aflr	0.35x1.1	285°/60° pot 1.1 mt, arn de gr md a gso, goss de goe, LIMs, OxMn y cin, de asp terr c/ vls de sil asc a OxMn y xls de ba+ rellenando oq	7	33	14600	4570	34.2

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3510	396973	8398445	4343	V, aflr	0.3x2.0	285°/60° pot 3.2 mt, arn de gr md a gso conglomeratica, goss de goe, LIMs, OxMn y cin+ c/ vls de sil asc a OxMn, LIMs y goe forman bandas delgadas concentricas	<5	82	4412	22900	47.8
3511	396972	8398473	4340	V, aflr	0.35x1.2	265°/70° pot 1.2 mt, arn de gr md a gso, goss de goe, OxMn, LIMs, cin+,de asp terr c/xls tab de ba y vls de sil asc a OxMn	6	58	8953	9046	66.1
3512	396963	8398492	4342	V, aflr	0.33x2.5	270°/55°pot 2.5mt, arn de gr gso, goss de LIMs,goe y OxMn, c/ vls de sil asc a OxMn; LIMs y goe forman bandas delgadas concéntricas	<5	16	6905	12000	13.1
3513	396983	8398491	4339	V, aflr	0.3x1.6	285°/65° pot 1.7, goss de LIMs, goe, OxMn y cin+ c/ xls tab de ba y vls de sil asc a OxMn	<5	33	12500	9389	19.2
3514	396983	8398491	4339	V, aflr	0.3x1.6	DUPLICADA 3513	<5	75	9696	15700	30.4
3515	397103	8398416	4344	V, aflr	0.25x1.5	300°/54° pot 1.25 mt, arn de gr md a gso color beige, goss de LIMs, goe y OxMn de asp terr, c/ vls de sil asc a OxMn y pequeños xls de ba en oq asc a OxMn y LIMs	<5	51	10500	4317	45.2
3516	397106	8398407	4346	V, aflr	0.3x0.5	140°/70° pot 0.5 mt, goss de LIMs, goe, OxMn y cin+, c/vls de sil asc a OxMn, xls tab de ba++ asc a OxMn; LIMs y OxMn forman pequeñas bandas	<5	18	8000	3041	15.8
3517	397121	8398394	4351	V, aflr	0.4x0.9	120°/63° pot 0.9 mt, arn de gra gso, goss de OxMn, LIMs, goe y cin; tx band insipiente, c/ vls de sil asc a OxMn y xls tab de ba en oq	7	28	12600	6794	32.2
3518	397135	8398383	4355	V, aflr	0.35x2.1	120°/50° pot 2 mt, goss de OxMn, LIMs, goe y cin, de asp terr, c/ vls de sil aso a OxMn y LIMs, y xls tab de bar asc a OxMn	<5	22	11300	4869	35.8
3519	397149	8398375	4360	V, aflr	0.3x2.5	127°/50° pot 2.35 mt, arn de gr md a gso, goss de goe, OxMn, LIMs y cin, de asp terr, tx band insipiente, c/ vls de sil asc a OxMn y xls tab de ba	5	21	7860	8324	22.2
3520	397148	8398370	4360	V, aflr	0.4x1.3	275°/149° pot 1.20 mt, arn de gr md a gso, goss de OxMn, LIMs, goe y cin; de asp terr	<5	4.83	3063	4259	12
3521	397167	8398368	4365	V, aflr	0.45x1.3	130°65° pot 1.3 mt, goss de LIMs, goe y OxMn; de asp terr, tx band insipiente, c/ vls de sil asc a OxMn	<5	39	7757	9146	47.1
3522	397185	8398362	4370	V, aflr	0.35x0.8	100°/75° pot 0.8 mt, goss de OxMn, LIMs, goe, cin + y xls tab ba, de asp terr, LIMs y OxMn forman bandas	<5	15	7248	4050	15.5
3523	397204	8398355	4374	V, aflr	0.35x0.9	127°/80°, pot 0.9 mt, arn de gr gso, goss de OxMn, LIMs, goe y cin+, de asp terr c/ vls de sil asc a OxMn y xls tab de ba	<5	54	9701	12700	107.9
3524	397223	8398350	4378	V, aflr	0.25x0.9	115°/50° pot 0.9 mt, arn de gr gso color beige, goss de goe, LIMs y OxMn c/ vls de silasc a OxMn y xils tab e ba, LIMs y OxMn forman bandas delgads	<5	19	8646	7741	8.2
3525	397240	8398348	4380	V, aflr	0.25x0.8	103°/58° pot 0.8 mt, arn de gr md a gso, goss de OxMn, LIMs, goe y cin+, tx band insipiente	<5	4.28	6407	6015	6.9
3526	397247	8398342	4379	V, aflr	0.25x0.8	80°/40° pot 0.8 mt, arn de gr gso, goss de OxMn, LIMs, goe y cin+, c/ vls de sil asc a OxMn y xls tab de bar en oq	11	452	3721	7801	34.7
3527	397264	8398351	4377	V, aflr	0.4x1.2	65°/55° pot 1.2 mt, arn de gr gso, goss de OxMn, LIMs, goe, de asp terr c/ vls de sil asc a OxMn	<5	15	6308	6484	15
3528	397223	8398358	4378	V, aflr	0.2x0.45	99|/55° pot 0.4 mt, goss de LIMs, goe, OxMn, y cin, tx band insipiente, c/ xls tab de ba, OxMn +++ en laparte central del canal	12	13	11900	3569	12.4
3529	397220	8398357	4377	V, aflr	0.25x0.6	113°/55° pot 0.6 mt, arn cng, goss de OxMn, LIMs y goe, de asp terr, c/ vls de sil asc a OxMn	<5	24	7043	7773	30.9
3530	397193	8398319	4375	V, aflr	0.25x0.7	85°/35° pot 0.7 mt, goss de OxMn, LIMs, cin y goe, de asp terr, tx band insipinte, tx sw por zonas c/ vls de sil asc a OxMn y ba rellenando oq,	<5	62	7003	6955	55.3
3531	397152	8398327	4368	V, aflr	0.20x0.38	72°/45° pot 0.3 mt, gossde OxMn, LIMs, goe y cin, de asp terr, c/ xls tab de ba	<5	40	10900	6218	33.9
3532	397155	8398354	4363	V, aflr	0.2x0.45	300°/63° pot 0.45 mt, arn de gr gso, goss de goe, OxMn, LIMs y cin, tx band insipiente y gn en tz	<5	6.92	16200	1417	5.2

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3533	397134	8398357	4359	V, aflr	0.22x1.3	255°/42° pot 1.2 mt, goss de OxMn, goe, LIMs y cin, c/ vls de sil asc a OxMn y LIMs; xls tab de ba+ en oq	8	55	9907	7674	10.3
3534	397158	8398399	4358	V, aflr	0.2x1.1	275°/55° pot 1 mt, arn de gr md a gso, goss de LIMs, goe, OxMn y cin, de asp terr, c/ vls de sil asc a OxMn y xls tab ba+ en oq	<5	32	7840	13400	56.7
3535	397157	8398407	4357	V, aflr	0.23x1.2	315°/45° pot 1.05 mt, arn de grmd a gso, goss de LIMs, goe, OxMn y cin, de asp terr, con vls de sil asca a OxMn	<5	5.23	8818	7182	15.3
3536	397218	8398315	4378	V, aflr	0.18x0.23	260°/30° pot 0.18° mt, goss de OxMn+++, LIMs, goe y cin+, lentes de asp terr, c/ vls de sil asc a OxMn y xls de ba+ en oq	<5	20	8605	4397	13.9
3537	397235	8398308	4376	V, aflr	0.16x0.23	280°/37° pot 0.16mt, goss de goe, OxMn, LIMs y cin, tx band, c/ vls de sil asca a OxMn y pequeños xls de ba+	8	104	6608	6615	61
3538	397226	8398274	4379	V, aflr	0.3x0.5	100°/40° pot 0.5 mt, goss de LIMs, goe, OxMn y cin, de asp terr, c/ vls de sil asc a OxMn, tx band insipiente (OxMn y LIMs)	<5	9.7	3013	2219	21.7
3539	397232	8398255	4378	V, aflr	0.18x0.30	270°/45° pot 0.3mt, goss de OxMn, LIMs, goe y cin+, de asp terr c/pequeñas vls de sil asc a OxMn	<5	91	7018	8166	86.8
3540	397236	8398233	4382	V, aflr	0.2x0.8	300°/65° pot 0.8 mt, goss de LIMs, goe, OxMn y cin, de asp terr, c/ vls de sil asc a OxMn y xls de ba+; goe y LIMs forman bandas delgadas concentricas	8	20	1367	5026	28
3541	397221	8398241	4385	V, aflr	0.25x0.5	300°/65° pot 0.5 mt, goss de LIMs, OxMn, cin y goe, lentes de asp terr, c/ vls de sil asc a OxMn y xls de ba+, tx band insipiente, goe y LIMs forman bandas delgadas concentricas	<5	48	1574	7013	39.1
3542	397209	8398242	4388	V, aflr	0.3x0.7	265°/40° pot 0.7 mt, goss de OxMn, LIMs, goe y cin, de asp terr c/ vls de sil asc a OxMn y ba+	<5	1.63	5065	1908	7.8
3543	397211	8398244	4387	V, aflr	0.3x0.8	260°/45° pot 0.8 mt,goss LIMs, cin++, OxMn y goe de asp terr c/ xls de ba+	9	84	6401	8285	69.8
3544	397193	8398252	4386	V, aflr	0.2x1-0	273°/60 pot 1 mt, goss de goe, LIMs, cin++ y OxMn, c/ vls de sil asc a OxMn y xls de ba, gn en tz	<5	57	14200	40100	25.2
3545	397183	8398256	4384	V, aflr	0.25x0.43	285°/47° pot 0.43 mt, goss de LIMs, goe, OxMn y cin, tx band, de asp terr, LIMs y OxMn forman bandas delgadas concetricas, c/ xls de ba+	<5	11	6212	6263	17.3
3546	397171	8398262	4382	V, aflr	0.2x0.3	263°/55° pot 0.2 mt, goss de OxMn, goe, LIMs y cin, de asp terr, c/ vls de sil asc a OxMn y xls de ba+ asc a OxMn	<5	28	25300	3809	7.3
3547	397230	8398257	4379	V, aflr	0.3x0.65	60°/62° pot 0.08 mt, goss de OxMn, LIMs, goe y cin, lentes de asp terr, c/ vls de sil asc a OxMn y xls de ba asc a OxMn, LIMs y goe	<5	25	7318	67600	43
3548	397216	8398255	4384	V, aflr	0.12x0.70	300°/40° pot 0.12 mt, arn cng, goss de LIMs, OxMn, goe y cin, de asp terr, tx band insipiente	7	40	3614	33700	83.1
3549	397197	8398262	4385	V, aflr	0.26x3.0	245°/38° pot 0.41 mt, arn de gr md a gso, goss de LIMs, OxMn, goe y cin, de asp terr, tx band insipiente, c/ xls de ba+	9	47	2828	17100	70.4
3550	397153	8398272	4378	V, aflr	0.35x3.0	315°/50° pot 1.5 mt, arn de gr gso, goss de OxMn, LIMs, goe y cin++, de asp terr, c/ bandas de OxMn y LIMs	8	26	18200	15800	30.4
3551	397135	8398281	4373	V, aflr	0.4x1.7	288°/42° pot 1.7 mt, goss de OxMn, goe, LIMs y cin ++, de asp terr, tx band insipiente, c/ xls de ba+	9	60	46700	5384	85.4
3552	397121	8398286	4370	V, aflr	0.6x1.3	300°/65° pot 1.3 mt, goss de OxMn, cin, LIMs y goe, de asp terr, c/ xls de ba+ y vls de sil asc a OxMn, gn en tz	<5	28	13800	6892	18.2
3553	397104	8398293	4367	V, aflr	0.28x0.2	265°/68° pot 0.2 mt, goss de LIMs, OxMn, goe y cin+, de asp terr, OxMn, goe, LIMs forman bandas delgadas concéntricas, c/ vls de sil asc a OxMn y xls de ba	<5	179	16900	19800	166.9
3554	397087	8398300	4363	V, aflr	0.2x0.15	315°/70° pot 0.14 mt, goss de OxMn, goe, LIMs y cin, tx band, lentes de asp terr c/ vls de sil asc a OxMn y xls de ba	11	53	14600	29400	65.2

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3555	397067	8398312	4361	V, aflr	0.2x1.2	285°/70° pot 1.2 mt, goss de OxMn, LIMs, goe y cin+, tx band insipiente, de asp terr c/ vls de sil asc a OxMn, smithsonita? Rellenando oq	5	67	12500	10500	155.3
3556	397049	8398320	4361	V, aflr	0.15x0.76	303°/71°, pot 0.75 mt, Gossan de OxMn, goe, LIMs y cin, de asp terr, presencia de xls tabulares de ba, rellenando oq en el P de la V, pequeño bandeamiento de OxMn, LIMs, goe y cin	<5	7.98	7844	1959	10.9
3557	397215	8398284	4380	V, aflr	0.30x0.40	262°/64°, pot 0.40 mt, arn de gr md a gso color beige, gossan de OxMn, goe, LIMs, cin +, e asp terr, presencia de vls de sil asc a OxMn, presencia de ba +	<5	3.69	11100	3316	9.9
3558	397202	8398281	4382	V, aflr	0.40x0.50	262°/64°, pot 0.40 mt, Gossan de LIMS, goe, OxMn y cin, de asp terr, presencia de vls de sil asc a OxMn, ligero bandeamiento de goe, cin y OxMn, presencia de pequeños xls de ba	<5	41	14800	50800	30.3
3559	397203	8398280	4383	V, aflr	0.30x0.46	316°/69°, pot 0.46 mt, Gossan de goe, OxMn, LIMs, cin, presencia de vls de sil asc a OxMn, band insipiente de OxMn, goe, LIMs, OxMn y LIMs	<5	124	5836	17200	344.5
3560	397031	8398330	4359	V, aflr	0.55x1.50	326°/73°, pot 0.50 mt, Gossan de OxMn, goe, LIMs y cin, de asp terr, presencia de xls tabulares de ba, rellenando oq en el P de la V, pequeño bandeamiento de OxMn, LIMs, goe y cin	8	10	5607	6233	29.4
3561	397017	8398343	4355	V, aflr	0.15x0.38	306|/60°, pot 0.32 mt, Gossan de LIMs, goe, OxMn, cien+, de asp terr, presencia de xls de ba, bandeamiento de OxMn, cin, goe, y LIMs	6	147	13300	20900	530.8
3562	397007	8398352	4352	V, aflr	0.15x0.94	320°/65°, pot.80 mt, Gossan de LIMs, goe, OxMn, cin, de asp terr, con preencia de gn en pequeñas cantidades y pequeños xls de ba asc a OxMn al P y al T	9	49	8668	5717	23.9
3563	397258	8398384	4358	V, aflr	0.2x1.6	255º/68º, pot 1.8mt, arn cza cng cl blc crema, gss LIMs de aspecto terroso en cav, OxsMn asoc a cin de asp terr con tx band al techo 0.2mt de gss.	<5	28	4346	13300	28.2
3564	397271	8398386	4351	V, aflr	0.3x1.4	90º/62º, pot 1.5mt, arn cza gr gso cl blc, mal clasif, gss LIMs+++ aspecto terroso, OxsMn++ asoc cin+ mostrando tx band.	8	14	8904	8525	43.8
3565	397279	8398372	4357	V, aflr	0.2x3.0	75º/75º, pot 3mt, arn cng cl blc, LIMs en frac (1mt), gss (2mt) LIMs asoc a OxsMn msv y de aspecto terroso en cav y frac.	10	69	4639	7147	17.1
3566	397336	8398397	4349	V, aflr	0.2x1.9	44º/78º, pot 2.2mt, arn cng (pebbles) cl crema, gss LIMs+++, OxsMn asoc a cin de aspecto terroso, cl ladrillo.	8	26	7174	9684	38.1
3567	397346	8398390	4351	V, aflr	0.3x0.8	305º/50º, pot 0.8mt, arn gr gso bien clasif, gss LIMs de aspecto terroso en cav y frac, OxMn asoc a cin color ladrillo en cav.	10	18	8420	5075	15.8
3568	397352	8398407	4345	V, aflr	0.3x1.7	290º/72º, pot 1.8mt, gss de LIMs+ asoc a goe++ con tx band, OxsMn+ en frac, cin++ en frac y cav, tx band.	<5	5.71	12500	3066	9.7
3569	397363	8398376	4352	V, aflr	0.2x1.6	260º/55º, pot 1.8mt, gss de LIMs+++ asoc a goe++ de aspecto terroso, OxsMn+ en cav y frac asoc a cin msv cl ladrillo en cav, tx band insipiente.	<5	8.8	11700	5476	8.9
3570	397371	8398401	4345	V, aflr	0.2x0.8	265º/45º, pot 1.2mt, gss LIMs++ asoc goe+ tx band y en cav aspecto terroso, OxsMn+++ aspecto terroso con tx band y msv en vls asoc a sil, OxsMn asoc a cin+ tx band.	<5	26	11500	11100	13.3
3571	397389	8398394	4344	V, aflr	0.2x1.4	274º/50º, pot 1.5m, arn cng (pebbles) , frag subang a subred, polimictico, cmt arn cza gr gso, gss LIMs++ goe++ asp terr c/ tx band, cin en band y cav, cin msv, vls sil asoc a OxMn	<5	12	9355	3146	37.3
3572	397385	8398412	4338	V, aflr	0.2x2.0	220º/75º, pot 2mt, cng polimictico cl crema, frag subred a subang de 0.5 hasta 30cm, gss de LIMs+ asoc goe en frag y afectando moderadamente a frag, vls sil.	<5	5.24	4393	766.6	12.8
3573	397367	8398418	4337	V, aflr	0.25x1.4	290º/74º, pot 1.5mt, cng polimictico cl crema con cmt micro cng, LIMs y goe+ en frac y en inters, OxsMn+++ de aspecto de terroso y msv, cin en cav.	7	4.74	7059	2582	13.3
3574	397348	8398419	4338	V, aflr	0.3x0.7	275º/75º, pot 1mt, gss OxsMn+++ de aspecto terroso en cav, cin de aspecto terroso en frac y cav, LIMs+ - goeen frac terroso contx band insipiente.	<5	20	13800	8517	28.6

No	East	North	Elev.	S. type	Size	Description	Au ppb	Ag	Zn	Pb	Cu ppm
3575	397329	8398420	4339	V, aflr	0.2x0.5	280º/72º, pot 0.5mt, gss de LIMs+++ - goe+ de aspecto terroso, OxsMn terroso asoc a cin en cav y frac, tx band insipiente.	<5	3.3	6623	4022	36.8
3576	397433	8398379	4335	V, aflr	0.25x1.6	250º/70º, pot 1.8mt, cng polimictico frag subred, 1 a 10cm, gss LIMs+++ terroso en frac y cav, cin++ terroso en cav, OxsMn+ en frac.	<5	65	676	6082	33.7
3577	397452	8398385	4330	V, aflr	0.25x5.0	280º/75º, pot 10mt, arn cza gr gso - cng (pebbles), gss cin+++ cl ladrillo de aspecto terroso en cav msv, asoc a LIMs+ en frac, OxsMn como patinas y frac.	6	168	885	28800	19.5
3578	397473	8398389	4329	V, aflr	0.2x6.0	305º/50º, pot 12mt, pebbles, gss cin+++ de aspecto terroso, OxsMn en frac.	<5	140	599	7786	19.2
3579	397476	8398385	4328	V, aflr	0.2x5.9	275º/76º, pot 12mt, sigmoide, pebbles, cin+++ aspecto terroso en inters y msv, LIMs terroso en cav e inters.	7	35	669	1982	50.7
3580	397486	8398403	4321	V, aflr	0.2x1.5	275º/69º, pot 10mt, arn cng (pebbles), gss cin+++ asoc LIMs++, OxsMn+ en frac y cav.	9	157	692	173200	12.2
3581	397499	8398399	4318	V, aflr	0.25x2.5	228º/75º, pot 10mt, cng polimictico, frag subang a subred, gss LIMs++ de aspecto terroso, jar, OxsMn+ asoc a cin++ en frac y cav.	7	136	1015	3773	79.5
3582	397526	8398407	4313	V, aflr	0.3x4.3	280º/68º, pot 5mt, arn cng (pebbles) inter arn cza gr gso, gss LIMs++ de aspecto terroso y msv, asoc a cin en frac.	9	74	422	1836	242.9
3583	397250	8398246	4375	V, aflr	0.4x0.7	265°/65°, pot 0.68 mt, gossan de OxMn, goe, LIMs, cin, de asp terr,con presencia de finos xls de ba en oq, bandeamiento insipiente entre LIMs y OxMn.	<5	158	15700	24700	300.9
3584	397250	8398246	4375	V, aflr	0.4x0.7	DUPLICADA 3583	<5	131	17600	27600	280.9
3585	397269	8398246	4368	V, aflr	0.3x2.0	265°/65°, pot 1.9 mt, gossan de goe, OxMn, cin y LIMs, de aps terr, OxMn tapiz LIMs, tx band insipiente c/ vls de sil asc a OxMn y cin	<5	17	9212	7228	47.1
3586	397326	8398246	4355	V, aflr	0.4x4.0	255°/63° pot 3.8 mt, goss de OxMn, LIMs, goe, cin+, c/ vls de sil asc a OxMn y xls tab de ba rellenando oq	<5	2.81	10300	2406	6.2
3587	397347	8398245	4349	V, aflr	0.2x2.9	288°/68° pot 2.75 mt, goss de OxMn, LIMs, goe y cin+, de asp terr, c/ vls de sil asc a oxMn y xls de ba rellenando oq	<5	6.26	11700	3784	6
3588	397383	8398222	4347	V, aflr	0.3x1.5	100°/73° pot 1.4 mt, goss de OxMn, LIMs, goe y cin++, tx band, de asp terr	<5	17	8100	2716	59.4
3589	397409	8398217	4343	V, aflr	0.3x1.6	130°/73° pot 1.5 mt, goss de OxMn, goe, LIMs y cin, forman bandas delgadas concentricas y tx band c/ xls de ba+	<5	6.02	2575	2907	4.2
3590	397398	8398217	4347	V, aflr	0.25x0.32	280°/65° pot 0.28 mt, goss de OxMn ,LIMs, goe y cin (en cav), c/ xls tab de ba en oq asc a OxMn y LIMs	<5	6.61	9555	935.2	37.6
3591	397427	8398210	4344	V, aflr	0.2x2.8	280°/62° pot 2.7 mt, goss de OxMn, goe, LIMs y cin+ (en cav), tx sw, c/ vls de sil asc a OxMn y xls tab de ba rellenando oq	<5	5.35	8100	1915	7.3
3592	397446	8398207	4343	V, aflr	0.2x4.0	88°/82° pot 3.8 mt, goss de OxMn, LIMs, goey cin, tx band insipiente, de asp terr c/ vls de sil asc a OxMn y xls de ba rellenando oq	<5	12	17500	1796	33.8
3593	397463	8398199	4340	V, aflr	0.2x1.1	264°/65° pot 0.95 mt, goss de OxMn, LIMs, goe y cin+, tx band insipiente, de asp terr	8	4.28	8926	1460	5.7
3594	397438	8398196	4347	V, aflr	0.45x0.8	65°/87° pot 0.7 mt, goss de OxMn, LIMs, goe y cin+, de asp terr, C7 vlsde sil asc a OxMn con xls de ba rellenando oq	7	1.55	4725	698.1	4
3595	397400	8398210	4348	V, aflr	0.27x0.9	85°/88° pot 0.8 mt, goss de OxMn, goe, LIMs y cin, forman bandas delgadas concentricas, de asp terr, c/ xls de ba asc a OxMn y LIMs	9	0.75	2691	316.1	3.1
3596	397408	8398200	4349	V, aflr	0.3x0.4	100°/88° pot 0.4 mt, goss de OxMn, LIMs, goe y cin (en cav), de asp terr c/xls de ba rellenando oq	<5	9.47	18700	1682	9
3597	397439	8398189	4348	V, aflr	0.20x0.45	312°/60° pot 0.4 mt, goss de OxMn, LIMs, goe y cin c/ xls de ba rellenando oq, lentes de asp terr	7	2.51	21100	1158	5.9
3598	397433	8398183	4349	V, aflr	0.2x2.0	98°/70° pot 1.86 mt, goss de LIMs, OxMn, goe y cin, tx band insipiente, de asp terr, c/ xls de ba rellenando oq	9	12	6866	1734	25.9

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3599	397490	8398206	4330	V, aflr	0.35x0.37	316°/64° pot 0.37 mt, goss de LIMs, goe y cin, tx band insipiente, de asp terr, deleznable por partes	10	43	566	4470	76.9
3600	397403	8398191	4352	V, aflr	0.2x2.4	286°/70° pot 2.2 mt, goss de OxMn, LIMs, goe y cin (en cav), lentes de asp terr, c/ xls de ba rellenando oq	<5	6.39	6776	2821	15.3
3401	397442	8398160	4347	V, aflr	0.4x1.0	285°/80° pot 0.9 mt, goss de LIMs,OxMn, goe y cin, formn bandas delgadas concentricas, y tx band insipiente, de asp terr	7	22	5503	789.2	8.9
3402	397484	8398140	4346	V, aflr	0.2x0.6	285°/65° pot 0.45 mt, goss de OxMn, LIMs, goe y cin, forman bandas delgadas concentricas c/ vls de sil asc a OxMn	<5	3.57	3725	2827	2.9
3403	397387	8398187	4356	V, aflr	0.25x1.0	285°/75° pot 0.8 mt, goss de OxMn, LIMs, goe y cin, forman bandas delgadas concentricas c/vls de sil asc a OxMn y xls de ba rellenando oq	<5	4.76	10600	587.3	12
3404	397381	8398178	4359	V, aflr	0.2x1.0	320°/66° pot 0.94 mt, arn de gr md a gso color beige, goss de OxMn, LIMs, goe y cin, tx band c/ vls de sil asc a OxMn, de asp terr con xls tab de ba rellenando oq	<5	56	5250	5471	101
3405	397385	8398184	4357	V, aflr	0.25x0.8	298°/65° pot 0.8 mt, goss de OxMn, LIMs, goe y cin, forman bandas deladas concentricas, c/ vls de sil asc a OxMn y xls de ba+	<5	1.55	11800	614.6	6
3406	397312	8398031	4386	V, aflr	0.2x0.2	302°/88° pot 0.2 mt, cng polimictico (arn, lml), goss de LIMs, goe, OxMn, y cin, de asp terr, matriz microconglomeratica, arn tapizado de LIMs, goe, OxMn y cin	<5	1.99	13100	1913	7
3407	397351	8398028	4372	V, aflr	0.23x0.9	128°/76 pot 0.9 mt, cng polimictico (arn, lml), goss de LIMs, goe, OxMn, y cin, de asp terr, c/ vls de sil asc a OxMn, tx band insupiente	<5	8.19	1934	4242	8.2
3408	397396	8398041	4359	V, aflr	0.2x1.0	315°/76° pot 1 mt, cng polimictico (arn, lml, clz?), goss de OxMn, goe, LIMs y cin, formana capas delgadas concentricas c/ CARBs en todo el canal	<5	1.15	686	729.3	4.1
3409	397453	8398010	4348	V, aflr	0.3x3.7	292°/72° pot 3.5 mt, goss de OxMn, LIMs, goe y cin, de asp terr, c/ vls de OxMn y xls de ba rellenando oq	<5	1.18	715	761.6	5.1
3410	397436	8398074	4355	V, aflr	0.3x0.5	305°/50° pot 0.45 mt, goss de LIMs. OxMn, goe y cin, de asp terr, deleznable por partes, tx band insipiente, c/ vls de sil asc a OxMn y xls de ba diss y rellenando oq	<5	34	4280	7361	95.5
3411	397357	8398122	4379	V, aflr	0.23x2.2	308°/70° pot 2mt, arn de gr gso conglomeratica, goss de OxMn, LIMs y goe, formana bandas delgadas concéntricas, c/ xls de ba y CARBs, de asp terr	7	2.11	1663	1780	6.1
3412	397338	8398129	4379	V, aflr	0.2x1.0	293°/72° pot 1 mt, goss de OxMn, LIMs, goe y cin, de asp terr, tx sw y band insipiente c/ vls de sil asc a OxMn y xls tab de ba,	<5	1.9	1222	1305	9.5
3413	397304	8398136	4381	V, aflr	0.2x2.35	262°/61° pot 2.15 mt, goss de OxMn, LIMs, goe y cin, de asp terr, concreciones de LIMs en OxMn, tx band insipiente c/ xls de ba al P de la V, mc en tz	<5	17	6061	5635	63
3414	397279	8398106	4390	V, aflr	0.2x0.7	282°/65° pot 0.7 mt, goss de LIMs, OxMn y goe, tx band, de asp terr, c/ xls de ba, el algunas partes deleznable	<5	9.25	19300	3726	14.3
3415	397295	8398120	4385	V, aflr	0.2x0.7	265°/67° pot 0.65, goss de LIMs, OxMn y goe, tx band insipiente, de asp terr, c/ xls de ba rellenando oq	<5	0.82	4079	703.7	5.6
3416	397302	8398151	4375	V, aflr	0.2x1.6	296°/77° pot 1.4 mt, goss de OxMn, LIMs, goe y cin, tw band insipiente, de asp terr, c/ xls tab de ba	<5	5.39	2643	1300	11.5
3417	397314	8398162	4368	V, aflr	0.3x0.85	84°/72° pot 0.78 mt, goss de LIMs, goe y OxMn, deleznable, de asp terr, c/ vls de sil aso a OxMn; goe y LIMs masiva y en oq	<5	1.16	663	1200	75.2
3418	397336	8398159	4366	V, aflr	0.3x0.63	282°/48° pot 0.59 mt, goss de OxMn, LIMs, goe y cin, tx band insipiente, de asp terr c/xls de tab de bar asc a OxMn	<5	135	3644	30200	362.1
3419	397371	8398146	4368	V, aflr	0.3x0.4	115°/57° pot 0.4 mt, goss de LIMs, OxMn, goe y cin, zona de falla, tx band insipiente, de asp terr y algunas partes deleznable	<5	88	4050	18600	368.4
3420	397400	8398125	4366	V, aflr	0.2x1.2	290°/85° pot 1 mt, goss de LIMs, goe, OXMn y cin, de asp terr, deleznable por partes	<5	7.27	812	4276	16.5

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3421	397420	8398118	4362	V, aflr	0.3x0.6	294°/70° pot 0.5 mt, goss de LIMs, OxMn, goe y cin, tx band insipiente, de asp terr c/ xls tab de bar y gn en tz	5	164	5426	81700	2666
3422	397430	8398114	4360	V, aflr	0.2x1.1	125°/78° pot 1.05 mt, goss de OxMn, LIMs, goe y cin, de asp terr c/ vls de sil asc a OxMn y xls de ba	<5	79	4347	32100	1388
3423	397450	8398103	4354	V, aflr	0.2x1.8	300°/60° pot 1.60 mt, goss de LIMs, OxMn, goe y cin, tx band insipiente, de asp terr, c/ xls de ba diss	<5	31	5052	2613	95.4
3424	397463	8398096	4349	V, aflr	0.25x0.9	124°/65° pot 0.9 mt, goss de OxMn, LIMs, goe y cin, tx band insipiente y concreciones entre OxMn y LIMs, lentes de asp terr c/ xls de ba diss	<5	18	3918	2923	71.8
3425	397486	8398079	4338	V, aflr	0.3x1.2	135°/70° pot 1 mt, goss de OxMn, LIMs, goe y cin, tx band, lentes de asp terr c/ vls de sil asc a OxMn y xls de ba diss	5	0.74	801	120.5	6.9
3426	396477	8398568	4457	V, aflr	0.25x0.27	48°/70° pot 0.27 mt, arn de gr md a gso, color beige c/ oxidacion de asp terr, goss de LIMs, OxMn y goe, c/ vls de sil asc a OxMn	<5	52	1731	33000	53.8
3427	396458	8398574	4460	V, aflr	0.18x0.86	110°/65° pot 0.83 mt, goss de LIMs, goe, OxMn, tx band insipiente, c/vls de sil asc a OxMn y xls de ba diss	5	40	865	4058	54.9
3428	396435	8398581	4462	V, aflr	0.35x0.40	295°/80° pot 0.4 mt, goss de LIMs, OxMn, goe y cin, tx band insipiente, de asp terr	<5	64	731	21600	152.8
3429	396316	8398603	4464	V, aflr	0.25x0.40	30°/80°, pot 0.36 mt, arn de gr md a gso, goss de LIMs, goe, OxMn y cin, tx band insipiente, lentes de asp terr	<5	38	4902	18500	140.4
3430	397702	8398048	4289	V	0.3x0.50	215°/60° pot 0.5 mt, zona de falla, deleznable, c/ LIMs y goe al T y al P, xls de mc, py y gn diss, tx band insipiente, c/ ARCs (color blanco)	8	826	4085	19700	173.4
3431	397691	8398028	4304	V, UG G114	0.28x0.07	230°/60° pot 0.04 mt, goss de LIMs y OxMn, deleznable c/ gn diss y en tz	6	812	1009	179800	111.7
3432	397717	8397963	4296	V, aflr	0.2x1.2	65°/35° pot 1.2 mt, clz c/ oxidación con bandeamiento, en clz claras lineas oscuras c/ py, ef, puntos de sulfuros y cz; jarosita? Arg?	<5	324	100640	23600	601.4
3433	397720	8397952	4298	V, aflr	1.3x1x0.38	Clz de estratificacón 25°/75°; Zona de falla, goss de LIMs, goe y OxMn, de asp terr, sw, c/ vls de sil asc a OxMn, cz+	<5	8.99	4587	1161	17.7
3434	397532	8397997	4344	V, aflr	0.2x3.0	280°/54° pot 2.9 mt, goss de OxMn, LIMs, goe y cin, tx band insipipente, de asp terr, c/ vls de sil asc a OxMn; gn++ y xls de ba diss	<5	7.27	1016	3807	32.5
3435	397555	8398003	4338	V, aflr	2.2x0.5	250°/54° pot 2 mt, zona de falla, goss de LIMs, goe, cin y OxMn, tx band, de asp terr, c/ vls de gn y xls tab de ba diss	10	389	4991	107700	813.5
3436	397604	8398023	4327	V, aflr	0.3x2.9	284°/75° pot 2.75 mt, 2 vetillas con roca en el centro, cabalgado (arn cza de gr md a gso), goss de LIMs, OxMn, goe y cin, tex band insipiente, de asp terr c/ xls de ba diss	<5	13	2448	3004	44.7
3437	397717	8397954	4298	V, aflr	0.2x1.7x0.8	Zona de falla de 195°/95°, Clz c/ oxidos y arcillas color blanco (arg?), CARBs y cz, ef en tz	<5	102	32900	6855	254.8
3438	397240	8398377	4355	V.UG BP6	0.3x4.0	Cng c/ oxidación+++, goss de OxMn, goe, LIMs y cin (en cav), tx band, brechado, con cantos alterados, en la parte mas superficial oxidacion +++	6	123	11500	14400	25.1
3439	397239	8398373	4355	V.UG BP6	0.3x4.0	Goss de goe, LIMs, OxMn y cin, tx bandeada, c/ fallamiento, sw, de asp terr, c/ vls de sil asc a OxMn+++ (parte central del canal) y xls de ba rellenando oq	7	33	4324	5145	56.7
3440	397237	8398370	4355	V.UG BP8	0.3x4.0	Arn cgn polimictica c/ oxidación, goss de LIMS, OxMn, goe y cin, bloques (cantos grandes), oxidados, concentricos, c/ sw y vls de sil asc a OxMn, deleznable, lentes de asp terr	<5	19	3493	5339	31.9
3441	396980	8398493	4336	V.UG BP1	0.3x 2.1	285°/65° pot 1.7, goss de LIMs, goe, OxMn y cin+ c/ xls tab de ba y vls de sil asc a OxMn	6	54	9613	28700	19.5
3442	396980	8398493	4336	V.UG BP1	0.3x 2.1	DUPLICADA 3441	<5	46	9988	24800	17.2

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3443	396974	8398493	4336	V.UG BP1	0.3x3.8	285°/60° pot 3.2 mt, arn de gr md a gso conglomeratica, goss de goe, LIMs, OxMn y cin+ c/ vls de sil asc a OxMn, LIMs y goe forman bandas delgadas concentricas	<5	36	8602	16300	14.3
3444	396969	8398493	4336	V.UG BP1	0.25x1.2	300°/28° pot 1.33 mt, Goss de OxMn, LIMs, goe y cin, forman bandas delgadas concentricas, c/vls de sil asc a OxMn y xls tab de ba y gn diss	<5	58	6086	12700	6.3
3445	396954	8398493	4336	V.UG BP1	0.2x0.85	300°/28° pot 0.85 mt, Goss de OxMn, LIMs, goe y cin, de asp terr c/vls de sil asc a OxMn y xls tab de ba y gn diss	<5	49	6411	5517	12.2
3446	396960	8398494	4336	V.UG BP1	0.3x1.23	280°/60° pot 0.94 mt, Goss de OxMn, LIMs, goe y cin, tx band, c/vls de ba y gn en concreciones	<5	32	9257	7092	22.4
3447	396955	8398494	4336	V.UG BP1	0.3x1.04	304°/54° pot 1 mt, Cng polimictico, goss de goe, LIMs, OxMn y cin, zona de falla, tx band, c/ vls de sil asc a OxMn y xls tab de ba+ asc a OxMn y LIMs, xls de gn en bandas	<5	21	8263	13900	19.7
3448	396950	8398495	4336	V.UG BP1	0.45x1.03	304°/46° pot 0.76 mt, Cng polimictico, goss de goe, LIMs, OxMn y cin, zona de falla, tx band, c/ vls de sil asc a OxMn y xls tab de ba+ asc a OxMn y LIMs, xls de gn en bandas	<5	46	6086	40500	23.8
3449	396947	8398496	4336	V.UG BP1	0.4x1.3	304°/46° pot 1.05, roca caja cng a los extremos con ligera oxidación, goss de OxMn, goe, LIMs y cin, tx band, c/ vlas de sil asc a OxMn y xls tab de bar, gn en tz	<5	28	6235	24200	12
3450	397457	8398368	4325	V.UG BP11	0.2x2.05	Cuerpo cng polimictico, goss de goe,OxMn y LIMs tapizando la mtz y los cantos, c/ sistema de vls de sil asc a OxMn de 171°/80° y de 297°/59°	<5	7.69	2772	6672	9.3
3451	397453	8398371	4325	V.UG BP11	0.2x1.7	Cuerpo cng polimictico, goss taz la mtz y los cantos y rellenando los intersticios de goe,OxMn y LIMs, c/ sulfatos en las paredes, y vls desil asc a OxMn de 175°/82° y de 28°70°	<5	12	4116	8215	14.2
3452	397449	8398375	4325	V.UG BP11	0.15x3.3	84°/55° pot 1.54, goss cin, goe, LIMs y OxMn, lentes de asp ter c/ xls de ba rellenando oq en cin y en vls de sil asc a OxMn, sm En oq, bandas de xls de ba al de la V, mc en tz	<5	71	1375	131100	55.1
3453	397240	8398257	4370	V.UG BP11	0.2x0.5	Cng c/ bandas de mc, gn y vls sil asc a OxMn, gn diss en cantos c/ oxidos (goe y LIMs)	<5	79	32900	129900	161
3454	397253	8398259	4371	V.UG BP7	0.2x0.5	290°/65° pot o.4 mt, cng polimictico, goss de OxMn, goe, LIMs; sulfuros: gn diss en cantos de arn, mc como frag y en vls	<5	46	15700	48700	55.4
3455	397230	8398259	4370	V.UG BP7	0.29x0.7	pot 0.7 mt, cng c/ bandas de mc y gn, vls de Oxidos, gn diss en cantos c/ oxidos goe y LIMs	<5	66	22400	45300	247.9
3456	397236	8398257	4370	V.UG BP7	0.25x0.96	pot 0.96 mt, cng, gn diss, mc en vls c/ oxidos LIMs, goe	8	100	16200	51700	219.7
3457	397501	8398212	4324	V.UG BP12	0.2x2.45	Arn gris clara, gr gso c/vls de oxidos :goe, LIMs, 269°/72°. Por partes arn delz	<5	1.65	186	713.8	11.7
3458	397713	8397977	4292	V, aflr	0.12x0.6	263°/52° pot 0.12 cm, zona de falla, c/arcillas color blanco, vls de OxMn, goe y LIMs, siguiendo el plano de falla	<5	23	1615	1319	90.2
3459	396300	8399169	4380	V, aflr	0.31x0.22	273°/52°pot 0.22 mt, goss de LIMs, goe, cin y OxMn+, c/ vls de sil asc a OxMn n el P de la V, al T cin y arn cng	7	3.56	2156	5107	22
3460	396281	8399175	4386	V, aflr	0.26x1.1	297°/74° pot 1.10 mt, arn de gr gso, goss de goe, LIMs, OxMn (tapiz a goe), de asp terr c/ vls de sil asc a OxMn	<5	5.71	3554	6829	18.2
3461	396263	8399182	4391	V, aflr	0.27x0.75	302°/78° pot 1 mt, goss de goe, LIMs, OxMn y cin, tx band c/ vls de sil asc a OxMn y xls de ba+ en oq	7	1.9	1651	5357	43.1
3462	397565	8398543	4280	Stock pile	5.15x0.28x0.34	4 canales, frag de arn de gr fn a md y cng (ARCs) a gouge, frag de goss de OxMn, goe, LIMs y cin y frag de lml, zona de goss tapiz por xls de mc, dentro de un contexto de frag del orden de cm	<5	73	4893	23000	68.6
3463	397578	8398541	4280	Stock pile	3.45x0.3x0.26	6 canales, frag de arn de gr fn a md y cng (ARCs) a gouge, frag de goss de OxMn, goe, LIM y cin y frag de lml, zona de goss tapiz por xls de mc,	<5	130	5545	19300	101.5

ANNEX 3

BUSCORE ASSAY DATABASE

PROYECTO MINERO "PRINCESA"
PUNO - AZANGARO
REGISTRO DE MUESTRAS DE ROCAS (EXPLORACIÓN)

MUESTRA	UBÍCAC1ON	DESCRIPCIÓN	Ag (ppm)	Pb (ppm)	Pb (%)	Zn (ppm)
243104	397360 - 8398230	Tajo de roca limonitizada que sigue una pared de falla N30W/70N. Roca brechada con clastos de baritina	468	42200	4.22	2210
243105	397460 - 8398372	Roca altamente oxidada, tomada en la estructura principal, dentro de la zona de falla E-W/70N.	118	52400	5.24	1005
243106	397730 - 8397986	Alteración de roca (sulfatada);, roca oxidada de túnel que sigue una estructura de 40 cm. (Baritina, galena +Sfalerita) en areniscas amarillas.	391	17900	1.79	22
243120	397492 - 8398395	Roca en zona de falla de 0,50m de ancho; roca brechada no se observan minerales de interés.	13.6	11000	1.1	562
243121	397456 - 8398375	Arriba de la trinchera grande, grandes bloques brechados insitu, roca requemada; no se observa minerales de interés.	36.8	11300	1.13	1125
243130	397435 - 8398351	A un costado de la estructura principal. Material brechado con clastos redondeados, poca oxidación de la roca aflorante, no requemada;	4.1	2650		4600
243131	397367 - 8398345	Bloque grande altamente oxidado (requemado) de 40m, de alto y 10m de diámetro; Al parecer es ia continuación de la estructura mineralizada, chips de 5m, la roca encajante no es bien diferenciada.	47	5280		7980
243132	397367 - 8398345	Tomado en el lado norte a continuación de la muestra 243131, y separada por la falla S60W/65NW. Roca menos oxidada, brechada, chips de 3m de ancho.	14.6	1620		9170
243133	397319 - 8398343	Muestra tomada a 40m mas arriba de anterior, siguiendo la estructura principal mineralizada; roca requemada brechada en medio del conglomerado ; no se observa minerales de interés.	36.5	21800	2.18	9520
243134	347319 - 8398343	A continuación de la anterior y separada de muestra anterior por una falla N80E/75NW que le proporciona cierto hundimiento, chips 5m, se continua hacía el Oeste 50m.	21	5930		10900
243135	397242 - 8398750	Cumbre del cerro en su parte alta, estructura mineralizada oxidada (requemada), que se continua 50m en la misma dirección hacia abajo (ladera)-chips de 20m. no se observa minerales de interés en superficie.	19.6	8910		6770
243136	396750 - 8398613	Cerro alto de al frente hacia el Oeste(N65W), areniscas cuarzosas, sin mayor interés, ni oxidación, (alternancia con conglomerados) chips de 3m.	1.1	3830		253

243137	397103 - 8398291	Túnel antiguo que ha seguido las zonas oxidadas, dentro de un conglomerado chertoso, muestra contiene vetilla de galena de 10 cm, orientada N50E, el conglomerado contiene pirita y en parte es argilitizada, chips de 2m.	75.4	6680		8950
243138	397,103 - 8398291	Muestra similar a la anterior, aledaña y en el mismo túnel , roca encajante que al parecer contiene otras vetillas duras y compactas.	54	5620		10800
243139	317214 - 8398268	Siguiendo la línea de cumbre, desde la muestra 135. 50m al Sur, se continúa la roca requemada oxidada, dentro de la brecha se tiene clastos de baritina y esfalerita? Estructura E-W; chips 5m de largo por 2m de ancho.	93	40400	4.04	10800
243140	397226 - 8398240	25m al Sur de la anterior; túnel en la parte inferior que sigue la dirección estructural E-W, chips de l0m a la redonda de roca requemada brechosa oxidada.	36.5	5030		6030
243141	397273 - 8398252	Túnel orientado. S 80W; conglomerado brechoso con roca sulfatada, roca tomada en el frente mineralizado y en la caja; (vetillas de galena de 40cm, orientada N80W), chips de 2m que incluye a la veta.	92.8	62600	6.26	19900
243142	397288 - 8398,231	Túnel antiguo; conglomerado brechado en medio del cual se tiene una vetilla de galena con bastante óxidos de 30 cm;, muestra de 50cm de ancho, que incluye a la veta	54.8	9900		134
243143	397288 - 8398,277	Túnel anterior, muestra de la roca de caja mas brecha sulfatada, chips de 1,5m; arriba 15m no muestreado que sigue la misma estructura.	7.7	2500		10200
243144	397322 - 8398156	Túnel E-W, que sigue la dirección de una vetilla, 5 m abajo túnel inaccesible, y hacia arriba a la cumbre roca oxidada, muestra de 1,5m con vetilla de galena, cuarzo y esfalerita en roca brechosa.	23.9	4760		4170
243145	397322 - 8398128	Afloramiento de roca oxidada requemada en estructura mineralizada; (orientación S80E/75NE), roca brechosa, al parecer minerales de esfalerita en roca oxidada (requemada).	41.4	12300	1.23	9600
243146	397373 - 8398112	Sigue la misma franja estructural anterior N80W, unos 50m al SE de la muestra 247145, continuación de la roca oxidada, que al parecer marca un contacto con las areniscas cuarzosas, chips de 5 m de largo por 2m de ancho.	5.2	2270		2330
243147	397383 - 8398142	Pequeño túnel que al parecer sigue una falla N76W/60SW y que sigue algunas vetillas, roca oxidada en partes brechada, ferrosa clara	242	7770		2930
243148	397373 - 8398229	Pequeño afloramiento de roca quemada brechosa similar a la anterior; orientación de estructura: S75E/75NE.	14.3	5070		5410

243149	397366 - 8398254	Túnel mas inferior S40W, al lado de crestas quemadas, el túnel es inaccesible, muestra de escombreras.	8	1865		4590
243150	397483 - 8398351	Zona de escombreras al Sur del zanjón, chips al lado de pequeño túnel N75 W, roca oxidada.	87.3	62200	6.22	1390
243151	397,408 - 8398209	Afloramiento de 20m de diámetro, arenisca cuarzosa con óxidos en las fracturas, ligera alineación hacia el S75W. Estratificación N68W/.....; chips de5m.	10.6	999		731
243152	397453 - 8398198	A 30 m al S70W de 243151, roca muy similar a la anterior, chips de 10m, arenisca con óxido en fracturas, Afloramiento de 16m de diámetro.	14.6	1170		1625
243153	397584 - 8398194	Saliendo a la llanura; promontorio de arenisca roca muy similar a las anteriores, chips de 10m; a 30m al N75W, se encuentra un túnel abierto con areniscas blancuzca sin interés económico.	0.4	257		24
243154	397572 - 8398152	Promontorio de un gran afloramiento altamente tectonizado S70E/S60W, arenisca cuarzosa con tono rojizo	10.8	563		11
243155	397632 - 8398063	Pequeño afloramiento al lado de hondonada donde aflora arenisca cuarzosa, chips de 5m; estratificación .N40W/S65W; fractura predominante S80E.	2.1	154		20
243156	397638 - 8398046	Pequeña labor minera dentro de las areniscas, superficie endurecidas ferrosas, a manera de fracturas: N30W/15SW, chips de 2m	2.7	2220		115
243157	397685 - 8398042	Cúspide del cerro mas alto que da a la llanura, areniscas cuarzosas con estratificación cruzada, 8m de chips.	1.3	270		74
243158	397672 - 8397966	Pequeño afloramiento en la ladera, arenisca cuarzosa con óxido en fracturas, estratificación N45W/15SW, roca de poco interés.	0.9	191		47
243159	397,600 - 8398005	Principio de zanja mineralizada, cerca al contacto con roca arenisca; zanja de 70m orientada al S68W, siguiendo falla, roca oxidada brechosa.	42.8	13100	1.31	3620
243160	397517 - 8397994	Trinchera grande, donde ocurre roca requemada oxidada N68W/50N; con vetillas de galena y esfalerita; chips de 10m siguiendo la pared, al frente de la zanja, presencia de baritina en clastos.	188	53200	5.32	6450

243161	397540 - 8397991	Ligero cambio de rumbo de la estructura, roca brechosa al final de la zanja, 20 m mas delante de (243160), roca de interés; presencia de baritina, esfaleríta? mas calcita.	75.1	22600	2.26	3540
243162	397451 - 8398005	130m hacia el Oeste de la zanja; grandes bloques de roca brechosa requemada, chips de varios puntos, minerales no visibles.	2	1240		795
243163	397449 - 8398066	Al otro lado de la hondonada al Norte, pequeño afloramiento de brecha requemada; a 80m al S65W existe otro afloramiento similar, por lo que se tomó la muestra conjunta(roca de importancia económica).	1.4	726		755
243164	397481 - 8398066	Pequeño túnel abierto, control estructural mismo que el anterior; roca requemada brechosa, que se sigue una falla N60W/45SW; vetilla .	84	21700	2.17	6340
243165	397353 - 8397756	Alternancia de lutitas y areniscas con tonalidad rojiza en fracturas, no se observa roca oxidada ferrosa.	0.4	40		39
243166	397544 - 8397640	Muestras de arcilla blancuzca argilitizada con tonos rojizos, muestra de poco interés.	<0.2	14		11
243167	397637 - 8397904	Ladera que da a la laguna, rodados de roca café craquelada con óxidos en fracturas.	7.5	18		152
243168	397726 - 8397943	Gran afloramiento de 30m de largo por 20m de alto de roca bioclástica calcárea ocurre en pequeñas labores, roca oxidada en medio de estas, fracturas N5E.	19.6	6020		5450
243169	397723 - 8398015	Areniscas amarillas con óxidos en fracturas, gran frente de 130m de lugar que da a la llanura, en la parte inferior, labores mineras con galena mas esfalerita (poco interés de la roca).	1.1	640		36
243170	397767 - 8398036	Muestra de 0.50m en zona de falla N40E/60NW, mineralización de galena mas; 5m de caja un tanto oxidada.	542	25100	2.51	1345
243171	397540 - 8398502	Hacia el Norte de la trinchera grande (zanjón), al lado del camino, material oxidado craquelado, dirección estructural S80W/50NE	13.6	9230		3580
243172	396691 - 8398432	Hacia el Oeste de la estructura mineralizada (cresta), pasando la hondonada; ramal Sur al inicio ligero cambio de rumbo; roca requemada; 10m de largo por 2m de ancho; chips 5m; roca brechosa oxidada requemada.	48.1	7620		13100

243173	396692 - 8398484	Ramaí Norte; 50m al Norte de la anterior; estructura E-W/60W; 25m de largo; 1.5m de ancho; chips 5m; roca brechosa oxidada requemada.	36.8	18200	1.82	6800
243174	396925 - 8398448	40m al Oeste de la primera estructura (172), similar a anteriores; chips de 3m.	47.4	5380		12400
243175	396877 - 8398477	Similar a anteriores; en ladera con dirección al cerro grande (Oeste) al final superior de la estructura, 25m de afloramiento orientada N80W; chips 3m.	7.8	4870		13300
243176	396636 - 8398735	Hacia el otro lado del cerro grande; conglomerado rojizo café, encima de las areniscas estratos subhorizontales poco oxidados, no hay mineralización, roca de poco interés.	3.5	1115		2740
243177	397643 - 8398323	Estructura que sigue el rumbo de la estructura donde se muestreo 137-138-140, y que sigue una dirección N55W/60NE. Roca con esfalerita mas galena; 50m al Oeste de 177, se continua unos 25m mas hacia la hondonada, muestra de interés.	36.1	5830		11700

PROYECTO MINERO "PRINCESA"

PUNO - AZANGARO

REGISTRO DE MUESTRAS DE ROCAS (EXPLORACIÓN)

MUESTRA #	ESTE	NORTE	TIPO	DESCRIPCCION	Ag (ppm)	Pb(ppm)	Pb (%)	Zn (ppm)
OJO -01	396995	8398484	Chips (3 mt2)	Labor minera, que sigue rumbo de estructura Crestonada Oeste (tunel 30 mt de long; 2mt de alto y 1mt de ancho) , azimuth 95º, dique brechado, de 1 mt de potencia, orientada 80º / 70º NW, (Sph-Glna-Msph -Ba y oxidos).	27.8	4600		8630
OJO - 02	397252	8398250	Chips (3 mt2)	Trinchera antigua con rumbo 75º, 18 mt de long, 2 mt de alto. Brecha con Sph-Glna-Ba; hematitizacion.	9.2	5430		8800
OJO - 03	397260	8398244	Chips (3 mt2)	Trinchera antigua con rumbo 85º, 13 mt de long, 2 mt de alto. Brecha mineralizada, Sph-Glna-Ba; limonitizacion.	**102**	**39800**	3.98	**25000**
OJO - 04	397244	8398244	Chips (3 mt2)	Trinchera antigua.con rumbo 85º, 25 m de long, 2.5 m de alto, 1.5 mt de ancho. Brecha mineralizada, Sph-Glna-Msph-Ba; limonitizacion.	5.5	1405		4660
OJO - 05	397318	8398154	Chips (3 mt2)	Labor antigua, orientada 100º, (tunel de 20 mt de long, 5 mt de alto 1.7 mt de ancho. Bx con Glna-Ba-Sph, oxidación y localmente sulfatización.	0.7	458		874
OJO - 06	397338	8398150	Chips (3 mt2)	Labor minera antigua, con rumbo 95º; 17 mt de long, 2 mt de alto 1,5 mt de ancho. Brecha comglomeratica, (Glna-Ba-Hidrocincita, oxidos) .	53.4	**13100**	1.31	2770
OJO - 07	397404	8398124	Chips (3 mt2)	Labor minera antigua, orientada 125º, vertical; 5 m de long, 2 m de alto; 1,5 m de ancho. Estructura brechada; Glna, Ba, limonitización..	**240**	**19700**	1.97	3430
OJO - 08	397094	8398446	Chips en escombrera	Escombrera material de tunel aledaño, oxidado, brechoso, minerales de Glna-Ba-Sph?, altamente limonitizado.	38.4	**20000**	2.00	**11100**
OJO - 09	397074	8398456	Chips (3 mt2)	Zona oxidada con rumbo 120º, a 20 m de crestón principal; material Conglomerado de poca densidad; no se observa	1.6	474		8990

				mineral de interès.				
OJO -10	397017	8398496	Chips en escombrera	Escombrera de 20 m2; material de tunel (M- ojo 01); mineralizacion: (marmatita, galena, hematita, marcasita, oxidos).	45.8	**23800**	2.38	3660
OJO - 11	396952	8398446	Chips (3 mt2)	Estructura brechada,orientadao 110º / 70º NE; 100 m de long, 10 m de potencia, 2 m de alto. Zona oxidada, con Ba-Sph.	74.1	**21300**	2.13	**12300**
OJO - 12	397083	8398526	Chips de escombrera	Escombrera dentro de àrea de 40 mt2, (mineral muestreado de manera exclusiva:Marcasita);,alta limonitización.	76.9	3900		**15300**
OJO -13	397388	8398136	Chips (2 mt2)	Trinchera antigua orientada 290º / 85º SW, Arenisca y brecha cong.; veta de 10 cm, Glna-Ba, limonitizado. Antes muestra WP-147 con 8 oz Ag.	**374**	**19800**	1.98	1605
OJO -14	397444	8398102	Chips (3 mt2)	Estructura brechada orientada 100º / 70º SW, que se extiende 200 mt al SE. Arenisca y brecha conglomeratica; muestra tomada en superficie, altamente sulfatado y limonitizado.	**78**	**19400**	1.94	2330
OJO - 15	397180	8398260	Chips (1 mt2)	Trinchera antigua, long 4 m, 1 m de altura y ancho 1.5 m; dique brechado orientado 100º / 50º NE; muestra recogida. en la parte baja del frente de trinchera de 0,60 m de ancho; ocurrencia de Glna-Msph-Sph-Py., .	**188**	**62400**	6.24	**25800**
OJO - 16	397211	8398388	Chips (3 mt2)	Estructura brechada (crestón), 100 m aprox. de long; 8 mt de ancho; orientación 110º / 55º NE. Tomada superficialmente, altamente limonitizado. Localmente baritina.	**18**	**17500**	1.75	9020
OJO - 17	397174	8398422	Chips en escombrera	Escombrera con area de 5 m2; extraida de tunel en estructura principal. (crestón); Presencia de Glna-Sph-Ba, material limonitizado.	**68**	**44800**	4.48	6630
OJO - 18	397258	8398382	Chips (frente del tunel)	Labor minera que corta a crestón principal (parte frontal de tunel 12 m de largo orientado 25º). Arenisca brechada limonitizada	11.1	7000		4160
OJO - 19	397402	8398370	Chips (6 mt2)	Labor minera (zanjon) con rumbo 280º. Arenisca ferrosa. No se observa mineral metálico de interés, presencia de Ba, hematita..	**72**	**42400**	4.24	3250
OJO - 20	397083	8398526	Chips en escombrera	Escombrera en un area de 40 m;, mineral limonitizado con presencia de marcasita, esfalerita ferrosa y baritina.	21.7	7180		5520

OJO - 21	397258	8398374	Canal de 2mt x 20cm	Labor que corta estructura crestonada principal (tunel de 12 mt y 1.5 de ancho), azimuth 200º material brechado oxidado, no se observa mineral de interés, Baritina y hematita (muestra 1).	72.9	**16400**	1.64	**11400**
OJO - 22	397258	8398374	Canal de 2mt x 20cm	Labor que corta estructura crestonada principal (tunel de 12 mt y 1.5 de ancho), azimuth 200º material brechado oxidado, no se observa mineral de interés, Baritina y hematita (muestra 2).	83.8	9480		**10900**
OJO - 23	397258	8398374	Canal de 2mt x 20cm	Labor que corta estructura crestonada principal (tunel de 12 mt y 1.5 de ancho), azimuth 200º material brechado oxidado, no se observa mineral de interés, Baritina y hematita (muestra 3).	58.8	**10600**	1.06	5550
OJO - 24	397258	8398374	Canal de 2mt x 20cm	Labor que corta estructura crestonada principal (tunel de 12 mt y 1.5 de ancho), azimuth 200º; material arenisca friable; no se observa mineral de interés, (muestra 4).	11.3	7830		3060
OJO - 25	397258	8398374	Canal de 2mt x 20cm	Labor que corta estructura crestonada principal (tunel de 12 mt y 1.5 de ancho), azimuth 200º material brechado oxidado y arenisca frable, no se observa mineral de interés, (muestra 5).	4.6	5080		1915
OJO - 26	397402	8398370	Chips (2 m 2)	Labor minera de 8 mt de largo, con rumbo 280º, tomada en pared de estructura crestonada. Brecha limonitizada (hematita), presencia de Ba.	51.8	**39500**	3.95	2860
OJO - 27	397727	8397950	panel de 2m2	Labor minera (trinchera) en afloramiento de caliza parcialmente oxidada; se observa minerales de galena, calcita, baritina y minerales ferrosos. Drusas de calcita frecuentes.	**1500**	**48400**	4.84	**86900**
OJO - 28	397476	8398356	Chips (4 m2)	Tomada del frente de tunel orientado a 300º con tendencia a cortar estructura crestonada; presenta una alteracion ferrica de color rojo bermellón. Se observa minerales de marcasita, baritina y gohetita.	58.8	**91300**	9.13	1575
OJO - 29	397487	8398396	Chips (4 mt2)	Tomada de trinchera (Zanjón). en estructura crestonada, la roca presenta matriz conglomeratica rojiza y una alta oxidacion férrica. No se observa minerales de interés	64.1	**70400**	7.04	1345
OJO - 30	397467	8398382	Chips (2 mt2)	Tomada en zanjón, en estructura principal a 20 m al SW de anterior muestra, muestra exclusiva de argilita, aledaña a estructura principal ferrosa: no se observa minerales de interés.	17.9	5650		775

OJO - 31	396326	8398598	Chips (4 mt2)	Tomada en una colina pequeña. Afloramiento de arenisca con niveles conglomeraticos altamente oxidados; no se observa minerales de interés, material con alta densidad.	47.6	**29300**	2.93	6340
OJO - 32	397462	8398378	Chips (6 mt2)	Tomada de zanjon , aledaña y a 3 m al SW de muestra 30. Estructura oxidada de color rojo bermellòn, se observa minerales como baritina y gohetita; sin presencia de minerales	**123**	**64000**	6.40	1225
OJO - 33	397572	8398424	Chips (4 mt2)	Tomada en la parte baja del zanjon, en pared de falla con orientacion 70º/75º NW . La roca caja es arenisca, presenta alteracion ferrica (limonita). no se observa minerles de interés.	**433**	**44700**	4.47	2850
OJO - 34	397074	8398462	Chips (1mt2)	Tomada en trinchera (zanja de 3m de largo, con orientacion 190º), posible continuacion de dique principal misma estructura: afloramiento de 1mt. Presencia de limonita, matriz silicea gris plomiza, diseminacion de Py +MPy; anteriormente se tomo la muestra "ojo 8" superficialmente.	8.1	8490		**13300**
OJO - 35	397059	8398470	Chips (1mt2)	Tomada en trinchera, zanja de 2,5 m;, a 3mt de la muestra "ojo 9"; material gris,poco consolidado areno arcilloso, untuoso en paredes, presenta limonitizacion, diseminacion de Py+ MPy.	3.6	3830		**10700**
OJO - 36	396999	8398470	Canal de 2mt x 10cm	Labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, sulfatizacion superficial;**(Muestra 1; -0 -2 m)**	72.2	**11500**	1.15	**14000**
OJO - 37	396997	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, y trazas de galena; sulfatizacion superficial;**(Muestra 2; 2 - 4 m)**	98.4	**25700**	2.57	**12600**
OJO - 38	396995	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, galena,sulfatizacion superficial;**(Muestra 3; -4 - 6 m)**	35.8	**13000**	1.3	6210
OJO - 39	396993	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, galena? Sphalerita? ;sulfatizacion superficial;**(Muestra 4; -6 -8 m)**	34.3	**11800**	1.18	8380

OJO - 40	396991	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, Sphalerita? ;sulfatizacion superficial;**(Muestra 5; -8 -10 m)**	15.4	7690		8330
OJO - 41	396989	8398470	Canal de 2mt x 10cm	Labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina, Sphalerita? ;**(Muestra 6; 10 - 12 m)**	**32**	4780		5470
OJO - 42	396987	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina; **(Muestra 7; 12 - 14 m)**	27.5	7680		6450
OJO - 43	396985	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, hematita, baritina; **Muestra 8; (14 - 16 m)**	54.9	6350		6690
OJO - 44	396983	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina;Sph; galena? **Muestra 9;(16 -18 m)**	39.7	6560		9300
OJO - 45	396981	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho); Material brechado, presencia de limonita, baritina;Sph; galena? **Muestra 10;(18-20 m)**	44.2	**11900**	1.19	6730
OJO - 46	396979	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho); Material brechado, presencia de limonita, baritina;Sph; galena? **Muestra 11;(20-22 m)**	21.9	6120		9270
OJO - 47	396977	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina;Sph; galena? **Muestra 12;(22-24 m)**	**48**	9570		**11500**
OJO - 48	396975	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina; galena; vetillas de marmatita (Sph) orientadas 270ª/60ªN; **Muestra 13;(24 -26 m)**	29.1	**13200**	1.32	**11300**

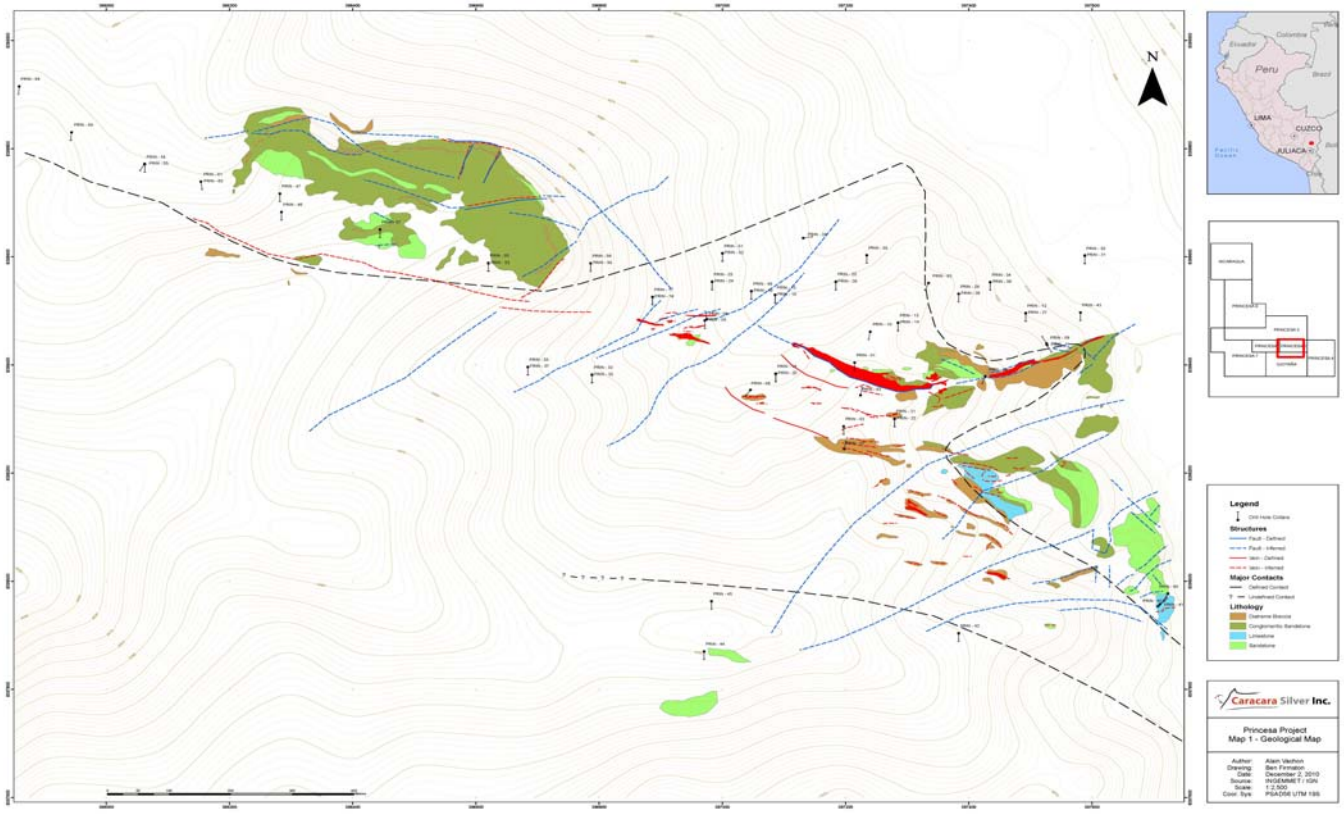
OJO - 49	396973	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina; galena; vetillas de marmatita (Sph) orientadas 270ª/60ªN; **Muestra 14;(26 -28 m)**	18.4	8040		**11100**
OJO - 50	396971	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina; galena; vetillas de marmatita (Sph) orientadas 270ª/60ªN; **Muestra 15;(28 -30 m)**	**19**	**15000**	1.50	9750
OJO - 51	396969	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina; galena; vetillas de marmatita (Sph) orientadas 270ª/60ªN; **Muestra 16;(30 -32 m)**. Alto S	15.8	**17400**	1.74	**10900**
OJO - 52	396967	8398470	Canal de 2mt x 10cm	Tomada en labor minera que sigue el rumbo de estructura crestonada oeste (tunel 34m de largo. X 1,5m de ancho), ; Material brechado, presencia de limonita, baritina; galena; vetillas de marmatita (Sph) orientadas 270ª/60ªN; **Muestra 17;(32 -34 m)**. Alto S	24.9	**76300**	7.63	7130
OJO - 53	396967	8398468	Canal de 2,4mt x 10cm	Tomada en labor minera antigua (tunel 34mt. X 1,5mt), **transversal al tunel principal**, material brechado altamente oxidado. No se observa minerales de interès; a 4.5 m de entrada de túnel.	11.6	7230		**17800**
OJO - 54	397088	9398370	Chips (3 mt2)	Tomada de trinchera reciente, material altamente oxidado, presencia de baritina; no se observa minerales de interés.	72.9	7690		**16200**
OJO - 55	396938	8398480	Chips (2 m2)	Brecha conglomerática oxidada, presenta baririna cristalizada, no se observa minerales de interes. Tomada al NW del tunel W.	3.1	4160		8180
OJO - 56	397728	8397968	Chips compósito	Afloramiento de caliza, gris blanquecina; labor minera antigua, presenta fractura oxidada con orientacion 280º. No se observa minerales de interés.	2.8	1745		5460
OJO - 57	397735	8397940	Chips compósito	Extraida a 20 m al SW de la muestra anterior; caliza con vetillas de oxido de hierro, no se observa minerales de interés.	1.1	166		1915
OJO - 58	397729	8397902	Chips compósito	Caliza gris pardusca oxidada, presenta vetillas de calcita, no se observa minerales de interés. Tomada a 15 m al SW de la muestra anterior.	0.2	39		149

OJO - 59	397680	8397912	Chips compósito	Material altamente oxidado, extraida a 40 m al SW del afloramiento de caliza. No se observa minerales de interés.	5.2	2980		1905
OJO - 60	397478	8398090	Chips (2 m2)	Labor minera antigua. Conglomerado oxidado, clastos mineralizados con galena; anteriormente se tomó una muestra con codigo 243164(WP).	25.2	4700		6950
OJO - 61	397164	8398320	Chips (2 m2)	Trinchera reciente, conglomerado oxidado con presencia de marcasita, pirita y baritina, extraida al oeste del pozo de perforacion PRIN 2.	28.8	4220		**10300**
OJO - 62	397075	8398358	Chips compósito	Arenisca brechada con abundante oxido de manganeso y hierro, trinchera de 50 cm de profundidad, a 10m al sur del pozo PRIN 6.	11.5	1700		**10300**
OJO - 63	397629	8397918	Chips de 3 m	Dique brechado oxidado con presencia de baritina. Se observa una estructura oxidada rumbo 95º ubicada al SW del afloramiento de calizas.	7	3570		630
OJO - 64	396928	8398452	Chips de 1m2	Brecha conglomerática con bastante oxido de hierro y manganeso, se observa vetillas de galena y baritina cristalizada. Extraida de ultimas estructura hacia el SW.	91.6	**11400**	1.14	**13300**
OJO - 65	397536	8398428	Chips de 2m2	Roca brechada argilitizada y oxidada, presenta oxido de hierro y manganeso, no se observa minerales de interes. Tomada en trinchera antigua, a 5 m al sur del pozo PRIN 9.	6.7	6310		2850
OJO - 66	397543	8398506	Chips de 2m3	Labor minera antigua reabierta; material conglomerado brechado oxidado, contiene baritina sin presencia de minerales de interes. Se tomó en los primeros tramos de la carretera que sube a las labores mineras.	87.2	**25500**	2.55	**11100**
OJO - 67	396925	8398452	Chips de 3m2	Muestra de afloramiento material brechado, misma estructura de creston oeste; Lim+, presencia de galena diseminada, Tr baritina y manganeso.	17.2	6990		9250
OJO - 68	397338	8398118	Chips de 2m2	Trinchera que sigue estructura de muestra 145, con direccion de 135º, conglomerado brechado; Limonitizado con presencia de manganeso.	**31**	**32500**	3.25	7090
OJO - 69	397318	8398154	Chips de 2m2	Labor minera antigua (tunel 15m) orientado 105º, conglomerado poco brechado, tomada al fondo del tunel; Limonitizado, imperceptible contenido de mineralizacion, anterior muestra OJO - 05.	1.6	1600		3680
OJO - 70	397501	8398074	Chips de 1m2	Pequeña trinchera superficial, conglomerado poco brechado; Limonitizado, imperceptible contenido de mineralización, denota ligero peso especifico.	5.1	1520		1550

OJO - 71	396326	8398594	Chips de 2m2	Tomada al costado de labor antigua ; arenisca conglomerática, se observa galena y óxidos de hierro	16.8	**19600**	1.96	4960
OJO - 72	396323	8398562	Chips de 2m2	Afloramiento de 8 m2, la roca encajante es conglomerado brechado, limonitizado. No se observa minerales de interés.	13.2	1425		2640
OJO - 73	396452	83985474	Chip compósito de 10m	Afloramiento brechado de 50 mt de longitud por 1 mt de ancho (crestón pequeño que sigue la misma dirección de la veta norka), la roca encajante es arenisca ligeramente brechada. No se observa minerales de interés.	46.5	4650		662
OJO - 74	397060	8398382	Chips de 2m	Arenisca brechada lim con Ba y Mn, a 30 m al Norte de PRIN-06	3.6	4100		6950
OJO - 75	387681	8397914	Chips de 1m	Muestra tomada en trinchera nueva de donde se tomo OJO-59. Material altamente limonitizado, no se observa minerales de interés.	9.6	4490		2190
OJO - 76	386484	8398560	Chip compósito de 9m2	Creston pequeño situado al oeste de estructuras principales, probable continuación de estructura OJO 73, en veta Norca, arenisca brechada, oxidada , se aprecia baritina.	20	13900	1.39	1840
OJO - 77	396347	8398588	Chip compósito de 10m	Pequeño afloramiento situado en la misma zona que la anterior muestra. Arenisca ligeramente oxidada. sin presencia de minerales de interés:	74.3	2960		628
OJO - 78	396347	8398560	Chips de 2m2	Extraida en la misma zona que la anterior muestra.sería la continuación de estructura de la muestra OJO 72; Arenisca lig. brechada y oxidada; estratos orientados 120/20ºSW; no se observa minerales de interés.	14.8	18700	1.87	**10500**
OJO - 79	396662	8398470	Compósito	Rodados de Arenisca brechada limonitizada ; laderas de cerro Ojotaña	62.2	**4750**		**10300**
OJO - 80	396294	8399168	Chips de 3m; varios niveles	Labores mineras al NW de Princesa:Al parecer zonas de fallas dento del Conglomerado Moho	2.9	**3450**		2050
OJO - 81	397620	8398290	Chip compósito de 4m2	Cresta de cerro donde aflora areniscas Huancané; en medio de las areniscas cuarzosas ; Hito PP-7	38.9	11300	1.13	5840

MAP 1

GEOLOGICAL MAP



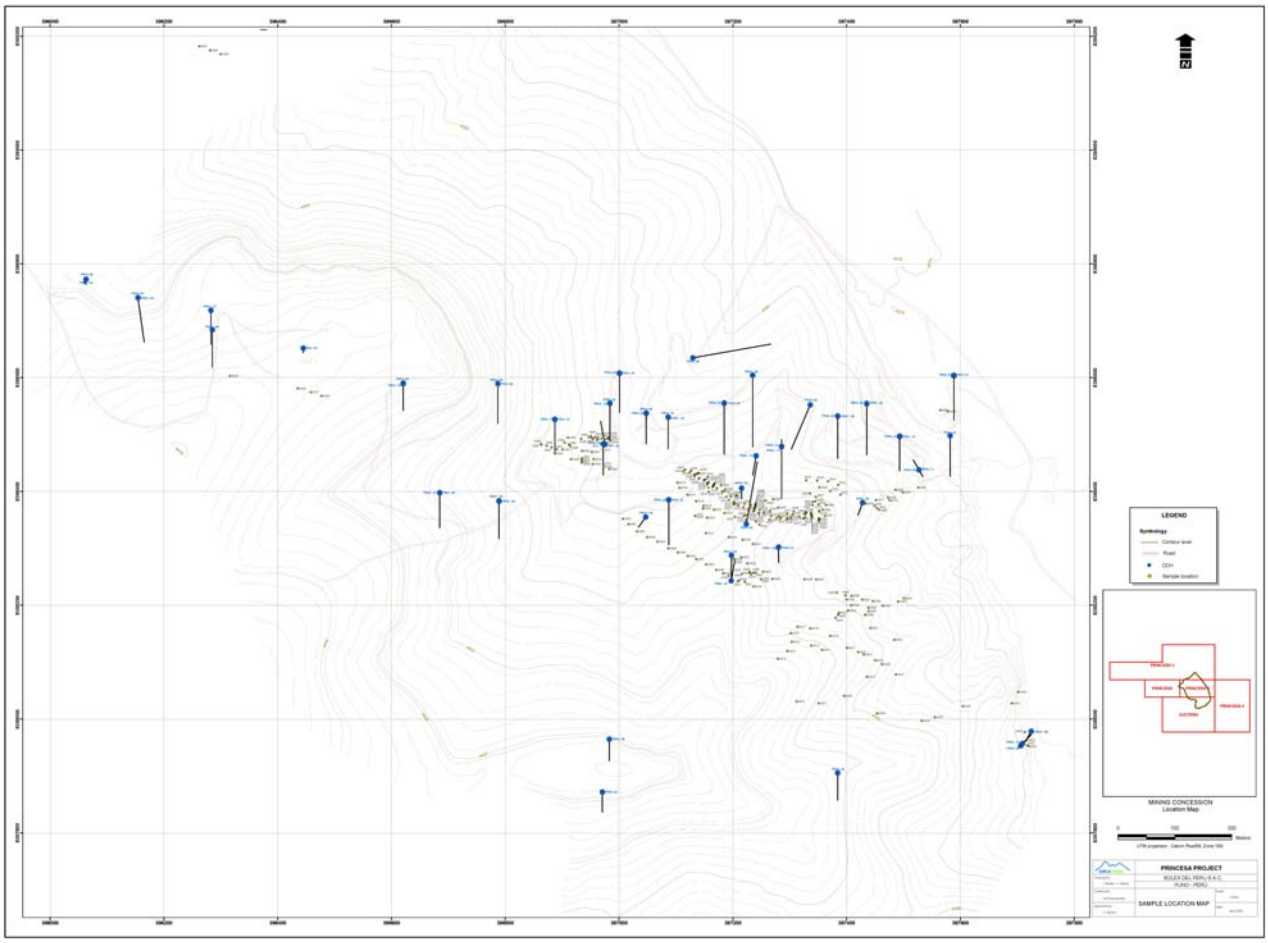
MAP 1: GEOLOGICAL MAP

MAP 2

LONGITUDINAL SECTION OF THE PRINCESA VEIN

MAP 3

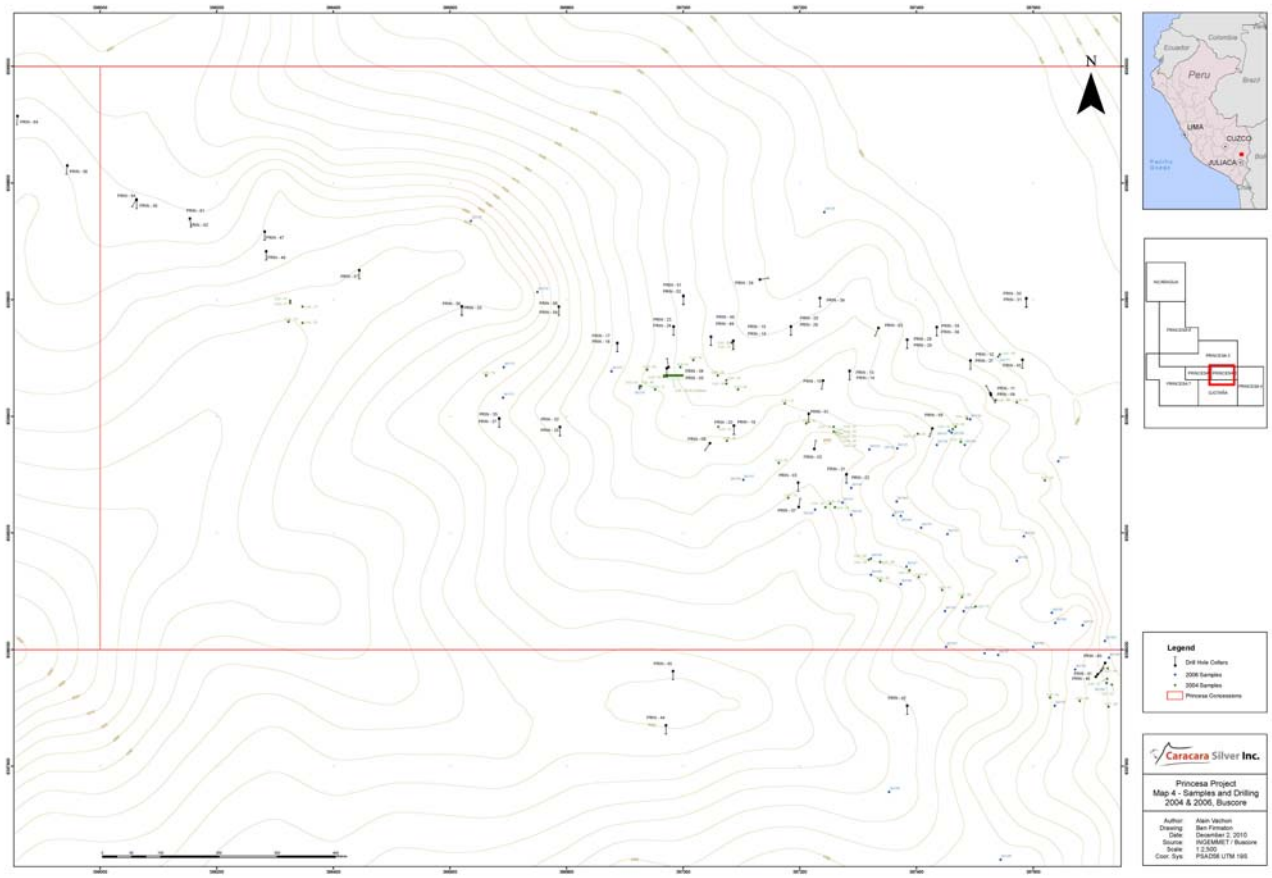
EXPLOANDES SAMPLE LOCATION MAP



MAP 3: EXPLOANDES SAMPLE LOCATION MAP

MAP 4

BUSCORE SAMPLE LOCATION MAP



MAP 4: BUSCORE SAMPLE LOCATION MAP