BRITISH COLUMBIA The Best Place on Earth	T ROOM COLORED T
Ministry of Energy and Mines BC Geological Survey	Assessment Report Title Page and Summary
TYPE OF REPORT [type of survey(s)]: Geophysical Intrepretation	TOTAL COST : 4500.00
AUTHOR(S): P. Walcott, A. Walcott	SIGNATURE(S):
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):	YEAR OF WORK: 2015
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):	5549103, March 2015
PROPERTY NAME: Sofia	
CLAIM NAME(S) (on which the work was done): <u>1027096,1027101,102</u> 1027124,1027126,1027130,1027131,1027133, 1027134,10271	27106,1027112 1027115,1027117,1027121,1027122,1027123 35,1027137,1027138,1027139, 1027142
COMMODITIES SOUGHT: Copper, Gold MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 094E238	
MINING DIVISION: Omenica	NTS/BCGS: 94E/07
LATITUDE: <u>57</u> ° <u>22</u> ' <u>00</u> " Longitude: <u>126</u>	^o 47.2 (at centre of work)
OWNER(S): 1) Cazador Resources Ltd.	_ 2)
MAILING ADDRESS: 110-2300 Carrington Road	
West Kelowna, B.C.	
OPERATOR(S) [who paid for the work]: 1) Cazador Resources Ltd.	2)
MAILING ADDRESS:	
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure	, alteration, mineralization, size and attitude):
Basalt, andesite, dacite, granodiorite, quartz-monzonite, Triassi	c, Jurassic, Permian
Takla Group, Toodoggone Formation, Black Lake Intrusive Suite	e, Jock Creek Pluton, veins, porphyry, potassic, argillic,
high sulphidation epithermal, low sulphidation epithermal	

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 27790,28038,28647,30339

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other Interpretation/Mod	elling		4500.00
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/t	rail		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	4500.00

EVENT # 5549103

AN ASSESSMENT REPORT

ON

A GEOPHYSICAL REVIEW

SOFIA PROPERTY TOODOGGONE AREA, BRITISH COLUMBIA

OMINECA M.D. 57° 22'N, 126° 47.2'W NTS 94E/ 07

Claims: 1027096,1027101,1027106,1027112 1027115,1027117,1027121,1027122,1027123, 1027124,1027126,1027130,1027131,1027133, 1027134,1027135,1027137,1027138,1027139, 1027142

Work Dates: March 15th-31st, 2015

FOR

CAZADOR RESOURCES LTD. KELOWNA, BRITISH COLUMBIA

BY

PETER E. WALCOTT, P. Eng. ALEX WALCOTT, B. Sc.

PETER E. WALCOTT & ASSOCIATES LIMITED Coquitlam, British Columbia

JUNE 2015

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DATA PROCESSING, INVERSION AND PRESENTATION	11
DISCUSSION OF RESULTS	13
SUMMARY, CONCLUSIONS & RECOMMENDATIONS	19

APPENDIX I

Cost of Project
Personnel Employed on Survey
Certification
Claim List
References

ACCOMPANYING MAPS

Claim Location Map	Scale 1:20,000
Geophysical Data Location Map	Scale 1: 20,000
Contours of Total Field Intensity (nT)	Scale 1: 20,000
Contours of Thorium/Potassium Ratio	Scale 1: 20,000
3D Magnetic Susceptibility Model – Level Plans 1450, 1250, 1050, 850, 650 MSL	Scale 1: 20,000
3D Modelled Chargeability – Level Plans 1150, 1100, 1050, 1000, 950, 900 MSL	Scale 1: 10,000
3D Modelled Resistivity – Level Plans 1150, 1100, 1050, 1000, 950, 900 MSL	Scale 1: 10,000

INTRODUCTION.

Between March 15th - 31st, 2015, Peter E. Walcott & Associates Limited undertook geophysical inversions on historic geophysical data from the Sofia Property for Cazador Resources Ltd.

These 3D inversions conducted were the initial stages of a larger ongoing compilation project in an effort to generate additional understanding and target areas for follow up during the upcoming field season.

PROPERTY LOCATION AND ACCESS

The Sofia property is situated within Omineca Mining Division of British Columbia.

It is located some 280 kilometers north-northeast of the community of Smithers, British Columbia within the Toodoggone river region.

Access to the property is gained by way of the Omineca resource road, then by helicopter from various staging areas situated along the road.



Property Location Map

PROPERTY LOCATION AND ACCESS cont'd.



Claim Location Map

PROPERTY LOCATION AND ACCESS cont'd.



Claim and Historic Line Location Map Orange – 2003 Airborne Magnetic Survey Blue – 2005 & 2006 Ground Induced Polarization Surveys

Peter E. Walcott & Associates Limited Geophysical Services

PREVIOUS WORK.

Historical work within the Toodoggone region began in the 1960's. While a number of programs were conducted in the area the first major programs on the property were conducted by Stealth Minerals Limited.

Stealth Mineral Limited staked the initial claims in 1999 based on anomalous results in a BC Government RGS silt sampling program. Between 2000 & 2006, Stealth Minerals conducted property wide prospecting, geological mapping, geochemistry, geophysics and diamond drilling.

In 2007, BC Gold drilled an additional 6 holes proximal to the Sofia showing.

For further information the reader is referred to the Government of British Columbia Aris website.

GEOLOGY.

The Sofia property is located within the favorable Stikinia terrane. It is dominantly underlain by Triassic Takla Group and early Jurassic Toodoggone Group units, which were subsequently intruded by the early Jurassic Black Lake group.

Mineralization on the property consists of both low and high sulphidation epithermal style mineralization along with porphyry mineralization lower in the system.

For a detailed overview the author would refer the reader to the various assessment reports which contain detailed descriptions of the property geology.

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PURPOSE.

The purpose of the projects was to attempt to generate new geophysical target areas using inversion techniques on historic geophysical datasets as part of a larger compilation to aid with exploration planning for the upcoming 2015 field season.

DATA PROCESSING, INVERSION AND PRESENTATION.

Datasets

The historic geophysical datasets were obtained from the BC Ministry of Energy and Mines – Assessment Report Indexing System – ARIS and the NRCAN DAP Server.

The induced polarization data was obtained by the digitization of the raw pseudo sections in ARIS reports 28028 & 28647.

The magnetic and radiometric data from the 2003 airborne magnetic and radiometric survey was obtained in a GDB format from the NRCAN DAP server.

Airborne Magnetic Processing and Inversion

The 2003 airborne magnetic and radiometric data was downloaded into an Oasis Montaj GDB file. A brief QC exercise was then carried out over the dataset prior to reprocessing.

The airborne magnetic survey was flown on northeast orientated lines utilizing a nominal line spacing of some 350 meters with orthogonal tie lines at 4000 meter spacing. The author would refer the reader to the Geological Survey of Canada Open Files 4606-4613 for detailed information.

The data was then gridded utilizing a minimum curvature gridding algorithm with a 40 meter cell size. A number of filters were then applied to the resulting grid – Analytic Signal, Tilt Derivative, 1^{st} and 2^{nd} Vertical Derivative, and Gaussian Residual.

3D inversions were then undertaken utilizing Geosoft's Voxi and UBC-GIF MAG3D potential field inversion software. Inversion was carried out on some 110 line kilometers of airborne magnetics.

The 3D modelling utilized a mesh of 100 meters for the property wide inversion.

Induced Polarization Processing and Inversion

The 2005 and 2006 induced polarization surveys data was first digitized into a Geosoft compatible format from pdf pseudo sections within the respective ARIS reports.

DATA PROCESSING, INVERSION AND PRESENTATION cont'd.

Digital pseudo sections were then regenerated from the newly imported data for comparison and QC checks.

As exact line locations were not available a two point transformation was created to best fit the local grid coordinates to UTM coordinates. Elevations for the respective electrode stations were then extracted from the 50K scale digital terrain model.

The induced polarization data along with respective elevation data were subsequently exported to text files suitable for input into two-dimensional and three-dimensional inversion software.

Induced Polarization Inversion

Three dimensional smooth model inversions of the DC resistivity and chargeability were then carried out using the Geotomo RES3DINV Algorithm, and algorithm developed by Loke et-al. This algorithm uses a 3-D finite element method and incorporates topography in modeling resistivity and I.P. data.

Prior to the three dimensional modelling, two dimensional smooth model inversions were also undertaken on the project, however were not presented as part of this report.

It should be noted that the northern 2006 IP survey which utilized a 200 meter line spacing and 100 a-spacing measuring the 1^{st} to 6^{th} separation which was more suited 3D inversion. Whereas the southern 2005 IP survey used a 50 meter a-spacing measuring the 1^{st} to 6^{th} separation on 200 meter line spacing. This somewhat limited the effective depth of investigation over portions of the 2005 grid, and was not ideal for 3D inversion, however yielded satisfactory results.

In total some 30 line kilometers of IP/Resistivity data was inverted.

Visualization and Presentation

The various historic datasets and inversion models were then imported into Encom PA for review and 3D presentation. An ArcGIS project was also created to review pertinent geological/geochemical information, with level plans of the respective geophysical models.

DISCUSSION OF RESULTS.

The 2015 geophysical review conducted over the Sofia project involved the reprocessing and inversion of three geophysical datasets -2003 GSC airborne magnetics and 2005/& 2006 induced polarization surveys.

The results of the 3D magnetic inversion yielded a number of targets areas.

Target A is situated in the north eastern corner of the property. This is a northeasterly trending magnetic high is proximal to the Sofia porphyry occurrence.

The anomaly is contained within a moderate to high chargeability and appears to be associated elevated resistivity surrounded by low to moderate resistivity.



3D Magnetic Model Sofia Property – Looking Down and NW

Peter E. Walcott & Associates Limited Geophysical Services

DISCUSSION OF RESULTS cont'd.

Hole BCG-07-01 tested the northeastern flank of the aforementioned feature, and encounter encouraging porphyry style mineralization. Hole BCG-07-02 tested some 100 meters to the northwest of the magnetic feature within moderate – high chargeability and a resistivity low. While anomalous copper was encountered within the hole, no significant gold values were obtained.



Target A – Looking Southwest 3D Magnetic Model with Drill hole locations and slice of 3D Inverted Chargeability

DISCUSSION OF RESULTS cont'd.



Target A – Looking Southwest 3D Magnetic Model with Drill hole locations and slice of 3D Inverted Resistivity

Target B is situated in the south central portion of the property. Here the feature is a deep rooted magnetic high.

Extending from the root are two narrow features.

The western feature is associated with a colour anomaly, along with a thorium/potassium low.

A weak copper geochemical anomaly can also be seen within the soil data proximal to this area.

DISCUSSION OF RESULTS con't.

The eastern feature is immediately to the west of the current claim boundary. This anomaly is associated with a multi-element copper, gold, and molybdenum soil anomaly. As the compilation is still underway it is unclear how much historic testing has been completed to date.



Target B – Looking Northwest 3D Magnetic Model

Target C is broad easterly trending magnetic feature. The feature appears to have deeper roots, with a number of fingers extending towards the surface.

Geochemical noise within the soil data appears proximal and along strike of this feature. A number of thorium /potassium lows also appear on trend.

DISCUSSION OF RESULTS cont'd.



Target B – Looking Northwest 3D Magnetic Model with Copper Soil Geochemistry

Target D is the north western corner of the property. This magnetic high is on eastern slope, and appears to have a slight colour anomaly.

No geochemistry has been compiled to date, and it is unknown at this time what work, if any has been completed over this feature.

Target E is some 1.5 kilometers to the north of Target A. This magnetic feature extends to the east of the property boundary where it is associated with a thorium/potassium low. The feature is potentially the extension of Target C, and may be fault offset along the Toodoggone river.

DISCUSSION OF RESULTS cont'd.



Target C, D, E – Looking Southeast 3D Magnetic Model

SUMMARY, CONCLUSIONS & RECOMMENDATIONS.

Between March 15th and 30th, 2015, Peter E. Walcott & Associates Limited undertook inversion of historic geophysical over Cazador Resources Ltd's Sofia property, located in the Toodoggone area of British Columbia.

The project consisted of the 3D inversions of historic airborne magnetics and induced polarization data.

A subsequent compilation of the respective generated products where then used as a first pass targeting exercise in an ongoing data compilation project.

As a result of this study, five target areas were selected for additional follow up.

A detailed compilation should be undertaken to compile all of the historic data over the respective targets prior to additional ground work.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LTD.

Alexander Walcott Geophysicist Peter E. Walcott, P.Eng. Geophysicist

Coquitlam, B.C. June 2015.

APPENDIX I

COST OF PROJECT.

Peter E. Walcott & Associates Limited undertook the data entry, reprocessing and inversion on data within the project area on an hourly basis, for total cost of \$4500.00.

PERSONNEL EMPLOYED ON SURVEY.

Name	Occupation	Address	Dates
Peter E. Walcott	Geophysicist	Unit 111- 17 Fawcett Rd. Coquitlam, B.C. V3K 6V2	March $15^{th} - 31^{st}$, 2015
Alexander Walcott	'n	'n	March 15 th - 31 ^{th,} 2015

CERTIFICATION.

I, Peter E. Walcott, of 605 Rutland Court, Coquitlam, British Columbia, hereby certify that:

- 1. I am a graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
- 2. I have been practicing my profession for the last fifty two years.
- 3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.
- 4. I hold no interest, direct or indirect, in the property, nor do I expect to receive any.

Peter E .Walcott, P.Eng.

Coquitlam, B.C. June 2015

CLAIM LIST

TENURE NUMBER	ISSUE DATE	GOOD TO DATE	SIZE (hectares)	OWNER	CLIENT NUMBER
1027096	01/04/2014	01/09/2015	69.8412	CAZADOR RESOURCES LTD	201078
1027101	01/04/2014	01/09/2015	419.0835	CAZADOR RESOURCES LTD	201078
1027106	01/04/2014	01/09/2015	34.9145	CAZADOR RESOURCES LTD	201078
1027112	01/04/2014	01/09/2015	314.1343	CAZADOR RESOURCES LTD	201078
1027115	01/04/2014	01/09/2015	681.4701	CAZADOR RESOURCES LTD	201078
1027117	01/04/2014	01/09/2015	34.8988	CAZADOR RESOURCES LTD	201078
1027121	01/04/2014	01/09/2015	52.3612	CAZADOR RESOURCES LTD	201078
1027122	01/04/2014	01/09/2015	262.1392	CAZADOR RESOURCES LTD	201078
1027123	01/04/2014	01/09/2015	34.8949	CAZADOR RESOURCES LTD	201078
1027124	01/04/2014	01/09/2015	34.9029	CAZADOR RESOURCES LTD	201078
1027126	01/04/2014	01/09/2015	17.4514	CAZADOR RESOURCES LTD	201078
1027130	01/04/2014	01/09/2015	209.3457	CAZADOR RESOURCES LTD	201078
1027131	01/04/2014	01/09/2015	17.4474	CAZADOR RESOURCES LTD	201078
1027133	01/04/2014	01/09/2015	17.4494	CAZADOR RESOURCES LTD	201078
1027134	01/04/2014	01/09/2015	505.9977	CAZADOR RESOURCES LTD	201078
1027135	01/04/2014	01/09/2015	34.9191	CAZADOR RESOURCES LTD	201078
1027137	01/04/2014	01/09/2015	122.1985	CAZADOR RESOURCES LTD	201078
1027138	01/04/2014	01/09/2015	157.1715	CAZADOR RESOURCES LTD	201078
1027139	01/04/2014	01/09/2015	17.4537	CAZADOR RESOURCES LTD	201078
1027142	01/04/2014	01/09/2015	34.9070	CAZADOR RESOURCES LTD	201078
	TENURE NUMBER 1027096 1027101 1027106 1027112 1027115 1027117 1027121 1027123 1027123 1027124 1027126 1027130 1027131 1027131 1027133 1027134 1027135 1027137 1027138 1027139	TENURE NUMBERISSUE DATE102709601/04/2014102710101/04/2014102710601/04/2014102711201/04/2014102711501/04/2014102711701/04/2014102712101/04/2014102712201/04/2014102712301/04/2014102712401/04/2014102712501/04/2014102713001/04/2014102713101/04/2014102713301/04/2014102713401/04/2014102713501/04/2014102713701/04/2014102713801/04/2014102713901/04/2014102713201/04/2014	TENURE NUMBERISSUE DATEGOOD TO DATE102709601/04/201401/09/2015102710101/04/201401/09/2015102710601/04/201401/09/2015102711201/04/201401/09/2015102711501/04/201401/09/2015102711701/04/201401/09/2015102712101/04/201401/09/2015102712201/04/201401/09/2015102712301/04/201401/09/2015102712401/04/201401/09/2015102713001/04/201401/09/2015102713101/04/201401/09/2015102713301/04/201401/09/2015102713401/04/201401/09/2015102713501/04/201401/09/2015102713601/04/201401/09/2015102713701/04/201401/09/2015102713801/04/201401/09/2015102713901/04/201401/09/2015102713201/04/201401/09/2015	TENURE NUMBERISSUE DATEGOOD TO DATESIZE (hectares)102709601/04/201401/09/201569.8412102710101/04/201401/09/2015419.0835102710601/04/201401/09/201534.9145102711201/04/201401/09/2015314.1343102711501/04/201401/09/2015681.4701102711701/04/201401/09/201552.3612102712101/04/201401/09/201552.3612102712201/04/201401/09/2015262.1392102712301/04/201401/09/201534.8949102712401/04/201401/09/201534.9029102712601/04/201401/09/201517.4514102713101/04/201401/09/201517.4474102713301/04/201401/09/201517.4474102713401/04/201401/09/201534.9191102713701/04/201401/09/201534.9191102713801/04/201401/09/2015157.1715102713901/04/201401/09/2015157.1715102713901/04/201401/09/2015157.1715102714201/04/201401/09/2015157.1715	TENURE NUMBERISSUE DATEGOOD TO DATESIZE (hectares)OWNER102709601/04/201401/09/201569.8412CAZADOR RESOURCES LTD102710101/04/201401/09/201534.9145CAZADOR RESOURCES LTD102710201/04/201401/09/2015314.1343CAZADOR RESOURCES LTD102711201/04/201401/09/2015314.1343CAZADOR RESOURCES LTD102711501/04/201401/09/2015681.4701CAZADOR RESOURCES LTD102711701/04/201401/09/201534.8988CAZADOR RESOURCES LTD102712101/04/201401/09/201552.3612CAZADOR RESOURCES LTD102712201/04/201401/09/2015262.1392CAZADOR RESOURCES LTD102712301/04/201401/09/201534.9029CAZADOR RESOURCES LTD102712401/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713001/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713101/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713301/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713401/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713501/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713601/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713701/04/201401/09/201517.4514CAZADOR RESOURCES LTD102713701/04/201401/09/2015

REFERENCES.

Kuran D. L., Geological, Geochemical and Diamond Drilling Report on the Sickle-Bee Gee Property, 2005, BC Assessment Report 27,790

Kuran D. L., Geological, Geochemical and Geophysical Report on the Sickle Sofia Claims, 2005, BC Assessment Report 28,038

Kuran D. L., Geological, Geochemical and Geophysical Report on the Sickle Sofia Area, 2006, BC Assessment Report 28,647

Lustig, G., Assessment Report on the Sofia Sickle Property, 2008, BC Assessment Report 30,339

Obrien D., Technical Report on the Sickle-Sofia Property, Toodoggone Area, B.C., 43-101 Technical Report by Darren O'Brien, P. Geo. – <u>www.Sedar.com</u>

















