TISDALE RESOURCES CORP.

NOTICE OF ANNUAL GENERAL AND SPECIAL MEETING OF SHAREHOLDERS TO BE HELD ON JANUARY 24, 2019

AND

MANAGEMENT INFORMATION CIRCULAR

DATED: DECEMBER 18, 2018

Suite 2200, HSBC Building 885 West Georgia Street Vancouver, British Columbia, V6C 3E8, Canada

NOTICE OF ANNUAL GENERAL AND SPECIAL MEETING

NOTICE IS HEREBY GIVEN that the Annual General and Special Meeting (the "**Meeting**") of the shareholders of Tisdale Resources Corp. (the "**Company**") will be held on **Thursday, January 24, 2019** at 10:00 a.m. (Vancouver time) at Suite 2200, HSBC Building, 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8 for the following purposes:

- 1. To receive and consider the audited financial statements of the Company for the financial years ended December 31, 2015, 2016 and 2017, and the auditor's reports thereon.
- 2. To re-appoint Dale Matheson Carr-Hilton Laborte LLP, Chartered Professional Accountants, as the Company's auditor for the ensuing year, at a remuneration to be fixed by the Directors.
- 3. To set the number of Directors for the ensuing year at three (3).
- 4. To elect Directors to hold office for the ensuing year.
- 5. To re-approve the Company's stock option plan, as set out under the heading the "Stock Option Plan" in the attached Information Circular.
- 6. To transact such other business as may properly be transacted at the Meeting or at any adjournment thereof.

An information circular accompanies this notice and contains details of matters to be considered at the Meeting.

A shareholder who is unable to attend the Meeting in person and who wishes to ensure that such shareholder's shares will be voted at the Meeting is requested to complete, date and sign the enclosed form of proxy and deliver it in accordance with the instructions set out in the form of proxy and in the information circular.

As set out in the notes, the enclosed proxy is solicited by management, but, you may amend it, if you so desire, by striking out the names listed therein and inserting in the space provided, the name of the person you wish to represent you at the Meeting.

DATED at Vancouver, British Columbia, this 18th day of December, 2018

By order of the Board of Directors.

TISDALE RESOURCES CORP.

/s/ "Richard Grayston"

Richard Grayston Director and Chief Executive Officer

Suite 2200, HSBC Building 885 West Georgia Street Vancouver, British Columbia, V6C 3E8, Canada

MANAGEMENT INFORMATION CIRCULAR

(containing information as at December 18, 2018 unless otherwise stated)

SOLICITATION OF PROXIES

This Information Circular (the "Circular") is furnished in connection with the solicitation of proxies by management of Tisdale Resources Corp. (the "Company"), for use at the annual general and special meeting (the "Meeting") of the shareholders ("Shareholders") of the Company to be held on January 24, 2019, at the time and place and for the purposes set forth in the accompanying Notice of Meeting and at any adjournment thereof.

The enclosed form of proxy (the "**Proxy**") is solicited by Management. The solicitation will be primarily by mail, however, proxies may be solicited personally or by telephone by the regular officers and employees of the Company. The cost of solicitation will be borne by the Company.

APPOINTMENT OF PROXYHOLDERS

The persons named in the Proxy are representatives of the Company.

A Shareholder entitled to vote at the Meeting has the right to appoint a person (who need not be a Shareholder) to attend and act on the Shareholder's behalf at the Meeting other than the persons named in the accompanying form of proxy. To exercise this right, a Shareholder shall strike out the names of the persons named in the accompanying form of proxy and insert the name of the Shareholder's nominee in the blank space provided, or complete another suitable form of proxy.

VOTING BY PROXYHOLDER

Manner of Voting

The common shares represented by the Proxy will be voted or withheld from voting in accordance with the instructions of the Shareholder on any ballot that may be called for and, if the Shareholder specifies a choice on the Proxy with respect to any matter to be acted upon, the shares will be voted accordingly. On any poll, the persons named in the Proxy (the "**Proxyholders**") will vote the shares in respect of which they are appointed. Where directions are given by the Shareholder in respect of voting for or against any resolution, the Proxyholder will do so in accordance with such direction.

The Proxy, when properly signed, confers discretionary authority on the Proxyholder with respect to amendments or variations to the matters which may properly be brought before the Meeting. At the time of printing this Circular, Management is not aware that any such amendments, variations or other matters are to be presented for action at the Meeting. However, if any other matters which are not now known to Management should properly come before the Meeting, the proxies hereby solicited will be exercised on such matters in accordance with the best judgment of the Proxyholder.

In the absence of instructions to the contrary, the Proxyholders intend to vote the common shares represented by each Proxy, properly executed, in favour of the motions proposed to be made at the Meeting as stated under the headings in this Circular.

Revocation of Proxy

A Shareholder who has given a Proxy may revoke it at any time before it is exercised. In addition to revocation in any other manner permitted by law, a Proxy may be revoked by instrument in writing executed by the Shareholder

or by his or her attorney authorized in writing, or, if the Shareholder is a corporation, it must either be under its common seal or signed by a duly authorized officer and deposited by hand with the Company's registrar and transfer agent, Odyssey Trust Company ("**Odyssey**") by hand or mail at United Kingdom Building, 323 – 409 Granville Street, Vancouver, British Columbia, V6C 1T2, or by fax within North America at 1-800-517-4553 or by email at proxy@odysseytrust.com at any time up to and including the last business day preceding the day of the Meeting, or any adjournment of it, at which the proxy is to be used, or to the Chair of the Meeting on the day of the Meeting or any adjournment of it. A revocation of a Proxy does not affect any matter on which a vote has been taken prior to the revocation.

Voting Thresholds Required for Approval

In order to approve a motion proposed at the Meeting, a majority of not less than one-half of the votes cast will be required (an "**Ordinary Resolution**") unless the motion requires a special resolution (a "**Special Resolution**"), in which case a majority of not less than two-thirds of the votes cast will be required. In the event a motion proposed at the Meeting requires disinterested Shareholder approval, common shares held by Shareholders of the Company who are also "insiders", as such term is defined under applicable securities laws, will be excluded from the count of votes cast on such motion.

ADVICE TO REGISTERED SHAREHOLDERS

Shareholders whose names appear on the records of the Company as the registered holders of common shares in the capital of the Company (the "**Registered Shareholders**") may choose to vote by proxy whether or not they are able to attend the Meeting in person.

Registered Shareholders who choose to submit a Proxy may do so by completing, signing, dating and depositing the Proxy with Odyssey, by hand or mail at United Kingdom Building, 323 – 409 Granville Street, Vancouver, British Columbia, V6C 1T2, or by fax within North America at 1-800-517-4553 or by email at proxy@odysseytrust.com, not less than 48 hours (excluding Saturdays, Sundays and holidays) before the time of the Meeting or any adjournment thereof. The Proxy may be signed by the Shareholder or by his or her attorney in writing, or, if the Registered Shareholder is a corporation, it must either be under its common seal or signed by a duly authorized officer.

ADVICE TO BENEFICIAL SHAREHOLDERS

The information set forth in this section is of significant importance to many Shareholders as a substantial number of Shareholders do not hold shares in their own name.

Shareholders who do not hold their shares in their own name (the "**Beneficial Shareholders**") should note that only proxies deposited by Registered Shareholders can be recognized and acted upon at the Meeting.

If shares are listed in an account statement provided to a Shareholder by an intermediary, such as a brokerage firm, then, in almost all cases, those shares will not be registered in the Shareholder's name on the records of the Company. Such shares will more likely be registered under the name of the Shareholder's intermediary or an agent of that intermediary, and consequently the Shareholder will be a Beneficial Shareholder. In Canada, the vast majority of such shares are registered under the name CDS & Co. (being the registration name for the Canadian Depositary for Securities, which acts as nominee for many Canadian brokerage firms). The shares held by intermediaries or their agents or nominees can only be voted (for or against resolutions) upon the instructions of the Beneficial Shareholder. Without specific instructions, an intermediary and its agents are prohibited from voting shares for the intermediary's clients. Therefore, Beneficial Shareholders should ensure that instructions respecting the voting of their shares are communicated to the appropriate person.

These proxy-related materials are being sent to both Registered Shareholders and Beneficial Shareholders of the Company. If you are a Beneficial Shareholder and the Company or its agent has sent these materials directly to you, your name and address and information about your holdings of securities have been obtained in accordance with applicable securities regulatory requirements from the intermediary holding on your behalf. In this event, by choosing to send these materials to you directly, the Company (and not the intermediary holding on your behalf) has assumed responsibility for (i) delivering these materials to you; and (ii) executing your proper voting instructions. Please return your voting instructions as specified in the request for voting instructions.

Although Beneficial Shareholders may not be recognized directly at the Meeting for the purpose of voting shares registered in the name of their broker, agent or nominee, a Beneficial Shareholder may attend the Meeting as a Proxyholder for a Registered Shareholder and vote their shares in that capacity. Beneficial Shareholders who wish to attend the Meeting and indirectly vote their shares as Proxyholder for a Registered Shareholder should contact their broker, agent or nominee well in advance of the Meeting to determine the steps necessary to permit them to indirectly vote their shares as a Proxyholder.

There are two kinds of Beneficial Shareholders, those who object to their name being made known to the issuers of securities that they own ("**OBOs**" for Objecting Beneficial Owners) and those who do not object to the issuers of the securities they own knowing who they are ("**NOBOs**" for Non-Objecting Beneficial Owners).

Non-Objecting Beneficial Owners

Pursuant to National Instrument 54-101 – Communication with Beneficial Owners of Securities of a Reporting Issuer ("**NI 54-101**"), issuers can obtain a list of their NOBOs from intermediaries for distribution of proxy-related materials directly to NOBOs. This year, the Company will rely on those provisions of NI 54-101 that permit it to directly deliver proxy-related materials to its NOBOs. As a result, NOBOs can expect to receive a scannable voting instruction form ("**VIF**") from the Company's transfer agent, Odyssey. These VIFs are to be completed and returned to Odyssey in the envelope provided or by facsimile. In addition, Odyssey provides both telephone voting and internet voting as described on the VIF itself which contains complete instructions. Odyssey will tabulate the results of the VIFs received from NOBOs and will provide appropriate instructions at the Meeting with respect to the shares represented by the VIFs they receive.

If you are a Beneficial Shareholder and the Company or its agent has sent these proxy-related materials to you directly, please be advised that your name, address and information about your holdings of securities have been obtained in accordance with applicable securities regulatory requirements from the intermediary holding your securities on your behalf. By choosing to send these proxy-related materials to you directly, the Company (and not the intermediaries holding securities your behalf) has assumed responsibility for (i) delivering the proxy-related materials to you and (ii) executing your proper voting instructions as specified in the VIF.

Objecting Beneficial Owners

Beneficial Shareholders who are OBOs should follow the instructions of their intermediary carefully to ensure that their shares are voted at the Meeting.

Applicable regulatory rules require intermediaries to seek voting instructions from OBOs in advance of Shareholders' meetings. Every intermediary has its own mailing procedures and provides its own return instructions to clients, which should be carefully followed by OBOs in order to ensure that their shares are voted at the Meeting. The purpose of the form of proxy or voting instruction form provided to an OBO by its broker, agent or nominee is limited to instructing the registered holder of the shares on how to vote such shares on behalf of the OBO.

The form of proxy provided to OBOs by intermediaries will be similar to the Proxy provided to Registered Shareholders. However, its purpose is limited to instructing the intermediary on how to vote your shares on your behalf. The majority of intermediaries now delegate responsibility for obtaining instructions from OBOs to Broadridge Investor Communications ("**Broadridge**"). Broadridge typically supplies voting instruction forms, mails those forms to OBOs, and asks those OBOs to return the forms to Broadridge or follow specific telephonic or other voting procedures. Broadridge then tabulates the results of all instructions received by it and provides appropriate instructions respecting the voting of the shares to be represented at the meeting. An OBO receiving a voting instruction form from Broadridge cannot use that form to vote shares directly at the Meeting. Instead, the voting instruction form must be returned to Broadridge or the alternate voting procedures must be completed well in advance of the Meeting in order to ensure that such shares are voted.

INTEREST OF CERTAIN PERSONS OR COMPANIES IN MATTERS TO BE ACTED UPON

Except as otherwise disclosed herein, none of the directors ("**Directors**") or officers ("**Officers**") of the Company, at any time since the beginning of the Company's last financial year, nor any proposed nominee for election as a Director, or any associate or affiliate of the foregoing persons, has any material interest, direct or indirect, by way of beneficial ownership of securities or otherwise, in any matters to be acted upon at the Meeting exclusive of the election of Directors or the appointment of auditors.

RECORD DATE, VOTING SHARES AND PRINCIPAL HOLDERS THEREOF

A Shareholder of record at the close of business on December 18, 2018 (the "**Record Date**") who either personally attends the Meeting or who has completed and delivered a proxy in the manner and subject to the provisions described above, shall be entitled to vote or to have such shareholder's shares voted at the Meeting, or any adjournment thereof.

The Company's authorized capital consists of an unlimited number of common shares (the "**Common Shares**") without par value and an unlimited number of preferred shares ("**Preferred Shares**"), without par value. As at the Record Date, the Company has 10,923,491 Common Shares issued and outstanding, with each share carrying the right to one vote. As at the Record Date, no Preferred Shares are outstanding.

Principal Holders of Voting Securities

To the knowledge of the Directors and senior officers of the Company, as of the date of this Circular, no person owns, directs, or controls, directly or indirectly, 10% or more of the issued and outstanding Common Shares of the Company.

EXECUTIVE COMPENSATION

Statement of Executive Compensation

Named Executive Officers

For the purposes of this Circular, a Named Executive Officer ("**NEO**") of the Company means each of the following individuals:

- a) the chief executive officer ("**CEO**") of the Company;
- b) the chief financial officer ("CFO") of the Company;
- c) the most highly compensated executive officer, other than the CEO and CFO, who was serving as an executive officer at the end of the most recently completed financial year and whose total compensation was more than \$150,000; and
- d) each individual who would be an NEO under paragraph (c) above but for the fact that the individual was neither an executive officer of the Company, nor acting in a similar capacity, at the end of the most recently completed financial year.

The following information regarding executive compensation is presented in accordance with National Instrument Form 51-102F6V – *Statement of Executive Compensation*, and sets forth compensation for each of Tim Fernback, former Chief Executive Officer and a former director of the Company, Marco Parente, former CFO and a former director of the Company (together the "**NEOs**"), Anthony Jackson and Ryan Cheung, former directors of the Company (the "**Directors**").

Director and NEO Compensation, Excluding Options and Compensation Securities

The following table sets out all compensation paid, payable, awarded, granted, given, or otherwise provided, directly or indirectly, by the Company to each NEO, in any capacity, and each Director, for the three most recently completed financial years ending December 31, 2015, 2016 and 2017:

Table of Compensation Excluding Compensation Securities								
Name and position	Year ⁽¹⁾	Salary, consulting fee, retainer or commission (\$)	Bonus (\$)	Committee or meeting fees (\$)	Value of perquisites	Pension value (\$)	Value of all other compensation (\$)	Total compensation (\$)
Tim Fernback ⁽²⁾ President, CEO, Secretary and Director	2017	32,000	Nil	Nil	Nil	Nil	Nil	32,000
	2016	7,000	Nil	Nil	Nil	Nil	Nil	7,000
	2015	21,000	Nil	Nil	Nil	Nil	Nil	21,000
Marco Parente ⁽³⁾ CFO and	2017	2,000	Nil	Nil	Nil	Nil	Nil	2,000
	2016	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Director	2015	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	2017	11,000	Nil	Nil	Nil	Nil	Nil	11,000
Anthony Jackson ⁽⁴⁾ Director	2016	14,000	Nil	Nil	Nil	Nil	Nil	14,000
Director	2015	2,000	Nil	Nil	Nil	Nil	Nil	2,000
Ryan Cheung ⁽⁵⁾ Director	2017	2,000	Nil	Nil	Nil	Nil	Nil	2,000
	2016	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	2015	Nil	Nil	Nil	Nil	Nil	Nil	Nil

(1) Financial year ended December 31

(2) Mr. Fernback resigned as President, CEO, Secretary and a director of the Company on November 30, 2018.

(3) Mr. Parente resigned as CFO of the Company on November 30, 2018 and as a director of the Company on December 6, 2018.

(4) Mr. Jackson resigned as a director of the Company on November 30, 2018.

(5) Mr. Cheung resigned as a director of the Company on November 30, 2018.

Stock Options and Other Compensation Securities

The Company did not grant any stock options to NEOs or Directors of the Company during the most recently completed financial year ending December 31, 2017.

Exercise of Compensation Securities by Directors and NEOs

No NEO or Director of the Company exercised compensation securities in the most recently completed financial year ending December 31, 2017.

Stock Option Plans and Other Incentive Plans

The Company has adopted a stock option plan (the "**Option Plan**") pursuant to which the Board of Directors (the "**Board**") may grant options (the "**Options**") to purchase Common Shares of the Company to NEOs, Directors and employees of the Company or affiliated corporations and to consultants retained by the Company.

The purpose of the Option Plan is to attract, retain, and motivate NEOs, Directors, employees and other service providers by providing them with the opportunity, through options, to acquire an interest in the Company and benefit from the Company's growth. Under the Option Plan, the maximum number of Common Shares reserved for issuance, including Options currently outstanding, is equal to ten (10%) percent of the Shares outstanding from time to time (the "10% Maximum"). The 10% Maximum is an "evergreen" provision, meaning that, following the exercise, termination, cancellation or expiration of any Options, a number of Common Shares equivalent to the number of Options so exercised, terminated, cancelled or expired would automatically become reserved and available for issuance in respect of future Option grants.

The number of Common Shares which may be the subject of Options on a yearly basis to any one person cannot exceed five (5%) percent of the number of issued and outstanding Shares at the time of the grant. Options may be granted to any employee, Officer, Director, consultant, affiliate or subsidiary of the Company exercisable at a price which is not less than the market price of common shares of the Company on the date of the grant. The Directors of the Company may, by resolution, determine the time period during which any Option may be exercised (the "**Exercise Period**"), provided that the Exercise Period does not contravene any rule or regulation of such exchange on which the Common Shares may be listed. All Options will terminate on the earliest to occur of (a) the expiry of their term; (b) the date of termination of an optionee's employment, office or position as Director, if terminated for just cause; (c) ninety (90) days (or such other period of time as permitted by any rule or regulation of such exchange on which the Common Shares may be listed) following the date of termination of an optionee's disability or death; (d) thirty (30) days following the date of termination of an optionee's position as a consultant engaged in investor relations activities, if terminated for any reason other than the optionee's disability or death; (d) the date of any sale, transfer or assignment of the Option.

Options are non-assignable and are subject to early termination in the event of the death of a participant or in the event a participant ceases to be a NEO, Director, employee, consultant, affiliate, or subsidiary of the Company, as the case may be. Subject to the foregoing restrictions, and certain other restrictions set out in the Option Plan, the Board is authorized to provide for the granting of Options and the exercise and method of exercise of Options granted under the Option Plan.

There are presently no Options outstanding under the Option Plan.

Employment, Consulting and Management Agreements

Management functions of the Company are not, to any substantial degree, performed other than by Directors or NEOs of the Company. There are no agreements or arrangements that provide for compensation to NEOs or Directors of the Company, or that provide for payments to a NEO or Director at, following or in connection with any termination (whether voluntary, involuntary or constructive), resignation, retirement, severance, a change of control in the Company or a change in the NEO or Director's responsibilities.

Oversight and Description of Director and NEO Compensation

Compensation of Directors

Compensation of Directors of the Company is reviewed annually and determined by the Board. The level of compensation for Directors is determined after consideration of various relevant factors, including the expected

nature and quantity of duties and responsibilities, past performance, comparison with compensation paid by other issuers of comparable size and nature, and the availability of financial resources.

In the Board's view, there is, and has been, no need for the Company to design or implement a formal compensation program for Directors. While the Board considers Option grants to Directors under the Option Plan from time to time, the Board does not employ a prescribed methodology when determining the grant or allocation of Options. Other than the Option Plan, as discussed above, the Company does not offer any long term incentive plans, share compensation plans or any other such benefit programs for Directors.

Compensation of NEOs

Compensation of NEOs is reviewed annually and determined by the Board. The level of compensation for NEOs is determined after consideration of various relevant factors, including the expected nature and quantity of duties and responsibilities, past performance, comparison with compensation paid by other issuers of comparable size and nature, and the availability of financial resources. In the Board's view, there is, and has been, no need for the Company to design or implement a formal compensation program for NEOs.

Elements of NEO Compensation

As discussed above, the Company provides an Option Plan to motivate NEOs by providing them with the opportunity, through Options, to acquire an interest in the Company and benefit from the Company's growth. The Board does not employ a prescribed methodology when determining the grant or allocation of Options to NEOs. Other than the Option Plan, the Company does not offer any long term incentive plans, share compensation plans, retirement plans, pension plans, or any other such benefit programs for NEOs.

Pension Plan Benefits

No pension, retirement or deferred compensation plans, including defined contribution plans, have been instituted by the Company and none are proposed at this time.

SECURITIES AUTHORIZED FOR ISSUANCE UNDER EQUITY COMPENSATION PLANS

The following table sets out information with respect to all compensation plans under which equity securities are authorized for issuance as of December 31, 2017:

Equity Compensation Plan Information				
Plan Category	Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)	Weighted-average exercise price of outstanding options, warrants and rights (b)	Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) (c)	
Equity compensation plans approved by securityholders	N/A	N/A	1,036,990 ⁽¹⁾⁽²⁾	
Equity compensation plans not approved by securityholders	N/A	N/A	N/A	
Total	N/A	N/A	1,036,990 ⁽¹⁾⁽²⁾	

Represents the number of Common Shares available for issuance under the Option Plan, which reserves a number of Common Shares for issuance, pursuant to the exercise of Options that is equal to 10% of the issued and outstanding Common Shares from time to time.

(2) Reflects the 4:1 consolidation of capital effective November 15, 2018.

INDEBTEDNESS OF DIRECTORS AND EXECUTIVE OFFICERS

As of the date hereof, except as noted below and other than indebtedness that has been entirely repaid on or before the date of this information circular or "routine indebtedness", as that term is defined in Form 51-102F5 of National Instrument 51-102 – Continuous Disclosure Obligations, none of

- (a) the individuals who are, or at any time since the beginning of the last financial year of the Company were, a Director or Officer;
- (b) the proposed nominees for election as Directors; or
- (c) any associates of the foregoing persons,

is, or at any time since the beginning of the most recently completed financial year has been, indebted to the Company or any subsidiary of the Company (a "**Subsidiary**"), or is a person whose indebtedness to another entity is, or at any time since the beginning of the most recently completed financial year has been, the subject of a guarantee support agreement, letter of credit or other similar arrangement or understanding provided by the Company or any Subsidiary.

INTEREST OF INFORMED PERSONS IN MATERIAL TRANSACTIONS

For purposes of the following discussion, "Informed Person" means:

- (a) a Director or Officer;
- (b) a director or executive officer of a person or company that is itself an Informed Person or a Subsidiary;
- (c) any person or company who beneficially owns, directly or indirectly, voting securities of the Company or who exercises control or direction over voting securities of the Company or a combination of both carrying more than 10 percent of the voting rights attached to all outstanding voting securities of the Company, other than the voting securities held by the person or company as underwriter in the course of a distribution; and

(d) the Company itself if it has purchased, redeemed or otherwise acquired any of its securities, for so long as it holds any of its securities.

Except as disclosed below, elsewhere herein or in the Notes to the Company's financial statements for the financial year ended December 31, 2017, none of

- (a) the Informed Persons of the Company;
- (b) the proposed nominees for election as a Director; or
- (c) any associate or affiliate of the foregoing persons,

has any material interest, direct or indirect, in any transaction since the commencement of the Company's most recently completed financial year or in a proposed transaction which has materially affected or would materially affect the Company or any subsidiary of the Company.

APPOINTMENT OF AUDITOR

Dale Matheson Carr-Hilton Labonte LLP, Chartered Professional Accountants is the Company's auditor. Management is recommending the re-appointment of as Auditors for the Company, to hold office until the next annual general meeting of the shareholders at a remuneration to be fixed by the Board of Directors.

MANAGEMENT CONTRACTS

Except as disclosed herein, the Company is not a party to a management contract with any Directors or Officers of the Company.

PARTICULARS OF MATTERS TO BE ACTED UPON

Presentation of Financial Statements

The audited financial statements of the Company for the financial years ended December 31, 2015, 2016 and 2017 (the "**Financial Statements**") and the auditor's reports thereon (the "**Auditor's Report**"), will be presented to Shareholders at the Meeting.

The Financial Statements, Auditor's Report, and management's discussion and analysis ("**MD&A**") for the financial years ended December 31, 2015, 2016 and 2017 are available under the Company's profile on SEDAR at www.sedar.com. The Notice of Annual General and Special Meeting of Shareholders, Information Circular, Request for Financial Statements (NI 51-102) and form of Proxy will be available from Odyssey, United Kingdom Building, 323 – 409 Granville Street, Vancouver, British Columbia, V6C 1T2 or from the office of the Company, which is located at Suite 2200, 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8.

Appointment and Remuneration of Auditor

Shareholders will be asked to approve the appointment of Dale Matheson Carr-Hilton Labonte LLP as the auditor of the Company to hold office until the next Annual General Meeting of the Shareholders at remuneration to be fixed by the Board.

In the absence of instructions to the contrary, the Proxyholders intend to vote the Common Shares represented by each Proxy, properly executed, FOR appointing Dale Matheson Carr-Hilton Labonte LLP as the Company's independent auditor for the ensuing year, and FOR authorizing the Board to fix the auditor's pay.

Fixing the Number of Directors

Management proposes, and the persons named in the accompanying form of proxy intend to vote in favour of, fixing the number of Directors for the ensuing year at three (3). Although Management is nominating three (3) individuals to stand for election, the names of further nominees for Directors may come from the floor at the Meeting.

In the absence of instructions to the contrary, the Proxyholders intend to vote the Common Shares represented by each Proxy, properly executed, FOR fixing the number of Directors at three (3) for the ensuing year.

Election of Directors

The persons named in the enclosed Instrument of Proxy intend to vote in favour of fixing the number of directors at three (3). Although Management is nominating three (3) individuals to stand for election, the names of further nominees for Directors may come from the floor at the Meeting.

Each Director of the Company is elected annually and holds office until the next annual general meeting of Shareholders or until his successor is duly elected, unless his office is earlier vacated, in accordance with the Articles of the Company.

In the absence of instructions to the contrary, the Proxyholders intend to vote the Common Shares represented by each Proxy, properly executed, FOR the nominees herein listed. Management does not contemplate that any of the nominees will be unable to serve as a Director.

Information Concerning Nominees Submitted by Management

The following table sets out the names of the persons proposed to be nominated by Management for election as a Director, the province or state and country in which he is ordinarily resident, the positions and offices which each presently holds with the Company, the period of time for which he has been a director of the Company, the respective principal occupations or employment during the past five years if such nominee is not presently an elected Director and the number of shares of the Company which each beneficially owns, directly or indirectly, or

over which control or direction is exercised as of the date of this Information Circular. Each of the nominees are currently Directors of the Company.

Name, Province and Country of ordinary residence ⁽¹⁾ , and positions held with the Company	Principal occupation and, IF NOT an elected Director, principal occupation during the past five years ⁽¹⁾	Date(s) serving as a Director ⁽²⁾	No. of shares beneficially owned or controlled ⁽¹⁾
Richard Grayston ⁽³⁾ British Columbia, Canada Director, President, CEO and Secretary	CEO of the Company	October 3, 2018	Nil
Richard Ko ⁽³⁾ British Columbia, Canada Director and CFO	Chief Financial Officer of Aldever Resources Inc. and Unity Energy Corp.	November 30, 2018	Nil
Mark Ferguson ⁽³⁾ Alberta, Canada Director	CFO of the Company	November 30, 2018	Nil

(1) The information as to the province and country of residence, principal occupation and shares beneficially owned or over which a Director exercises control or direction, not being within the knowledge of the Company, has been furnished by the respective Directors individually as of December 18, 2018, being the Record Date.

(2) The Company does not set expiry dates for the terms of office of Directors. Each Director holds office as long as he is elected annually by Shareholders at Annual General Meetings, unless his office is earlier vacated in accordance with the Articles of the Company.

(3) Member of Audit Committee.

Cease Trade Orders, Corporate and Personal Bankruptcies, Penalties and Sanctions

For purposes of the disclosure in this section, an "order" means a cease trade order, an order similar to a cease trade order, or an order that denied the relevant company access to any exemption under securities legislation, in each case that was in effect for a period of more than 30 consecutive days; and for purposes of item (a)(i) below, specifically includes a management cease trade order which applies to directors or executive officers of a relevant company that was in effect for a period of more than 30 consecutive days whether or not the proposed director was named in the order.

None of the proposed Directors, including any personal holding company of a proposed Director:

- (a) is, as at the date of this Circular, or has been, within the 10 years before the date of this Circular, a director, chief executive officer or chief financial officer of any company (including the Company) that:
 - (i) was subject to an order that was issued while the proposed director was acting in the capacity as a director, chief executive officer or chief financial officer of the company; or
 - (ii) was subject to an order that was issued after the proposed director ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while that person was acting in the capacity as a director, chief executive officer or chief financial officer of the company; or
- (b) is, as at the date of this Circular, or has been, within the 10 years before the date of this Circular, a director or executive officer of any company (including the Company) that, while that person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or was subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold its assets;
- (c) has, within the 10 years before the date of this Circular, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any

proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the proposed director;

- (d) has been subject to any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority since December 31, 2000, or before December 31, 2000 if the disclosure of which would likely be important to a reasonable security holder in deciding whether to vote for a proposed director, or
- (e) has been subject to any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable security holder in deciding whether to vote for a proposed director.

Stock Option Plan

At the last annual general meeting, the Shareholders re-approved the Option Plan. Under the policies of the Exchange, a rolling stock option plan must be re-approved on a yearly basis by shareholders. Accordingly, Shareholders will be asked to pass an Ordinary Resolution adopting and re-approving the Company's Option Plan. The details of the Option Plan are set forth below.

- the Option Plan reserves, for issue pursuant to stock options, a maximum number of common shares equal to 10% of the outstanding Common Shares from time to time, with no mandatory vesting provisions;
- the number of common shares of the Company reserved for issue to any one person in any 12 month period under the Option Plan may not exceed 5% of the outstanding common shares at the time of grant without Disinterested Shareholder Approval (as defined in Policy 4.4 of the Exchange);
- the number of common shares reserved for issue to any Consultant (as defined by the Exchange) in any 12 month period under the Option Plan may not exceed 2% of the outstanding common shares at the time of grant;
- the aggregate number of common shares reserved for issue to any Employee (as defined by the Exchange) conducting Investor Relations Activities (as defined by the Exchange) in any 12 month period under the Option Plan may not exceed 2% of the outstanding common shares at the time of grant;
- the number of common shares issued to any one person within a 12 month period on the exercise of stock options may not exceed 5% of the outstanding common shares at the time of exercise without Disinterested Shareholder Approval;
- the exercise price per common share for a stock option may not be less than the Discounted Market Price (as calculated pursuant to the policies of the Exchange);
- stock options may have a term not exceeding ten years;
- there is no longer any requirement that stock options terminate within specified periods of the optionee ceasing to be a director, officer, employee or consultant of the Company;
- stock options are non-assignable and non-transferable; and
- the Option Plan contains provisions for adjustment in the number of common shares or other property issuable on exercise of stock options in the event of a share consolidation, split, reclassification or other relevant change in the common shares, or an amalgamation, merger or other relevant change in the Company's corporate structure, or any other relevant change in the Company's capitalization.

Pursuant to the Board's authority to govern the implementation and administration of the Option Plan, all previously granted and outstanding stock options shall be governed by the provisions of the Option Plan.

Shareholders will be asked to pass the following Ordinary Resolution to adopt and re-approve the Option Plan (the "**Option Plan Resolution**").

"**BE IT RESOLVED THAT:** the Company's Option Plan be and is hereby ratified, confirmed and re-approved with such additional provisions and amendments, provided that such are not inconsistent with the policies of the TSX Venture Exchange, as the directors of the Company may deem necessary or advisable."

In the absence of instructions to the contrary, the Common Shares represented by proxy will be voted FOR the Option Plan Resolution.

OTHER MATTERS

As of the date of this Circular, management knows of no other matters to be acted upon at the Meeting. Should any other matters properly come before the Meeting, the shares represented by the proxy solicited hereby will be voted on such matters in accordance with the best judgment of the persons voting the shares represented by the proxy.

AUDIT COMMITTEE DISCLOSURE

The Charter of the Company's audit committee and other information required to be disclosed by National Instrument 52-110 – Audit Committees is attached to this Circular as Schedule "A".

CORPORATE GOVERNANCE DISCLOSURE

The information required to be disclosed by National Instrument 58-101 – Disclosure of Corporate Governance Practices is attached to this Circular as Schedule "B".

ADDITIONAL INFORMATION

Additional information relating to the Company is available on SEDAR at www.sedar.com. Copies of the Company's Financial Statements and Management Discussion and Analysis may be obtained without charge upon request from the Company, at Suite 2200, HSBC Building, 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8.

DIRECTOR APPROVAL

The contents of this Circular and the sending thereof to the Shareholders have been approved by the Directors.

DATED at Vancouver, British Columbia, this 18th day of December, 2018

TISDALE RESOURCES CORP.

/s/ "Richard Grayston"

Richard Grayston Chief Executive Officer and Director

SCHEDULE "A"

FORM 52-110F2 AUDIT COMMITTEE DISCLOSURE (VENTURE ISSUERS)

Item 1: The Audit Committee Charter

The Audit Committee (the "**Committee**") is a committee of the board of directors (the "**Board**") of the Company. The role of the Committee is to provide oversight of the Company's financial management and of the design and implementation of an effective system of internal financial controls as well as to review and report to the Board on the integrity of the financial statements of the Company, its subsidiaries and associated companies. two This includes helping directors meet their responsibilities, facilitating better communication between directors and the external auditor, enhancing the independence of the external auditor, increasing the credibility and objectivity of financial reports and strengthening the role of the directors by facilitating in-depth discussions among directors, management and the external auditor. Management is responsible for establishing and maintaining those controls, procedures and processes and the Committee is appointed by the Board to review and monitor them. The Company's external auditor is ultimately accountable to the Board and the Committee as representatives of the Company's shareholders.

Duties and Responsibilities

External Auditor

- (a) To recommend to the Board, for shareholder approval, an external auditor to examine the Company's accounts, controls and financial statements on the basis that the external auditor is accountable to the Board and the Committee as representatives of the shareholders of the Company.
- (b) To oversee the work of the external auditor engaged for the purpose of preparing or issuing an auditor's report or performing other audit, review or attest services for the Company, including the resolution of disagreements between management and the external auditor regarding financial reporting.
- (c) To evaluate the audit services provided by the external auditor, pre-approve all audit fees and recommend to the Board, if necessary, the replacement of the external auditor.
- (d) To pre-approve any non-audit services to be provided to the Company by the external auditor and the fees for those services.
- (e) To obtain and review, at least annually, a written report by the external auditor setting out the auditor's internal quality-control procedures, any material issues raised by the auditor's internal quality-control reviews and the steps taken to resolve those issues.
- (f) To review and approve the Company's hiring policies regarding partners, employees and former partners and employees of the present and former external auditor of the Company. The Committee has adopted the following guidelines regarding the hiring of any partner, employee, reviewing tax professional or other person providing audit assurance to the external auditor of the Company on any aspect of its certification of the Company's financial statements:
 - (i) No member of the audit team that is auditing a business of the Company can be hired into that business or into a position to which that business reports for a period of three years after the audit;

- (ii) No former partner or employee of the external auditor may be made an officer of the Company or any of its subsidiaries for three years following the end of the individual's association with the external auditor;
- (iii) The Chief Financial Officer ("CFO") must approve all office hires from the external auditor; and
- (iv) The CFO must report annually to the Committee on any hires within these guidelines during the preceding year.
- (g) To review, at least annually, the relationships between the Company and the external auditor in order to establish the independence of the external auditor.

Financial Information and Reporting

- (a) To review the Company's annual audited financial statements with the Chief Executive Officer ("**CEO**") and CFO and then the full Board. The Committee will review the interim financial statements with the CEO and CFO.
- (b) To review and discuss with management and the external auditor, as appropriate:
 - (i) The annual audited financial statements and the interim financial statements, including the accompanying management discussion and analysis; and
 - (ii) Earnings guidance and other releases containing information taken from the Company's financial statements prior to their release.
- (c) To review the quality and not just the acceptability of the Company's financial reporting and accounting standards and principles and any proposed material changes to them or their application.
- (d) To review with the CFO any earnings guidance to be issued by the Company and any news release containing financial information taken from the Company's financial statements prior to the release of the financial statements to the public. In addition, the CFO must review with the Committee the substance of any presentations to analysts or rating agencies that contain a change in strategy or outlook.

Oversight

- (a) To review the internal audit staff functions, including:
 - (i) The purpose, authority and organizational reporting lines;
 - (ii) The annual audit plan, budget and staffing; and
 - (iii) The appointment and compensation of the controller, if any.
- (b) To review, with the CFO and others, as appropriate, the Company's internal system of audit controls and the results of internal audits.
- (c) To review and monitor the Company's major financial risks and risk management policies and the steps taken by management to mitigate those risks.
- (d) To meet at least annually with management (including the CFO), the internal audit staff, and the external auditor in separate executive sessions and review issues and matters of concern respecting audits and financial reporting.
- (e) In connection with its review of the annual audited financial statements and interim financial statements, the Committee will also review the process for the CEO and CFO certifications (if

required by law or regulation) with respect to the financial statements and the Company's disclosure and internal controls, including any material deficiencies or changes in those controls.

Membership

- (a) The Committee shall consist solely of three or more members of the Board, the majority of which the Board has determined has no material relationship with the Company and is otherwise "unrelated" or "independent" as required under applicable securities rules or applicable stock exchange rules.
- (b) Any member may be removed from office or replaced at any time by the Board and shall cease to be a member upon ceasing to be a director. Each member of the Committee shall hold office until the close of the next annual meeting of shareholders of the Company or until the member ceases to be a director, resigns or is replaced, whichever first occurs.
- (c) The members of the Committee shall be entitled to receive such remuneration for acting as members of the Committee as the Board may from time to time determine.
- (d) All members of the Committee must be "financially literate" (i.e., have the ability to read and understand a set of financial statements such as a balance sheet, an income statement and a cash flow statement).

Procedures

- (a) The Board shall appoint one of the directors elected to the Committee as the Chair of the Committee (the "Chair"). In the absence of the appointed Chair from any meeting of the Committee, the members shall elect a Chair from those in attendance to act as Chair of the meeting.
- (b) The Chair will appoint a secretary (the "**Secretary**") who will keep minutes of all meetings. The Secretary does not have to be a member of the Committee or a director and can be changed by simple notice from the Chair.
- (c) No business may be transacted by the Committee except at a meeting of its members at which a quorum of the Committee is present or by resolution in writing signed by all the members of the Committee. A majority of the members of the Committee shall constitute a quorum, provided that if the number of members of the Committee is an even number, one-half of the number of members plus one shall constitute a quorum, and provided that a majority of the members must be "independent" or "unrelated".
- (d) The Committee will meet as many times as is necessary to carry out its responsibilities. Any member of the Committee or the external auditor may call meetings.
- (e) The time and place of the meetings of the Committee, the calling of meetings and the procedure in all respects of such meetings shall be determined by the Committee, unless otherwise provided for in the articles of the Company or otherwise determined by resolution of the Board.
- (f) The Committee shall have the resources and authority necessary to discharge its duties and responsibilities, including the authority to select, retain, terminate, and approve the fees and other retention terms (including termination) of special counsel, advisors or other experts or consultants, as it deems appropriate.
- (g) The Committee shall have access to any and all books and records of the Company necessary for the execution of the Committee's obligations and shall discuss with the CEO or the CFO such records and other matters considered appropriate.
- (h) The Committee has the authority to communicate directly with the internal and external auditors.

Reports

The Committee shall produce the following reports and provide them to the Board:

- (a) An annual performance evaluation of the Committee, which evaluation must compare the performance of the Committee with the requirements of this Charter. The performance evaluation should also recommend to the Board any improvements to this Charter deemed necessary or desirable by the Committee. The performance evaluation by the Committee shall be conducted in such manner as the Committee deems appropriate. The report to the Board may take the form of an oral report by the Chair or any other member of the Committee designated by the Committee to make this report.
- (b) A summary of the actions taken at each Committee meeting, which shall be presented to the Board at the next Board meeting.

Item 2: Composition of the Audit Committee

National Instrument 52-110 Audit Committees, ("**NI 52-110**") provides that a member of an audit committee is "independent" if the member has no direct or indirect material relationship with the Company, which could, in the view of the Company's Board, reasonably interfere with the exercise of the member's independent judgment.

NI 52-110 provides that an individual is "financially literate" if he or she has the ability to read and understand a set of financial statements that present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of the issues that can reasonably be expected to be raised by the Company's financial statements. The following sets out the members of the audit committee and their education and experience that is relevant to the performance of his responsibilities as an audit committee member.

The current members of the Audit Committee are Richard Grayston, Richard Ko and Mark Ferguson, all of whom are financially literate as defined by NI 52-110.

Item 3: Relevant Education And Experience

The relevant education and/or experience of each member of the Audit Committee is as follows:

Richard Grayston

Mr. Grayston is a business consultant with more than 35 years of experience in financial and economic consulting and public company management. Mr. Grayston has experience with reviewing financial statements and related management discussion and analysis, and discussing financial issues with management, accountants and auditors, and as a result, he possesses the understanding of accounting principles and the ability to analyze and evaluate the financial statements of the Company. Mr. Grayston received a Ph.D. in Finance and Economics from the University of Chicago in 1971, an M.B.A. from the University of Chicago in 1969, a B.A. of Commerce from the University of British Columbia in 1966 and became a Certified General Accountant in 1977.

Richard Ko

Mr. Ko has served as a business consultant in Canada, Hong Kong, Taiwan, and China, and as a Senior Financial Analyst with BC Buildings Corporation. He holds a Bachelor of Arts degree, majoring in economics, from the University of Victoria and is a Certified Public Accountant and Chartered Accountant. He has broad experience in accounting and tax matters.

Mark Ferguson

Mr. Ferguson has worked in the financial and trust industry for over 20 years, holds a Bachelors Degree from the University of Calgary. Mr. Ferguson has served as a director and often Chief Financial Officer of a number of public companies over many years, primarily in the resource sectors.

Item 4: Audit Committee Oversight

At no time during the Company's most recently completed financial year was a recommendation of the Audit Committee to nominate or compensate an external auditor not adopted by the Board.

Item 5: Reliance on Certain Exemptions

During the most recently completed financial year, the Company has not relied on certain exemptions set out in NI 52-110, namely section 2.4 (De Minimus Non-audit Services), subsection 6.1.1(4) (Circumstance Affecting the Business or Operations of the Venture Issuer), subsection 6.1.1(5) (Events Outside Control of Member), subsection 6.1.1(6) (Death, Incapacity or Resignation), and any exemption, in whole or in part, in Part 8 (Exemptions).

Item 6: Pre-Approval Policies and Procedures

The Audit Committee has not adopted formal policies and procedures for the engagement of non-audit services. Subject to the requirements of the NI 52-110, the engagement of non-audit services is considered by, as applicable, the Board and the Audit Committee, on a case by case basis.

Item 7: External Auditor Service Fees (By Category)

The following table sets out the aggregate fees charged to the Company by the external auditor in each of the last three financial years for the category of fees described.

	FYE 2017	FYE 2016	FYE 2015
Audit Fees ⁽¹⁾	\$18,870	\$7,650	\$4,517
Audit-Related Fees ⁽²⁾	Nil	Nil	Nil
Tax fees ⁽³⁾	Nil	Nil	Nil
All Other Fees ⁽⁴⁾	Nil	Nil	Nil
Total Fees:	\$18,870	\$7,650	\$4,517

1. "Audit fees" include aggregate fees billed by the Company's external auditor in each of the last two fiscal years for audit fees.

- 2. "Audited related fees" include the aggregate fees billed in each of the last two fiscal years for assurance and related services by the Company's external auditor that are reasonably related to the performance of the audit or review of the Company's financial statements and are not reported under "Audit fees" above. The services provided include employee benefit audits, due diligence assistance, accounting consultations on proposed transactions, internal control reviews and audit or attest services not required by legislation or regulation.
- 3. "Tax fees" include the aggregate fees billed in each of the last two fiscal years for professional services rendered by the Company's external auditor for tax compliance, tax advice and tax planning. The services provided include tax planning and tax advice includes assistance with tax audits and appeals, tax advice related to mergers and acquisitions, and requests for rulings or technical advice from tax authorities.
- 4. "All other fees" include the aggregate fees billed in each of the last two fiscal years for products and services provided by the Company's external auditor, other than "Audit fees", "Audit related fees" and "Tax fees" above.

Item 8: Exemption

During the most recently completed financial year, the Company relied on the exemption set out in section 6.1 of NI 52-110 with respect to compliance with the requirements of Part 3 (Composition of the Audit Committee) and Part 5 (Reporting Obligations).

SCHEDULE "B"

FORM 58-101F2 CORPORATE GOVERNANCE DISCLOSURE (VENTURE ISSUERS)

Item 1: Board Of Directors

The board of directors of the Company (the "**Board**") supervises the CEO and the CFO. Both the CEO and CFO are required to act in accordance with the scope of authority provided to them by the Board.

Director	Independence
Richard Grayson	Not independent, as he is the CEO of the Company
Richard Ko	Not independent, as he is the CFO of the Company
Mark Ferguson	Independent

Item 2: Directorships

The following director of the Company is also currently a director of the following reporting issuer:

Director	Name of Reporting Issuer
Richard Grayston	Calaveras Resource Corp. First Legacy Mining Corp. Logan Resources Ltd. P & P Ventures Inc. Red Rock Capital Corp. Ross River Minerals Inc. Vela Minerals Inc.
Richard Ko	Aldever Resources Inc. Calaveras Resource Corp. Red Rock Capital Corp. Vela Minerals Ltd.
Mark Ferguson	Calaveras Resource Corp. Red Rock Capital Corp. Vela Minerals Ltd.

Item 3: Orientation and Continuing Education

The Board does not have a formal process for the orientation of new Board members. Orientation is done on an informal basis. New Board members are provided with such information as is considered necessary to ensure that they are familiar with the Company's business and understand the responsibilities of the Board.

The Board does not have a formal program for the continuing education of its directors. The Company expects its directors to pursue such continuing education opportunities as may be required to ensure that they maintain the skill and knowledge necessary to fulfill their duties as members of the Board. Directors can consult with the Company's professional advisors regarding their duties and responsibilities, as well as recent developments relevant to the Company and the Board.

Item 4: Ethical Business Conduct

The Board has not adopted a formal code of ethics. In the Board's view, the fiduciary duties placed on individual directors by corporate legislation and the common law, and the restrictions placed by corporate legislation on an individual director's participation in decisions of the Board in which the director has an interest, have been sufficient to ensure that the Board operates independently of management and in the best interests of the Company.

Although the Company has not adopted a formal code of ethics, the Company promotes an ethical business culture. Directors and officers of the Company are encouraged to conduct themselves and the business of the Company with the utmost honesty and integrity. Directors are also encouraged to consult with the Company's professional advisors with respect to any issues related to ethical business conduct.

Item 5: Nomination Of Directors

The identification of potential candidates for nomination as directors of the Company is primarily done by the CEO, but all directors are encouraged to participate in the identification and recruitment of new directors. Potential candidates are primarily identified through referrals by business contacts.

Item 6: Compensation

The compensation of directors and the CEO is determined by the Board as a whole. Such compensation is determined after consideration of various relevant factors, including the expected nature and quantity of duties and responsibilities, past performance, comparison with compensation paid by other issuers of comparable size and nature, and the availability of financial resources.

Item 7: Other Board Committees

The Board does not have any standing committees other than the Audit Committee.

Item 8: Assessments

The Board does not have any formal process for assessing the effectiveness of the Board, its committees, or individual directors. Such assessments are done on an informal basis by the CEO and the Board as a whole.