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Assessment Report for Prospecting in the Kenora Gold Project Area

Haycock and Jaffray Townships, Kenora Mining Division Ontario, Canada

Performed by Pleson Geoscience on behalf of Canstar Resources Inc.

Work Performed on Mining Claims 4253187, 4253188, and 4262756

Alex Pleson, Exploration Consultant

Nov 27th, 2015

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1.0 Introduction

1.1 - Purpose

This report has been produced to meet the requirements for filing Assessment Work under the Ontario Mining Act. This report covers the prospecting work performed on the property in August 2015. The report includes the results of a prospecting program on the Kenora Gold Project by Pleson Geoscience on behalf of Canstar Resources Inc. in the Kenora Mining District, Ontario.

1.2 - Prospecting Overview

The prospecting program was designed to economically evaluate the results of the Spatiotemporal Geochemical Hydrocarbon (SGH) study performed on the property in September 2014, to confirm historic showings outlined in the OGS Mineral Deposits Inventory and find new prospective gold showings. The program was also designed to evaluate historic gold showings related to the SGH anomalies identified. The author was on the property through the duration of the sampling program. The work was performed between the dates of August14th 2015 to August 22nd 2015.

2.0 Accessibility, Geography and Climate

2.1 - Accessibility

The Kenora Gold Project covers 3 separate blocks totaling 182 units while staking program is underway to form a contiguous mining property. The project is located from the eastern city limits of Kenora to Black Sturgeon Lake in the northeast and Haycock Lake in the east (Figure 1). The TransCanada Highway's #17A and #17B cut through the property and provide the bulk of the access. Highway 671 to Grassy Narrows I.R. provides access to the northern property boundary.

An intense network of snowmobile and quad trails allows easy access to 90% of the claims while some surveys areas are best accessed by canoe on Black Sturgeon Lake and Island Lake. The CP mainline railway transects through the central portion of the property as well as both natural gas and hydro transmission lines.

2.2 - Climate and Geography

The climate on the Kenora Gold Project mirrors that of Kenora. A portion of the property surrounds the city airport where Environment Canada monitors the weather conditions. The 30 year temperature range is -56.7°C to 35.8°C. The average annual precipitation for Kenora is 662cm, with a higher density of precipitation in the spring.

The Kenora Gold Project is typical of the Canadian Shield, with large competent outcrops surrounded by lakes and swamps. Modest topographic relief is exhibited throughout the property due to the density of intrusive bodies. Mature coniferous forests cover the majority of the property, with sporadic young regeneration of deciduous due to past logging operations.



3.0 PROPERTY DESCRIPTION

The Kenora Gold Project is currently made up of 41 mining claims comprised of 397 units. This consists of a 5955-hectare area. The current claims exist in the Haycock, Jaffray and Kirkup Townships of the Kenora Mining District. Table 1 summarizes the claims and those involved in the current prospecting program. Figure 2 outlines the current project area along with the outlined prospecting areas. Appendix I outlines the present option agreement between the current claim owners and Canstar Resources, including the full names and addresses of all proponents.

Claims	Due Date	Units	Work Required (\$)	Record Holder	Client #
К					
4253188	Dec-04-2015	13	5197	Brian Fowler	133247
К					
4253187	Dec-04-2015	7	2506	Brian Fowler	133247
К					
4262756	Dec-04-2015	9	3600	Brian Fowler	133247

Table 1 - Summary of the Kenora Gold Project Claim Ownership

Prospecting occurred on unpatented mining claims shaded yellow in Table 1.



Figure 2 – Kenora Gold Project Area and Focus Claims

4.0 GEOLOGICAL SETTING

4.1 - Regional Geology

The Kenora Gold Project is situated in the Wabigoon Subprovince of the Superior Province. This subprovince consists mainly of Archean metavolcanic and metasedimentary rock sequences intruded by larger granitoid plutons, mainly granodiorite to granite in composition. Mafic volcanic rocks form ~90% of the sequence in the Kenora area, typically tholeiitic mafic flows. Felsic-metavolcanic and metasedimentary units comprise the remainder of the volcanic-sedimentary lithologies. These units typically exhibit evidence of at least greenschist facies of metamorphism. Regional deformation tends to trend in the east/northeast direction. Major structures in the area also exhibit similar orientations. (Breaks et al., 1978).

This portion of the east trending Wabigoon Subprovince is typically referred to as the Western Wabigoon Terrane (WWT) and lies to the south of the Winnipeg River Terrane (WRT) and to the north of the Quetico Terrane (QT). The WRT and QT are typically high-grade metamorphic terranes consisting of plutonic and metasedimentary assemblages. (Percival and Easton, 2007). The general geology of the project area can be seen in Figure 2.

4.2 – Local Geology

The property is dominated by a large quartz diorite intrusion that extends past the eastern boundary of the mining claims on contact to a tonalite pluton. The western contact of the quartz diorite consists of interlayered mafic and felsic metavolcanic rocks. Minor quartz monzonite intrusions bound the metavolcanic rocks in the north. Intrusive mafic-intermediate rocks (diorite to gabbro) are also mapped along a northeast trending contact to the felsic and mafic metavolcanic rocks. Gold mineralization is typically observed at or near the contacts of the metavolcanic units and the quartz diorite. (Breaks et al., 1978).

Large regional faults and mineral foliations are mapped by *King 1983* and typically have northeast strikes. The shearzones on the property exhibit the same overall trend. Gold mineralization is typically associated near the boundaries of the major shearzones that have been previously mapped on the property (Canstar Internal Report, 2014).



Figure 3 – Regional Geology

5.0 PREVIOUS EXPLORATION

5.1 – Historic Work

Gold mineralization was observed in the project area as early as 1894. Previous gold and silver production occurred at the Scramble Mine located ~200 meters east of claim 4253187 although no production data is available. Various other shafts are located throughout the property with no verified production data. The area lay dormant until 1984 when various exploration companies picked up surrounding properties and commenced work. Notable exploration activities include prospecting, drilling and trenching near the eastern shores of Breakneck Lake and the southern shores of Black Sturgeon Lake. These activities developed small potential showings and provided further development of the Sweden occurrence (UTM 15N 405385 E 5516597 N), the Roseman occurrence (UTM 15N 402401 5511464), Westin occurrence (UTM 15N 403265 5511444), the Norway occurrence (UTM 15N 404624 E 5513774 N), the Princess occurrence (UTM 15N 403541 E 5518122 N), Triumph (15N 404170 5511566), Rajah (15N 400601 5516928) and the Black Sturgeon occurrence (UTM 15N 404762 E 5518278N). These occurrences represent high-grade gold showings, which were explored and mined near the start of the 20th century.

5.2 – Canstar Resources Inc. Exploration Activities

In the summer of 2014 Canstar conducted a small reconnaissance mapping program including sampling. The project was developed to locate various structures that have the potential for gold mineralization. The project also intended to re-examine historic occurrences and evaluate their economic potential. Of approximately 108 samples, 25 samples yielded high-grade gold mineralization near or in shearzones. This prompted the design of a SGH soil survey to test the continuity of the gold bearing structures across the property. Canstar also completed a SGH soil-sampling program in August-September 2014. A subsequent prospecting campaign in April and May 2015 was completed to evaluate these findings and lead to the discovery of new showings near the history Rajah, Roseman, Westin and Triumph occurrences. This program was extremely successful in locating new showings and confirming the potential of the historic showings. The highlight of the campaign was discovering a **68 g/t** sample in a near mineralized shearzone east of the Triumph Showing and a **9.8 g/t** sample from a shearzone at the Westin occurrence which originally was thought to only consist of high-grade Au in quartz veins.

6.0 KENORA GOLD PROJECT PROSPECTING PROGRAM

6.1 – Prospecting Program Goals

The main gold of the August Prospecting Program was to evaluate the known showings (Rajah Occurrence/Trend) named the Aviator Trend by Canstar Resources Inc. on claims 4253188 and 4253187. The team was also tasked with uncovering more mineralized zones since historically prospectors focus mainly on high-grade Au in quartz veins. This shifted the focus towards the altered volcanic and intrusive rocks adjacent to the historic high-grade showings. The team also focused extensively on 4262756 as little historic has been conducted and the geology appears favorable based on the OGS mapping of the area.

6.2 – Prospecting Program Overview

Pleson Geoscience of Nipigon, ON was contracted to carry out the prospecting. Alex Pleson (Nipigon, ON), Mike Goodman, Phil Houghton and Rick Evans (Beardmore, ON) carried out the prospecting from August 14th 2015 to Sept 2nd 2015. A total of 40 grab samples were collected in the focus areas during this time.

An application for an extension of time was filed with the MNDM and the claims were extended until Dec 4th 2015. This was due to major delays at the assay laboratory in Thunder Bay, ON.

The focus claims in this report (4253188, 4253187, and 4262756) were worked specifically on August 14th, 16th, 18th, 20th and 21st 2015. Of this time, 75% of the work focused on traversing the claims to locate new showings and determine any favourable trends/structure. The remainder of the time was spent removing overburden from positive showings to gain a better understanding of the mineralization and to hopefully develop greater widths of mineralization than that of simple high-grade quartz veins. The author (Alex Pleson) was not on the property for the Days of August 20th and 21st as he had business in another part of the province, but has reviewed the work and GPS coordinates of the prospectors and the work did occur as outlined in the Prospecting Logs (Table 2a and 2b).

7.0 PROSPECTING LOCATIONS AND TRAVERSES

7.1 - Locations

The focus claims were divided into 2 areas for exploration, *Aviator Trend and Avro East/By-pass Showings*, (Figure 4). These areas were chosen based off of historic showings from OGS maps P2618 Kenora East and P2830 Bigstone Bay North and anomalous results from the Spring 2015 prospecting campaign.



Figure 4 – Prospecting Areas

7.2 – Discoveries/Logs/Outcrops from Prospecting

7.2.1 – Aviator Trend (Historical Rajah and Roseman Occurrences)



 $Figure \ 5a-Aviator \ Trend \ Prospecting$

Date Aug-14-2015	Claim(s) 4253187	Prospecting Log Walked into furtherest south shaft south of Airport Road, shaft was located by Mike Goodman in 2014 during SGH sampling campaign. Ben Kuzmich sampled 35g/t in April/May 2015 prospecting in a waste pile near this shaft. We traversed across the NE trend. Phil, Mike and Rick exposed numerous outcrops of similar geology to the shaft (silicied mafic volcanics). Main purpose of this day was to examine the width of the mineralized zone in which Ben sampled in the spring. Phil and Alex traversed NE towards Airport Rd. to the boundary of the claim. We located all shafts (see sample descriptions for shaft locations) Historic maps show shafts ~50-100m south of their true location. We determined that this zone is highly favourable to generate mineable widths and should be stripped once permits are approved in November.
Aug-16-2015	4253188 4253187	Goal of the day was to continue N-NE along trend identified on Aug-14, from the Rajah occurrence to the Roseman. Historic maps and MDI only have approximate locations for these historic occurences so they must be located before trenching and geological mapping is completed. Geology is successive mafic to felsic flow textured volcanic rocks, highy silicified with strongly chlorite alteration closer to contacts of Diorite and possibly a gabbro unit to the east (this could be sampled in the future as there are noted occurences of Cu in this adjacent intrusion. Phil was tasked with exploring the NW of 4253188, which sadly had only diorite outcrop however he did sample some sulphide areas and a few quartz veins, hopefully we can generate low-grade results from this. I (Alex) sampled the pipeline blast pits in the SW of 4253188 then proceeded to the claim's northern boundary then traversed south to find the Roseman occurence, the claim is split by diorite in the west, a central swamp and creek and mafic to intermediate volcanics in the east. By the time I found the Roseman, Mike and Rick were only a few hundred metres south along strike of the Roseman, we met and sampled the old blast pits which we concluded were the Roseman occurence however we did no locate the shaft. There is a quad trail that leads right to the showing from the pipeline/Hwy 17.
Aug-18-2015	4253188	Cleaned and sampled 4 old pits that were not sampled previously, propsected along strike north of Airport Rd. in both directions. Traversed across trend- Could not located a sample coordinate from April (2015) must re-check the sample book for proper coordinate. Sample + prospected strike of Rajah shaft. Sampled rusty zone on north side of Airport Rd., followed and propsected trenc south of Airport Rd. to south line boundary of 4253188.

Table 2a – Aviator Prospecting Log

7.2.2 – 4262756/By-pass/Avro East (Triumph East Occurrences)



Figure 5b – 4262756 Prospecting

Aug-20-2015	4262756	Phil, Rick and Mike traversed NE parts of block, some small qtz veins were discovered and sampled. The ground was roughy and the geology was mainly diorite, very boring! Lots of outcrop to examine, north-south creek that runs along east side of block is flooded marsh making exploration difficult, only place to cross without swimming is at the north boundary, 16 samples were taken this day, but no exceptional zones were found.
Aug-21-2015	4262756	Phil, Rick and Mike traversed south from north boundary between creek and "new" highway, very rough/dirty terrain, Mike parked the truck near #3 post and traversed north from here, between highway and creek, found a pit 20'x20' and sampled blast rubble, little mineralization byt there is alot of overbudren on pile. Pit was too deep to enter. Two more small pits were also found on strike, on pit was sampled but other was too dangerous to enter, 2 ft wide red pine growning in trench so must be at least 100 years old. Phil and Rick met up with mike, approx half way down and then headed towards the highway, spent last few hours of day light sampling multiple rusty zone that cross the hwy and were made visible by blasting for the new highway, zone looked really juicy so we sampled as the width is over 30meters

Table 2b – 4262756 Prospecting Log

8.0 PROPSECTING FINDINGS

The 5 days of prospecting in the Kenora District can be considered a success. There were 40 samples taken in the project area, in which 5 samples ran over 1.0 g/t Au. The spatial relationship of this samples shows that there is a great potential for developing mid-grade deposits. Figure 6 shows the distribution of the anomalous values. A full list of assay values, a map and coordinates are included in Appendix II.



Figure 6 – Significant Gold Assays

Gold values of over 10 000 ppm were re-run using gravimetrics at Accurassay in Thunder Bay, ON. The majority of the samples that ran for elevated gold were taken from sugary quartz veins with tourmaline crystals. The most significant results taken was 19.42 g/t Au out of a deformed quartz vein in a chlorite-rich shearzone next to a historic trench. This by far is the most interesting as this zone since the mineralization continues for 30 meters across strike and a 9.81 g/t Au sample was taken ~1km along strike in similar geology and alteration. All the samples listed in Figure 6 represent great areas for further exploration. To date, not included in this report, a channel sampling campaign has been carried out on all historic showings in the property area. This includes the Aviator Zone, within claims 4253188, 4253187 and at the Black Sturgeon and Triumph occurrences. To date, the company has intersected 2.0 g/t over 18 meters at the Ace Showing/Aviator Trend in its channel sampling campaign (not all assays are in yet for this work).

REFERENCES

King, H. L., 1983, Precambrian Geology of the Kenora-Keewatin Area, Eastern Part, Kenora District, Ontario Geological Survey, Map P 2618, Preliminary Map

Percival, J., Easton, R., 2007, Geology of the Canadian Shield: An Update, Geological Survey of Canada, Open File 5511, Natural Resources Canada

Sutherland, D., 2014, SGH Report for Canstar Resources – Kenora SGH Survey, December 18th, 2014, Internal Publication, Activation Laboratories Ltd., A14-06865

PlesonGeoscience



Applying the Science to Define Ore

Statement of Qualifications

Alex Pleson, Exploration Consultant

Cell: (807) 620 5939 Email: <u>ajpleson@lakeheadu.ca</u> 118 Greenmantle Dr. Nipigon, ON POT 2J0 Box 675

I, Alex Pleson, do hereby certify that:

1: I am a licensed Ontario Prospector

2: I have been working in the mineral exploration field since 2008

3: I received my H.BSc in geology from Lakehead University

4: I am responsible for the preparation of this assessment report

5: I hold no interest in the company or property this reports refers to

6: I have been involved with the Kenora Gold Project since August 13th 2014

Dated the 30th day of November 2015

Alex Pleson, Exploration Consultant Pleson Geoscience Appendices

Appendix I – Option Agreement and Agent Letter

See attachment

Information withheld for client confidentiality.

 $\label{eq:appendix II-Assay Certificate and Sample Coordinates$

See attached Certificate See attached Prospecting Sample Description and Location Page See attached map for all samples



Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

Tuesday, October 13, 2015

Final Certificate

Canstar Resources Inc. 1000-55 Temperance Street Toronto, ON, CAN M5H3V5 Email: ajpleson@lakeheadu.ca, doosterman@canstarresources.com Date Received: 09/01/2015 Date Completed: 10/13/2015 Job #: 201544073 Reference: Sample #: 168

Acc #	Client ID	Au	Au Grav
		g/t (ppm)	ppm
363381	258001	0.029	
363382	258002	0.012	
363383	258003	<0.005	
363384	258004	0.016	
363385	258005	0.024	
363386	258006	0.007	
363387	258007	0.023	
363388	258008	0.060	
363389	258009	3.362	
363390	258010	2.560	
363391	258010 Dup	2.277	
363392	258011	4.667	
363393	258012	>10.000	283.347
363394	258013	0.477	
363395	258014	0.280	
363396	258015	0.524	
363397	258016	0.199	
363398	258017	0.017	
363399	258018	0.008	
363400	258019	0.037	
363401	258020	1.071	
363402	258020 Dup	1.213	
363403	258021	0.042	
363404	258022	0.031	
363405	258023	0.044	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:

Assistant Manager - Thunder Bay



thorized By

Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.



> Au Grav ppm

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Acc #	Client ID	Au g/t (ppm)	
363406	258024	0.006	
363407	258025	<0.005	
363408	258026	<0.005	
363409	258027	0.005	
363410	258028	<0.005	
363411	258029	<0.005	
363412	258030	0.904	
363413	258030 Dup	0.828	
363414	258031	0.039	
363415	258032	0.079	
363416	258033	<0.005	
363417	258034	0.006	
363418	258035	<0.005	
363419	258036	<0.005	
363420	258037	<0.005	
363421	258038	<0.005	
363422	258039	0.114	
363423	258040	0.039	
363424	258040 Dup	0.042	
363425	258041	0.137	
363426	258042	0.032	
363427	258043	0.225	
363428	258044	0.022	
363429	258045	<0.005	
363430	258046	<0.005	

APPLIED SCOPES: ALP1, ALFA1, ALFA7



Jesse Deschutter Assistant Manager - Thunder Bay



Authorized By: Derek Demianiuk, VP Quality

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Acc #	Client ID	Au g/t (ppm)	
363431	258047	<0.005	
363432	258048	<0.005	
363433	258049	<0.005	
363434	258050	<0.005	
363435	258050 Dup	<0.005	
363436	258051	0.013	
363437	258052	0.076	
363438	258053	<0.005	
363439	258054	0.024	
363440	258055	0.016	
363441	258056	0.007	
363442	258057	0.006	
363443	258058	<0.005	
363444	258059	0.015	
363445	258060	0.170	
363446	258060 Rep	0.178	
363447	258061	0.180	
363448	258062	0.211	
363449	258063	0.007	
363450	258064	1.270	
363451	258065	0.358	
363452	258066	0.217	
363453	258067	2.020	
363454	258068	0.470	
363455	258069	0.190	

APPLIED SCOPES: ALP1, ALFA1, ALFA7



Jesse Deschutter Assistant Manager - Thunder Bay



Derek Demianiuk, VP Quality

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Client ID	Au g/t (ppm)	
258070	0.171	
258070 Dup	0.150	
258071	0.761	
258072	0.198	
258073	0.174	
258074	0.590	
258075	0.060	
258076	0.010	
258077	0.016	
258078	0.148	
258079	0.115	
258080	0.036	
258080 Dup	0.030	
258081	0.031	
258082	0.048	
258083	<0.005	
258084	<0.005	
258085	<0.005	
258086	0.012	
258087	<0.005	
258088	<0.005	
258089	<0.005	
258090	<0.005	
258090 Dup	<0.005	
258091	0.651	
	Client ID 258070 Dup 258071 258071 258072 258073 258074 258075 258076 258076 258077 258080 258080 258080 Dup 258080 Dup 258081 258083 258083 258083 258084 258083 258084 258085 258085 258085 258085 258085 258087 258089 258089 258090 258090 Dup 258090 Dup	Client ID Au g/t (ppm) 258070 0.171 258070 Dup 0.150 258071 0.761 258072 0.198 258073 0.174 258074 0.590 258075 0.060 258076 0.010 258077 0.016 258078 0.148 258079 0.115 258080 0.030 258080 Dup 0.030 258082 0.048 258083 <0.005

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:

Jesse Deschutter Assistant Manager - Thunder Bay

Andrew Oleski Lab Manager - Thunder Bay

Certified By:

Authorized By: Derek Demianiuk, VP Quality

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Acc #	Client ID	Au g/t (ppm)	Au Grav
		e ,	ppm
363481	258092	<0.005	
363482	258093	<0.005	
363483	258094	<0.005	
363484	258095	<0.005	
363485	258096	<0.005	
363486	258097	0.484	
363487	258098	0.118	
363488	258099	0.033	
363489	258100	0.007	
363490	258100 Dup	<0.005	
363491	258101	0.046	
363492	258102	<0.005	
363493	258103	<0.005	
363494	258104	<0.005	
363495	258105	0.017	
363496	258106	0.483	
363497	258107	0.593	
363498	258108	>10.000	15.717
363499	258109	>10.000	19.422
363500	258110	3.854	
363501	258110 Dup	3.977	
363502	258111	2.101	
363503	258112	0.166	
363504	258113	0.164	
363505	258114	0.129	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:

Jesse Deschutter Assistant Manager - Thunder Bay



Authorized By:

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> Au Grav ppm

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Client ID	Au g/t (ppm)	
258115	<0.005	
258116	<0.005	
258117	0.026	
258118	<0.005	
258119	<0.005	
258120	<0.005	
258120 Rep	<0.005	
258121	0.019	
258122	<0.005	
258123	<0.005	
258124	<0.005	
258125	0.005	
258126	1.399	
258127	0.008	
258128	0.137	
258129	<0.005	
258130	1.572	
258151	0.005	
258152	<0.005	
258153	<0.005	
258154	<0.005	
258155	<0.005	
258156	<0.005	
258157	<0.005	
258158	<0.005	
	Client ID 258115 258116 258117 258118 258120 258120 Rep 258121 258122 258122 258123 258124 258125 258126 258126 258127 258128 258129 258130 258151 258151 258152 258155 258155 258156 258157 258158	Client ID Au g/t (ppm) 258115 <0.005

APPLIED SCOPES: ALP1, ALFA1, ALFA7



Jesse Deschutter

Assistant Manager - Thunder Bay



Derek Demianiuk, VP Quality

Authorized By:

The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.



Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

Tuesday, October 13, 2015

Final Certificate

Canstar Resources Inc. 1000-55 Temperance Street Toronto, ON, CAN M5H3V5 Email: ajpleson@lakeheadu.ca, doosterman@canstarresources.com

Date Received: 09/01/2015 Date Completed: 10/13/2015 Job #: 201544073 Reference: Sample #: 168

:	363531			ppm
:		258159	<0.005	
	363532	258160	<0.005	
:	363533	258161	0.017	
:	363534	258161 Dup	0.014	
:	363535	258162	<0.005	
:	363536	258163	<0.005	
:	363537	258164	>10.000	9.801
:	363538	258165	0.169	
:	363539	258166	0.261	
:	363540	258167	0.517	
:	363541	258251	0.014	
:	363542	258252	0.008	
:	363543	258253	0.025	
:	363544	258254	1.927	
:	363545	258254 Dup	2.132	
:	363546	258255	0.316	
:	363547	258256	1.674	
:	363548	258257	7.968	
:	363549	258258	>10.000	15.757
:	363550	258259	0.034	
:	363551	258260	0.018	
:	363552	258261	2.921	
:	363553	258301	0.011	
:	363554	258302	0.052	
:	363555	258303	0.014	

APPLIED SCOPES: ALP1, ALFA1, ALFA7



Jesse Deschutter

Assistant Manager - Thunder Bay



Derek Demianiuk, VP Quality

Authorized By:

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Certified By:



> Au Grav ppm

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www.accurassay.com assay@accurassay.com

Tuesday, October 13, 2015

Final Certificate

Canstar Resources Inc. 1000-55 Temperance Street Toronto, ON, CAN M5H3V5 Email: ajpleson@lakeheadu.ca, doosterman@canstarresources.com

Date Received: 09/01/2015 Date Completed: 10/13/2015 Job #: 201544073 Reference: Sample #: 168

Acc #	Client ID	Au g/t (ppm)	
363556	258303 Dup	0.016	
363557	258304	<0.005	
363558	258305	<0.005	
363559	258306	0.034	
363560	258307	1.335	
363561	258308	0.154	
363562	258309	<0.005	
363563	258310	0.027	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By

Assistant Manager - Thunder Bay

Certified By: Andrew Oleski Lab Manager - Thunder Bay

Derek Demianiuk, VP Quality

Authorized By:

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www.accurassay.com assay@accurassay.com

Tuesday, October 13, 2015

Final Certificate

Canstar Resources Inc. 1000-55 Temperance Street Toronto, ON, CAN M5H3V5 Email: ajpleson@lakeheadu.ca, doosterman@canstarresources.com

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
GS45	2.700	2.920	0.180
KL02	0.406	0.408	0.020
KL02	0.398	0.408	0.020
KL02	0.391	0.408	0.020
KL02	0.380	0.408	0.020
KL02	0.418	0.408	0.020
KL02	0.410	0.408	0.020

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:

Jesse Deschutter

Assistant Manager - Thunder Bay

Certified By: Andrew Oleski

Lab Manager - Thunder Bay

Authorized By: Derek Demianiuk, VP Quality

Date Received: 09/01/2015

Job #: 201544073

Date Completed: 10/13/2015

Sample #: 168

Reference:

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Sample ID	Sampler	UTM Zone	Easting	Northing	Description	Client ID	Au (g/t)		Au Grav	
258001	MG	15N	400505	5516762	capped shaft rubble, sil. Vols w/ diss semi mass vein	258001		0.029		
258002	MG	15N	406859	5519470	hem. Alt. diorite, 1 cm qtz stringer, tr. Py	258002		0.012		
258003	MG	15N	401434	5517269	rusty, glossy qtz w/ vol. incl. tr. Py/ fallen from cliffsi	258003	<0.005			
258004	MG	15N	401323	5517616	sh. Vols, carb alt, rusty in colour, on contact to mica	258004		0.016		
258005	MG	15N	401323	5517616	8cm wide mass py seam mixed w/ very sil. Vols- diss	258005		0.024		
258006	MG	15N	401323	5517616	very sil. Vols. Rusty w/ pink qtz eyes >1% diss py, po	258006		0.007		
258007	MG	15N	401323	5517616	25% glassy rusty qtz w/ belbes of py 75% mass py	258007		0.023		
258008	MG	15N	404493	5518338	sugary/rusty rosey qtz w/ fine diss py patches	258008		0.06		
258009	MG	15N	404498	5518343	smokey white quartz w/ 5% diss fine grained py, tr a	258009		3.362		
258010	MG	15N	404510	5518343	rusty mafic volcanic with quartz fracture fills, sugary	258010		2.56		
258011	MG	15N	403805	5517227	chlorite and quartz fracture mafic volcanic rock from	258011		4.667		
258012	MG	15N	403805	5517227	smokey quartz rich sample (same as previous but co	258012	>10.000			283.347
258013	MG	15N	400595	5516951	rusty sil. Vols w/ fine diss py, po mainly po, 1%	258013		0.477		
258014	MG	15N	400604	5516959	rajah N, smokey qtz w/ 40% tour trace py, 20cm wid	258014		0.28		
258015	MG	15N	400593	5516956	smokey qtz,30% tour <1% py ass w/ tour, parallel ve	258015		0.524		
258016	MG	15N	400593	5516956	smokey/rusty qtz fine tour-trace py 2cm wide	258016		0.199		
258017	MG	15N	400603	5516962	very rusty sil. Vols. Sh fine py/po <1% sample taken	258017		0.017		
258018	MG	15N	400738	5517011	rajah shaft north of mine rubble, smokey sugary qtz	258018		0.008		
258019	MG	15N	400738	5517011	greyish/white qtz-lined with chlorite ser fract fills, <2	258019		0.037		
258020	MG	15N	400738	5517011	rubble from shaft, very rusty silicified volcanic rock v	258020		1.071		
258021	MG	15N	400584	5516866	rusty/sug well fracture qtz tour, tr py, north side of a	258021		0.042		
258022	MG	15N	400593	5516860	sh. Vols, w/ 30% rusty/glassy qtz w/ seams of mass p	258022		0.031		
258023	MG	15N	403543	5518130	rusty/orange altered diorite w/ very litte diss py, 0.4	258023		0.044		
258024	MG	15N	403526	5518113	princess occurrence waste pile, rusty sugary qtz sear	258024		0.006		
258025	MG	15N	403526	5518113	mainly orange qtz w/ parts smokey qtz/vols incl. fine	258025	<0.005			
258026	MG	15N	403526	5518113	same as previous sample, 60% rusty orange qtz, 40%	258026	<0.005			
258027	MG	15N	403526	5518113	sil. Well mineralized vols. w/ 10% diss po/<1% py	258027		0.005		
258028	MG	15N	403517	5518074	sil vol./felsic vols few specs of py-fract. Fills of mass	258028	<0.005			
258029	MG	15N	403517	5518045	qtz feldspr with 3cm veins <1% py ass w/ feldspar	258029	<0.005			
258030	MG	15N	403526	5517851	smokey/rusty fracture volcanic with quartz veins, pa	258030		0.904		
258031	MG	15N	403524	5517844	mainly orange qtz/carb with small patches of smoke	258031		0.039		
258032	MG	15N	403524	5517844	rusty sil./ carb felsic vols, slightly sheared, <1% diss p	258032		0.079		
258033	MG	15N	405319	5512590	slightly sil. Rusty vols, w. tr py	258033	<0.005			
258034	MG	15N	405349	5512192	50% rossy qtz/ 50% glossy rusty quart, few blebs of p	258034		0.006		
258035	MG	15N	405068	5512176	qtz carb vein, sugary qtz w/ a few specks of py az 06	258035	< 0.005			
258036	MG	15N	405068	5512176	slightly sheared, qtz flooded, strongly alt. qtz diorite	258036	< 0.005			
258037	MG	15N	405157	5512147	mainly oranges qtz. With a few specks py, 15cm wid	258037	< 0.005			
258038	MG	15N	405157	5512147	fine grained pink, strongly alt granite, tr py 1.3m wid	258038	<0.005			
258039	MG	15N	404808	5511606	sugary chertiy like yellowish qtz w/ small tour seams	258039		0.114		
258040	NG	15N	404808	5511606	50% orange/sugary qtz greenisn sugary qtz, mass py	258040		0.039		
258041	NG	15N	404808	5511000	20 It blast pit rubble same as previous two samples	258041		0.137		
258042	NG	15N	404852	5511621	rusty sugary well fracture qtz w minor py	258042		0.032		
258043	NG	15N	404852	5511621	qtz nooded vol. sn. 60% quartz, rusty/orange, minor	258043		0.225		
258044	MG	15N	404878	5511614	rusty/glassy qtz- vois inclusions a few specks of py in	258044	.0.005	0.022		
258045	NG	15N	404878	5511614	rusty/sugary qtz w. vois inclue tr py.	258045	<0.005			
258040	MG		404758	55114/4	giassy/rusty qtz w/ su% black tour. >1% py/ <1% po,	258040				
25804/	MG	15N	404/58	5511408	massive counnalme. 25% smokey quartz tr. Py, need	25804/				
20048	MG	15N	404/3/	5511454	Since $y/10$ sinc	230048				
200049	MG	15N	404/3/	5511454	came as previous minor po and py	230049				
20000U		15N	404/3/	5516717	and shafte much nile sil Val with minor stylalities	230030	~0.005	0 01 2		
200001	F I I	TOIN	400400	2210/12	on share, muck pile, sil. voi with minor stylolitic qu	230031		0.012		

Au Anom

Gold Values

High grade/vein
high grade
moderate
low grade
very low/nil

0.904

1.071

3.362 2.56 4.667 283.347

258052 PH	15N	406913	5519100 metavol. Felsic, slightly carb chl altered, 0.5cm qtz st	258052	0.076
258053 PH	15N	406895	5519092 metavol. Felsic with 2cm wide qv stringers, carb, lar	258053 <0.005	
258054 PH	15N	406891	5519081 metavol. Carb alt. 0.5cm qv strigners along fracture	258054	0.024
258055 PH	15N	406887	5519085 metavol, felsic 0.5cm qv. Stringers 1% po, py in fract	258055	0.016
258056 PH	15N	406875	5519079 meta vol, felsic quartz in fracture planes, 1% py tr, p	258056	0.007
258057 PH	15N	400212	5517432 angular float, possibly subcrop, metavol (felsic)stron	258057	0.006
258058 PH	15N	400393	5518173 10 cm wide qv. Carb oxidized in felsic vol, very small	258058 < 0.005	
258059 PH	15N	404545	5518350 old trench and shaft, black sturgeaon occurance, dic	258059	0.015
258060 PH	15N	404545	5518351 old trench/shaft black sturgeon/princess, diorite wa	258060	0.17
258061 PH	15N	404545	5518352 qv. Carb, oxidized, rosey/sugary qtz, tr cpy, 1% po, p	258061	0.18
258062 PH	15N	405159	5518478 15cm wide qtz carb veins, smokey grey qtz, strongly	258062	0.211
258063 PH	15N	405551	5518444 altered diorite, chlorite, carb qtz, stringers, trace cp,	258063	0.007
258064 PH	15N	404492	5518344 1m wide quartz vein, rosey colour, chl altered, tr py,	258064	1.27
258065 PH	15N	404492	5518344 wall rock! Of qv contact, Diorite (altered) carb, chl a	258065	0.358
258066 PH	15N	404485	5518329 altered diorite, 1% py, po, south side of shaft	258066	0.217
258067 PH	15N	404507	5518343 altered carbonate rich diorite, very rusty with 1-2%	258067	2.02
258068 PH	15N	404532	5518355 30cm wide qv in old trench, carb, rusty, rosie sugary	258068	0.47
258069 PH	15N	403799	5517226 12cm wide felsic 50% qtz vein, trace po, py	258069	0.19
258070 PH	15N	403799	5517226 diorite wall rock on contact of felsic 50% quartz vein	258070	0.171
258071 PH	15N	403814	5517210 diorite wall rock of contact to felsic volcanic, 50% qu	258071	0.761
258072 PH	15N	403879	5517266 strongly altered diorite, 30% qtz carb chl, alteration,	258072	0.198
258073 PH	15N	400627	5516924 mafic vol rock, fine to med grained, 1cm wide qv in s	258073	0.174
258074 PH	15N	400607	5516967 1m wide qv. 10% tourmaline alt. smokey gray slight	258074	0.59
258075 PH	15N	400607	5516967 wall rock, contact to 1m wide quartz vein, north wal	258075	0.06
258076 PH	15N	400645	5516999 mafic meta vol, silicaoues, rusty carb, chl, alteration	258076	0.01
258077 PH	15N	400650	5516996 mafic meta vol siliceous, rusty carb, mod sheared, 0.	258077	0.016
258078 PH	15N	400719	5517015 mafic meta vol coarse grained, carb altered,rusty ch	258078	0.148
258079 PH	15N	400719	5517015 mafic vol, chl schist shear on west side of shaft, tr pc	258079	0.115
258080 PH	15N	400645	5516893 qtz flooded mafic meta vol, 40% tourmaline, carb ar	258080	0.036
258081 PH	15N	400582	5516838 meta mafic vol, rusty carb, chl altered, 0.5% po, fine	258081	0.031
258082 PH	15N	404052	5517888 strongly alt. diorite, carb rusty 5% py, tr py	258082	0.048
258083 PH	15N	403798	5518267 mafic vol. fine grained, chl. Altered, tr py, up to 0.5%	258083 < 0.005	
258084 PH	15N	403801	5518268 mafic vol fine grained, tr py,po	258084 < 0.005	
258085 PH	15N	403851	5518319 mafic vol, fine to medium grained, 30% qtz stringers	258085 <0.005	
258086 PH	15N	403793	5518274 mafic vol, shear, 10% qtz, 0.5% py, tr po	258086	0.012
258087 PH	15N	405271	5512531 slightly rusted qtz diorite, trace of po, py	258087 <0.005	
258088 PH	15N	405250	5512508 medium grained diorite, tr py, po	258088 < 0.005	
258089 PH	15N	406194	5512367 silicous FLOAT, metal vol Subcrop, angular, tr po	258089 < 0.005	
258090 PH	15N	405047	5512195 diorite outcrop, strong biorite tr py	258090 < 0.005	
258091 PH	15N	405106	5512360 diorite outcrop, strong 10-20% biotite, tr py	258091	0.651
258092 PH	15N	405165	5512475 5cm wide qv, rusty rosie colouring, tr py, po	258092 < 0.005	
258093 PH	15N	405022	5512655 fine grained, diorite, look likes metavol, inclusions ir	258093 < 0.005	
258094 PH	15N	405061	5512562 fine grained diorite, rusty oxidized qtz stringers, tr p	258094 < 0.005	
258095 PH	15N	405012	5512342 coarse grained diorite, U.5% py, tr po	258095 <0.005	
258096 PH	15N	405000	5512293 Tine grained diorite w/ chi and qtz alt, slightly sheare	258096 < 0.005	0.404
258097 PH	15N	404760	5511942 Im wide sneared fine grained diorite, w/ matic vol k	258097	0.484
258098 PH	15N	404754	5511548 strongly sneared matic vol, fracture controlled qv sti	258098	0.022 811.U
258099 PH	15N	404765	5511511 30cm wide qv in smokey grey qv, matic vol host, stro	258099	0.007
258100 PH	15N	404753	5511446 100m wide qv in maric Vol, strong chi, tourmaline alt	258100	0.007
258101 KE	15N	400512	5510772 smokey carbonate qt2/ w tour. And chlorite frac fills	258103 <0.005	0.040
258102 KE	15N	401300	5510606 Sil. VOIS W/ diss py <1% same mag/qtz carb 2cm Wide	258102 <0.005	
258103 KE	15N	401318	5517612 red sugary quartz vein in mmvol.	228103 <0.002	

1.27

2.02

0.761

258104 RE	15N	401318	5517610 same as previous	258104 < 0.005			
258105 RE	15N	401312	5517614 sil. Alt. vols w/ seams of py and cpy	258105	0.017		
258106 RE	15N	404506	5518339 rusty sugary quartz vein in old trench, 2 m wide in m	258106	0.483		
258107 RE	15N	404506	5518339 2m wide qurtz vein, sampled margin of previous qv	258107	0.593		
258108 RE	15N	403805	5517227 sugary quartz with red tinge, tr po, <1% py, fine grai	258108 >10.000)	15.717	15.717
258109 RE	15N	400612	5516951 blast pit sample, quartz stockwork in dark volcanic r	258109 >10.000)	19.422	19.422
258110 RE	15N	400612	5516951 same as previous with less mafic volcanic wall rock,	258110	3.854		3.854
258111 RE	15N	400612	5516951 mafic volcanic rock, dark fine grained, with siliceous	258111	2.101		2.101
258112 RE	15N	400666	5516987 smokey sugary quartz w. py and po, blast rubble fro	258112	0.166		
258113 RE	15N	403532	5517849 py blebs in a quartz vein stock work with a mafic vol	258113	0.164		
258114 RE	15N	403532	5517849 smokey qtz vein with 1% py, tr po	258114	0.129		
258115 RE	15N	404885	5512653 mm vol, silicified from old blast pit, diss py throughc	258115 <0.005			
258116 RE	15N	405003	5512668 1m wide qtz vein, sampled margin which is sulphide	258116 < 0.005			
258117 RE	15N	405353	5512466 0.3m rusty alt zone on contact of mmvol, sample is r	258117	0.026		
258118 RE	15N	405183	5512477 0.3m rusty alt zone on contact of mmvol, sample is r	258118 < 0.005			
258119 RE	15N	404792	5512082 rusty quatz from blast pit, <1% fine grained diss py	258119 <0.005			
258120 RE	15N	404760	5511951 sugary quatz on contact to diorite, tr. Py	258120 < 0.005			
258121 RE	15N	404752	5511755 rusty wall rock of a quartz vein, w/ up to 2% diss py	258121	0.019		
258122 RE	15N	404709	5511493 rusty, sheared, diorite, coarse grains of py	258122 <0.005			
258123 RE	15N	404780	5511484 medium grained diorite, tr py, po	258123 < 0.005			
258124 RE	15N	404641	5511216 fine grained py in rusty quartz vein, 15cm wide in di	258124 <0.005			
258125 RE	15N	404634	5511195 same as previous, 20m away	258125	0.005		
258126 RE	15N	404679	5511258 very rusty quartz vein from volcanic rock, sample is	258126	1.399		1.399
258127 RE	15N	403230	5511303 sugary qv, 8cm wide in diorite, tr of cpy	258127	0.008		
258128 RE	15N	403203	5511288 rusty quartz vein in diorite, 7cm wide, 1% py tr cpy	258128	0.137		
258129 RE	15N	403203	5511288 sugary quartz vein, tr py	258129 <0.005			
258130 RE	15N	403165	5511316 blast pit sample, rusty quartz vein with 1% py fine gr	258130	1.572		1.572
258151 AP	15N	407086.3	5518944 alt, quartz doprote, reddish 4cm wide qv included a	258151	0.005		
258152 AP	15N	406745.8	5519703 Fe stained alt. qtz. Diorite, w/ hem sugary qtz vein 5	258152 <0.005			
258153 AP	15N	407280.6	5519688 diabase, med grained rusty, 4-5% fine-med grained i	258153 <0.005			
258154 AP	15N	407024.9	5519499 sheared maf. Mvol w/ qtz fractures, milky white qua	258154 <0.005			
258155 AP	15N	400328.3	5517252 m.mvol, qtz stringers, and stylolitic qtz veins in shea	258155 <0.005			
258156 AP	15N	400328.3	5517252 sheared felsic unit, qtz-biotite schist, parallel foliatio	258156 <0.005			
258157 AP	15N	400328.3	5517252 on contact to mmvol, andesite with biotite and epid	258157 <0.005			
258158 AP	15N	400321.8	5517332 on contact to mmvol, andesite with biotite and epid	258158 < 0.005			
258159 AP	15N	400385.6	5517362 rusty mmvol, chl schist w. boundinaged qtz veins	258159 <0.005			
258160 AP	15N	400385.6	5517362 more intensely planar shear, parallel foliation, tr po,	258160 < 0.005			
258161 AP	15N	400731.2	5517321 v. weak foliated mm.vol, qtz strginers w. quatz "blov	258161	0.017		
258162 AP	15N	400980.4	5517485 qtz-sericite schist, w/ coarse graines, subhedral, py,	258162 <0.005			
258163 AP	15N	401277.9	5517790 mm.vol dark grey w/ strong Fe staining, orange to w	258163 <0.005			
258164 AP	15N	401319.2	5517618 blueish qtz vein w/ phases of sugary Fe stained milk	258164 >10.000)	9.801	9.801
258165 AP	15N	401303.5	5517784 qtz stock work with sugary reddish qv's, in a foliated	258165	0.169		
258166 AP	15N	404499.7	5518334 waste pile and wallrock of shafte, diorite to granodi	258166	0.261		
258167 AP	15N	404469.3	5518331 alt wallrock of shaft, qtz diorite, w. coarse py, 2% po	258167	0.517		
258251 MG	15N	404617	5511192 smokey qtz w/ vols inclusions, with a few secs pf py	258251	0.014		
258252 MG	15N	404675	5511247 smokey qtz - 30% vols, 1% py, chl alt. > 1% py, <1% r	258252	0.008		
258253 MG	15N	404675	5511247 same rock type as previous, 0.4m wide, east side of	258253	0.025		
258254 MG	15N	404680	5511252 M.Vol with 25% of sample as quartz vein, orangish v	258254	1.927		1.927
258255 MG	15N	404680	5511252 sugary qtz w/ 1% fine py, few specs, of galena w. gre	258255	0.316		
258256 MG	15N	403227	5511324 chl and quartz altered diorite, shear zone south con	258256	1.674		1.674
258257 MG	15N	403227	5511324 same as previous sample but from adjacent vein (sa	258257	7.968		7.968
258258 MG	15N	403255	5511308 orange quartz vein from blasted shearzone pit, thes	258258 >10.000)	15.757	15.757

258259 MG	15N	403255	5511308 orange.white sugary qtz, 10% graphite, tr py	258259	0.034	
258260 MG	15N	403255	5511308 2m west of previous sample, graph alt. sheared dior	258260	0.018	
258261 MG	15N	403255	5511305 parallel zones to all previous samples from this locat	258261	2.921	2.921
258301 PH	15N	404710	5511202 slightly sheared, mafic meta vol, qtz on fracture plar	258301	0.011	
258302 PH	15N	404693	5511199 slightly sheared mmvol, chl carb al, fracture controll	258302	0.052	
258303 PH	15N	404667	5511200 slightly sheared mmvol, chl carb al, fracture controll	258303	0.014	
258304 PH	15N	404630	5511201 15 cm wide qv. Slightly alt, chl, w/ rosie colour qtz, C	258304 < 0.005		
258305 PH	15N	404596	5511133 20cm wide qv. Chl, rosie, smokey colour, tr po tr py	258305 <0.005		
258306 PH	15N	404779	5510955 sheared mafic vol, med grained, with 1% py, 0.5% pr	258306	0.034	
258307 PH	15N	403223	5511328 50cm wide qtz vein, w/ chlorite altered inclusions of	258307	1.335	1.335
258308 PH	15N	403223	5511328 wall rock/contact to previous sample, sheared diorit	258308	0.154	
258309 PH	15N	403239	5511311 50cm wide qv, rosie, rusty colour, chl and tourmalin	258309 <0.005		
258310 PH	15N	403239	5511311 wall rock/ contact of qv. Of prevous sample, slightly	258310	0.027	





402000^{.00000}



Appendix III – Prospecting Pictures



Aviator (Ace) Showing 1 (15N 400581 5516950) Looking SW (Az 210°) Phil Houghton in Picture for Scale



Aviator Outcrop (October 2015) Picture taken by GoPro on Drone – Shows digging completed in August but Channel Sampling concluded in early November (channeling not included in this report as Assays are still pending)