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New Dimension Resources Ltd.

2017 DIAMOND DRILLING REPORT ON THE SAVANT LAKE PROPERTY

Located in: Patricia Mining Division
Benner, Jutten, McCubbin, McGillis, Savant and
Poisson Townships & Solitude Lake Area

NTS 52J/07, 08, 09 and 10
50°26'27" N 90°30'00" W
678050 m E 5591700 m N (NAD 83, UTM Zone 15)

Northwestern Ontario, Canada

-prepared for-

NEW DIMENSION RESOURCES LTD.
Suite 960 - 789 West Pender Street,
Vancouver, British Columbia, Canada
V6C 1H2

-prepared by-

Murray I. Jones, P.Geo.
EQUITY EXPLORATION CONSULTANTS LTD.
Suite 1510 – 250 Howe St.
Vancouver, British Columbia, Canada
V6C 3R8

May 25, 2017

EQUITY

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1.0 SUMMARY

The Savant Lake Project (the "Project" or the "Property") is located approximately 250 kilometres northwest of the city of Thunder Bay, Ontario and 15 kilometres north of the town of Savant Lake, Ontario. The Savant Lake Project consists of 87 contiguous unpatented mining claims. The Property is 1,176 claim units encompassing a total area of approximately 18,816 hectares (188.2 square kilometres). The coordinates of the approximate centre of the Property is 678050 Easting and 5591700 Northing (NAD 83, UTM Zone 15). On April 1, 2016, New Dimension Resources Ltd. ("New Dimension") entered into an option agreement with four underlying vendors to earn 100% interest in the Savant Lake Project in return for cash and share considerations. In the winter of 2017, New Dimension conducted an 8-hole, 1626 m diamond drill program on the property to test for mineralization associated with targets generated by a 2016 airborne VTEM survey. This report covers the results of that drill program.

The Savant Lake Property lies in the Savant Lake greenstone belt, part of the western Wabigoon Subprovince of the Superior Province. The property is underlain by Mesoarchean to Neoarchean rocks, encompassing a basal section of mafic to felsic volcanic and sedimentary rocks that are unconformably overlain by clastic sedimentary rocks, some of which are at least partially derived form the lower succession. Slightly younger stocks of granite and quartz monzonite intrude in the north and south part of the property. At the south boundary of the property, younger supracrustal rocks of the Handy Lake Group occur west of Savant Lake and are known to host significant volcanogenic massive sulphide mineralization further south in the Wabigoon Subprovince. The Savant Lake area has been subjected to two phases of penetrative deformation that included strong folding, resulting in predominantly shallow plunging, east-west folds of D_1 being refolded by northeast-southwest trending, steeply plunging folds of D_2. The overall stratigraphy has been folded into a large, northeast-southwest trending D_2 synform that plunges to the southwest. The synform distributes the lower Mesoarchean succession around the periphery of the property with the core primarily occupied by the upper Neoarchean sedimentary succession, including abundant iron-formation horizons. The property is traversed by two D_2 shear zones, striking 070° to 090°, that include the strongly developed Kashaweogama Lake Shear Zone ("KLSZ") near the centre of the property and the moderately developed Stillar Bay Shear Zone ("SBSZ") in the south.

Gold mineralization occurs in numerous showings throughout the property. Gold showings are primarily sulphide replacement zones in banded silicate and oxide iron formations (BIF) and are widely scattered, although most occur within the Neoarchean sedimentary succession in the middle of the property. The showings are associated with ankerite alteration, pyrite and arsenopyrite replacement of BIF, and deformed quartz veins with sulphides and locally visible gold. Grab samples from a few of these showings return high grade gold, including 138.9 g/t Au at the Horseshoe Trench. The Wiggle Creek Showing occurs at the western extent of the KLSZ on the property and consists of a 60 m long by up to 0.5 m wide quartz vein that is variably mineralized. Minor disseminated sulphide zones are present, primarily in the Stillar Bay Shear Zone. The Stillar Bay Showing returned values up to 4.70 g/t Au over 0.5 m and 2.93 g/t Au over 1.8 m in diamond drill holes. A new discovery in 2016 occurs on Big Sandy island in Savant Lake where shear zones, 1 to 4 m wide, host up to 5% disseminated arsenopyrite and pyrite and anomalous gold in grab samples up to 3.64 g/t Au.

The KLSZ parallels and cross cuts iron formation for a 15 km strike length from the west boundary of the property, near the Wiggle Creek Showing, to Savant Lake in the east. The KLSZ provided an extensive fluid pathways into a permissive setting for BIF-hosted, sulphide-replacement gold mineralization, similar to that found in numerous large gold deposits in Canada and worldwide (Kerswill, 1993). Five holes were drilled within the KLSZ in the 2017 winter drill program. The holes were clustered where the KLSZ meets the west shore of Savant Lake and, in total, form a partial section perpendicular to the shear zone. The drill hole holes intersected interlayered argillite, greywacke and iron formation (up to 50 m thick), and tested four separate airborne EM anomalies plus a gold-arsenic soil geochemistry anomaly. Mineralization consisted primarily of several percent of pyrite and pyrrhotite, locally concentrated to 10%, as disseminations and as blebs/aggregates in quartz-carbonate veins. Arsenopyrite occurs locally up to 1-2%, primarily as

disseminations. Gold mineralization is generally weak, with the best values of 539 ppb Au over 1.25 m and 371 ppb Au over 1.50 m coming from hole NDR17-04.

Three drill holes tested the potential for polymetallic base and/or precious metal massive sulphide mineralization on the property. The airborne TDEM survey that was flown over the property in 2016 identified several strong conductors with a metalliferous signature in the volcanic rocks in the east part of the property. One of these, lying below Savant Lake, on the northwest side of Big Sandy Island, is located at the transition from mafic to intermediate and felsic volcanic rocks. Drill hole NDR17-03 was directed at the centre of this conductor and it intersected several layers of massive pyrite-pyrrhotite with local stringers of sphalerite within argillaceous rocks. A 13.5 m section of core from one of the massive sulphide layers grades 0.17% Zn, 0.06% Cu and 36 ppb Au. The interval is associated with silicification, local carbonatization and quartz-calcite stringers. There is a large, quartz-porphyritic igneous unit lying immediately below the zone, possibly representing a sub-volcanic intrusion. The conductor plate is quite large stretching about 500 m along strike and over 160 m down dip leaving room for more exploration.

The property should be evaluated further by focused mapping and geochemical and geophysical surveys prior to more drilling. This work should be directed to understanding the structural controls on the Big Sandy Showing and to develop additional drill targets within the KLSZ and in the vicinity of the volcanogenic massive sulphide targets.

2.0 INTRODUCTION

This report has been prepared for New Dimension Resources Ltd. (“New Dimension”) by Equity Exploration Consultants Ltd. (“Equity”). Equity was engaged by New Dimension to supervise and report on the 2017 winter drill program on the Savant Lake Property. The drill program took place from March 1 to April 5, 2017. This report has been prepared on the basis of personal observations, on assessment reports filed with the Ontario Ministry of Northern Development and Mines (“MNDM”), on data and reports supplied by New Dimension, on news releases issued by New Dimension and on regional geological publications by the Ontario Geological Survey. There is a complete list of references in Appendix A.

All map coordinates are UTM NAD83, Zone 15.

3.0 PROPERTY DESCRIPTION AND LOCATION

The Savant Lake Project (the “Project” or the “Property”) is located approximately 250 kilometres northwest of the city of Thunder Bay, Ontario and 15 kilometres north of the town of Savant Lake, Ontario (Figure 1). The Property is situated in the Benner, Jutten, McCubbin, McGillis, Savant and Poisson townships as well as in the Solitude Lake Area. The Property falls within the National Topographic System (NTS) map areas 52J/07, 08, 09 and 10.

The Savant Lake Project consists of 87 contiguous unpatented mining claims (Table 2, Figures 2). The Property is 1,176 claim units encompassing a total area of approximately 18,816 hectares (188.2 square kilometres). Coordinates for the approximate centre of the Property is 678050 Easting and 5591700 Northing (NAD 83, UTM Zone 15).

NEW DIMENSION RESOURCES

Savant Lake Project

Location

EQUITY	Date: 2017-05-25	Figure
	Proj: UTM Zone 15 (NAD 83)	1
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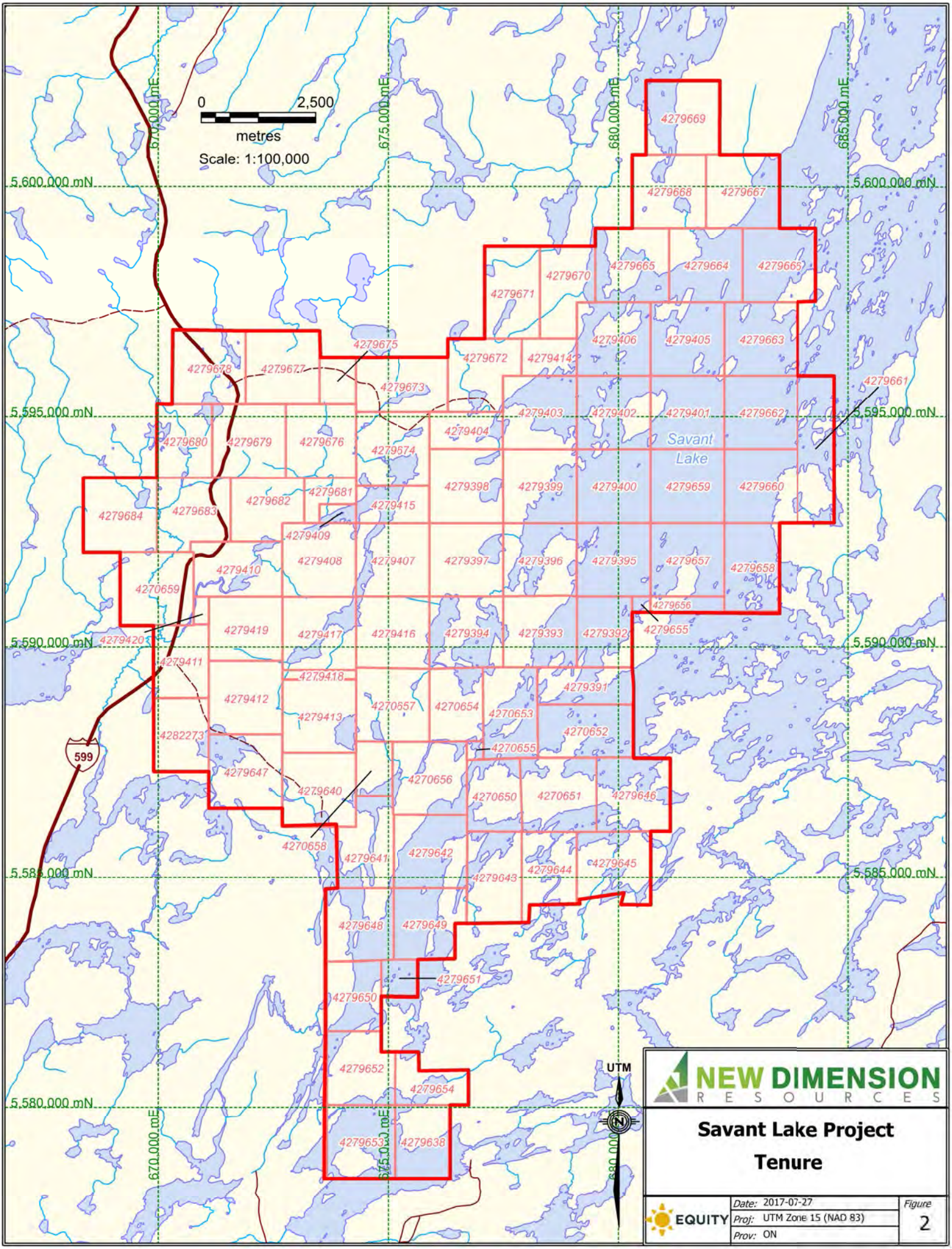
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NEW DIMENSION RESOURCES
Savant Lake Project
Tenure
EQUITY
Date: 2017-07-27
Proj: UTM Zone 15 (NAD 83)
Prov: ON
Figure
2

Table 1: Savant Lake Property claim details.

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Claim Units	Work Required	Total Applied	Total Reserve
POISSON	4270650	2012-Jun-25	2018-Jun-25	Active	12	$4,800	$19,200	$0
POISSON	4270651	2012-Jun-25	2018-Jun-25	Active	16	$6,400	$25,600	$0
POISSON	4270652	2012-Jun-25	2018-Jun-25	Active	15	$6,000	$24,000	$0
POISSON	4270653	2012-Jun-25	2018-Jun-25	Active	15	$6,000	$24,000	$0
POISSON	4270654	2012-Jun-25	2018-Jun-25	Active	12	$4,800	$19,200	$0
POISSON	4270655	2012-Jun-25	2018-Jun-25	Active	1	$400	$1,600	$1,523
POISSON	4270656	2012-Jun-25	2018-Jun-25	Active	16	$6,400	$25,600	$1635
POISSON	4270657	2012-Jun-25	2018-Jun-25	Active	16	$6,400	$25,600	$3750
POISSON	4270658	2012-Jun-25	2018-Jun-25	Active	6	$2,400	$9,600	$0
MCCUBBIN	4270659	2012-Jun-25	2018-Jun-25	Active	16	$6,296	$25,704	$15,495
POISSON	4279391	2015-Sep-09	2018-Sep-09	Active	11	$4,400	$4,400	$7,767
POISSON	4279392	2015-Sep-09	2018-Sep-09	Active	12	$4,800	$4800	$5,589
POISSON	4279393	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$14,325
POISSON	4279394	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$0
POISSON	4279395	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$1,106
POISSON	4279396	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$1,635
POISSON	4279397	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	2,164
POISSON	4279398	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	10,095
POISSON	4279399	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$3,750
POISSON	4279400	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$0
POISSON	4279401	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$4,279
POISSON	4279402	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$7,980
POISSON	4279403	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$3,221
POISSON	4279404	2015-Sep-09	2018-Sep-09	Active	8	$3,200	$3,200	$3,197
BENNER	4279405	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$9,566
BENNER	4279406	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$10,095
POISSON	4279407	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$49
POISSON	4279408	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$2,164
POISSON	4279409	2015-Sep-09	2018-Sep-09	Active	2	$800	$800	$0
MCCUBBIN	4279410	2015-Sep-09	2018-Sep-09	Active	15	$6,000	$6,000	$4,342
MCCUBBIN	4279411	2015-Sep-09	2018-Sep-09	Active	12	$4,800	$4,800	$301
MCCUBBIN	4279412	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$0
POISSON	4279413	2015-Sep-09	2018-Sep-09	Active	16	$6,400	$6,400	$4,279
POISSON	4279414	2015-Sep-09	2018-Sep-09	Active	6	$2,400	$2,400	$0
POISSON	4279415	2015-Sep-09	2018-Sep-09	Active	8	$3,200	$3,200	$0
POISSON	4279416	2015-Oct-16	2018-Oct-16	Active	16	$6,400	$6,400	$1
POISSON	4279417	2015-Oct-16	2018-Oct-16	Active	16	$6,400	$6,400	$0
POISSON	4279418	2015-Oct-16	2018-Oct-16	Active	2	$800	$800	$0
MCCUBBIN	4279419	2015-Oct-16	2018-Oct-16	Active	14	$5,600	$5,600	$0
MCCUBBIN	4279420	2015-Oct-16	2018-Oct-16	Active	3	$1,200	$1,200	$0

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Claim Units	Work Required	Total Applied	Total Reserve
JUTTEN	4279638	2016-Jun-20	2018-Jun-20	Active	12	$4,800	$0	$0
POISSON	4279640	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$2,115
JUTTEN	4279641	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
JUTTEN	4279642	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
JUTTEN	4279643	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
JUTTEN	4279644	2016-Jun-20	2018-Jun-20	Active	14	$5,600	$0	$0
JUTTEN	4279645	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
POISSON	4279646	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$529
MCCUBBIN	4279647	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
JUTTEN	4279648	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
JUTTEN	4279649	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
JUTTEN	4279650	2016-Jun-20	2018-Jun-20	Active	14	$5,600	$0	$0
JUTTEN	4279651	2016-Jun-20	2018-Jun-20	Active	4	$1,600	$0	$0
JUTTEN	4279652	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
JUTTEN	4279653	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
JUTTEN	4279654	2016-Jun-20	2018-Jun-20	Active	10	$4,000	$0	$0
POISSON	4279655	2016-Jun-20	2018-Jun-20	Active	1	$400	$0	$0
POISSON	4279656	2016-Jun-20	2018-Jun-20	Active	4	$1,600	$0	$0
POISSON	4279657	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCGILLIS	4279658	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
POISSON	4279659	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCGILLIS	4279660	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCGILLIS	4279661	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCGILLIS	4279662	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
SAVANT	4279663	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
BENNER	4279664	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
BENNER	4279665	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
SAVANT	4279666	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
SAVANT	4279667	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
BENNER	4279668	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
BENNER	4279669	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
BENNER	4279670	2016-Jun-20	2018-Jun-20	Active	14	$5,600	$0	$0
BENNER	4279671	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
POISSON	4279672	2016-Jun-20	2018-Jun-20	Active	14	$5,600	$0	$0
POISSON	4279673	2016-Jun-20	2018-Jun-20	Active	15	$6,000	$0	$0
POISSON	4279674	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$1058
POISSON	4279675	2016-Jun-20	2018-Jun-20	Active	6	$2,400	$0	$0
POISSON	4279676	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
POISSON	4279677	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
SOLITUDE LAKE AREA	4279678	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCCUBBIN	4279679	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCCUBBIN	4279680	2016-Jun-20	2018-Jun-20	Active	12	$4,800	$0	$0

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Claim Units	Work Required	Total Applied	Total Reserve
POISSON	4279681	2016-Jun-20	2018-Jun-20	Active	6	$2,400	$0	$0
MCCUBBIN	4279682	2016-Jun-20	2018-Jun-20	Active	11	$4,400	$0	$0
MCCUBBIN	4279683	2016-Jun-20	2018-Jun-20	Active	14	$5,600	$0	$0
MCCUBBIN	4279684	2016-Jun-20	2018-Jun-20	Active	16	$6,400	$0	$0
MCCUBBIN	4282273	2016-Jun-20	2018-Jun-20	Active	12	$4,800	$0	$0

On April 1, 2016, New Dimension Resources Ltd. ("New Dimension") entered into an option agreement with the underlying vendors, their percentage of ownership listed in Table 1.

Table 2: Vendor interest percentages in the Savant Lake Project.

Vendor	Percentage Interest
Steven Siemieniuk	25%
Garry Clark	25%
Karl Bjorkman	25%
Will Roberts	12.50%
Jason Shaver	12.50%

The option agreement with the optionors listed in Table 2 was for New Dimension to earn 100% interest in the Savant Lake Project in return for cash and share considerations noted below (all payments divided proportionally amongst optionors per their percentage held as listed in Table 2:

1. Issuing to the optionors the following shares:
    i. 100,000 shares in the capital of on execution of the agreement;
    ii. 100,000 shares in the capital of New Dimension on or before April 1, 2017;
    iii. 100,000 shares in the capital of New Dimension on or before April 1, 2018;
    iv. 150,000 shares in the capital of New Dimension on or before April 1, 2019; and
    v. 150,000 shares in the capital of New Dimension on or before April 1, 2020.

2. Paying to the optionors the following cash payments:
    i. CAD $20,000 payable on or before April 1, 2017;
    ii. CAD $20,000 payable on or before April 1, 2018;
    iii. CAD $30,000 payable on or before April 1, 2019; and
    iv. CAD $30,000 payable on or before April 1, 2020.

Upon successfully completing the earn-in phase of the Option Agreement, the optionors will transfer 100% legal title to New Dimension with the optionors retaining a 2% Net Smelter Return ("NSR") royalty on the claims. One-half of the NSR (1%) may be purchased by New Dimension at any time for CAD $1,000,000 (one-million dollars).

The vendors along with the Ontario Exploration Corporation ("OEC") have agreed in writing that the vendors are responsible for payment of a 1% NSR on claims 4270650 to 4270659 (inclusive) out of their 2% NSR.

New Dimension may terminate the Option Agreement upon giving 30 days notice to the vendors or may terminate its interest in certain claims so long as the claims are returned in good standing 90-days prior to their expiration date.

The claims comprising the Savant Lake Project have not been legally surveyed. The claims confer title to hard-rock mineral tenure only. Surface rights are held by the Crown, as administered by the Province of Ontario. The ownership of other rights (placer, timber, water, grazing, trapping, outfitting, etc.) over the Savant Lake property has not been investigated by the author.

In addition to its obligations under the terms of its option agreement with Paget, British Columbia law requires assessment expenditures to maintain tenure ownership past the current expiry dates. All claims are currently in good standing. The Government of Ontario requires eligible assessment expenditures of $400 per year per unit (16 hectares), prior to expiry, to keep the claims in good standing for the following year. The assessment report must be submitted by the expiry date.

There are no known environmental liabilities associated with the Property. The proposed exploration program in this report is subject to the guidelines, policies and legislation of the Ontario Ministry of Northern Development and Mines, Ontario Ministry of Natural Resources and Federal Department of Fisheries and Oceans regarding surface exploration, stream crossings, and work being carried out near rivers and bodies of water, drilling and sludge disposal, drill casings, capping of holes, storage of core, trenching, road construction, waste and garbage disposal.

The Ontario Mining Act requires Exploration Permits or Plans for exploration on Crown Lands for any activity outside of prospecting or mapping and sampling. The permit and plans are obtained from the Ministry of Northern Development and Mines. Processing periods of 50 days for a permit and 30 days for a plan while the documents are reviewed by the Ministry and presented to the Aboriginal communities whose traditional lands are located where the work is to be executed.

The Savant Lake Project currently has four valid Exploration Plans and four valid Exploration Permits (Table 3). The Plans and Permits cover a variety of exploration activities and allow for the diamond drilling of all high-priority targets identified in the 2016 VTEM survey. Details on each specific Plan or Permit can be found on the Ontario Ministry of Northern Development and Mines (“MNDM”) website.

Table 3: Exploration Plan and Exploration Permit list by claim.

Claim Number	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Permit	Exploration Permit	Exploration Permit	Exploration Permit
4270650	PL-15-10433		PL-16-10667		PR-15-10670		PR-16-10996	
4270651	PL-15-10433		PL-16-10667		PR-15-10670		PR-16-10996	
4270652	PL-15-10433		PL-16-10667		PR-15-10670		PR-16-10996	
4270653	PL-15-10433				PR-15-10670			
4270654	PL-15-10433				PR-15-10670			
4270655	PL-15-10433				PR-15-10670			
4270656	PL-15-10433		PL-16-10667		PR-15-10670			
4270657	PL-15-10433				PR-15-10670			
4270658								
4270659		PL-15-10438	PL-16-10667			PR-15-10674		
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4279392			PL-16-10667				PR-16-10996	
4279393								
4279394								
4279395			PL-16-10667	PL-16-10670			PR-16-10996	
4279396				PL-16-10670				PR-16-10998

Claim Number	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Permit	Exploration Permit	Exploration Permit	Exploration Permit
4279397				PL-16-10670				
4279398				PL-16-10670				
4279399				PL-16-10670				PR-16-10998
4279400				PL-16-10670				
4279401				PL-16-10670				
4279402				PL-16-10670				PR-16-10998
4279403				PL-16-10670				PR-16-10998
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4279641								
4279642			PL-16-10667					
4279643			PL-16-10667				PR-16-10996	
4279644			PL-16-10667					
4279645								
4279646			PL-16-10667				PR-16-10996	
4279647			PL-16-10667				PR-16-10996	
4279648								
4279649								
4279650								
4279651								
4279652								
4279653								
4279654								
4279655			PL-16-10667				PR-16-10996	
4279656			PL-16-10667				PR-16-10996	

Claim Number	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Plan	Exploration Permit	Exploration Permit	Exploration Permit	Exploration Permit
4279657			PL-16-10667				PR-16-10996	
4279658								
4279659								
4279660								
4279661								
4279662								
4279663								
4279664				PL-16-10670				
4279665				PL-16-10670				
4279666								
4279667								
4279668								
4279669								
4279670				PL-16-10670				
4279671								
4279672				PL-16-10670				
4279673								
4279674								
4279675								
4279676								
4279677								
4279678								
4279679								
4279680								
4279681								
4279682								
4279683			PL-16-10667					
4279684			PL-16-10667				PR-16-10996	
4282273								

4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

4.1 Accessibility

General access to the Property is via Highway 599, which runs north-south through the western edge of the claim group. Property access to the internal claims is either by the trail to Wildewood Resort or the trail that heads east from Highway 599 towards Cliff and Roma's Wilderness Camp and the Cat Track Lodge. The Property can also be accessed by float plane or by a series of portages in through Jutten Lake to the south of Savant Lake, the details of which are not known by the author. Accommodations for access by float plane or by portage would be the Four Winds Motor Hotel in Savant Lake, Ontario. Accommodations for staying on Savant Lake and accessing the Property by boat are the three lodges/camps mentioned above, all of which provide cabin rentals, boat and motor rentals, and gasoline.

Alternatively, access to the western claims in Stillar Bay can be made via a series of logging roads that runs southeast from Highway 599 and Highway 516 intersection to within 1 to 2 km of the Property boundary in places.

4.2 Local Resources and Infrastructure

The closest community of any appreciable size is Sioux Lookout, Ontario, with a population of approximately 5,000. Sioux Lookout is located 60 km north of Trans-Canada Highway 17 on Highway 72 and is accessed from the Property via Highway 516, a distance of approximately 120 km. Sioux Lookout is a forestry, mining and tourism oriented community and is a source of some exploration and mining equipment, supplies and personnel.

Both Thunder Bay, Ontario and Winnipeg, Manitoba are within a day's drive via Highway 599 and Trans-Canada Highway 17. The Canadian National Railway main line passes within 20 km south of the Property, intersecting Hwy 599 at the village of Savant Lake. The Sioux Lookout airport has a number of flights daily with service to Thunder Bay, Winnipeg and other destinations. The Thunder Bay and Winnipeg airports host numerous commercial national and international flights daily. Several small lakes, ponds and streams on the claim group could supply limited quantities of water. Power lines stretch along Highway 599 and there is a proposed 220 kV line that may be constructed by Watay Power. The closest source of natural gas is the Trans-Canada line lying along the Highway 17 corridor, 130 km to the south.

The current land holdings are sufficient to allow for exploration. There are currently no encumbrances on surface rights other than the fishing lodges and the potential surface rights holdings can be triggered when the claims go to lease. However, it is beyond the author`s scope to determine whether or not the current land holdings are sufficient for development of infrastructure to sustain a mining operation.

4.3 Physiography and Climate

Topography on the Property is characterized by small hills surrounded by narrow incised valleys that appear to align with both the structural features of the underlying bedrock and the most directions of glacial movements. Small wetland areas occupy topographic depressions. Tree cover consists of white and jack pine, birch, spruce and balsam on elevated topography, as well as cedar, spruce, birch and tamarack in swampy lowlands. Overburden is comprised of boulder laden glacial till and outwash deposits, with muskeg and organic deposits in low-lying areas. Outcrop is estimated to make up no more than 10% of the total area.

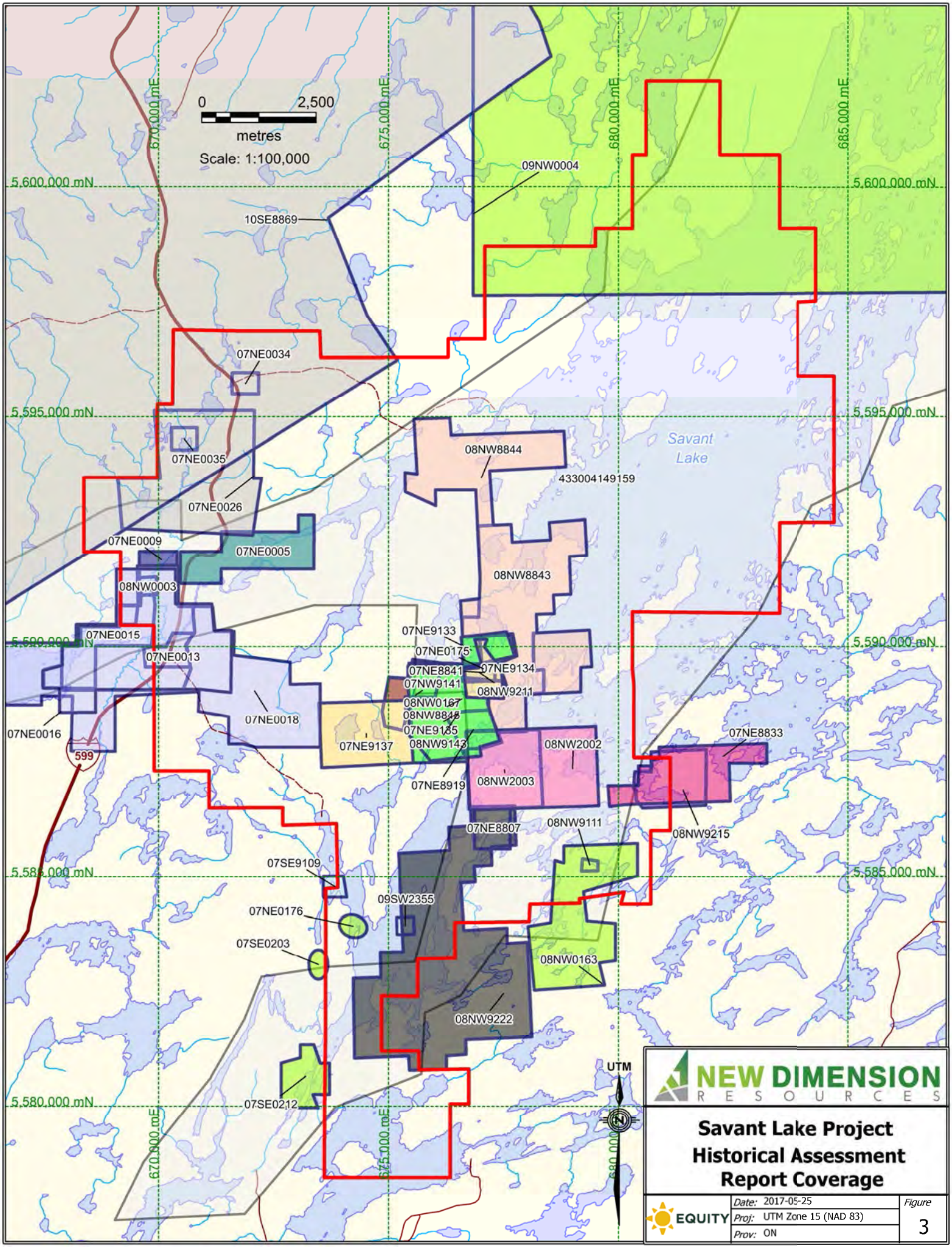
The area has a northern boreal climate, with short, warm summers and cold winters with moderate snowfall. Freezing temperatures can be expected to occur from late October through mid-May. Ground access to the property might be hampered in spring by wet and slippery conditions along roads and trails.

5.0 HISTORY

This section describes historical exploration and work conducted by previous operators within the boundaries of the Savant Lake Property. Any work mentioned that falls outside of the current Property boundary is clearly indicated. The property history is based on information obtained from assessment files pertaining to NTS area 52J/07, 08, 09 and 10 obtained digitally on the Ministry of Northern Development and Mines online geoscience database. It should be noted that the historical property boundaries associated with the following reports in the information below were not the same as those of the current claims. In many cases assay results from these materials are not supported by signed assay certificates and therefore cannot be verified by the author.

Reference to AFRI and AFRO #'s are provided to assist the reader in finding the referenced reports. These numbers can be searched online at www.geologyontario.mndm.gov.on.ca.

Figure 3 shows the location of the claim groups relevant to the AFRI# described below.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07NE9134
07NW9141
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07NE9135
07NE9137
08NW9143
07NE8919
08NW2002
08NW2003
07NE8833
08NW9215
07NE8807
08NW9111
07SE9109
09SW2355
07NE0176
07SE0203
08NW0163
08NW9222
07SE0212
UTM
N
NEW DIMENSION RESOURCES
Savant Lake Project
Historical Assessment
Report Coverage
EQUITY
Date: 2017-05-25
Proj: UTM Zone 15 (NAD 83)
Prov: ON
Figure
3

5.1 Exploration History

1967 - The Agloma Steel Corp

AFRI #: 52J07NW9141

In 1967, Algoma Steel conducted a ground magnetometer survey that covered a portion of the current claim group south-southwest of One Pine Lake. The ground surveys were following up on previously identified airborne magnetic anomalies. It was determined that magnetite iron formation was the source of the magnetic anomalies with magnetite iron formation up to 20 feet (6 metres) thick observed at grid line CL51+00E.

1971 - Canadian Nickel Co Limited

AFRI #: 52J07SE9109

In 1971, Canadian Nickel Co. of Canada Limited drilled a single 162' (49 m) diamond drill hole (hole 48598) on an island that is located near the NW corner of current claim 4279648. Drilling intersected a significant amount of graphite. No assay values were reported.

1971 - Noranda Exploration Co Ltd

AFRI #: 52J07SE0212

In 1971, Noranda Exploration Co. Ltd. conducted line cutting as well as ground-based electromagnetic and magnetic surveys over a small portion of the current claim group, on or near claims 4279648, 4279650 and 4279652 in the southern portion of the current Savant Lake Project. Other parts of this survey fall off of the current claim group. A number of conductors were identified and more work was recommended.

1971 - Noranda Exploration Co Ltd

AFRI #: 52J08NW0163

In 1971, Noranda Exploration Co. Limited conducted line-cutting and ground electromagnetic and magnetic surveys over a small portion of the current claim group near or on claim 4279644. Several conductors were identified off the current Savant Lake Property, coincident with airborne anomalies, and it was recommended to map the property in detail.

1971 - United Macfie Mines Ltd.

AFRI #: 52J08NW9215

In 1971, United Macfie Mines Ltd. conducted ground magnetics and electromagnetics over their claim group. Only a small portion of this program overlaps the current Savant Lake Project claim group on or near claim 4279646. It was reported that a major conductor lies on what is now the Savant Lake Property under the lake (historical claim PA280977). Further surveying, interpretation and drilling was recommended.

1972 - Noranda Exploration Co Ltd

AFRI #: 52J07NE0176

In 1972, Noranda Exploration Co. Ltd. drilled three diamond drill holes totalling 732.7 feet (223.4 metres). Holes J1-72-1 and 1A were drilled on historical claim PA274935 and hole J1-72-2 was drilled on PA263044. Both drill holes fall within the current Savant Lake Property on what is now claim 4279658.

All holes were testing geophysical conductors. Holes J1-72-1 and 1A intersected conductive graphitic intervals interbedded with carbonate and pyrite. Anomalous zinc and silver assay values were reported in hole J1-72-1A. Hole J1-72-2 did not encounter a source for the geophysical conductor and it was speculated that the source was a "wet shear zone" in the drill log. No assaying was reported.

1972 - Noranda Exploration Co Ltd

AFRI #: 52J07SE0203

In 1972, Noranda Exploration Co. Ltd. drilled a single 248-foot (75.6 metre) hole on historical claim PA263047 targeting a geophysical conductor. Hole J1-72-3 falls near the western edge of current claim 4279650 near the western edge of the Savant Lake Property. The drill hole intersected a zone of graphite containing up to 5% pyrite which explained the source of the conductor. No assaying was reported.

1972 - Noranda Exploration Co Ltd

AFRI #: 52J08NW9111

In 1972, Noranda Exploration Co. Ltd. drilled a single 300-foot (91.5 metre) hole on historical claim PA230327 targeting a geophysical conductor. Hole RO-72-1 falls in the southwestern quadrant of current mining claim 4279645. A five-foot (1.52 metre) zone of talc schist with 3-5% sulphides surrounding a 4-foot-wide quartz vein with massive pyrrhotite along with trace chalcopyrite and galena was reported as being the source of the conductor (conductive over narrow intervals). One assay was reported over this entire 1.52-metre section with grades of 0.16 oz/t silver, 0.53 wt. % copper, 0.53 wt. % zinc and 0.20 wt. % lead and only trace gold.

1975 - Geophysical Engineering Limited

AFRI #: 52J07NE0035

In 1975, Geophysical Engineering Limited drilled a single 525-foot (160 metre) hole on historical claim PA410882, targeting a geophysical conductor. Hole U-1 falls near the center of current mining claim 4279680. The drill hole encountered intercalated andesite, tuffs and slaty sediments. A conductive zone was reported at 216.2 feet downhole depth, with a 2.4-foot (0.73 metre) zone of semi-massive sulphides consisting dominantly of pyrrhotite with minor chalcopyrite. No significant assays were reported.

1976 - Umex Ltd.

AFRI #: 52J10SE8869

In 1976, Questor Surveys Ltd. flew an airborne magnetic survey for Umex Ltd. A small portion of this survey falls within the current Savant Lake Property with a majority of it falling outside of the Property to the northwest.

1978 - Umex Ltd.

AFRI #: 52J07NE0026

In 1978, Umex Ltd. conducted ground magnetic and VLF surveys within the NW quadrant of the current Savant Lake Project. The VLF survey showed two E-W trending anomalies, one of which had already been drilled. No further work was recommended.

1980 - Ram Petroleum Limited

AFRI #: 52J07NE9133

In 1980, Mr. Ray Ramsay conducted line cutting and a ground geophysical survey on a group of claims in Poisson Township that is part of the current Savant Lake Project. The project was centered roughly on claim 4270654 but did not include the One Pine gold occurrences. The geophysical survey identified a number of BIF layers that appear to be faulted in a northwesterly direction and sheared in a west-northwesterly direction. The VLF survey showed conductivity anomalies associated with iron formation horizons that may be indicative of massive sulphides. Follow-up work was recommended on five target areas.

1981 - Ram Petroleum Limited

AFRI #: 52J07NE0018

In 1981, Ram Petroleum Limited conducted a 113 line-km REXHEM-1 helicopter geophysical survey over a portion of the current Savant Lake Project extending from the western boundary through the middle of the claim group over to the One Pine Lake occurrences. Several anomalies were identified and follow up ground truthing was recommended.

1981 - Stargazer Res

AFRI #: 52J09SW8880

In 1981, Stargazer Resources conducted a regional-scale gold exploration program covering 33,500 hectares, a portion of which covered the current Savant Lake Project. Work included biogeochemical sampling, rock chip sampling, prospecting and reconnaissance geological mapping of the claim block as well as of gold prospects in the area. No significant results were returned within the current Savant Lake Project Area due to the limited focus in this area.

1982 - Raylloyd Mines and Explorations Ltd.

AFRI #: 52J07NE0016

In 1982, Raylloyd Mines and Explorations Ltd. completed magnetic and electromagnetic surveying over the Raylloyd-Ram Petroleum property, which covers the Wiggle Creek Occurrence within the current Savant Lake Project. They survey was successful in identifying a number of VLF-EM anomalies that were also coincident with the magnetic iron formation. Prospecting and trenching were recommended to follow up.

1982 - Abitibi Price

AFRI #: 52J07NE9134

In 1982, Abitibi-Price conducted blasting and sampling in the vicinity of the One Pine Lake gold occurrences. The limited program returned a best assay of 4.11 g/t Au. No sample descriptions or detailed trench maps were provided.

1982 - R Ramsay

AFRI #: 52J07NE9135

In 1982, Bowdidge and Associates Ltd. conducted geological mapping on the One Pine Lake gold occurrences and the Shoal occurrence for Ram Petroleum Ltd. and Ray Ramsay. Bowdidge indicated that the presence of clearly defined folds and cross cutting structures in the One Pine Lake area should be considered favourable indications of gold mineralization. Grab samples from trenching returned values ranging from 5.8 to 2.50 oz/ton gold. It was recommended that further exploration should be directed at the axes of folds in BIF and the intersections of BIF with the east-west trending VLF conductors.

1982 - Savant Exploration

AFRI #: 52J08NW0167

In 1982, Savant Explorations Limited conducted an evaluation of the Savant Lake Gold Property, which covered the One Pine Lake and Shoal occurrences. Grab samples of up to 26.7 g/t Au and 3.4 g/t Ag from narrow (1-2.5 cm) pyrite bearing quartz veins were reported from the Shoal occurrence and further work was recommended to include diamond drilling.

1983 - Raylloyd Resources Ltd.

AFRI #: 52J07NE0034

In 1983, Raylloyd Resources Ltd. completed a number of diamond drill holes that targeted VLF anomalies. A majority of these holes lie just off the property whereas the holes falling on the current Savant Lake claims are described below:

Hole K5-1 (137.2 metres) was drilled on current mining claim 4279411 and targeted a VLF anomaly. Only two samples were taken, with both comprising narrow quartz- and pyrite-bearing chloritic seams in tuffaceous greywacke. One of these samples returned 640 ppb gold over 0.1 m. Pyritic iron formation was encountered further down the hole.

Hole K8-1 (157.6 metres) was drilled on current mining claim 4279411. Graphitic argillite was encountered in the hole along with chloritic tuff. Limited sampling returned a best assay value of 93 ppb gold over 0.9 m.

1983 - Abitibi-Price Inc.

AFRI #: 52J08NW9211

In 1982, Abitibi-Price Inc. conducted Max-Min II and EM-16 ground geophysical surveys on their Savant Lake claims with the aim of delineating base metal massive sulphides. The majority of this historical survey falls within the current Savant Lake Project on claim 4279646. A number of conductors were identified and a follow-up geological mapping program was recommended.

1983 - Raylloyd Resources

AFRI #: 52J07NE0009

In 1983, G.M. Hogg and Associates Ltd. conducted a diamond drill program on the Wiggle Creek prospect for Raylloyd Resources. The program consisted of 11 diamond drill holes for a total of 3,740 feet (1,140 metres). This program was following up on geophysical anomalies as well as gold encountered in trenches discovered by Ray Ramsay in 1982.

Strongly veined quartz-carbonate zones ranging in drilled thickness from 15 to 50 feet (4.5 to 15.2 metres) were encountered over the 500-foot (152 metre) strike length tested. These zones were found to host sporadic pyrite and arsenopyrite mineralization as well as anomalous gold values. The best assay results include:

- Hole W-1: 1.4 feet at 0.50 oz/ton gold (0.43 m at 17.1 g/t Au)
- Hole W-5: 1.0 feet at 0.49 oz/ton gold (0.30 m at 16.8 g/t Au)
- Hole W-11: 1.0 feet at 0.30 oz/ton gold (0.30 m at 10.3 g/t Au)

Inclusion of lower grade assays in these areas yields composite values in the 0.05 to 0.10 oz/ton Au range over widths of 5 to 6 feet (1.7-3.4 g/t over 1.5 to 1.8 metres).

1983 - Raylloyd Resources, Ram Petroleum Ltd. and Raymond & Ramsay

AFRI #: 52J07NE0013

In 1983, Raylloyd Resources Ltd., Ram Petroleum Ltd. and Raymond & Ramsay completed a number of diamond drill holes targeting VLF ± coincident magnetic anomalies. Holes falling on the current Savant Lake Property are described below:

Hole J6-1 (456 feet; 139 metres) was drilled on current mining claim 4279411 targeting a VLF anomaly. Highly graphitic sections of argillite were encountered and no assaying was reported.

Hole K9-1 (400 feet; 130 metres) was drilled on current mining claim 4279411 and targeted a coincident magnetic and VLF anomaly. Graphite schist as well as chloritic rock with weak magnetic susceptibility was encountered along with some quartz veining, pyrite and arsenopyrite. Only a few samples were taken with the best assay returning 200 ppb gold over 1.2 feet (0.36 metres).

Hole K7-1 (400 feet; 130 metres) was drilled on current mining claim 4279411 and also targeted a coincident magnetic and VLF anomaly. Drilling encountered diorite, greywacke and chloritic tuffs, as well as quartz veining and arsenopyrite mineralization. The best assay result comprised 34 ppb gold with 1000 ppm arsenic.

1984 - Savant Exploration

AFRI #: 52J07NE8919

In 1984, Ray Ramsay and Savant Exploration drilled 7 holes totalling 2,099 feet (640 m) on the Shoal Prospect. Drill logs report wide zones of carbonated, altered and variably mineralized greywacke and magnetite iron formation. However, assaying was limited and assay values were generally low, with the best result returning 0.06 oz/t Au over 1.9 feet (2.1 g/t over 0.58 metres) in hole 84-3 from a zone of pink quartz-carbonate veining in strongly oxidized greywacke with 1% disseminated pyrite.

1984 - Ray Ramsay

AFRI #: 52J07NE9137

In 1984, Ray Ramsay conducted mapping and sampling on the Snowbird Lake gold project, which is located on the current Savant Lake Property. Ray Ramsay describes the Snowbird Lake vein showing as consisting of a quartz vein that is conformable to bedding, enclosed in iron formation, roughly 20 cm thick and grading up to 27.4 g/t Au. The Snowbird Lake vein was off of the Ray Ramsay property but strike indicated that it would run onto the project. Ramsay recommended that a magnetometer and VLF survey be conducted over the area to clearly define the iron formation folds and cross-cutting structures, which would be considered favourable for gold mineralization.

1985 – Ram Petroleum Ltd. and Ray Ramsay

AFRI #: 52J07NE0175

In 1985, Bowdidge and Associates Ltd. conducted a line-cutting, mapping, sampling, ground magnetic and VLF surveys on the One Pine gold prospect for Ram Petroleum and Ray Ramsay.

Sampling near historical trenches of the One Pine Lake occurrence returned samples running 13.3 g/t, 11.1 g/t, 7.1 g/t, and 3.7 g/t gold. Host rocks consist of variously altered and pyritized greywacke and intercalated magnetite iron formation.

An initial phase of diamond drilling totaling 1,250 feet (381 metres) was proposed to test the mineralization at the main showing as well as selected VLF anomalies.

1987 - Macarthur Mills Explorations Ltd.

AFRI #: 52J08NW8843

In 1987, McArthur Mills Explorations Ltd. conducted an exploration program on their Savant Lake Gold Property, which lies within the current Savant Lake Project. Reconnaissance prospecting within the claim group located a wide north-easterly trending shear zone just west of Girard Island, in Savant Lake, that is prospective for gold. Results from this initial prospecting program were disappointing but a second phase of work was recommended that would focus on unexplored segments of this large shear zone.

1988 - Placer Dome

AFRI #: 52J07NE0005

In 1988, Placer Dome conducted ground magnetics and horizontal loop EM ground geophysics on an area that falls within the current Savant Lake Project boundary. The EM survey did not detect any conductive responses. Following up on folded magnetic features in the iron formation was recommended.

1988 - Macarthur Mills Explorations Ltd.

AFRI #: 52J08NW8844

In 1988, Macarthur Mills Explorations Ltd. conducted ground magnetics and Max-Min II EM surveys on portions of their project that fall within the current Savant Lake Project. Only one area in the north claim group produced a favourable geophysical response that was interpreted as sulphide altered iron formation. This occurrence is in the centered in the northern half of current claim 4279399 (Target 5; 2016 VTEM Survey). A program of detailed mapping, sampling and stripping was recommended to follow up on this anomaly.

1989 - Placer Dome

AFRI #: 52J08NW8845

In 1989, Placer Dome conducted ground magnetic and VLF-EM surveys on the One Pine Lake option, which is in the current Savant Lake Property. Eleven conductive horizons were located although most of these were attributed to surficial conductivity. Magnetics reportedly outlined a large "S" fold and a dextral fault.

1989 - Placer Dome

AFRI #: 52J07NE8841

In 1989, Placer Dome drilled one hole for 229 feet (70 metres) near the One Pine Lake Showing. Drilling intersected greywacke, siliceous sandstone, minor argillite and iron formation with 5-30% magnetite. Sampling was apparently done but no results were reported.

1991 - G Gorzynski and E Ewen

AFRI #: 52J09SW0004

In 1991, G. Gorzynski and E. Ewen conducted an Ontario Prospectors Assistance Program (OPAP) funded exploration program that included a number of gold occurrences that are on the current Savant Lake Project. This program was designed to follow up on a small-scale 1990 OPAP-assisted reconnaissance program that identified a number of gold-in-soil anomalies.

During this program the Horseshoe Trench and the L28W,25S Trench were visited and described. The Horseshoe Trench was reported to contain abundant visible gold in a 2-4 cm wide quartz vein. One grab sample returned 14.4 g/t Au (reported in AFRI 52J08NW0003).

The L28W,25S Trench hosts a 1 metre wide zone with 25% deformed quartz veins and 10% locally sulphidized magnetite iron formation. Initial grab samples from the zone returned 15.5 g/t Au and 10.1 g/t Au. Chip samples returned values of 1.8 g/t Au and 2.4 g/t Au over 1.82 m (reported in AFRI 52J08NW0003).

Further follow up work was recommended.

1992 - G Gorzynski and E Ewen

AFRI #: 52J08NW0003

In 1992, G. Gorzynski and E. Ewen conducted another OPAP-funded exploration program covering a number of gold occurrences that are on the current Savant Lake Project as well as numerous occurrences outside of it. This program was designed to follow up on the 1991 OPAP assisted program described above.

No further work was recommended.

2000 - Band Ore Resources

AFRI #: 52J08NW2002

AFRI #: 52J08NW2003

In 2002, Band-Ore Resources drilled 8 holes on what is now the Stiller Bay gold showing. Drilling encountered silica-sulphide iron formation within a broader mafic-intermediate metavolcanic package. Assay highlights included 2.14 g/t Au over 0.4 m, 2.93 g/t over 1.8 m, 3.26 g/t over 1.22 m, 4.70 g/t over 0.5 m.

2014 - Parkside Resources Corp.

In 2014, Parkside Resources Corporation optioned the Wiggle Creek and the Savant Lake claim blocks, both of which still exist today as part of the Savant Lake Project. Two Ontario Exploration Corporation grants were applied to the projects with a focus on locating and sampling the historical showings. A total of 117 samples were taken and 57 of those were sent off for gold assay. Assay results ranged from below detection limit to 138.9 g/t Au in a sample containing visible gold from the Horseshoe Trench. A total of 35 samples returned an assay greater than 1.0 g/t Au. The program was successful in locating historical showings and confirming the presence of high grade gold mineralization.

2015 - Independence Gold

In 2015, Independence Gold Corporation assumed the option agreement from Parkside Resources. Independence Gold commissioned an independent review of the government airborne magnetics and frequency domain EM data, who then recommended flying an airborne time-domain EM and magnetic survey. Two Independence Gold geologists visited the project for a short field visit in the Fall of 2015 to do some regional investigation of the project. A total of 86 samples were submitted for assay and only 3 returned

values of greater than 1.0 g/t Au. The project was returned and the option agreement cancelled in the fall of 2015.

2016 – New Dimension Resources Ltd.

Field work by New Dimension on the Savant Lake Project in 2016 was conducted in two phases: (1) an airborne magnetic and electromagnetics survey and modelling; and (2) ground follow-up of geophysical targets and final selection of drill targets (Siemieniuk, 2017).

New Dimension Resources Ltd contracted Geotech Ltd to fly a VTEM magnetic and Time Domain Electromagnetic (TDEM) survey. The survey took place from May 15 to 19, 2016, and 925 line-km of data was collected. Due to significant changes in geological trends within the property, the survey was divided into two blocks with flight lines perpendicular to each other. The survey was subsequently interpreted and EM targets modelled by Martin St. Pierre of St. Pierre Geoconsultant Inc. (St. Pierre, 2016).

Thirteen targets were modelled, of which seven are located within the Westshore sediment-iron formation package and the rest occur within volcanic rocks. Although ground TDEM was recommended, the modelling identified five targets that are definitive enough to be drill ready. These are Anomalies 5b and 8b within the iron formation package, and 11a, 15, and 18 located within mafic volcanic rocks. These targets were drilled as part of the 2017 winter drilling program discussed in this report.

Following the promising results from the VTEM survey further follow-up work was conducted on the Project. From August 23rd to September 9th, 2016 an 18-day prospecting and sampling program was conducted over various targets on the property (Nuttall, 2016a). A total of 252 surface rock samples were collected in 16 different areas that were identified as prospective from the airborne survey (Nuttall, 2016a).

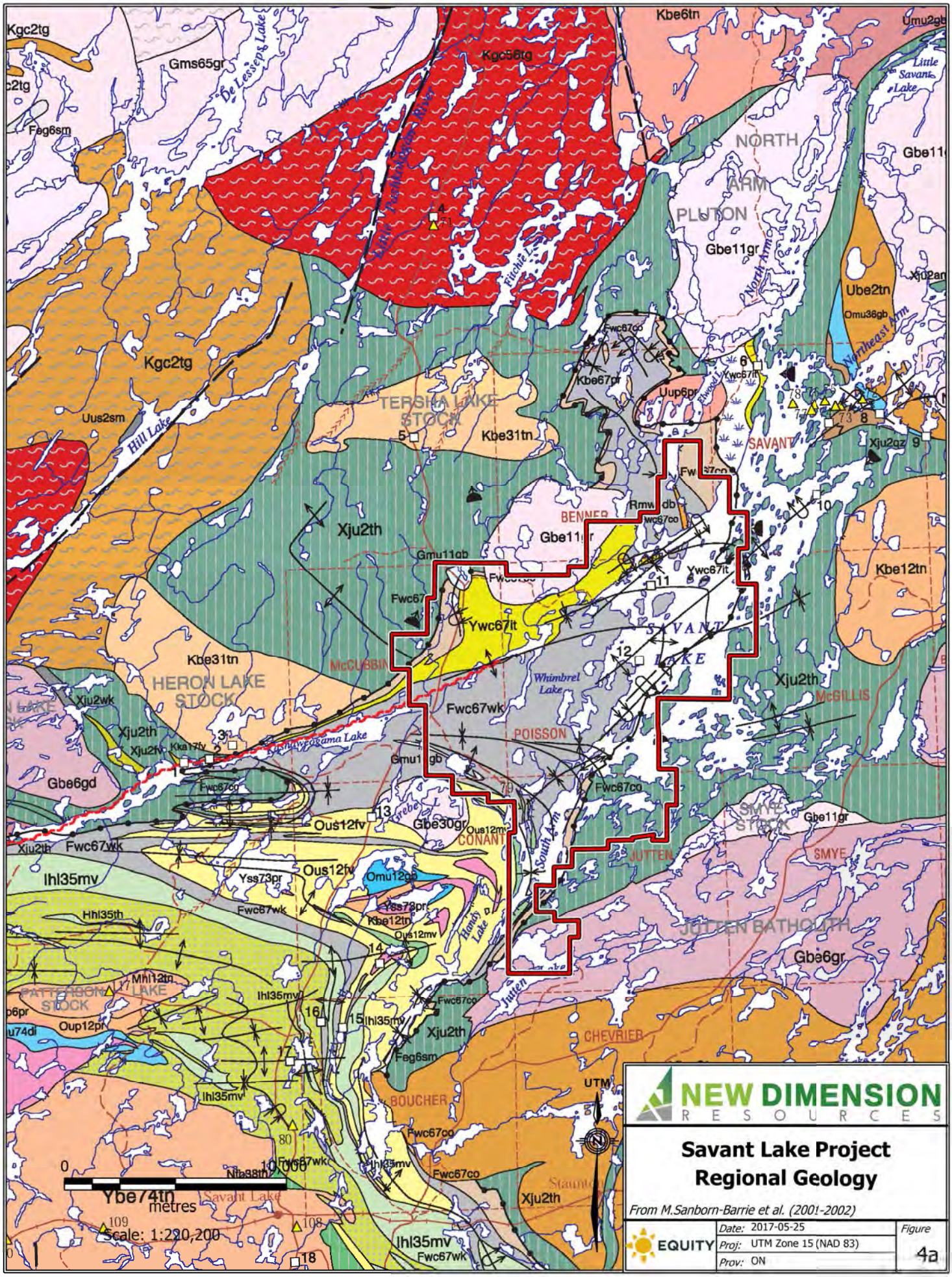
6.0 GEOLOGICAL SETTING AND MINERALIZATION

6.1 Regional Geology and Mineralization

The Savant Lake property lies in the Savant Lake Greenstone Belt (“SLGB”), which is in the eastern part of the ca. 2.92-2.70 Ga Western Wabigoon Subprovince (“WWS”) (Sanborne-Barrie et al., 2002) of the Superior province in northwestern Ontario (Figure 4). The lowermost part of the WWS consists of Mesoarchean quartzite (ca. 3.0-2.8 Ga) deposited on continental rocks of the ca. 3.6-3.0 Ga Winnipeg River Subprovince, which lies to the north. The Neoarchean rocks of the WWS comprise voluminous 2.74-2.72 Ga submarine volcano-sedimentary sequences, 2.71-2.70 clastic cover sequences and widespread ca. 2.70 Ga plutonic rocks, with significant volcanogenic massive sulphide (VMS) mineralization hosted in Neoarchean rocks. Isotopic evidence (Sanborne-Barrie et al., 2002) suggests that the Neoarchean sequences were formed in oceanic or oceanic arc settings. A sequence of post-volcanic clastic rocks (Warclub Assemblage or Savant Lake Group) represents the basin that lay between the Neoarchean oceanic rocks and the Winnipeg River terrane.

Two penetrative deformational events and one earlier fold event have affected the rocks of the WWS. In the southern WWS, east-southeast trending and shallowly plunging pre-D_1 folds, which lack axial planar cleavage, overprint the ca. 2735 Ma South Sturgeon Assemblage. Penetrative ductile deformation occurred after 2704 Ma, recording the closing of the basin between the Neoarchean oceanic-arc sequences and the continental block of the Winnipeg River Subprovince. North-to northwest trending and shallow plunging folds (F_1) with associated axial planar cleavage (S_1), occur in the Savant Lake area and represent the earliest penetrative deformation (D_1). Later D_2 deformation formed northeast trending, steeply plunging, folds (F_2) with an associated axial planar foliation (S_2). This D_2 event is also associated with development of the Kashaweogama (KLSZ) and Stillar Bay (SBSZ) shear zones. Penetrative D_2 structures affect rocks in the northern Sturgeon Lake area but are only locally present throughout the remainder of the Sturgeon Lake belt.

Greenschist facies regional metamorphism affects the supracrustal rocks of the WWS. Metamorphic grade increases to amphibolite towards the margins of the greenstone belt, likely due to thermal overprint from nearby plutonic terranes.



NEW DIMENSION RESOURCES

Savant Lake Project
Regional Geology

From M.Sanborn-Barrie et al. (2001-2002)

EQUITY

Date:	2017-05-25
Proj:	UTM Zone 15 (NAD 83)
Prov:	ON

Figure 4a

EXPLANATION OF LEGEND CODE

This map uses codes that are to be read from right to left. An example is given below. Format of legend code from the RIGHT:

④ ②
Tan2II
③ ①

① The **lithology** code (II) identifies the dominant rock type in map units. See lithology list below. More detail on lithologic constituents is located in the unit descriptors in the Legend.

② The **age** code (2) indicates the age of the unit, inferred from U-Pb zircon dates of individual samples. In areas with abundant geochronology, a unit can be assigned an age within a 5 million year interval (code numbers 63–76), whereas other units of less certain age may be constrained only to within 10 m.y. (26–62), 100 m.y.(10–15) or larger (1–7) age intervals. See age list below and corresponding range in Figure 4: Lithology and age chart.

③ The lectonostratigraphic **assemblage name** (an) for supracrustal units or suite name for plutonic rocks identifies packages of stratigraphically or magmatically related lithologic units of similar age. See list of assemblages and suite names below.

④ The **tectonic affinity** (T) describes the environment of deposition or crystallization of a map unit based on all available lithologic and geochemical information. See tectonic affinity list below.

LEGEND

PROTEROZOIC (544–2499 Ma)
NEOPROTEROZOIC (544–999 Ma)
MESOPROTEROZOIC (1000–1599 Ma)
PALEOPROTEROZOIC (1600–2499 Ma)

Rmw5db — *Matachewan diabase dykes (2454 Ma): medium- to coarse-grained, massive, plagioclase porphyritic mafic dyke*

ARCHEAN (Unsubdivided) (2500–4000 Ma)

Umu2gb — *Gabbroic rocks*

Ube2gr — *Granite to granodiorite: medium-grained, variably foliated, biotite and biotite-hornblende granite and associated rocks*

Ube2gd — *Granodiorite to quartz monzonite: medium-grained, variably foliated biotite- and hornblende-biotite granodiorite, quartz monzonite; tonalite of the Fairchild Lake intrusion. Locally porphyritic with xenoliths of mafic and ultramafic rock, and occurring as clasts within the Warclub conglomerate facies*

Kbe2tn — *Tonalite to granodiorite: medium-grained, variably foliated biotite- and hornblende-biotite tonalite and associated rocks spatially associated with the interface between Winnipeg River continental crust and the western Wabigoon oceanic to transitional arc terrane (ie., the central granitoid complex)*

Khn2tn — *Tonalite: medium-grained hornblende tonalite of the central granitoid complex*

Lbe2tn — *Tonalite to granodiorite: medium-grained, variably foliated biotite- and hornblende-biotite tonalite and associated rocks*

Kgc2tg — *Tonalite to granodiorite gneiss*

Supracrustal assemblages of unknown affinity

Uus2sm — *Paragneiss, migmatite on Hill Lake, Winnipeg River Subprovince*

Uus2mv — *Mafic volcanics, amphibolite, gabbro*

Uus2am — *Amphibolite: medium-grained, foliated to gneissic, typically as rafts and screens intruded by younger plutonic suites*

NEOARCHEAN (Unsubdivided)

Uup6pr — *Porphyritic rocks: quartz-feldspar porphyry, feldspar porphyry, magnetite bearing*

Gsk6mz — *Coarse-grained syenite, nepheline syenite, monzonite and associated pegmatite, Sturgeon Narrows Complex, Bell Lake, and Squaw Lake stocks*

Gbe6gr — *Granite to granodiorite: foliated to massive biotite- and hornblende-biotite granite to granodiorite and associated pegmatite/aplite*

Ghn6gr — *Granite to granodiorite: foliated hornblende granite to granodiorite, near Granite Bay, southwest Sturgeon Lake*

Gbe6gd — *Granodiorite to quartz monzonite of the Dickson Lake stock*

Kbe6tn — *Tonalite to quartz diorite: weakly to strongly foliated, locally gneissic biotite and hornblende-biotite, may include some granodiorite*

Gbe12gd — *Granodiorite to quartz monzonite: foliated biotite and hornblende-biotite granodiorite to quartz monzonite±monzogranite, east of Vista Lake and throughout the central Wabigoon granitoid complex*

Kbe12tn — *Tonalite to quartz diorite: weakly to strongly foliated, locally gneissic biotite and hornblende-biotite, may include some granodiorite*

Kgc12tg — *Tonalite to granodiorite orthogneiss: layered to migmatitic biotite- and hornblende-biotite tonalite and granodiorite, includes up to 20% leucosome*

Neoarchean supracrustal assemblages of unknown affinity

Uus6md — *Mudstone, siltstone with oxide facies iron-formation southwest of Hilltop Lake and conglomerate south of Hilltop Lake*

Ous12fh — *Felsic to intermediate volcanic rocks: strongly foliated to phyllonitic felsic to intermediate volcanic rocks, exposed east of Sioux Lookout*

Ous12fv — *Unsubdivided felsic to intermediate flows and pyroclastic rocks, known to be part of Neoarchean volcanic complex*

Ous12am — *Amphibolitized mafic volcanics, known to be part of the Neoarchean complex*

Ous12mv — *Unsubdivided mafic volcanic rocks, known to be part of Neoarchean volcanic complex*

NEOARCHEAN (2500–2800 Ma)

Gbe10gr — *Granite: post-tectonic, post metamorphic granite, and associated pegmatite intrusive into migmatitic rocks of the English River/Winnipeg River, dated on Sen Bay at 2560 ± 40 Ma.*

Gbe11pr — *Porphyritic rocks: plagioclase feldspar±quartz porphyritic subvolcanic intrusions cutting Jutten assemblage north of Sioux Lookout*

Gbe11gr — *Granite to granodiorite: late to post-tectonic biotite- and hornblende-biotite granite and granodiorite, dated at 2660 ± 20 Ma where intrusive into English River*

Gbe11tn — *Tonalite to granodiorite: foliated, hornblende-biotite and biotite-tonalite to granodiorite*

Gbe27gr — *Granite to granodiorite: massive, coarse-grained granite to granodiorite pegmatite, cuts migmatite near Dagny Lake, Winnipeg River*

Gbe64gr — *Granite to granodiorite: foliated to massive biotite- and hornblende-biotite granite to granodiorite and associated pegmatite/aplite*

Gsk54gd — *Monzonite, monzosyenite, quartz diorite: foliated, equigranular to K-feldspar porphyritic hornblende-biotite monzonite, monzosyenite, quartz diorite of the Vista Lake complex and rocks southwest of Hilltop Lake*

Migmatitic leucosome ca. 2690 Ma

Gms65gr — *Pleruminous granite to granodiorite: homogeneous diatexite with generally 95% medium-grained to pegmatitic granitoid mobilizate, typically garnet and muscovite bearing, commonly contains inclusions and rafts of inhomogeneous diatexite*

Gms65gg — *Inhomogeneous diatexite with 70–95% medium-grained to pegmatitic granitoid mobilizate, typically garnet and muscovite bearing, commonly contains inclusions and rafts of metatexite*

English River sedimentary assemblage >2695 Ma <2710 Ma

Fog6mm — *Metasedimentary migmatite: garnet-biotite-feldspar-quartz gneiss, generally metatexite with 10–40% interbanded granitoid mobilizate*

Gue3cgr — *Granite to granodiorite: massive, medium-grained granite and granodiorite, locally K-feldspar porphyritic, ca. 2696 Ma Graba Lake stock*

Gbe66tn — *Tonalite; granulitic tonalite, ca. 2697 Ma Adamhay Lake pluton*

Gbe11gd — *Quartz monzonite: weakly foliated to massive, medium- to coarse-grained quartz monzonite±tonalite, Smye stock and Jigger Lake pluton*

Gmu11gb — *Gabbro rocks: fine- to medium-grained hornblende gabbro, intrusive into Warclub assemblage*

Kbe67pr — *Porphyritic rocks: plagioclase feldspar±quartz porphyritic subvolcanic intrusions cutting Warclub assemblage, dated at ca. 2703 Ma immediately west of map sheet (Davis et al., 1998)*

Oup12pr — *Porphyritic rocks: plagioclase feldspar±quartz porphyritic subvolcanic intrusions cutting Hendy Lake assemblage*

Kbe31gr — *Granodiorite to tonalite: foliated biotite- and hornblende-biotite granodiorite and tonalite, Sesaganaga Lake*

Kbe31tn — *Tonalite to granodiorite: foliated to locally gneissic biotite- and hornblende-biotite tonalite and granodiorite, Sesaganaga Lake, Shikag Lake, and Tershia Lake and Heron Lake stocks*

Kbe33tn — *Tonalite: foliated biotite tonalite dated at ca. 2723 Ma north of Metionga Lake (U-Pb site #37)*

Ament Bay assemblage < ca. 2698 Ma

Fam66wk — *Crossbedded quartzose wacke exposed on Post Lake, Sturgeon Narrows and Minnitaki Lake*

Fam66co — *Conglomerate: clast-supported, pebble to cobble conglomerate dominated at base by gabbroic and basaltic clasts with upper polymictic conglomerate including felsic volcanic, sulphide, and metasedimentary clasts, minor wacke*

---------- unconformity ----------

Warclub sedimentary assemblage ca. 2700–2704 Ma (<2716 Ma west of map sheet)

Ywc67fl — *Intermediate to felsic±mafic volcanic rocks, dominantly pyroclastic: Wilmoski Lake formation at Savant Lake; Deredevil formation at Sioux Lookout*

Fwc67wk — *West Shore formation: turbiditic interbedded feldspathic and lithic wacke; with chert-magnetite ironstone, includes Minnitaki and Abram groups, Sioux Lookout*

Fwc67co — *Polymictic conglomerate: varying proportion of volcanic and plutonic clasts, includes the Narrows formation at Savant Lake, Patara formation at Sioux Lookout*

---------- unconformity ----------

Gmu12gb — *Gabbro intrusive into Neoarchean (2720–2775 Ma) volcanic assemblages*

Yms31fp — *Felsic sill: strongly foliated to phyllonitic felsic sill intrusive into amphibolite, south of Hilltop Lake (U-Pb site #34)*

Central Sturgeon plutonic suites ca. 2720 Ma

Zgc32tg — *Tonalite to granodiorite orthogneiss: foliated to gneissic biotite- and hornblende-biotite tonalite with up to 20% leucosome exposed on Rudd Lake, southeast of Hilltop Lake*

Zcs70pr — *U-Mo-bearing porphyry, Beidelman Bay dated at 2720.5 +3/-2 Ma (U-Pb site #46) and porphyritic dikes on Ousat Lake dated at 2720–2718 Ma (U-Pb site #28)*

Zmu32di — *Diorite to quartz diorite: foliated diorite, quartz diorite±tonalite to granodiorite intrusive into, and likely linked to Central Sturgeon assemblage, with associated Cu-Mo mineralization*

Zmu12gb — *Gabbroic rocks, intrusive into, and likely linked to Central Sturgeon assemblage*

Zmu12up — *Ultramafic rocks, intrusive into, and likely linked to Central Sturgeon assemblage*

Central Sturgeon assemblage ca. 2720 Ma

Zcs70fv — *Felsic tuff*

Zcs70mv — *Calc-alkaline basalt and andesite: pillowed to massive, low Ti, locally plagioclase-phyric*

Zcs70th — *High-Ti tholeiitic basalt; tholeiitic basalt and andesite: pillowed to massive flows, pillow breccia and hyaloclastite, locally high Mg*

Quest Lake sedimentary assemblage >2711 Ma <2735 Ma

Fwk63wk — *Wacke, siltstone with minor graphitic±pyrrhotite shale*

---------- ? unconformity ? ----------

South Sturgeon plutonic suites ca. 2730–2735 Ma

Ybe73gr — *Foliated trondhjemite and leucogranodiorite (Robinson pluton, central Lewis Lake batholith)*

Ymu12gb — *Gabbroic rocks: medium-grained gabbro, intrusive into, and likely linked to South Sturgeon volcanic rocks*

Ymu73gb — *Gabbroic rocks: melanogabbro to quartz gabbro with associated granophyre and pegmatite of the layered Pike Lake intrusion*

Yss73pr — *Porphyries: plagioclase feldspar and quartz-feldspar porphyritic dykes and sills, includes Conant and Handy Lake porphyries, central Savant Lake belt*

Ybe73tn — *Tonalite: fine- to medium-grained, biotite tonalite and xenolithic tonalite of the Beidelman Bay pluton*

Ybe74gr — *Granodiorite to tonalite: foliated, quartz-porphyritic hornblende-biotite granodiorite to tonalite of the Yeti Lake stock and associated phases*

Ymu74di — *Diorite, quartz diorite: hornblende-biotite dioritic dykes and inclusions interpreted as co-magmatic with Lewis Lake and Yeti Lake tonalite-granodiorite*

Ybe74tn — *Tonalite to granodiorite: biotite±hornblende-biotite tonalite, granodiorite±quartz diorite of the Lewis Lake batholith, locally quartz-biotite and/or hornblende porphyritic, cut by pink granitic aplite-pegmatite veins and dykes*

South Sturgeon assemblage ca. 2735 Ma

Yss34sv — *Epiclastic rocks, in part associated with South Sturgeon dacite domes*

Yss73fv — *Felsic pyroclastic rocks of the Neepawa formation, Sioux Lookout*

Yss74fv — *Felsic to intermediate pyroclastic rocks: includes rhyolitic ash flows and dacite domes, host to Cu-Zn volcanogenic massive sulphide deposits and minor scorie-tuff cone*

Yas34iv — *Andesite: andesitic lava flows of the No Name and Lyon Lake formations*

Yss34th — *Tholeiitic basalt: massive to pillowed (pre-caldera Darkwater formation)*

Handy Lake plutonic suites ca. 2745 Ma

Mhi12tn — *Tonalite: foliated, hornblende-biotite tonalite with quartz dioritic xenoliths (Patterson Lake stock)*

Handy Lake assemblage ca. 2745 Ma

Hhl35th — *Thin tholeiitic basalt flows interstratified with upper calc-alkaline volcanic rocks*

Mhl35fv — *Intermediate to felsic pyroclastic rocks: minor rhyolite flows with widespread effects of intense hydrothermal alteration near Savant Lake, and locally intense ferroan carbonatization throughout Northeast Arm, Sturgeon Lake*

Ihl35mv — *Basalt: mixed pillowed to massive tholeiitic to calc-alkaline flows*

Ihl35th — *Basalt: lower pillowed to massive tholeiitic flows and associated gabbro*

Gmu36gb — *Gabbroic rocks: gabbro, leucogabbro, and associated pegmatitic rocks, Northeast Arm Savant Lake*

Fourbay Lake assemblage ca. 2775 Ma

Nfb38fv — *Rhyodacite to dacite lapilli tuff: quartz phyric*

Nfb38th — *Tholeiitic basalt; massive to pillowed, strongly foliated to gneissic*

MESOARCHEAN (2800–3200 Ma)

Jutten assemblage >2750 <2800 Ma

Xju2fv — *Intermediate to felsic volcanic rocks: dominantly pyroclastic tuff and breccia, exposed north of Kashaweogama Lake*

Xju2us — *Schistose ultramafic rocks, north of Kashaweogama Lake and near Armit Lake*

Xju2am — *Amphibolitized mafic volcanic rocks of the Jutten assemblage*

Xju2th — *Massive to pillowed tholeiitic basalt with minor oxide facies ironstone, chert±jasper*

Xju2wk — *Garnet-bearing semipelite exposed on Dickson Lake*

Xju2qz — *Quartzose clastic rocks: fuchsitic quartzose arenite, feldspathic wacke, conglomerate containing trondhjemite, fuchsitic schist, ultramafic and fine-grained felsic volcanic clasts*

---------- unconformity ----------

Northeast Arm assemblage ca. 2880 Ma

Rna13ft (N) — *Rhyodacite tuff, ultramafic schist, fuchsitic siltstone, ultramafic-derived siltstone exposed on Northeast Arm, Savant Lake; denoted (N) on map face*

Kbe48tn — *Tonalite to granodiorite: foliated tonalite, granite, granodiorite±trondhjemite dated at ca. 2890 Ma north of Sioux Lookout*

Vanessa Lake assemblage ca. 2925 Ma

Rvl52fv — *Tectonized rhyodacite tuff, garnetiferous amphibolite*

UTM

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Savant Lake Project
Legend

From M.Sanborn-Barrie et al. (2001-2002)

EQUITY

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Prov: ON

Figure 4b

The Sturgeon Lake Zn-Cu-Ag-Pb VMS camp comprises numerous deposits hosted by the 2735 Ma South Sturgeon Assemblage. Alteration and mineralized zones characteristic of volcanogenic massive sulphide deposits in the Sturgeon Lake camp are found locally in the Handy Lake assemblage. There has been no mineral production in the Savant Lake area to date.

6.2 Local Geology

In the Savant Lake area of the WWS, the mature clastic sedimentary rocks at the base of the SLGB (Jutten Group) contain clasts of Mesoarchean basement rocks that suggest it was deposited at least partially on the Mesoarchean Winnipeg River Subprovince (Sanborne-Barrie, 2000). Submarine tholeiitic volcanic rocks conformably overlie the lower Jutten Group clastic rocks.

The late to post-tectonic clastic rocks of the Savant Lake Group (ca. 2704-2700 Ma) lie stratigraphically between the Mesoarchean (ca. 2800-3200 Ma) Jutten Group and the Neoarchean (ca. 2745 Ma) Handy Lake Group. The Savant Lake Group includes the Narrows, the Westshore and the Whimbrel Lake formations and is interpreted to have formed in the basin that separated the continent marginal Jutten Group from the volcano-plutonic oceanic arc assemblage Handy Lake Group. The basal polymictic conglomerate of the Narrows Formation was formed by erosion following the tilting of Jutten Group rocks, and was followed by conformable deposition of the Westshore and Whimbrel Lake formations.

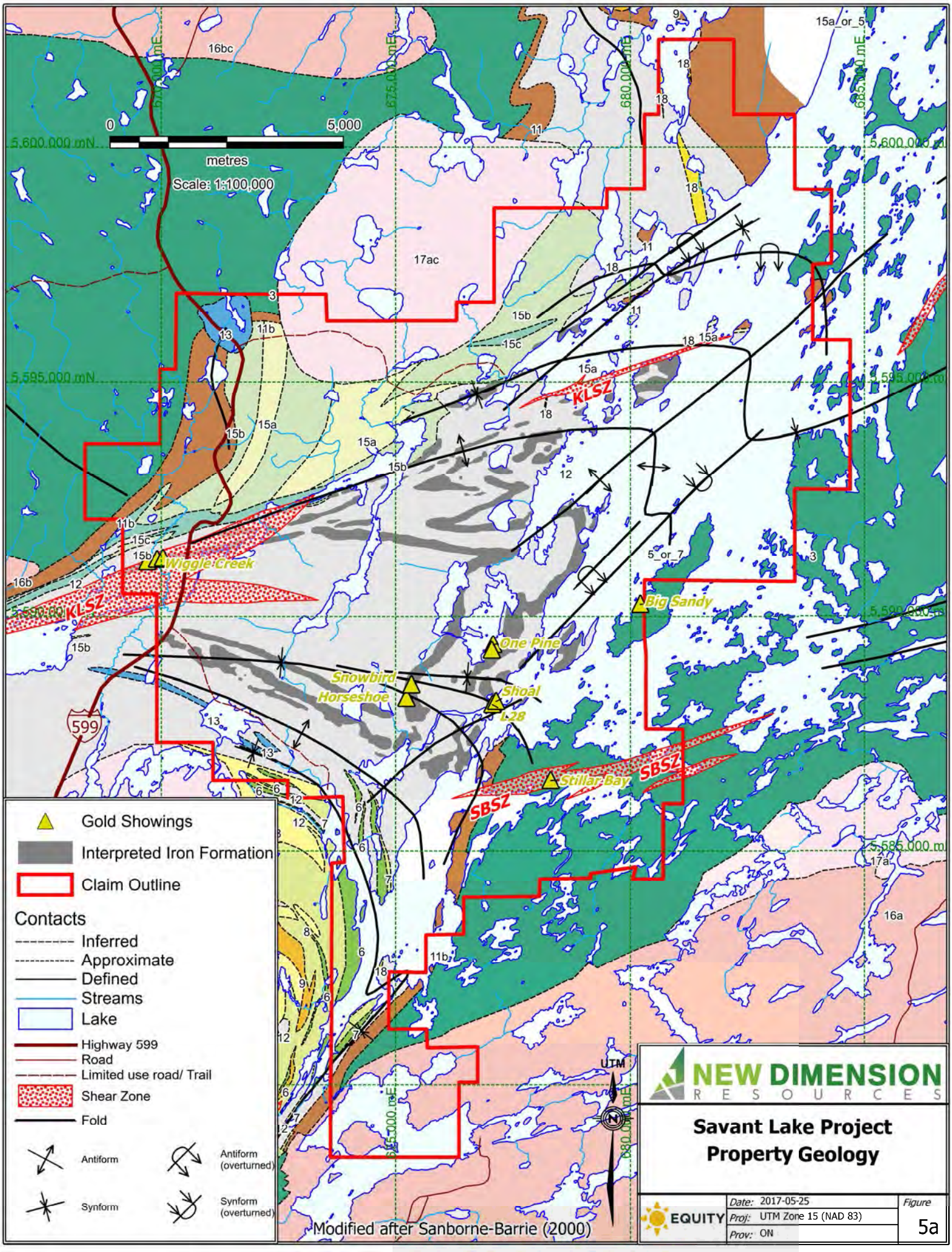
Regional D_1 deformation related to the collisional event initiated at 2703 Ma folded all supracrustal units and imposed a penetrative foliation and a strong extensional lineation (L_1) consistent with sub-horizontal, northeast directed shortening. Regional-scale northwest directed D_2 deformation refolded F_1 folds and developed a steeply dipping, northeast striking foliation (S_2) that overprints and crenulated S_1. D_2 fabrics are muted in the more competent tholeiitic volcanic rocks of the Jutten Group. S_2 foliation is localized in discrete deformation zones in the Savant lake area that include the 070°-080° trending KLSZ and SBSZ.

6.3 Property Geology

The lower sequences of the SLGB (Sanborne-Barrie, 2000) occur on the Savant Lake property. The easternmost portion of the property is underlain by the Jutten Group, which is there dominated by fine-grained, commonly pillowed, tholeiitic basalt. These basalts conformably to disconformably overlie silicic basal conglomerate with deformed and fuchsitic quartz-rich clasts derived from continental basement. At this locality on the property, the contact appears to be conformable based on consistent facing directions in the flows and the basal sedimentary rocks. This package also contains minor amounts of oxide-facies iron formation, intermediate to felsic volcanic rocks, and strongly foliated ultramafic rocks. The uppermost exposures of the Group consist of intermediate to felsic volcanic rocks that outcrop on small islands northwest of Big Sandy Island in Savant Lake (Figure 4)

An unconformable contact on the north-northeast trending east limb of a southwest plunging regional F_2 syncline separates the Jutten Assemblage from the Savant Lake Group, which lies west of the unconformity. Basal polymictic conglomerate of the Narrows Formation is exposed above the unconformity in the south part of the Property, in the northwest corner and in the extreme north of the claims. The central unit of the Savant Lake Group is the West Shore Formation, which consists of turbiditic wacke with a significant component of chert-magnetite iron formation that is best-exposed in the central part of the Savant Lake property, west of Savant Lake. A wedge of the Whimbrel Lake Formation, the uppermost member of the Savant Lake Group, occurs near the north boundary of the property. The Whimbrel Formation consists of dominantly pyroclastic intermediate to felsic volcanic rocks with local mafic volcanic rocks.

The Savant Lake Group is intruded by slightly younger stocks of granite and quartz monzonite in the north and south part of the property. At the south boundary, younger supracrustal rocks of the Handy Lake Group occur west of Savant Lake, and include bimodal volcanic rocks that form part of a volcanic complex.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16bc
17ac
15a_or_5
5_or_7
Wiggle Creek
Big Sandy
One Pine
Snowbird
Horseshoe
Shoal
L28
Stillar Bay
KLSZ
SBSZ
599
Gold Showings
Interpreted Iron Formation
Claim Outline
Contacts
Inferred
Approximate
Defined
Streams
Lake
Highway 599
Road
Limited use road/ Trail
Shear Zone
Fold
Antiform
Antiform (overturned)
Synform
Synform (overturned)
UTM
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Figure
5a

18 — *Plagioclase porphyritic diabase dykes, may be vesicular*

ARCHEAN

LATE- TO POST-TECTONIC PLUTONIC ROCKS

17 — *Massive to weakly foliated, relatively unaltered and unrecrystallized*
- a *Biotite and amphibole-biotite granodiorite, monzogranite ± quartz monzonite ± syenogranite*
- b *Biotite-hornblende tonalite ± trondhjemite ± quartz diorite*
- c *Porphyritic*
- d *Leucocratic*
- e *Xenolithic*
- f *Dykes*
- g *Pegmatitic*

PRE- TO SYN-TECTONIC PLUTONIC ROCKS

16 — *Foliated, recrystallized and/or altered granitoid rocks*
- a *Biotite and amphibole-biotite granodiorite ± quartz monzonite*
- b *Biotite-hornblende tonalite ± quartz diorite ± trondhjemite*
- c *Porphyritic*
- d *Leucocratic*
- e *Xenolithic*
- f *Dykes*
- g *Pegmatitic*

SAVANT GROUP

Whimbrel Lake Formation

15a — *Rhyolitic to rhyodacitic volcanic rocks*

15b — *Andesitic to dacitic lapilli tuff and tuff breccia, lapillistone and plagioclase-phyric flows*

15c — *Mafic volcanic rocks*

14 — *Feldspar porphyry (may be comagmatic with Whimbrel Lake volcanics)*

13 — *Gabbro, diorite (may be comagmatic with Whimbrel Lake volcanics)*

West Shore Formation

12 — *Medium to thinly bedded, medium sand-size feldspathic wacke typically interbedded with thinly bedded silt-size lithic wacke and laminated magnetite-chert ironstone*

Narrows Formation

11 — *Matrix to locally clast-supported, poorly sorted conglomerate*
- a *Granitoid and volcanic ± chemical sedimentary derived*
- b *Dominantly mafic volcanic derived*
- c *Dominantly felsic-intermediate volcanic derived*
- d *Medium sand-size feldspathic wacke interbeds*

---------- *unconformity* ----------

10 — *Fine to coarse-grained gabbro, biotite-hornblende diorite (Staunton Lake Stock)*

HANDY LAKE GROUP

9 — *Light-weathering, feldspar- quartz (± blue quartz) porphyritic, intrusive/hypabyssal rocks with 20-30% phenocrysts (Conant, Handy, and Patterson Lake porphyries, possibly also Elwood Lake porphyry), mainly comagmatic with Handy Lake Group*

8 — *Felsic to intermediate volcanic rocks: massive to quartz ± feldspar-phyric flows, rare spherulitic texture*

7 — *Intermediate volcanic rocks: dominantly pyroclastic deposits including tuff, crystal tuff ± hypabyssal intrusive rocks, lapilli tuff, lapillistone, tuff breccia, pyroclastic breccia, lesser biotite- ± garnet-bearing flows*

6 — *Mafic to intermediate volcanic flows ± pyroclastic deposits*

JUTTEN GROUP

5 — *Intermediate to felsic metavolcanic rocks: dominantly pyroclastic tuff and breccia with minor flows ± hypabyssal rocks*

4 — a *Ultramafic rocks*
b *Gabbro*

3 — *Mafic metavolcanic rocks: pillowed flows and fine- to coarse-grained, locally plagioclase-phyric equigranular flows; rare interflow chert beds; gabbro*

2 — *Jutten sedimentary sequence: quartz-rich clastic rocks including quartzose wacke, quartzose wacke pebble to cobble conglomerate, feldspathic wacke conglomerate*

---------- *unconformity* ----------

SUBSTRATE

1 — *Ultramafic schist; rhyodacite tuff; mylonitic fuchsitic siltstone/chert; ultramafic ash/siltstone*

Modified after Sanborne-Barrie (2000)

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Savant Lake Project
Legend

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Figure 5b

There is a large-scale D_2 synform striking northeast-southwest across the Savant Lake Property and plunging to the southwest. This larger structure contains several sub-parallel folds but has a core of Savant Lake Group rocks, mostly Westshore Formation, that, coincidentally, also forms the central part of the Property. Older rocks of the Jutten Group lie along the northwest, north and east peripheries of the synform. Within the Westshore Formation, the iron formation horizons (as seen on magnetic maps, e.g. Figure 6) outline numerous re-folded F_1 folds with a broadly east-west trending fold lying in the southwest part of the claim group. The iron-formation units essentially wrap around this fold and then strike to the northeast along the D_2 synform in the north part of the property.

The KLSZ strikes roughly 070° through the north-central part of the property. It is part of a 1 to 3 km wide deformation zone that runs 45 km from Schist Lake, located west of the Property, to the east end of the SLGB lying east of Savant Lake. The intensely developed shear foliation is sub-vertical with mineral and stretching lineation that plunges 65° to 88° to the to the east on the Savant Lake Property. Sanborne-Barrie (2000) interprets these features to represent south side-down, subvertical to oblique, dip-slip movement. The Stillar Bay Shear Zone (SBSZ), in the south-central part of the Property, strikes more east-west than the KLSZ but is variably, rather than strongly sheared. Fe carbonate alteration is present in the SBSZ.

The unconformity that between the Jutten Group and the Narrow Formation has been indicated as the Savant lake Fault in previous mapping (Bond, 1977). Recent summaries by Nuttall (2016a) and Duncan (2016) report a northwest-trending D_2 structural corridor, up to 300 m wide, that runs from west of The Narrows and hosts several showings along the west shore of Savant Lake. This corridor is predicated on the presence of an of a localized and unusually strong axial planar cleavage related to several northwest verging folds striking between 040 and 060°. The cleavage appears to be a relatively weak or discontinuous feature with only sporadic development of strong foliation. Sanborne-Barrie (2000) acknowledges the earlier reports of a structural corridor called the Savant Lake Fault but found no evidence of a northeast fabric or fault in mapping this area.

6.4 Property Mineralization

The Savant Lake property hosts several showings discovered in previous work (Siemieniuk, 2017) (Siemieniuk, 2015a). Mineralization is focused around the iron formation horizons in the Westshore Formation and in the mafic volcanic rocks of the Jutten Group. Some of the more substantial historical exploration, including diamond drill programs at the Wiggle Creek and Stillar Bay showings, have been done along the KLSZ and SBSZ, both of which are prospective structures for hosting gold mineralization. The KLSZ in particular, strikes sub-parallel to several iron formation horizons within the Westshore Formation and so provides extensive potential for development of sulphide replacement zones and consequent deposition of gold. To date, exploration in the KLSZ has encountered local mineralization in pyritized shear zones with attendant carbonate, sericite, silica and Cr-mica alteration.

The significant known showings on the Savant Lake property (Figure 6) are summarized below and selected results are included in Table 4.

Table 4: Known Showings, 2016 Significant Results, Savant Lake Property

Sample#	Showing	Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
S194094	Stillar Bay	0.249	0.67	378.0	119	11.4	61
S194090	Stillar Bay	0.021	0.09	27.3	326	0.2	73
S194088	Stillar Bay	0.030	0.25	57.5	148	2.9	143
S193844	Horseshoe trench	14.250	1.86	1.5	42.6	6.3	11
S193851	Horseshoe trench	0.197	0.07	0.4	42.0	6.8	45
S193847	Snowbird Vein	38.80	4.03	0.6	26.1	6.3	53
S193846	Snowbird Vein	0.189	0.06	0.4	18	15.2	5

6.4.1 Wiggle Creek

The Wiggle Creek showing (Siemieniuk, 2015b) lies in the western part of the Savant Lake property, along the KLSZ. This showing has had more exploration than the other mineralized occurrences on the property, possibly because it is located just a few hundred metres west of Highway 599. The local geology consists of clastic sedimentary rocks and BIF of the Westshore Formation.

The Wiggle Creek showing hosts the widest quartz vein observed on the property, which measures up to 50 cm wide although it then pinches down to about 10 cm over a distance of 60 m. In 1983, this vein was drill tested over about 100 m of strike with results up to 15.6 g/t Au over 0.4 m. Grab samples of the vein have returned up to 77.5 g/t Au but more commonly in the 2-10 g/t Au range (Siemieniuk, 2015b). A 20.1 g/t Au grab sample was found 200 m west and along strike of this vein, in the Wiggle West trench.

6.4.2 One Pine

The One Pine showing is marked by pyrite mineralization, quartz veining and ankerite alteration along an iron formation horizon hosted within sediment of the Westshore Formation. Mineralization follows an 040° trend (Duncan, 2016) and consists of deformed, 2-4 cm wide, quartz veins with pyrite and arsenopyrite occurring where the veinlets intersect. Trenching for up to 140 m along strike, at One Pine East, exposed BIF-hosted gold mineralization. Recent grab samples have returned up 40.9 g/t Au at One Pine East and 9.1 g/t Au at One Pine (Nuttall, 2016b).

One drill hole for 69.8 m has been completed below the One Pine Showing. The hole was drilled in 1989 but no assay results were reported (Kelly, 1989).

6.4.3 L28-Shoal

The L28 gold occurrence comprises a series of shallow pits that expose oxide iron formation hosted by clastic sedimentary rocks of the Westshore Formation. Mineralization lies along a D_2 shear that strikes about 040° and dips steeply north. Quartz veins ranging from 5-10 cm in width form about 30% of the rock over a 2-3 m width. Sulphide replacement (pyrite) of magnetite occurs where these veins intersect BIF. The Shoal gold occurrence lies about 100 m along strike from the L28 occurrence on a small outcrop in Savant Lake and is best exposed when the lake level is low. The Shoal also consists of pyrite replacement in BIF associated with quartz veining and ankerite alteration.

Chip sampling has returned up to 2.2 g/t Au over 1.8 m at L28 and a historical grab of 46.7 g/t Au. Grab samples up to 5.2 g/t Au at the Shoal and 32.4 g/t Au at the L28 occurrence were recently reported (Siemieniuk, 2015a).

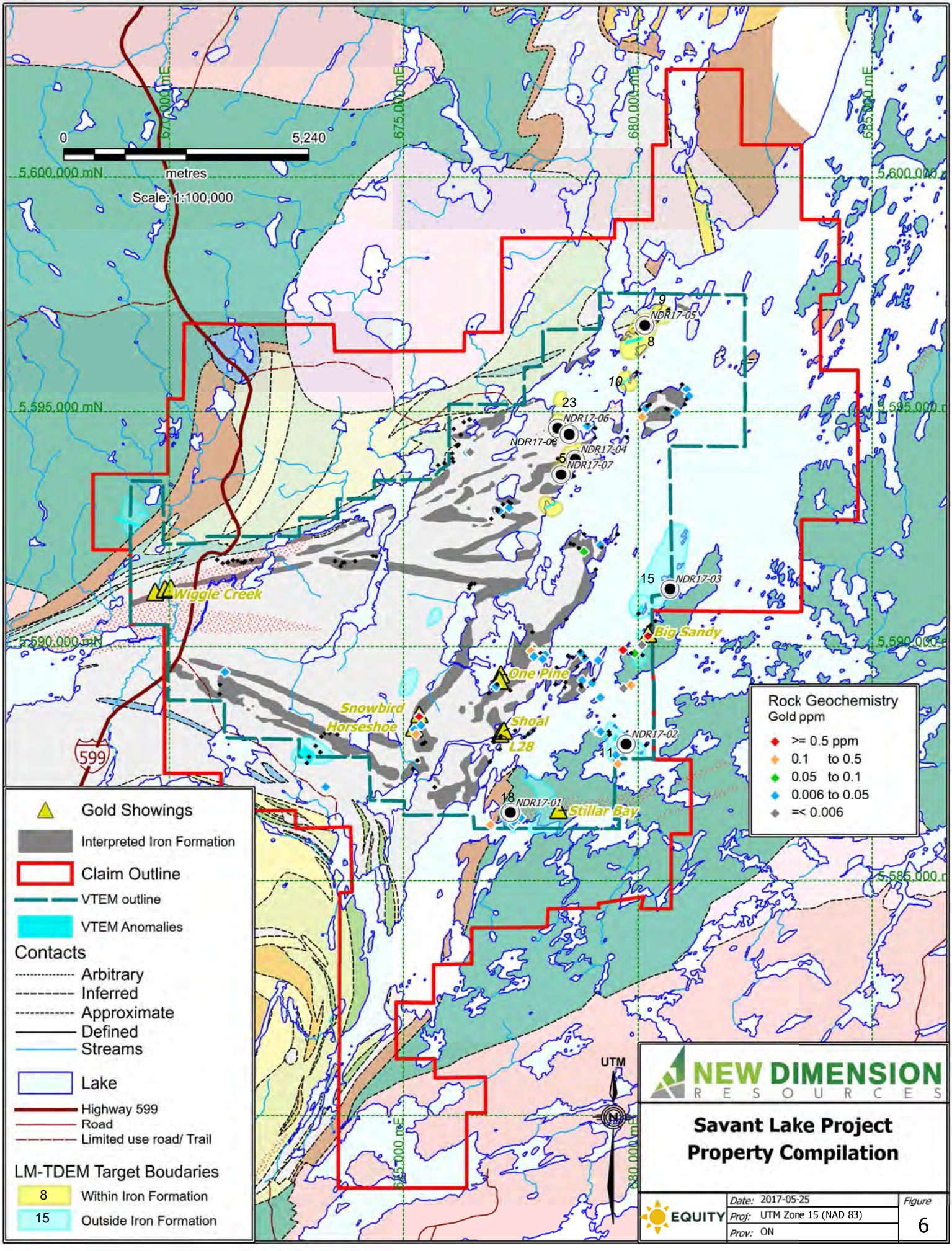
6.4.4 Stillar Bay

The Stillar Bay Showing was drilled by Band Ore Resources Ltd. in 2000 (Duess, 2000), who reported low to moderate Au grades over narrow intervals that included 3.26 g/t Au over 1.22 m and 4.70 g/t Au over 0.5 m. The showing lies along the SBSZ and is hosted in mafic volcanic rocks of the Jutten Group, below the unconformable contact with the clastic Narrows Formation. Mineralization consists of disseminated pyrite, and possibly arsenopyrite, in strongly foliated rocks. Quartz veining is minimal.

6.4.5 Horseshoe Trench

This gold occurrence lies at a sharp bend in the iron formation, approximately 2.1 km along strike from the One Pine showing. The occurrence is hosted by BIF and clastic metasedimentary rocks. A 4 cm wide, deformed quartz vein has iron-oxides at the centre and in a chloritic selvage with rare visible gold. The vein parallels compositional layering and is similarly deformed.

Select grab samples of the vein returned up to 138.9 g/t Au (Siemieniuk, 2015a). Other historical results include up to 27.7 g/t Au in a grab sample.


0
5,240
metres
Scale: 1:100,000
675,000 mE
680,000 mE
685,000 mE
5,600,000 mN
5,595,000 mN
5,590,000 mN
5,585,000 mN
NDR17-05
NDR17-06
NDR17-08
NDR17-04
NDR17-07
NDR17-03
NDR17-02
NDR17-01
Wiggle Creek
Big Sandy
One Pine
Snowbird
Horseshoe
Shoal
L28
Stillar Bay
599
Rock Geochemistry
Gold ppm
>= 0.5 ppm
0.1 to 0.5
0.05 to 0.1
0.006 to 0.05
=< 0.006
Gold Showings
Interpreted Iron Formation
Claim Outline
VTEM outline
VTEM Anomalies
Contacts
Arbitrary
Inferred
Approximate
Defined
Streams
Lake
Highway 599
Road
Limited use road/ Trail
LM-TDEM Target Boudaries
8 Within Iron Formation
15 Outside Iron Formation
UTM
N
NEW DIMENSION RESOURCES
Savant Lake Project
Property Compilation
EQUITY
Date: 2017-05-25
Proj: UTM Zone 15 (NAD 83)
Prov: ON
Figure
6

6.4.1 Snowbird Lake Vein

The Snowbird lake vein occurrence is located about 300 m north of the Horseshoe Trench. The vein is exposed for 22 m along the outcrop and is very similar in size and appearance to the vein at the Horseshoe Trench, showing both chlorite alteration and associated iron oxides (Duncan, 2016). The vein occurs with some of the thickest BIF observed on the property (up to 5 m thick) constituting 70% of the outcrop in the immediate area. There are numerous 0.2-1 cm horsetail vein arrays that also intersect this thickened iron formation. Historical sampling on the Snowbird Vein occurrence has returned up to 24.9 g/t Au in grab samples (Siemieniuk, 2015a)

6.4.2 Big Sandy (Target 10a)

This target is a newly discovered area of anomalous gold mineralization located on Big Sandy Island in Savant Lake, near the eastern boundary of the property (Duncan, 2016). The target lies along strike (040°) of the folds and foliation identified at the L28-Shoal area. The rocks are strongly foliated mafic to intermediate volcanic rocks of the Jutten group, situated just below the upper unconformable contact with the Narrows Formation. Mineralization is hosted by strong shears, oriented 110°/90°, with minor quartz veins and 2-3% pyrite and arsenopyrite disseminated in the host rocks.

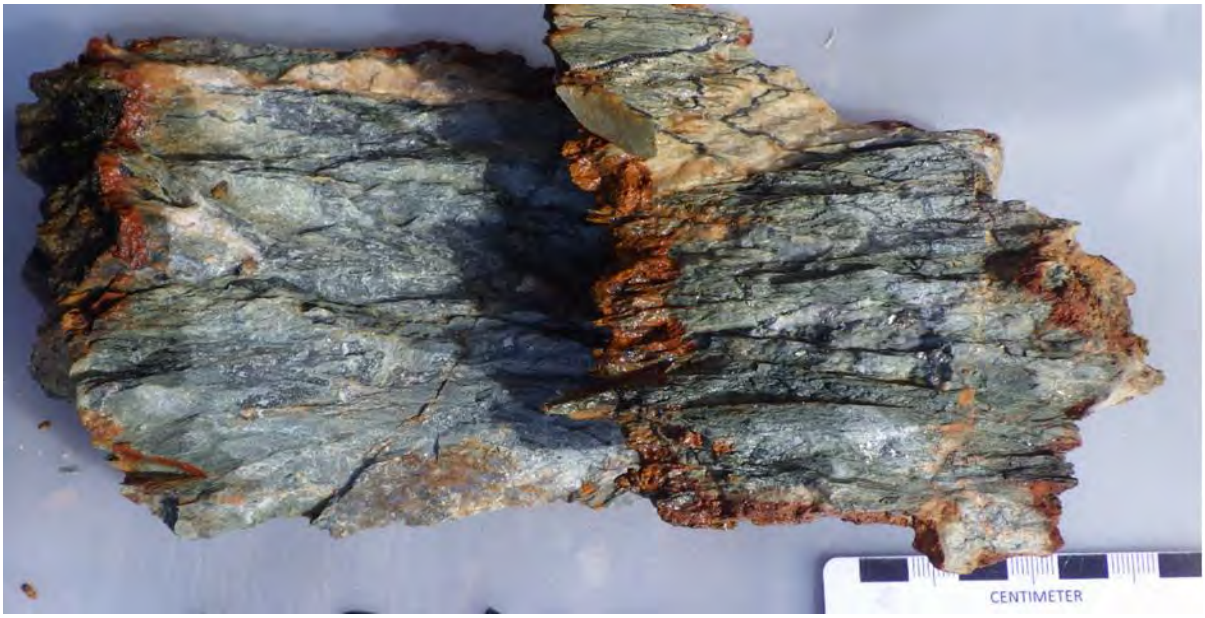


Plate 1: Big Sandy Showing, sample S194136. Sheared and carbonatized mafic metavolcanic with heavily disseminated fine-medium grained arsenopyrite (3%) and trace pyrite (1%). Alteration assemblage is chlorite, ankerite, biotite and silica.

Table 5: Big Sandy Showing, 2016 Significant Results, Savant Lake Property

Sample#	Showing	Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
S194127	Big Sandy	3.640	0.03	4110.0	20.3	1.5	34
S194135	Big Sandy	1.350	0.02	6070	29.1	0.4	24
S194131	Big Sandy	0.799	0.02	>1.0%	123.5	1.1	100
S194136	Big Sandy	0.146	0.05	497	174.5	0.5	79
S194132	Big Sandy	0.059	0.02	513	100.5	0.3	99

The Big Sandy Showing returned anomalous gold values in rock samples over an area at least 500 m wide from a series of 110° oriented shears. The anomalous samples coincide with an area of anomalous gold

geochemistry identified by earlier exploration efforts (AFRI#52J09SW2355). Samples from the Big Sandy showing are summarized in Table 5.

A number of isolated rock samples with anomalous gold were taken while prospecting TDEM and magnetic airborne targets on the property (Siemieniuk, 2017). Several anomalous samples came from an island on claims 4279401 and 4279402. This island lies along the strike of the KLSZ and there is a zone of shearing mapped on the north side of the island (Sanborne-Barrie, 2000). The rock samples include black sedimentary rocks and iron formation cut by localized, discordant, quartz-carbonate vein stockworks that returned up to 0.305 ppm Au. Three and a half kilometres southwest of the island (claim 4279398), two samples of a deformed quartz vein, hosted by iron-formation with disseminated pyrite and arsenopyrite, returned 0.171 and 0.165 ppm Au along with >1% As and up to 1870 ppm Pb. The Target 5b conductor from the airborne survey lies between these two sample areas, which line up along strike with the conductor. (Figure 6). The linear distribution of these anomalous samples within the KLSZ corridor provides an obvious target for follow up surface exploration.

Prospecting on the islands adjacent to airborne Target 11 (Figure 7), turned up a sample with 0.256 ppm Au and 2340 ppm As in carbonatized feldspar-phyric mafic flow. The sample came from a small island and contains 5% disseminated pyrite within a narrow shear zone.

Sample S194094 was taken 1.4 km west of the Stillar Bay Showing, on the east shore of the Narrows of Savant Lake. It is a grab sample of sheared mafic volcanic rock with strongly disseminated pyrite and minor quartz-carbonate veinlets. The sample is located within mapped exposures of polymictic conglomerate that belongs to the Narrows Formation.

Sample S193829 comes from an outcrop west of Savant Lake where historical soil sampling returned 151 ppb Au and 40 ppb Au in adjacent samples (AFRI#52J09SW0004). The sample is of a 1 cm wide, gossanous, quartz-carbonate veinlet, with 3-5% pyrite, in sedimentary rocks.

Table 6: Selected Samples, 2016 Significant Results, Savant Lake Property

Sample#	UTM_East	UTM_North	Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
S194098	680078	5594921	0.305	0.05	85.9	19.0	17.3	24
S194107	681029	5595514	0.088	0.13	6240.0	103.5	9.7	77
S193909	677257	5592989	0.171	1.52	>1.0%	224.0	161	35
S193910	677257	5592989	0.165	15.00	>1.0%	8.5	1870	5
S194182	679569	5587535	0.256	0.02	2340	228	0.5	18
S194094	676856	5586231	0.249	0.67	378.0	119.0	11.4	61
S193829	677719	5589937	0.142	0.07	21.6	9.8	7.4	4

6.5 Geophysics

The 2016 airborne survey (Siemieniuk, 2017) identified two types of geological TDEM responses. The first, called High Magnetic TDEM, are long strike-length anomalies associated with the strongly magnetic iron formations that were attributed by (St. Pierre, 2016) to the Superparamagnetic Effect (SPM) of magnetite. The second, called Low Magnetic TDEM, have classic conductor responses associated with sulphides or graphite and are not coincident with highly magnetic iron formation, although they may overlap with BIF. Eighteen of these Low Magnetic TDEM response were examined and thirteen were modelled using the EMIT Maxwell software (St. Pierre, 2016).

Some of the more significant TDEM anomalies identified by the airborne survey are associated with iron formation horizons and are located along the eastern portion of the KLSZ, including Targets 5, 23, and 10 (Figure 6). Target 5 is the best conductor and although the best-defined conductor may not correlate with the best gold mineralization in BIF-hosted deposits, it should provide indications of the nature of hydrothermal activity in the vicinity. Targets 8 and 9 are also associated with iron formation but lie just outside the main

structural corridor along a slightly more northerly trend than the overall KLSZ and so could possibly represent a splay fault. Quite commonly, secondary structures such as splays are the locus of gold mineralization.

Base and/or precious metal-enriched, volcanogenic massive sulphide (VMS) deposits represent the second significant potential target type on the Savant Lake property. The airborne VTEM survey identified several targets in the volcanic rocks of the Jutten Group that occur in variable settings (Figure 7). Of these, Target 15 lies at a transition from mafic to felsic volcanic rocks, which is a prospective setting for VMS mineralization. It's semi-conformable nature is also supportive of VMS whereas disseminated sulphide in the local stratigraphy suggests exhalative activity or feeder zones. Since the target is located under Savant Lake a drill hole is the only way to further evaluate the conductor.

Target 18 lies along the SBSZ and is spatially associated with gold-enriched disseminated sulphide. The modelled plate is quite flat lying, which does not match the overall orientation of the SBSZ, and it is a strong, albeit small, conductor. It lies near the upper contact of the Jutten Group, where there are felsic volcanic rocks along strike to the north, adjacent to Big Sandy Island. Potentially, this could represent a replacement-style massive sulphide body that is semi-conformable or cross cutting the volcanic stratigraphy. Alternatively, it could be a strongly mineralized, steeply plunging, shoot within the shear zone. Either way, this anomaly is a viable drill target.

Target 11 is a broad, strong conductor but is located within relatively homogeneous mafic volcanic rocks. There is some evidence for shearing but the cause of the conductor is not easily surmised based on local geology. The conductor is sub-parallel to local stratigraphy and iron formation has been mapped in the area (Bond, 1977), suggesting there may have been hydrothermal and/or exhalative activity at the time of volcanic activity. This could have lead to the accumulation of metalliferous sulphides in replacement bodies or on the seafloor. Drilling is the only way to evaluate the geological section for potential given the area is almost entirely under water.

7.0 DIAMOND DRILLING

In the period of March 1 to April 6, 2017, New Dimension completed 1626 metres of NQ-size diamond drilling in eight holes on the Savant Lake property (Figures 7a-b and 8a-h). A total of 467 core samples were taken and submitted for analysis in the course of the program, plus an additional 27 samples for quality assurance and quality control (QA/QC). The drill hole collar data are summarized in Table 7 below and the most significant intersections from the drill program are highlighted in Table 8. Drill logs are in Appendix B and geochemical certificates are included in Appendix C. The drill core is cross stacked and stored at Cliff and Roma's Wilderness Lodge on Savant Lake.

Table 7: Collar Data, 2017 Winter Drill Program, Savant Lake Property

Drill Hole	Claim	Easting (NAD83)	Northing (NAD83)	Elevation (m)	Azimuth°	Dip°	Total Depth (m)
NDR17-01	4270650	677277	5586482	408	210	-74	162
NDR17-02	4270652	679715	5587928	402	283	-74	348
NDR17-03	4279395	680675	5591249	397	319	-70	225
NDR17-04	4279899	678657	5594016	403	330	-45	174
NDR17-05	4279406	680140	5596870	403	140	-45	150
NDR17-06	4279403	678285	5594670	402	360	-45	203
NDR17-07	4279899	678350	5593700	405	330	-50	161
NDR17-08	4279403	678529	5594540	408	330	-45	203
						Total	**1626**

Drill holes NDR17-01 to 03 targeted VTEM conductors 18, 11A and 15B (Figure 6) within Jutten Group volcanic rocks in the southeastern corner of the property. NDR17-01 intersected the target 18 conductor between 92 and 113 metres depth. The conductor comprised argillite and heavily disseminated to semi-massive pyrite and pyrrhotite comprising 15 to 20% of core locally. The mineralized zone is hosted in a

package of fault brecciated banded chert and black argillite. Argillite is strongly silicified and sericitized proximal to the sulphide zone. Within this zone, an 11.2 m section contained anomalous gold (averaging 58 ppb) with accompanying anomalous arsenic and antimony (Table 8).

Hole NDR17-02 tested airborne target 11 A, a large, steeply plunging conductive anomaly within relatively homogeneous mafic volcanic rocks. The drill hole cut a thick package of mafic flows, dikes and tuffs interbedded with five narrow (0.5-5 m.) laminated tuff-iron formation intervals between 240 and 340 metres depth. Disseminated sulphides do occur in these intervals consisting of up to 1-3% pyrite, 5-7% pyrrhotite and trace chalcopyrite. However, no significant alteration was observed. The highest gold value was 51 ppb gold (over 0.75 metres) within a wider section with anomalous copper values up to 588 ppm Cu.

Hole NDR17-03 targeted airborne conductor 15, a steeply dipping conductivity anomaly west of Big Sandy Island. The hole intersected a felsic-intermediate pyroclastic package with local sedimentary horizons. Laminated and disseminated pyrite and pyrrhotite in black argillite was intercepted between 84-104.9 m, 116.95-118.5 m, 119.75-121.5 m. and 132.3-142.8 m. Sericite and silica alteration is present proximal to the massive sulphide lenses and a quartz-porphyry rhyolite unit close to the bottom of the hole. Within the massive sulphide package, a 13.5 m. section (90-103.5 m.) assayed 0.17% zinc, 0.06% Cu and 36 ppb gold. A further 5.9 metre section (111-116.9 m.) averaged 62 ppb gold with coincident anomalous arsenic and antimony.

Drill holes NDR17-04 through 08 tested targets associated with iron formation horizons within the Westshore Formation in the north-central part of the property. Hole NDR17-04 was drilled on airborne target 5B, a magnetic low and conductivity high zone with anomalous gold results in rock samples extending about 2 km along strike to the southwest and northeast of the conductor. Drilling suggests that the conductor is most likely a 27 m wide zone (from 113-140 m core depth) of 0.5-5 cm wide, foliation parallel, pyrrhotite-rich carbonate veins hosted by intercalated greywacke, argillite and banded iron formation. The banded iron formation occurs as 3-40 cm thick layers located several metres apart. Weak chlorite alteration is pervasive throughout the hole with increasing intensity proximal to large quartz-carbonate veins and high strain intervals. Trace amounts of arsenopyrite occur adjacent to quartz veins above and below the conductivity anomaly, and pyrite as well as pyrrhotite is ubiquitous throughout the hole. Higher sulphide concentrations occur in narrow high-strain zones between the sediment layers. The best gold values are 539 ppb over 1.25 m. (42.25-43.5m.) and 371 ppb over 1.5 m. (72.5-74.0 m.) (Table 8).

Table 8: Significant Results, 2017 Winter Drill Program, Savant Lake Property

Drill Hole	From (m)	To (m)	Width (m)	Au ppb	As ppm	Cu ppm	Sb ppm	Zn ppm
NDR17-01	101.80	113.00	11.20	58	205	74	16	260
NDR17-02	292.79	293.54	0.75	51	1	214	2	94
NDR17-03	90.00	103.50	13.50	36	100	597	19	1711
or	87.00	104.8	17.80	31	94	526	17	1453
and	111.00	116.90	5.90	62	318	8	41	46
NDR17-04	13.00	14.00	1.00	20	4550	52	4	75
	42.25	43.50	1.25	539	21	1	1	7
	72.50	74.00	1.50	371	33	36	4	68
NDR17-05				n.s.v.*.				
NDR17-06	140.0	141.50	1.50	<5	1465	60	1	105
NDR17-07	120.0	120.9	0.90	99	6	33	1	19
	129.9	131.0	1.10	89	25	43	1	62
NDR17-08				n.s.v.*				

*n.s.v. = no significant values

Drill hole NDR17-05 was drilled southeast at airborne target 8B, a sub-vertical to steeply southeast dipping conductive anomaly with a slightly more northerly strike than the overall trend of the KLSZ. The drill hole cut a succession of turbidite sediments consisting of finely laminated and bedded greywacke and argillite including 37 m of intercalated greywacke and iron formation from 93-130 m. This interval is also strongly

chlorite altered and contains strong pyrrhotite and lesser pyrite mineralization in foliation parallel bands and cross-cutting veins. The lower portion of this interval contains 5-10% sulphide-poor quartz-carbonate veins. This hole has no samples returning >5 ppb Au.

Drill hole NDR17-06 targeted airborne target 23, a weak conductor that is spatially associated with a transition between high and low magnetic intensity, as well as a mapped shear zone (Sanborne-Barrie, 2000). The hole cut a sequence of argillite-dominant turbidite with lesser greywacke and iron formation as well as a conformable basalt horizon occupying a 50 m section midway in the hole. The lower part of the hole continues into black argillite and greywacke with minor iron formation. Minor pyrite and pyrrhotite bands are present at the basalt-sediment contact and within the iron formation. A 1.5 m sample covering the sulphide bands at the basalt-sediment contact contains anomalous arsenic (1465 ppm) and molybdenum (381 ppm) (Table 8). Like NDR17-05, hole -06 also did not return any gold values >5 ppb.

Hole NDR17-07 intercepted a thick package of magnetite-rich iron formation a few hundred metres southeast, along strike and slightly down section, of NDR17-04. The hole targeted a weak airborne conductor (target 5A). At approximately 79 m core depth, the iron formation is cut by several metres of 10–15% quartz-ankerite veining with a narrow sub-interval that includes stringers with coarse-grained arsenopyrite mineralization. Outboard of the ankerite alteration is a broader envelope of silica alteration flanked by pyrrhotite sulphidation of the iron-rich sediments. Gold values, however, are only weakly anomalous with the best assays returning 99 ppb Au over 0.9 m. (120.0-120.9 m.) and 89 ppb Au over 1.1 m. (129.9-131.0 m.).

NDR17-08 was drilled beneath a historical Au-As soil anomaly and within a portion of the KLSZ section between holes NDR17-04 and 06. The upper part of the hole intersected relatively abundant quartz-carbonate veining and chlorite alteration within mostly iron formation. Pyrite contents locally range up to 3-5% and generally occur within veins and shears associated with the iron formation. Below approximately 100 m depth, there is a wide section of argillite with minor local bands of iron formation. This section contains roughly 0.5% pyrite as disseminated grains but lacks arsenopyrite. Gold contents are uniformly low throughout the hole with the best assays returning 14 ppb Au over 0.6 m from 188.0-188.6 m.

8.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

Geochemical sampling of the drill core was done by New Dimension during the course of the 2017 winter drilling program. Drill core samples were selected by the core logging geologist and given a sample number marked by a sample tag, part of which was left in the core box after sampling. Sample numbers were used in sequence from the sample tag books. After the core box was photographed, the core selected for sampling was split in half with a hand splitter. Half of this core was then placed in a large polyethylene bag for shipment to the analytical lab, and the other half was returned to its original position in the core box. Part of the sample tag was placed in the sample bag, after which the bag was closed with a zip-tie and placed along with other samples in a rice sack for transport.

QA/QC samples included one moderate grade gold standard (2.14 g/t Au), one quartz blank and two field duplicates that were inserted for every 40 samples, so that 10% of all analyses were for QA/QC. Examination of the QA/QC results showed no standards failures and no significant contamination. Duplicate samples did show some variability in the results, possibly attributable to the coarseness of the hand splitting method (Appendix D).

At the time of sample shipment, the sample numbers were re-checked and recorded on a sample shipment form and then the rice bags were sealed with a security seal. A list of sample numbers and security tags was sent to the assay lab in order to verify any sample tampering during shipment. None of the shipments were reported as damaged or altered upon receipt by the lab

Sample shipments were hand delivered to Manitoulin Transport and subsequently transported to ALS Labs preparation facility in Thunder Bay, Ontario. The Thunder Bay lab crushed, split and pulverized the samples and then shipped the resultant pulps to the ALS Vancouver lab for analysis.

It is this author's opinion that the level of sample security and quality assurance/quality control protocol was adequate for the level of program that was conducted by New Dimension.

9.0 INTERPRETATION AND CONCLUSIONS

Exploration work on the Savant Lake property to date has consisted mostly of surface work and greenfield drilling. There have been no large-scale drill programs and most mineral occurrences are known from surface exposures only. The winter 2017 drill program done by New Dimension aimed to build on historical work and delineate below-surface showings rather than re-visiting earlier work.

Most of the known mineral occurrences on the Savant Lake property are associated with BIF, comprising minor disseminated sulphides in the host rock and in small deformed quartz veins and veinlet swarms. As well, these showings have generally not been linked to through-going structures like shear zones. This lack of structural control on mineralization may be the reason why showings are generally restricted in size and associated with only weak alteration. Future exploration should work on identifying an underlying structural control that would allow extrapolation of a mineralized discovery to economic size. The 2016 airborne VTEM survey provides a consistent framework for evaluation of the showings and controls on mineralization. Interpretation of the airborne survey outlined a number of new targets, blind to surface, that occupy two prospective geological settings; iron-formation within shear zones, and submarine bimodal volcanic rocks. These were the primary targets from the 2017 winter drill program.

The most prospective deposit style on the Savant Lake property is BIF-hosted, sulphide replacement, gold deposits like the Musselwhite Mine (Oswald et al., 2015). Gold mineralization at the Musselwhite Mine occurs as sulphide replacement bodies linked by a through-going structure, or shear zone, that provides access for the fluids that bring the gold. Based on this model, the Savant Lake property does have the attributes to host significant BIF-hosted sulphide-replacement gold mineralization:

- abundant iron formation horizons that provide large volumes of permissive host rocks for sulphide replacement mineralization,
- polyphase folding to enhance the capacity of these rocks on a local scale,
- a large, strong through-going shear zone, the KLSZ, that tracks sub-parallel to the iron formation over 15 kilometres of strike.
- differential strain response due to the competency contrasts between the clastic sedimentary rocks and the relatively siliceous, chemical sedimentary iron formation, which should have created permeability for hydrothermal fluids.

There is room for significant, sulphide replacement, mineralized zones along the KLSZ on the Savant Lake property within the extensive iron formation horizons of the Westshore Formation. Significantly, one of the strongest showings on the property, the Wiggle Creek Showing, lies within the KLSZ at the western edge of the property. The KLSZ is not well explored east of the Wiggle Creek Showing, making that stretch an obvious target for exploration. As well, previous exploration identified (D_1?) shears at 100-110° and these are associated with mineralization at the Big Sandy Showing ((Duncan, 2016) and the One Pine Showing (AFRI#52J07NE9133, 9135).

The 2017 winter diamond drill program tested for BIF-hosted gold mineralization in one part of the KLSZ on the Savant Lake Property. The highest gold results came from wide intersections of banded iron formation in clastic sedimentary rocks around holes NDR17-04 and NDR17-07. Due to the polyphase folding in this area, iron formation-dominant rock is up to 50 m thick and shows evidence of shearing, veining and pyrite-arsenopyrite mineralization. The KLSZ may be up to 3 km wide in this area and the 2017 drilling has only tested a small portion of the section. Although gold grades were low, the drill program did detect signs of alteration and mineralization within the KLSZ and the BIF-hosted gold target remains permissive and untested along most of the shear zone.

Outside the KLSZ, the Big Sandy Showing has 2-5% disseminated pyrite-arsenopyrite mineralization and anomalous gold values over a significant zone (~70 m) in mafic volcanic rocks striking about 110° (Duncan, 2016). This structural orientation is parallel to several magnetic and topographic lineaments trending east-southeast from the Wiggle Creek Showing and may represent early D_1 structures. The showing is also spatially associated with a weakly defined structural corridor (the Savant Lake Fault, Bond, 1977) striking 040°. The existence of the 040° shear is interpreted from local strong D_2 axial planar foliation and it stretches several kilometres to the southwest of Big Sandy Island where it incorporates the L28/Shoal occurrences as well. However, the relations between the mineralized shears at Big Sandy and the overall structural setting of the property is not well understood and so the Big Sandy showing was not drilled in the 2017 winter drill program. Geological mapping may help provide more clarity.

Two of the three holes drilled on conductors within the Jutten Group volcanic rocks intersected massive to semi-massive sulphide mineralization associated with argillaceous sedimentary rocks. Although the sulphide mineralization consisted primarily of pyrite and pyrrhotite, there was minor sphalerite and chalcopyrite observed as well. The geochemical results show elevated zinc, particularly in hole NDR17-03 that was drilled on Target 15. As well, there were indications of silicification and carbonatization associated with this mineralization, suggesting the mineralization is likely of hydrothermal origin. Target 15 is a very large conductor and NDR17-03 tested only a very small portion, so it may be that the hole has intersected the iron-rich portion of a massive sulphide system. Given that metal zonation is very common in volcanogenic massive sulphide systems and there are signs of hydrothermal activity, there is impetus for additional exploration on Target 15.

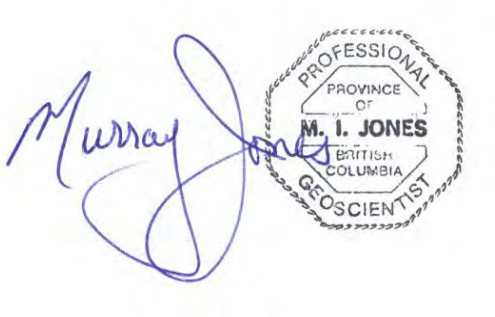
10.0 RECOMMENDATIONS

The 2017 winter drill program on the Savant Lake Property comprised a greenfield exploration drill program on some of the more prominent targets identified through the 2016 airborne survey. Although no economic intercepts were returned, drilling did identify some encouraging signs of alteration that suggest additional work is merited.

More surface exploration work is recommended to resolve some outstanding issues with the property geology. In particular, the area around the Big Sandy Showing should be mapped in detail with an emphasis on determining the overall structural controls on the gold mineralization. As well, there is room for more detailed exploration along the KLSZ and around several of the other showings. This could involve a combination of geological mapping, geochemical sampling (using a method appropriate to the local physiography and overburden types) and geophysics, including detailed magnetometer surveys and local induced polarization surveys to locate zones of enhanced sulphide replacement within the BIF horizons.

Following this ground work, a drill program may be warranted to explore any new targets as well as other airborne targets that were not investigated in the winter drill program.

Respectfully submitted,



Murray Jones, M.Sc., P.Geo.
EQUITY EXPLORATION CONSULTANTS LTD.
Vancouver, British Columbia
May 25, 2017

Appendix A: References

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Appendix B: Diamond Drill Hole Reports and

Strip Logs

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-01**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Dave Nuttall	Date Logging Start:	3/8/2017
UTM Easting:	677277	Core Size:	NQ	Azimuth:	210	Date Logging Complete:	3/12/2017
UTM Northing:	5586482	Casing Pulled?:	Yes	Dip:	-74	Drill Company:	Dorado
UTM Elev. (m):	408	Casing Depth (m):	12	Length (m):	162	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270650	Drill Started:	3/5/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s lodge	Drill Completed:	3/11/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
						Parent Hole:	

Comments:

NDR17-01 is an exploration hole that targeted a subsurface conductive anomaly, target 18 from 2016 Geotech airborne survey, a relatively small, shallow dipping plate, possibly along strike from mineralized intercepts in Stillar Bay drilling. NDR17-01 intersected a conductive anomaly between 92-113 m depth, composed of heavily disseminated to semi-massive sulphides; dominantly pyrite and pyrrhotite composing up to 15-20 % of the core locally. The mineralized zone is hosted in a package of fault brecciated banded chert and black argillite. Argillite is strongly silicified and sericitized proximal to the sulphide zone. The chemical sediment package is hosted in a stack of weakly sericitized and carbonatized intermediate tuffaceous ash dominant sediments that lay unconformably over a polymictic volcanic conglomerate, intersected from 145.95-162 m (EOH).

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
18	-76.5	322.2	-3.1	319.1	EZShot	Dorado	3/10/2017	41054	☐	
27	-76.1	221.7	-3.1	218.6	EZShot	Dorado	3/10/2017	61040	☐	
36	-75.8	223.1	-3.1	220	EZShot	Dorado	3/10/2017	60811	☐	
45	-75.6	223.5	-3.1	220.4	EZShot	Dorado	3/10/2017	60723	☐	
50	-75.4	225.9	-3.1	222.8	EZShot	Dorado		60288	☐	
54	-75.4	223.6	-3.1	220.5	EZShot	Dorado	3/10/2017	60438	☐	
63	-75.3	224.2	-3.1	221.1	EZShot	Dorado	3/10/2017	60348	☐	
72	-75.2	224.6	-3.1	221.5	EZShot	Dorado	3/10/2017	60148	☐	
81	-75.1	224.9	-3.1	221.8	EZShot	Dorado	3/10/2017	59966	☐	
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126	-74.2	228.6	-3.1	225.5	EZShot	Dorado	3/10/2017	60535	☐	
135	-74	228.2	-3.1	225.1	EZShot	Dorado	3/10/2017	60484	☐	
144	-73.8	228.4	-3.1	225.3	EZShot	Dorado	3/10/2017	60418	☐	
153	-73.7	228.2	-3.1	225.1	EZShot	Dorado	3/10/2017	60386	☐	
162	-73.4	228.6	-3.1	225.5	EZShot	Dorado	3/10/2017	60280	☐	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**10.00**	**OVBN Overburden** 0 - 10: Boulders, pebbles and sand sized float composed of felsic, intermediate and mafic metavolcanics. <<Alt: 0 - 38.7 Strong Calcite>> Localized intervals of less intense or pervasive carbonate.									
10.00	**23.99**	**IVOL Intermediate Metavolcanic medium grey FCG** 10 - 23.99: Medium grey, intermediate tuff. Pervasively carbonatized. Weak sericite alteration. Minerals are aphanitic but suspected sericite, carbonate, biotite, chlorite. 0.25-0.5 % pyrite is finely disseminated through the interval and local high concentrations of pyrite (up to 10-12%) occurr in thin foliaton parallel bands (0.5-4 mm wide), veins and lapilli. Pyhrrotite is disseminated sparsely in trace amounts (0.1%). Bimodal distribution of 1-10 mm subrounded felsic (qtz-cb) and 1-50 mm black mudstone clasts (biotite rich) Crystals and lithics appear sparsely.	11.87	13.00	1.13	Q930301	0.012	38	155	80	8
		<<Min: 10 - 13.6 5% pyrite>>	13.00	14.00	1.00	Q930302	0.006	25	147	65	4
		<<Min: 10 - 39 0.1% pyrrhotite>>	17.70	19.20	1.50	Q930303	-0.005	25	106	53	5
		<<Min: 13.6 - 39 0.5% pyrite>>	19.20	20.70	1.50	Q930304	-0.005	26	119	53	-2
		<<Alt: 10 - 92 Weak White mica (Sericite)>>	20.70	22.20	1.50	Q930305	-0.005	21	118	52	4
		<<Vein: 12 - 36.45 2% Quartz>> 0.5-3 mm wide discordant carbonate +/- quartz veinlets. Comprise ~3% of the rock. Two orientations are obvious and both sets range in orientation from 0-45 degrees from core axis. The two dominant vein orientations are offset from 30-90 degrees from eachother. Sulphides are sometimes only found in one vein set orientation and not the other.									
23.99	**43.60**	**IVOL Intermediate Metavolcanic medium grey VFG** 23.99 - 43.6: Very fine grained, strongly carbonatized and weakly sericitized intermediate tuff. Minerals are aphanitic but suspected sericite, carbonate, biotite, chlorite. Foliation surfaces have a phyllitic sheen. Dark, elongated (parallel to foliation) amorphous domains (1-5 mm wide; 1-6 cm long) are thought to be argillaceous. Pyrite is the dominant sulphide (~1%) present as isolated pods, finely disseminated and commonly found along the walls of (foliation parallel and discordant) quartz +/- carbonate veins.	28.05	29.55	1.50	Q930306	-0.005	39	137	51	3
		<<Min: 39 - 60 1% pyrite>>	34.50	36.00	1.50	Q930307	-0.005	26	139	72	2
		<<Min: 39 - 60 1% pyrrhotite>>									
		<<Alt: 38.7 - 60 Moderate Calcite>> Carbonate is weakly disseminated in host rock, but strong in fractures and veins. Short intervals of the host schist are pervasively carbonatized.									
		<<Vein: 36.45 - 36.51 Quartz 40 deg. >>									
		<<Vein: 36.51 - 92 2% Quartz>> 0.5-3 mm wide discordant carbonate +/- quartz veinlets. Comprise ~3% of the rock. Two orientations are obvious and both sets range in orientation from 0-45 degrees from core axis. The two dominant vein orientations are offset from 30-90 degrees from eachother. Sulphides are sometimes only found in one vein set orientation and not the other.									
		<<Struc: 35 - 35 Moderate Foliated>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
43.60	**51.00**	**IVOL Intermediate Metavolcanic medium grey VFG** 43.6 - 51: Very fine grained-aphanitic, light-medium grey colored tuff/metasediment. Mixing with black argillaceous component becomes more prevalent towards bottom of the interval. Rock is pervasively carbonate altered. Fractures and veins are dominantly carbonate filled and carry sulphides (py and po 2-5%). Isolated lenses and blebs of pyrrhotite approximately 0.5-1% through interval. Disseminated pyrite approximately 1% through interval. Anastamosing foliation defined by biotite.									
51.00	**53.10**	**IVOL Intermediate Metavolcanic dark grey VFG** 51 - 53.1: Medium-dark grey, tuff. Fracture/breccia zone. Minerals are aphanitic to very fine grained; suspected carbonate, sericite, biotite, chlorite. Fractures and veining filled with carbonate and carries py ~5%, po ~3%.	51.00	52.50	1.50	Q930308	-0.005	27	130	64	2
53.10	**92.00**	**IVOL Intermediate Metavolcanic light grey VFG** 53.1 - 92: Very fine grained, light-medium grey colored intermediate tuff/metasediment. Foliation surfaces have a phyllitic sheen. Mixing with black argillaceous component becomes more prevalent towards bottom of the interval. Rock is pervasively carbonate altered. Fractures and veins are dominantly carbonate filled and carry sulphides (py and po 2-5%). Isloated lenses and blebs of pyrrhotite approximately 0.5-1% through interval. Disseminated pyrite approximately 1% through interval. Anastamosing foliation defined by dark minerals (bi/chl). Rock color darkens down the interval, perhaps due to increasing argillite component.	60.00	61.50	1.50	Q930309	0.005	16	157	72	6
		<<Min: 60 - 63 3% pyrite>> Fine grained pyrite in carbonate veins and finely disseminated in host schist proximal to veins.	61.50	63.00	1.50	Q930311	-0.005	5	150	66	3
		<<Min: 60 - 92 1% pyrrhotite>>	84.40	85.90	1.50	Q930312	-0.005	48	67	150	3
		<<Min: 63 - 92 2% pyrite>> Appears to be associated with carbonate fracture filling and veining.									
		<<Alt: 60 - 92 Strong Calcite>> Pervasive through host rock, fractures and veins.									
		<<Struc: 90.05 - 90.6 Moderate Brecciated >>									
		<<Struc: 90.6 - 90.6 Strong Foliated>>									
92.00	**95.00**	**ARGL Argillite dark grey VFG** 92 - 95: Dark grey to black, very fine grained, well foliated (with slaty cleavage) argillaceous sediment. Top of interval is brecciated, containing angular chert clasts and ductily deformed black sediment.Pyrite (5-7%) and Pyrrhotite (3.-5%) are concentrated in breccia matrix, but are also disseminated along host rock fractures and foliations.	92.00	93.50	1.50	Q930313	-0.005	123	150	174	3
		<<Min: 92 - 99.83 5% pyrite>> Appears to be associated with argillaceous host	93.50	95.00	1.50	Q930314	-0.005	132	127	173	4
		<<Min: 92 - 99.83 5% pyrrhotite>> Appears to be associated with argillaceous host									
95.00	**96.50**	**ARGL Argillite dark grey VFG** 95 - 96.5: Brecciated zone of interbedded / banded argillite and chert. In breccia zones, argillite is associated with sulphides (py and po) and deformed ductily while the chert is present as angular clasts supported by the argillaceous matrix. Interval is pervasively silicified.	95.00	96.50	1.50	Q930315	0.015	185	72	794	7
		<<Alt: 95 - 113 moderate to strong Silicification >> Pervasive silicification									
		<<Struc: 95 - 95 moderate to strong contact>> Contact between argillite above and breccia below.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Struc: 95 - 96.5 Strong Brecciated >>									
96.50	**99.83**	**ARGL Argillite light grey VFG**	96.50	97.56	1.06	Q930316	0.008	16	50	647	6
		96.5 - 99.83: Interbedded or banded chert-argillite. Milky white chert beds range from 1-7 cm thick and are predominantly larger than the thinly laminated argillite beds. Large quartz vein at 97.66-97.85 m contains vugs and massive pyrite. Interval is pervasively silicified. From 99-99.83 m, argillite beds are almost completely altered to sericite and silicified, giving them a buff cream-white color. Sulphides, pyrite and pyrrhotite are concentrated in the black argillite and chert fractures.									
		<<Alt: 98 - 99.83 moderate to strong White mica (Sericite)>> Pervasively altered argillaceous beds in banded chert-argillite unit.	97.56	98.30	0.74	Q930317	-0.005	24	63	49	2
		<<Struc: 98.2 - 98.2 Strong Bedded>> Bedding of chert-argillite unit.	98.30	99.83	1.53	Q930318	-0.005	13	19	40	4
99.83	**102.80**	**SXMX Semi-massive sulphide black FCG**	99.83	100.80	0.97	Q930319	0.014	215	119	498	14
		99.83 - 102.8: Deformed and brecciated black argillaceous unit with semi-massive pyrite and pyrrhotite. 0.5-2 cm brecciated clasts of chert and sulphide in the argillite matrix. Pyrrhotite ~10-12% and pyrite ~12-15%. Few relict argillite-chert beds remain as vestiges of original host.									
		<<Min: 99.83 - 102 5% pyrite>> Appears to be associated with argillaceous host. Rounded nodules.	100.80	101.80	1.00	Q930321	0.014	55	137	131	10
		<<Min: 99.83 - 102.8 12% pyrrhotite>> Appears to be associated with argillaceous host	101.80	102.80	1.00	Q930322	0.101	277	42	182	50
		<<Min: 102 - 108 15% pyrite>>									
		<<Struc: 99.83 - 99.83 moderate to strong contact>> Contact: upper is chert-argillite; lower is SXMX-argillite									
102.80	**113.00**	**SXMX Semi-massive sulphide light grey FMG**	102.80	104.00	1.20	Q930323	-0.005	2	42	37	3
		102.8 - 113: Banded chert-argillite hosting heavily disseminated to semi-massive sulphide. Interval is moderately altered by sericite and weakly silicified. Pyrite is more dominant at top of interval but less dominant at the base (range from 15% top to 5% at base). Pyrrhotite becomes more dominant towards base of the interval (ranging from ~5% top to 12% base). Sulphides are concentrated in argillite beds and fractures within chert bands.									
		<<Min: 102.8 - 108 5% pyrrhotite>>	104.00	105.00	1.00	Q930324	0.024	226	105	200	22
		<<Min: 108 - 111.5 15% pyrrhotite>>	105.00	106.00	1.00	Q930325	0.016	186	79	161	12
		<<Min: 108 - 112.8 5% pyrite>>	106.00	107.00	1.00	Q930326	0.023	226	79	263	24
		<<Min: 111.5 - 113 5% pyrrhotite>>	107.00	108.00	1.00	Q930327	0.071	356	91	230	43
		<<Min: 112.8 - 141 0.5% pyrite>> In and proximal to carbonate veins. Sparse very finely disseminated in host.	108.00	109.00	1.00	Q930328	0.112	204	95	260	17
		<<Alt: 102.8 - 108.2 moderate to strong White mica (Sericite)>>	109.00	110.00	1.00	Q930329	0.024	177	96	393	5
		<<Struc: 103.25 - 103.25 Strong Bedded>> Bedding of chert-argillite unit.	110.00	111.00	1.00	Q930331	0.026	66	68	345	3
			111.00	112.00	1.00	Q930332	0.075	17	81	600	-2
			112.00	113.00	1.00	Q930333	0.169	555	45	228	-2

From (m)	To (m)	Rocktype & Description

113.00 145.95 IVOL Intermediate Metavolcanic grey-green VFG

113 - 145.95: Very fine grained, grey-green, phyllitic, intermediate tuff. Rock is pervasively carbonatized but ranges in intensity from moderate-strong to strong. Fractures have a phyllitic sheen. Mineral grains that compose the host are aphanitic for the most part but are thought to include sericite, carbonate, biotite and chlorite. Foliation is predominantly defined by dark minerals (bi or chl?). Thin carbonate veins ~0.5-2 mm are ubiquitous through the interval. Some carbonate veins carry py and or po. At 135.3 m, 2 sets of veins cross cut each other; the larger veins carry sulphides and are cross cut by barren calcite veins. Upper contact is gradational from sulphide zone; lower contact Is abrupt and meets lower conglomerate unit; contact is suspected to be unconformable.

<<Min: 113 - 162 0.25% pyrrhotite>>

<<Min: 141 - 145.95 1% pyrite>> Associated with carbonate veins.

<<Min: 141 - 145.95 0.1% arsenopyrite>> Possible fine grained AS grains in carbonate veins.

<<Alt: 113 - 145.95 Strong Calcite>> Pervasive through interval.

<<Alt: 113 - 162 Weak to moderate White mica (Sericite)>>

<<Vein: 113 - 162 2% Quartz>> 0.5-3 mm wide carbonate veins +/- quartz and or sulphides.

<<Struc: 113 - 113 Moderate contact>> Contact (gradational): upper is SXMX-chert/argillite; lower is tuffaceous sediment (phyllite)

<<Struc: 128.05 - 128.05 moderate to strong Foliated>> Foliation dominant

<<Struc: 142.5 - 142.5 moderate to strong Foliated>>

145.95 162.00 CNGL Conglomerate grey-green FCG

145.95 - 162: Grey-green, poorly sorted, clast supported, volcanic conglomerate. Grain size increases down the interval from clay +/- pebbles to pebbles and cobbles. Clasts appear to be of intermediate - mafic volcanics and tuffaceous sediments. Sulphides (pyrite 1% and possible arsenopyrite <<1%) appear confined to select carbonate altered clasts or in narrow carbonate veins.

<<Min: 145.95 - 162 0.5% pyrite>> Disseminated locally in some clasts of the conglomerate unit. Also seen sparsely in thin carbonate veins.

<<Alt: 145.95 - 162 moderate to strong Calcite>> Pervasive through tuffaceous conglomerate clasts, fractures and veins. Less intense in matrix.

<<Struc: 145.95 - 145.95 moderate to strong contact>> Contact: upper is phyllite; lower is conglomerate

<<Struc: 147.6 - 147.6 Strong Foliated>>

<<Struc: 161.3 - 161.3 moderate to strong Foliated>>

End of Hole @ 162

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
113.00	114.50	1.50	Q930334	0.007	117	150	116	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: **Savant Lake** **Hole Number:** **NDR17-01**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Dave Nuttall	Date Logging Start:	3/8/2017
UTM Easting:	677277	Core Size:	NQ	Azimuth:	210	Date Logging Complete:	3/12/2017
UTM Northing:	5586482	Casing Pulled?:	Yes	Dip:	-74	Drill Company:	Dorado
UTM Elev. (m):	408	Casing Depth (m):	12	Length (m):	162	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270650	Drill Started:	3/5/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s lodge	Drill Completed:	3/11/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

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135	-74	228.2	-3.1	225.1	EZShot	Dorado	3/10/2017	60484	☐	
144	-73.8	228.4	-3.1	225.3	EZShot	Dorado	3/10/2017	60418	☐	
153	-73.7	228.2	-3.1	225.1	EZShot	Dorado	3/10/2017	60386	☐	
162	-73.4	228.6	-3.1	225.5	EZShot	Dorado	3/10/2017	60280	☐	

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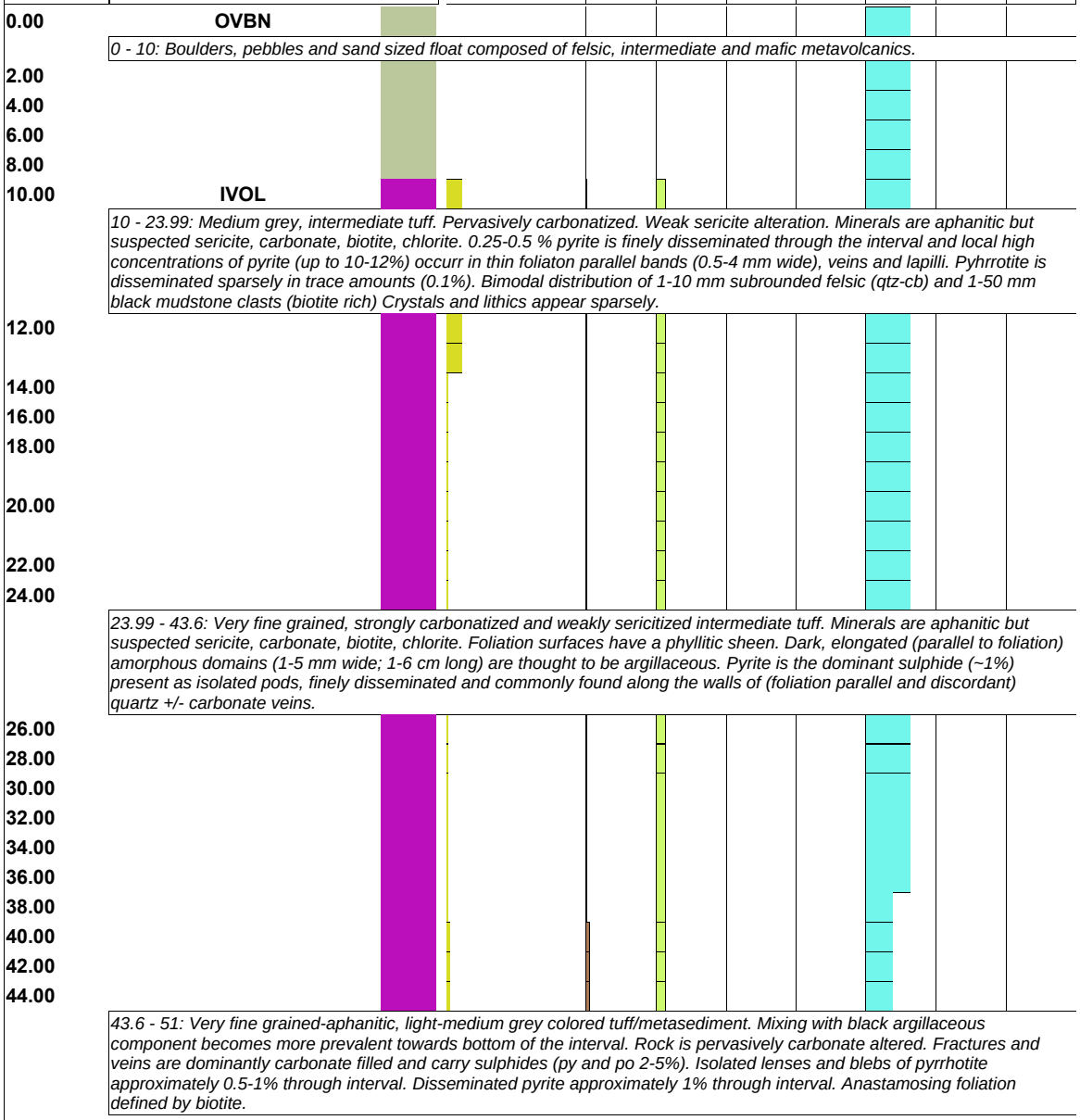
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-01



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**OVBN**									
	0 - 10: Boulders, pebbles and sand sized float composed of felsic, intermediate and mafic metavolcanics.									
2.00										
4.00										
6.00										
8.00										
10.00	**IVOL**	11.87	13.00	1.13	Q930301	0.012	38	155	80	8
	10 - 23.99: Medium grey, intermediate tuff. Pervasively carbonatized. Weak sericite alteration. Minerals are aphanitic but suspected sericite, carbonate, biotite, chlorite. 0.25-0.5 % pyrite is finely disseminated through the interval and local high concentrations of pyrite (up to 10-12%) occurr in thin foliaton parallel bands (0.5-4 mm wide), veins and lapilli. Pyhrrotite is disseminated sparsely in trace amounts (0.1%). Bimodal distribution of 1-10 mm subrounded felsic (qtz-cb) and 1-50 mm black mudstone clasts (biotite rich) Crystals and lithics appear sparsely.									
12.00		13.00	14.00	1.00	Q930302	0.006	25	147	65	4
14.00										
16.00		17.70	19.20	1.50	Q930303	-0.005	25	106	53	5
18.00		19.20	20.70	1.50	Q930304	-0.005	26	119	53	-2
20.00		20.70	22.20	1.50	Q930305	-0.005	21	118	52	4
22.00										
24.00										
	23.99 - 43.6: Very fine grained, strongly carbonatized and weakly sericitized intermediate tuff. Minerals are aphanitic but suspected sericite, carbonate, biotite, chlorite. Foliation surfaces have a phyllitic sheen. Dark, elongated (parallel to foliation) amorphous domains (1-5 mm wide; 1-6 cm long) are thought to be argillaceous. Pyrite is the dominant sulphide (~1%) present as isolated pods, finely disseminated and commonly found along the walls of (foliation parallel and discordant) quartz +/- carbonate veins.									
26.00										
28.00		28.05	29.55	1.50	Q930306	-0.005	39	137	51	3
30.00										
32.00										
34.00		34.50	36.00	1.50	Q930307	-0.005	26	139	72	2
36.00										
38.00										
40.00										
42.00										
44.00										
	43.6 - 51: Very fine grained-aphanitic, light-medium grey colored tuff/metasediment. Mixing with black argillaceous component becomes more prevalent towards bottom of the interval. Rock is pervasively carbonate altered. Fractures and veins are dominantly carbonate filled and carry sulphides (py and po 2-5%). Isolated lenses and blebs of pyrrhotite approximately 0.5-1% through interval. Disseminated pyrite approximately 1% through interval. Anastamosing foliation defined by biotite.									

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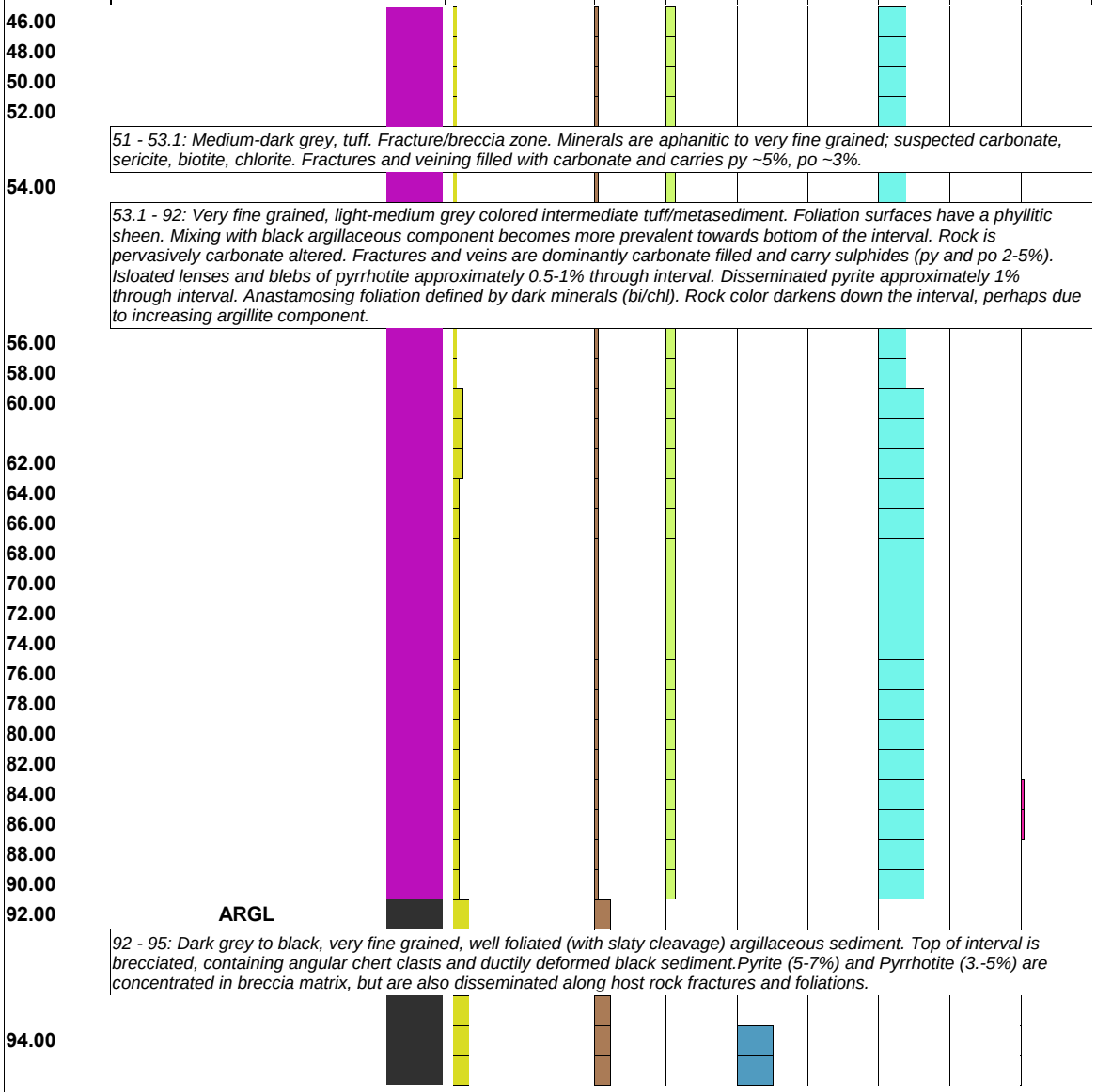
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-01



51 - 53.1: Medium-dark grey, tuff. Fracture/breccia zone. Minerals are aphanitic to very fine grained; suspected carbonate, sericite, biotite, chlorite. Fractures and veining filled with carbonate and carries py ~5%, po ~3%.

53.1 - 92: Very fine grained, light-medium grey colored intermediate tuff/metasediment. Foliation surfaces have a phyllitic sheen. Mixing with black argillaceous component becomes more prevalent towards bottom of the interval. Rock is pervasively carbonate altered. Fractures and veins are dominantly carbonate filled and carry sulphides (py and po 2-5%). Isloated lenses and blebs of pyrrhotite approximately 0.5-1% through interval. Disseminated pyrite approximately 1% through interval. Anastamosing foliation defined by dark minerals (bi/chl). Rock color darkens down the interval, perhaps due to increasing argillite component.

92 - 95: Dark grey to black, very fine grained, well foliated (with slaty cleavage) argillaceous sediment. Top of interval is brecciated, containing angular chert clasts and ductily deformed black sediment.Pyrite (5-7%) and Pyrrhotite (3.-5%) are concentrated in breccia matrix, but are also disseminated along host rock fractures and foliations.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
51.00	52.50	1.50	Q930308	-0.005	27	130	64	2
60.00	61.50	1.50	Q930309	0.005	16	157	72	6
61.50	63.00	1.50	Q930311	-0.005	5	150	66	3
84.40	85.90	1.50	Q930312	-0.005	48	67	150	3
92.00	93.50	1.50	Q930313	-0.005	123	150	174	3
93.50	95.00	1.50	Q930314	-0.005	132	127	173	4

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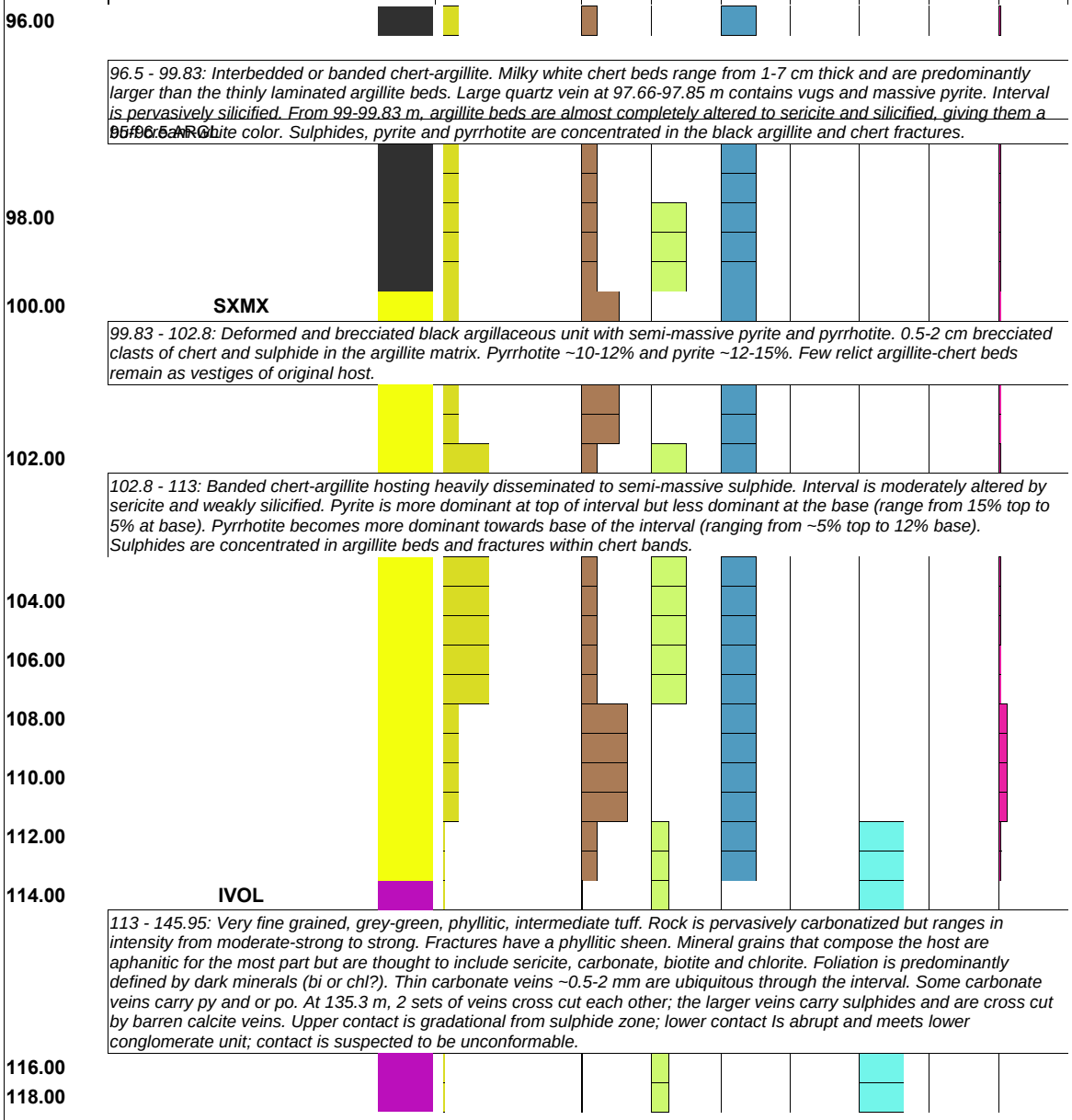
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-01



96.5 - 99.83: Interbedded or banded chert-argillite. Milky white chert beds range from 1-7 cm thick and are predominantly larger than the thinly laminated argillite beds. Large quartz vein at 97.66-97.85 m contains vugs and massive pyrite. Interval is pervasively silicified. From 99-99.83 m, argillite beds are almost completely altered to sericite and silicified, giving them a pervasive white color. Sulphides, pyrite and pyrrhotite are concentrated in the black argillite and chert fractures.

99.83 - 102.8: Deformed and brecciated black argillaceous unit with semi-massive pyrite and pyrrhotite. 0.5-2 cm brecciated clasts of chert and sulphide in the argillite matrix. Pyrrhotite ~10-12% and pyrite ~12-15%. Few relict argillite-chert beds remain as vestiges of original host.

102.8 - 113: Banded chert-argillite hosting heavily disseminated to semi-massive sulphide. Interval is moderately altered by sericite and weakly silicified. Pyrite is more dominant at top of interval but less dominant at the base (range from 15% top to 5% at base). Pyrrhotite becomes more dominant towards base of the interval (ranging from ~5% top to 12% base). Sulphides are concentrated in argillite beds and fractures within chert bands.

113 - 145.95: Very fine grained, grey-green, phyllitic, intermediate tuff. Rock is pervasively carbonatized but ranges in intensity from moderate-strong to strong. Fractures have a phyllitic sheen. Mineral grains that compose the host are aphanitic for the most part but are thought to include sericite, carbonate, biotite and chlorite. Foliation is predominantly defined by dark minerals (bi or chl?). Thin carbonate veins ~0.5-2 mm are ubiquitous through the interval. Some carbonate veins carry py and or po. At 135.3 m, 2 sets of veins cross cut each other; the larger veins carry sulphides and are cross cut by barren calcite veins. Upper contact is gradational from sulphide zone; lower contact Is abrupt and meets lower conglomerate unit; contact is suspected to be unconformable.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
95.00	96.50	1.50	Q930315	0.015	185	72	794	7
96.50	97.56	1.06	Q930316	0.008	16	50	647	6
97.56	98.30	0.74	Q930317	-0.005	24	63	49	2
98.30	99.83	1.53	Q930318	-0.005	13	19	40	4
99.83	100.80	0.97	Q930319	0.014	215	119	498	14
100.80	101.80	1.00	Q930321	0.014	55	137	131	10
101.80	102.80	1.00	Q930322	0.101	277	42	182	50
102.80	104.00	1.20	Q930323	-0.005	2	42	37	3
104.00	105.00	1.00	Q930324	0.024	226	105	200	22
105.00	106.00	1.00	Q930325	0.016	186	79	161	12
106.00	107.00	1.00	Q930326	0.023	226	79	263	24
107.00	108.00	1.00	Q930327	0.071	356	91	230	43
108.00	109.00	1.00	Q930328	0.112	204	95	260	17
109.00	110.00	1.00	Q930329	0.024	177	96	393	5
110.00	111.00	1.00	Q930331	0.026	66	68	345	3
111.00	112.00	1.00	Q930332	0.075	17	81	600	-2
112.00	113.00	1.00	Q930333	0.169	555	45	228	-2
113.00	114.50	1.50	Q930334	0.007	117	150	116	-2

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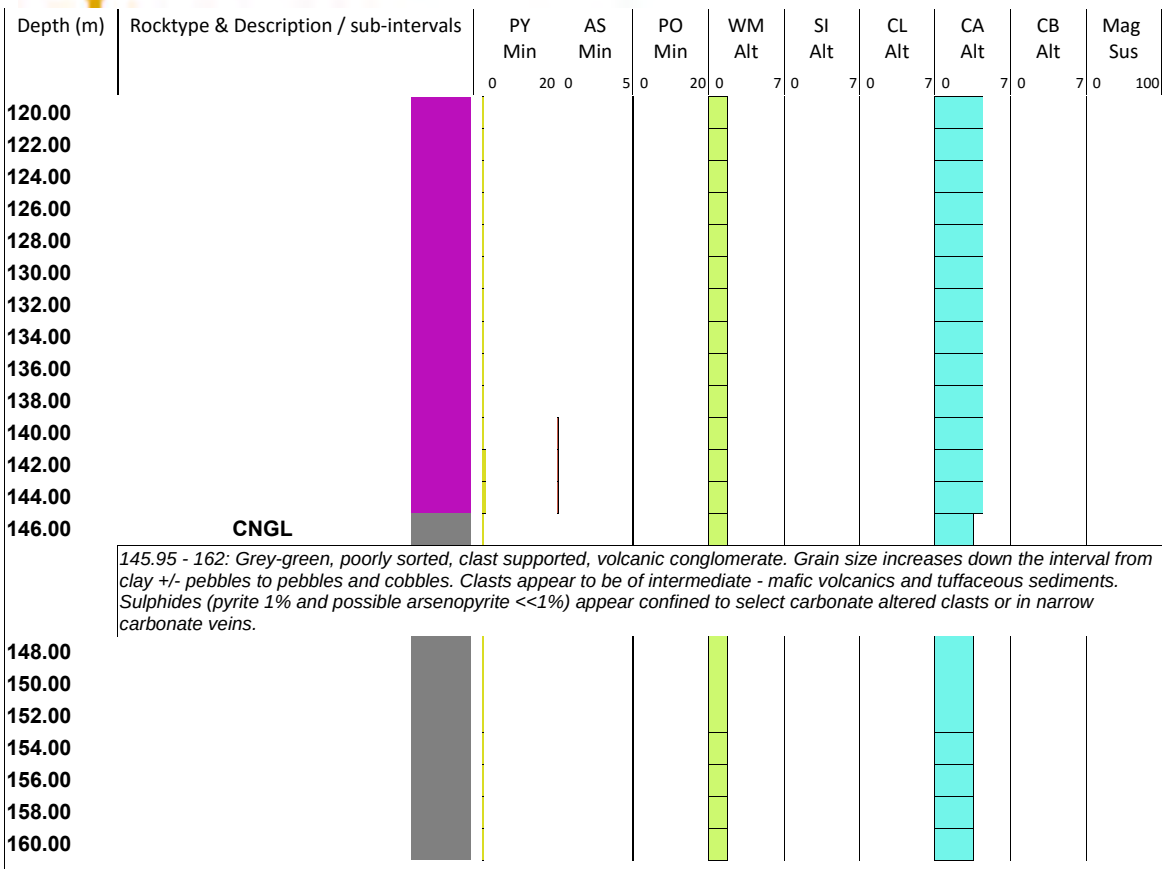
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-01



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41

End of Hole @ 162

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-02**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	3/12/2017
UTM Easting:	679743	Core Size:	NQ	Azimuth:	283	Date Logging Complete:	3/16/2017
UTM Northing:	5587934	Casing Pulled?:	Yes	Dip:	-74	Drill Company:	Dorado
UTM Elev. (m):	402	Casing Depth (m):	1.5	Length (m):	348	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270652	Drill Started:	3/11/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/16/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-02 is an exploration hole, designed to test steeply dipping airborne cinductor, target 11a. No significant alteration or mineralization was encountered. The drill core displays a thick package of mafic metavolcanic flows and tuffs, (locally) weakly altered by with chlorite, epidote and carbonate minerals. Within the volcanic pile, the following intervals 240-242 m, 252-257 m, 292-293 m, 303.5-304 m, and 317.5-318 m comprise narrow (0.5-5 m wide (not true thickness)) laminated tuff - iron formation intervals that host disseminated sulphides (pyrite, pyrrhotite and chalcopyrite) from 5-10% with pyrrhotite as the dominant phase.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-74	283			GPS	Murray Jones	3/12/2017		☑	Bearing from projection using GPS and wooden pickets over 340 m distance.
50	-73	308.2	4	312.2	EZShot	Dorado	3/12/2017	59943	☐	Large azimuth deviation. Likely magnetic influence from host rock.
100	-71.5	308.6	4	312.6	EZShot	Dorado	3/12/2017	60704	☐	Large azimuth deviation. Likely magnetic influence from host rock.
150	-71.2	311.6	4	315.6	EZShot	Dorado	3/13/2017	60070	☐	Large azimuth deviation. Likely magnetic influence from host rock.
201	-70.5	313.7	4	317.7	EZShot	Dorado	3/14/2017		☐	
252	-67.3	332.1	4	336.1	EZShot	Dorado	3/14/2017	59382	☐	Large azimuth deviation. Likely magnetic influence from host rock.
300	-65.1	314.6	4	318.6	EZShot	Dorado	3/15/2017	59844	☐	Large azimuth deviation. Likely magnetic influence from host rock.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**1.50**	**OVBN Overburden**									
<<Min: 0 - 30 0.5% pyrrhotite>>											
<<Min: 0 - 135 0.1% pyrite>>											
<<Min: 0 - 239.7 0.1% chalcopyrite>>											
<<Vein: 0 - 9.8 Quartz 50 deg. >> Regular veins, predominantly discordant, 0.5-2 cm wide, dominantly quartz carbonate with epidote and chlorite selvages, spaced several meters apart. Sulphides PO and CP are locally concentrated in veins.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41

1.50 31.96 MVOL Mafic Metavolcanic green FG

1.5 - 31.96: Light green, massive mafic volcanic. Pyrite, pyrrhotite approximately 0.5 % each and trace cpy (0.1%),

<<Min: 30 - 150 0.25% pyrrhotite>>

<<Alt: 1.5 - 58 Weak Epidote>> Epidote, pistachio green concentrated in veins and vein selvages

<<Alt: 1.5 - 257 Weak Chlorite >> Pervasive metamorphic mineral. Concentrated in fractures and vein selvages.

<<Vein: 9.8 - 9.86 Quartz 40 deg. >>

<<Vein: 9.86 - 60.5 Quartz 50 deg. >> Regular veins, predominantly discordant, 0.5-2 cm wide, dominantly quartz carbonate with epidote and chlorite selvages, spaced several meters apart. Sulphides PO and CP are locally concentrated in veins.

<<Struc: 11.1 - 11.1 Weak Foliated>>

<<Struc: 29.8 - 29.8 Weak to moderate Foliated>>

31.96 57.50 MVOL Mafic Metavolcanic green VFG

31.96 - 57.5: Green, fine-grained chloritic pillowed mafic volcanic. Locally weakly foliated. Pillows have cuspate chilled margins. Finely disseminated sulphides (PO, CP, PY) are present in trace amounts of 0.1-0.25 %, and concentrated in few quartz, carbonate, epidote veins.

57.50 58.01 ULMF Ultramafic leucocratic VFG

57.5 - 58.01: Dark green-black, talcose, carbonate banded ultramafic.

<<Alt: 58 - 150 Weak to moderate Epidote>> Local pervasive interstitial occurances and halos around fractures/veins. Weakly disseminated in fine-medium grained massive MVOL units.

<<Struc: 57.5 - 57.5 Moderate contact>>

58.01 94.13 MVOL Mafic Metavolcanic green FMG

58.01 - 94.13: Dark green, fine-medium grained, mafic metavolcanic. Local high concentrations of leucoxene and epidote. Grain size fluctuates from fine to medium (0.25-1 mm).

<<Alt: 89 - 90 Weak to moderate Calcite>>

<<Alt: 94.1 - 95 Moderate Calcite>>

<<Vein: 60.5 - 60.67 Quartz 25 deg. >>

<<Vein: 60.67 - 132.52 Quartz 50 deg. >> Regular veins, predominantly discordant, 0.5-2 cm wide, dominantly quartz carbonate with epidote and chlorite selvages, spaced several meters apart. Sulphides PO and CP are locally concentrated in veins.

<<Struc: 58.01 - 58.01 Moderate contact>>

<<Struc: 63.75 - 63.75 Weak to moderate Foliated>>

<<Struc: 66.15 - 66.15 Moderate Foliated>>

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
94.13	**94.85**	**MVOL Mafic Metavolcanic green FG** 94.13 - 94.85: Green, well foliated, mafic unit. Chilled margins (?) and relatively high carbonate content compared to surrounding rock.									
94.85	**110.03**	**MVOL Mafic Metavolcanic green FMG** 94.85 - 110.03: Dark green, fine-medium grained, mafic metavolcanic. Local high concentrations of leucoxene and epidote. Grain size fluctuates from fine to medium (0.25-1 mm).									
110.03	**112.54**	**MVOL Mafic Metavolcanic green FG** 110.03 - 112.54: Green, well foliated, mafic unit. Possible chilled margins and relatively high carbonate content compared to surrounding rock. Possible dike. <<Alt: 110.03 - 112.54 Moderate Calcite>> <<Struc: 111.05 - 111.05 Moderate Foliated>>									
112.54	**176.88**	**MVOL Mafic Metavolcanic green FMG** 112.54 - 176.88: Dark green, fine-medium grained, mafic metavolcanic. Local high concentrations of leucoxene and epidote. Grain size fluctuates from fine to medium (0.25-1 mm).	132.25	133.75	1.50	Q930341	-0.005	4	133	44	-2
		<<Min: 150 - 239.7 0.1% pyrrhotite>>	147.50	148.50	1.00	Q930344	-0.005	-2	131	42	-2
		<<Vein: 132.52 - 133.18 4% Quartz 40 deg. >> Three veins 1-70 mm wide, spaced 30 - 40 cm apart, discordant almost perpendicular to foliation. Carries blebs of PO and CP.	158.95	159.95	1.00	Q930342	0.005	6	123	43	-2
		<<Vein: 133.18 - 138 Quartz 45 deg. >> Regular veins, predominantly discordant, 0.5-2 cm wide, dominantly quartz carbonate with epidote and chlorite selvages, spaced several meters apart. Sulphides PO and CP are locally concentrated in veins.	166.29	167.79	1.50	Q930343	-0.005	11	59	48	-2
		<<Vein: 147.1 - 148 95% Quartz 20 deg. >> massive discordant vein, dominantly quartz, with blebs of CP and PO.									
		<<Vein: 154.59 - 154.6 99% Quartz 15 deg. >>									
		<<Vein: 159.31 - 159.63 99% Quartz 40 deg. >> Massive vein with CP and PO blebs									
		<<Vein: 166.29 - 167.5 40% Quartz>> Massive quartz-carbonate veins, 2-25 cm wide, spaced <10 cm apart, CP/PO blebs.									
		<<Struc: 133.63 - 133.63 Weak to moderate Foliated>>									
		<<Struc: 146.7 - 146.7 Weak to moderate Foliated>>									
		<<Struc: 165.1 - 165.1 Weak to moderate Foliated>>									
176.88	**180.45**	**MVOL Mafic Metavolcanic grey-green FG** 176.88 - 180.45: Grey-green, carbonate banded, well foliated mafic volcanic. Possible dike or perhaps weak point in flow allowing localized alteration. No sharp contacts and no significant mineralogical change. Most noticible difference is the well developed foliation and increase in carbonate content as bands and disseminated in groundmass. <<Alt: 176.88 - 180.45 moderate to strong Calcite>> Banded white carbonate bands parallel with foliation and pervasive finely disseminated carbonate									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
180.45	**199.98**	**MVOL Mafic Metavolcanic green FG** 180.45 - 199.98: Green, fine grained, massive mafic metavolcanic. Patchy weak to moderate epidote and chlorite alteration. <<Alt: 199.02 - 207 moderate to strong Calcite>> Banded white carbonate bands parallel with foliation and pervasive finely disseminated carbonate <<Vein: 196.8 - 197.01 98% Quartz 50 deg. >> Massive vein <<Vein: 198.87 - 199.02 99% Quartz 40 deg. >> Massive vein. Alteration mineral dominant <<Struc: 180.45 - 180.45 moderate to strong Foliated>> <<Struc: 199.35 - 199.35 moderate to strong Foliated>>									
199.98	**200.47**	**MVOL Mafic Metavolcanic dark grey FMG** 199.98 - 200.47: fine to medium grained, dark grey, massive, dike. Sharp contacts with host basalt. <<Vein: 199.98 - 207 5% Calcium carbonate/Carbonate 45 deg. >> Narrow 1-2 mm carbonate veins subparallel to foliation spaced 2-10 cm apart through interval. <<Struc: 199.98 - 199.98 moderate to strong contact>>									
200.47	**207.00**	**MVOL Mafic Metavolcanic grey-green FG** 200.47 - 207: Dark grey-green, foliated, fine grained, intermediate-mafic tuff with biotite/chlorite elongated foliation parallel domains. Phyllitic sheen on foliatoin surfaces.From 204.8-207 m rock has pervasive carbonate, is hard, aphanitic and melanocratic. <<Struc: 200.47 - 200.47 moderate to strong contact>>									
207.00	**225.18**	**MVOL Mafic Metavolcanic grey-green FMG** 207 - 225.18: Fairly massive, grey-green, weakly foliated, intermediate to mafic metavolcanic. Weak chlorite and epidote. Where foliated it is often defined by black chlorite. <<Min: 207 - 239.7 0.1% pyrite>> <<Vein: 214.34 - 214.63 20% Quartz 10 deg. >> qz carbonate vein, discordant, carrying PO, PY, CP. <<Struc: 212.25 - 212.25 Moderate Foliated>>	214.00	215.00	1.00	Q930345	0.005	3	139	45	-2
225.18	**232.08**	**MVOL Mafic Metavolcanic grey-green MCG** 225.18 - 232.08: green-grey, weakly foliated, coarse grained, (intrusive?) Mafic metavolanic. Epidote and chlorite present interstitially between dark melanocratic minerals. <<Struc: 225.8 - 225.8 Moderate Foliated>>									
232.08	**239.70**	**MVOL Mafic Metavolcanic grey-green VFG** 232.08 - 239.7: green-grey, fine grained, massive intermediate to mafic metavolcanic. Possibly tuffaceous. Weakly foliated by chlorite.	238.70	239.70	1.00	Q930346	-0.005	-2	7	41	-2

From (m)	To (m)	Rocktype & Description			
239.70	**241.87**	**FEFM**	**Iron Formation**	**black**	**VFG**

239.7 - 241.87: Green-black, intercalated magnetite-rich ferrugenous sediment and intermediate-mafic tuffaceous sediment. Moderate chlorite alteration. Well foliated and fractures filled by carbonate. Po and Py suphides present.

<<Min: 239.7 - 241.87 3% pyrite>>

<<Min: 239.7 - 241.87 2% pyrrhotite>>

<<Min: 239.7 - 241.87 0.5% chalcopyrite>>

From (m)	To (m)	Rocktype & Description			
241.87	**248.26**	**MVOL**	**Mafic Metavolcanic**	**grey-green**	**VFG**

241.87 - 248.26: grey-green, foliated, very fine grained intermediate-mafic metavolcanic. Possible tuffaceous sediment.

<<Min: 241.87 - 251.48 0.25% pyrite>>

<<Min: 241.87 - 251.48 0.5% pyrrhotite>>

From (m)	To (m)	Rocktype & Description			
248.26	**257.15**	**FEFM**	**Iron Formation**	**black**	**VFG**

248.26 - 257.15: Black-green, finely bedded/laminated, silicified, intercalated magnetite-rich ferrugenous sediment and mafic tuffaceous sediment. Disseminated PY, PO and CP.

<<Min: 251.48 - 257.15 1% pyrite>>

<<Min: 251.48 - 257.15 3% pyrrhotite>>

<<Min: 251.48 - 257.15 1% chalcopyrite>>

<<Alt: 250.6 - 251.3 moderate to strong Chlorite >>

<<Struc: 252.8 - 252.8 Strong Foliated>>

<<Struc: 254.6 - 254.6 moderate to strong Bedded>>

<<Struc: 254.8 - 254.8 moderate to strong Bedded>>

From (m)	To (m)	Rocktype & Description			
257.15	**292.09**	**MVOL**	**Mafic Metavolcanic**	**grey-green**	**FMG**

257.15 - 292.09: Green-grey, fine-medium grained, dominantly massive Mafic volcanic.. Elongated tabular shaped dark mineral sillhouettes, possible amphiboles. Epidote alteration in veins and host rock proximal to cross cutting veins. Possible weak serpentinization.

<<Min: 257.15 - 292.79 0.25% pyrite>>

<<Min: 257.15 - 292.79 0.5% pyrrhotite>>

<<Min: 257.15 - 292.79 0.1% chalcopyrite>>

<<Alt: 275 - 288 Weak to moderate Epidote>> weakly pervasive. Intensity increases proximal to cross cutting veins.

<<Alt: 292 - 293 Moderate Chlorite >>

<<Vein: 261.89 - 261.95 95% Quartz 55 deg. >>

<<Vein: 275 - 288 3% Quartz 40 deg. >>

<<Struc: 280.4 - 280.4 Weak to moderate Foliated>>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
239.70	240.80	1.10	Q930347	-0.005	3	48	7	-2
240.80	241.87	1.07	Q930348	0.009	13	260	165	2
241.87	242.87	1.00	Q930349	-0.005	-2	91	92	-2
247.40	248.90	1.50	Q930351	-0.005	-2	174	52	-2
250.48	251.48	1.00	Q930352	-0.005	-2	108	68	-2
251.48	252.98	1.50	Q930353	-0.005	-2	119	67	-2
252.98	254.48	1.50	Q930354	0.007	-2	100	93	-2
254.48	255.98	1.50	Q930355	0.016	-2	167	89	-2
255.98	257.15	1.17	Q930356	0.011	2	588	95	-2
257.15	258.15	1.00	Q930357	-0.005	-2	115	82	-2
291.11	292.09	0.98	Q930358	-0.005	-2	93	89	-2

From (m)	To (m)	Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
292.09	**293.54**	**FEFM** **Iron Formation**	**black**	**VFG**	292.09	292.79	0.70	Q930359	0.005	2	74	157	-2
292.09 - 293.54: Finely laminated, chert-magnetite iron formaiton. Strong chlorite mineralization and wispy disseminated sulphides (PO, CP and PY) ~5-7%													
<<Min: 292.79 - 293.1 5% pyrrhotite>>					292.79	293.54	0.75	Q930361	0.051	-2	214	92	-2
<<Min: 292.97 - 293.1 1% pyrite>>													
<<Min: 292.97 - 293.1 1% chalcopyrite>>													
<<Min: 293.1 - 303.44 0.25% pyrite>>													
<<Min: 293.1 - 303.44 0.1% chalcopyrite>>													
<<Vein: 293.35 - 293.54 99% Quartz 35 deg. >>													
293.54	**299.35**	**MVOL** **Mafic Metavolcanic**	**grey-green**	**FCG**	293.54	294.54	1.00	Q930362	-0.005	-2	68	65	-2
293.54 - 299.35: green grey, massive, weakly foliated, fine-coarse grained mafic metavolcanic. Top of interval is moderately chlorite altered.													
<<Vein: 295.44 - 295.76 80% Quartz 40 deg. >> Black mineral along host rock contact, suspected tourmaline (very fine grained and very hard)													
<<Struc: 295.5 - 295.5 Moderate Foliated>>													
299.35	**303.44**	**MVOL** **Mafic Metavolcanic**	**green**	**FG**	302.44	303.44	1.00	Q930363	-0.005	3	10	68	2
299.35 - 303.44: Green foliated, chloritic mafic volcanic (sediment?) with banded and disseminated carbonate. Possible altered volcaniclastic sediment?													
<<Alt: 303 - 305 Moderate Chlorite >>													
<<Vein: 299.36 - 299.43 100% Quartz>>													
<<Vein: 299.43 - 303.44 5% Calcium carbonate/Carbonate 80 deg. >> Carbonate banding in Mafic volcanic													
303.44	**304.09**	**FEFM** **Iron Formation**	**grey-green**	**VFG**	303.44	304.09	0.65	Q930364	0.005	3	317	44	-2
303.44 - 304.09: Deformed, magnetite bearing iron formation laminae with mafic tuffaceous - pelitic sediments. Disseminated sulphides PO 5%, CP 1% and PY 1%													
<<Min: 303.44 - 304.9 0.5% pyrite>>													
<<Min: 303.44 - 304.9 5% pyrrhotite>>													
<<Min: 303.44 - 304.9 1% chalcopyrite>>													
304.09	**318.40**	**MVOL** **Mafic Metavolcanic**	**grey-green**	**FMG**	304.09	305.09	1.00	Q930365	-0.005	-2	19	63	-2
304.09 - 318.4: Grey-green, lithified breccia(0.5-3 cm clasts) mafic metavolcanic. Predominantly monomictic. Bottom of intereval is partially tuffaceous-argillaceous sediment with disseminated carbonate and sulphide (PO 3-5%, CP 1%, PY 1%).													
<<Min: 304.9 - 317.15 0.25% pyrrhotite>>					315.67	316.67	1.00	Q930366	-0.005	-2	143	54	-2
<<Min: 304.9 - 348 0.1% pyrite>>					316.67	317.67	1.00	Q930367	-0.005	-2	54	59	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-02**

From (m)	To (m)	Rocktype & Description		
		<<Min: 304.9 - 348 0.25% chalcopyrite>>		
		<<Min: 317.5 - 318.4 5% pyrrhotite>>		
		<<Alt: 317 - 318.5 Moderate Chlorite >>		
		<<Vein: 318.05 - 318.4 80% Quartz 45 deg. >>		
318.40	**348.00**	**MVOL**	**Mafic Metavolcanic**	**grey-green** **FMG**
318.4 - 348: Grey-green, weakly foliated mafic metavolcanic. Quartz vein zone with possible argillaceous component between 340 and 343 m				
		<<Alt: 339 - 343 Weak to moderate Chlorite >> Proximal to quartz veining		
		<<Vein: 323.8 - 330 5% Calcium carbonate/Carbonate>> Deformed carbonate veining and carbonate fracture filling pervasive through interval		
		<<Vein: 340.38 - 342.1 75% Quartz 40 deg. >> Massive veins >10 cm wide, spaced <30 cm apart		
		<<Struc: 319.45 - 319.45 Moderate Foliated>>		

End of Hole @ 348

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
317.67	318.40	0.73	Q930368	-0.005	-2	165	58	-2
318.40	319.39	0.99	Q930369	-0.005	2	45	51	-2
339.70	341.00	1.30	Q930371	0.006	-2	421	77	-2
341.00	342.40	1.40	Q930372	0.005	3	212	103	-2

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GeoSpark Logger ~ Strip Log

Project: **Savant Lake** **Hole Number:** **NDR17-02**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	3/12/2017
UTM Easting:	679743	Core Size:	NQ	Azimuth:	283	Date Logging Complete:	3/16/2017
UTM Northing:	5587934	Casing Pulled?:	Yes	Dip:	-74	Drill Company:	Dorado
UTM Elev. (m):	402	Casing Depth (m):	1.5	Length (m):	348	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270652	Drill Started:	3/11/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/16/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-02 is an exploration hole, designed to test steeply dipping airborne cinductor, target 11a. No significant alteration or mineralization was encountered. The drill core displays a thick package of mafic metavolcanic flows and tuffs, (locally) weakly altered by with chlorite, epidote and carbonate minerals. Within the volcanic pile, the following intervals 240-242 m, 252-257 m, 292-293 m, 303.5-304 m, and 317.5-318 m comprise narrow (0.5-5 m wide (not true thickness)) laminated tuff - iron formation intervals that host disseminated sulphides (pyrite, pyrrhotite and chalcopyrite) from 5-10% with pyrrhotite as the dominant phase.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-74	283			GPS	Murray Jones	3/12/2017		☑	Bearing from projection using GPS and wooden pickets over 340 m distance.
50	-73	308.2	4	312.2	EZShot	Dorado	3/12/2017	59943	☐	Large azimuth deviation. Likely magnetic influence from host rock.
100	-71.5	308.6	4	312.6	EZShot	Dorado	3/12/2017	60704	☐	Large azimuth deviation. Likely magnetic influence from host rock.
150	-71.2	311.6	4	315.6	EZShot	Dorado	3/13/2017	60070	☐	Large azimuth deviation. Likely magnetic influence from host rock.
201	-70.5	313.7	4	317.7	EZShot	Dorado	3/14/2017		☐	
252	-67.3	332.1	4	336.1	EZShot	Dorado	3/14/2017	59382	☐	Large azimuth deviation. Likely magnetic influence from host rock.
300	-65.1	314.6	4	318.6	EZShot	Dorado	3/15/2017	59844	☐	Large azimuth deviation. Likely magnetic influence from host rock.

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0–20)	AS Min (0–5)	PO Min (0–20)	WM Alt (0–7)	SI Alt (0–7)	CL Alt (0–7)	CA Alt (0–7)	CB Alt (0–7)	Mag Sus (0–100)
0.00	**OVBN**									
	0-1.5:OVBN									
2.00	**MVOL**									
	1.5 - 31.96: Light green, massive mafic volcanic. Pyrite, pyrrhotite approximately 0.5 % each and trace cpy (0.1%),									
4.00										
6.00										
8.00										
10.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41

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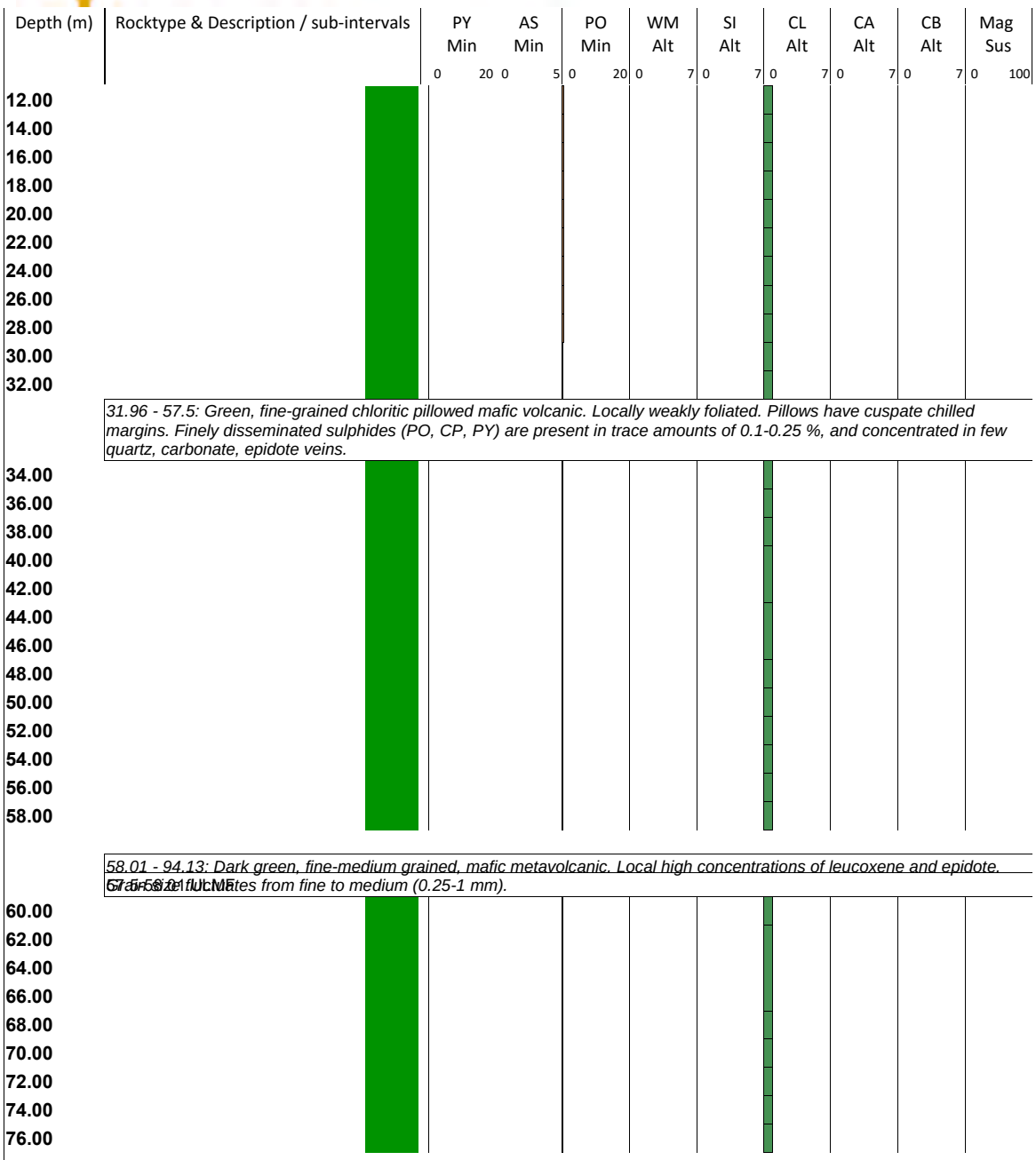
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02

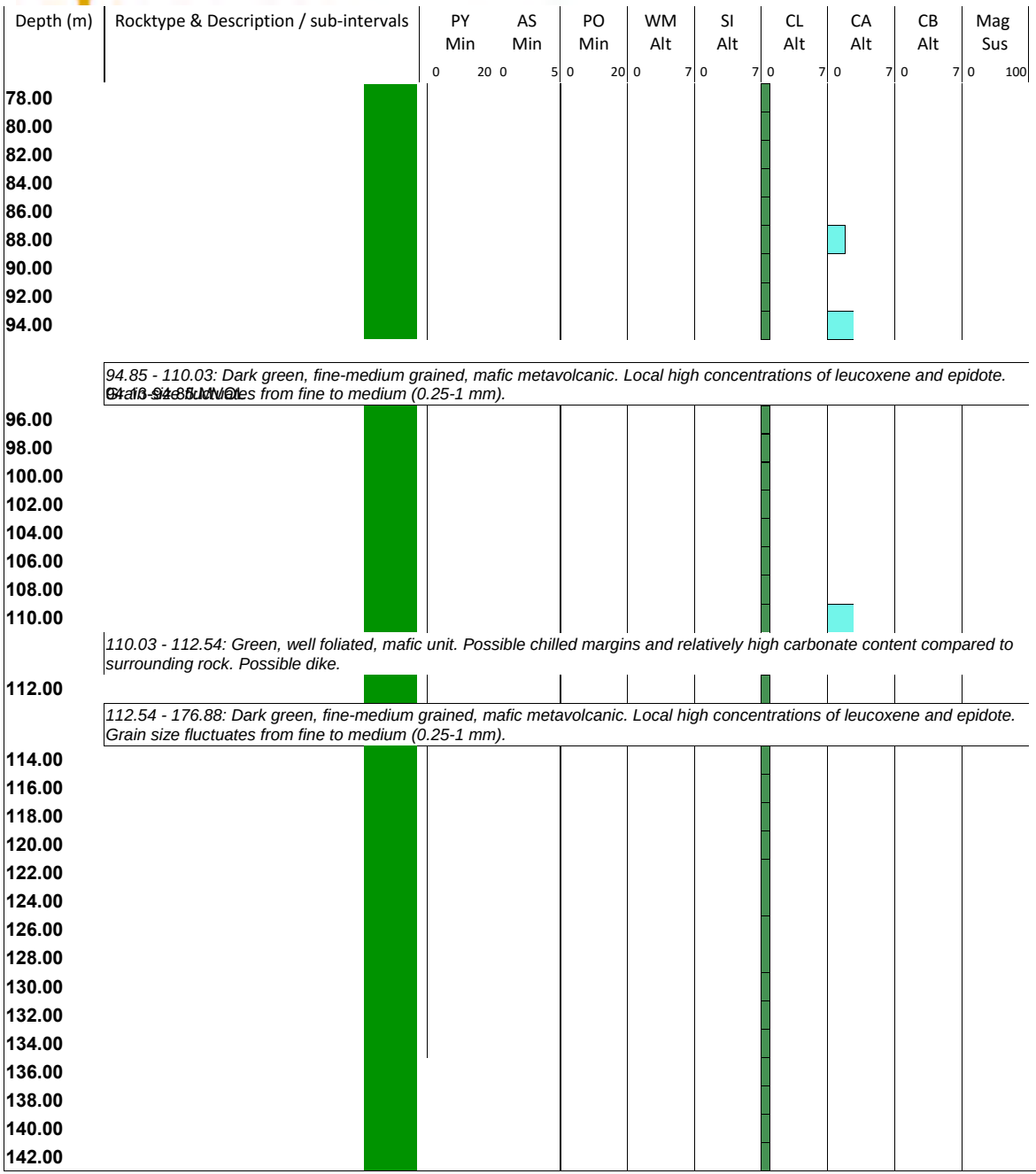


From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
132.25	133.75	1.50	Q930341	-0.005	4	133	44	-2

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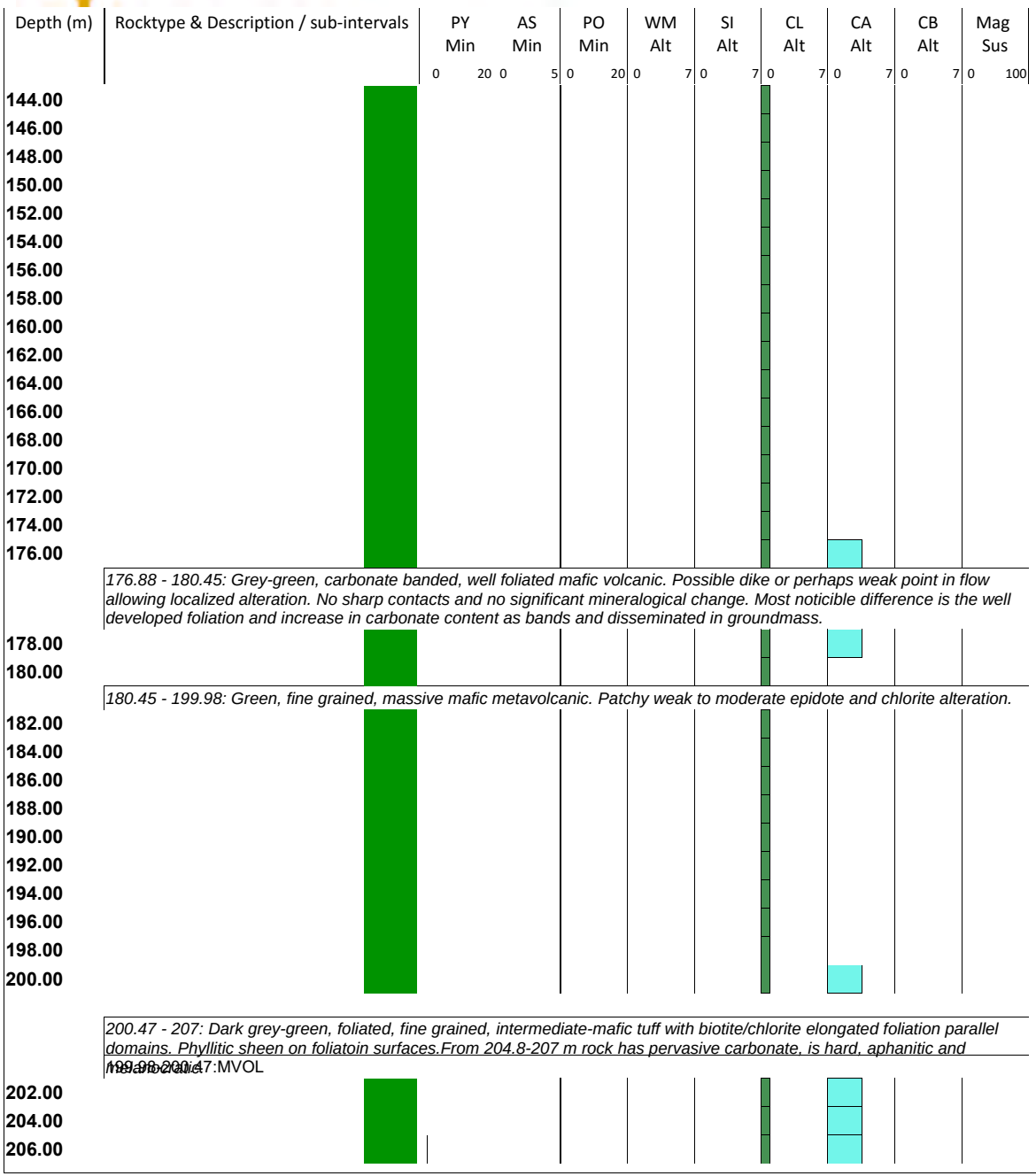
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
147.50	148.50	1.00	Q930344	-0.005	-2	131	42	-2
158.95	159.95	1.00	Q930342	0.005	6	123	43	-2
166.29	167.79	1.50	Q930343	-0.005	11	59	48	-2

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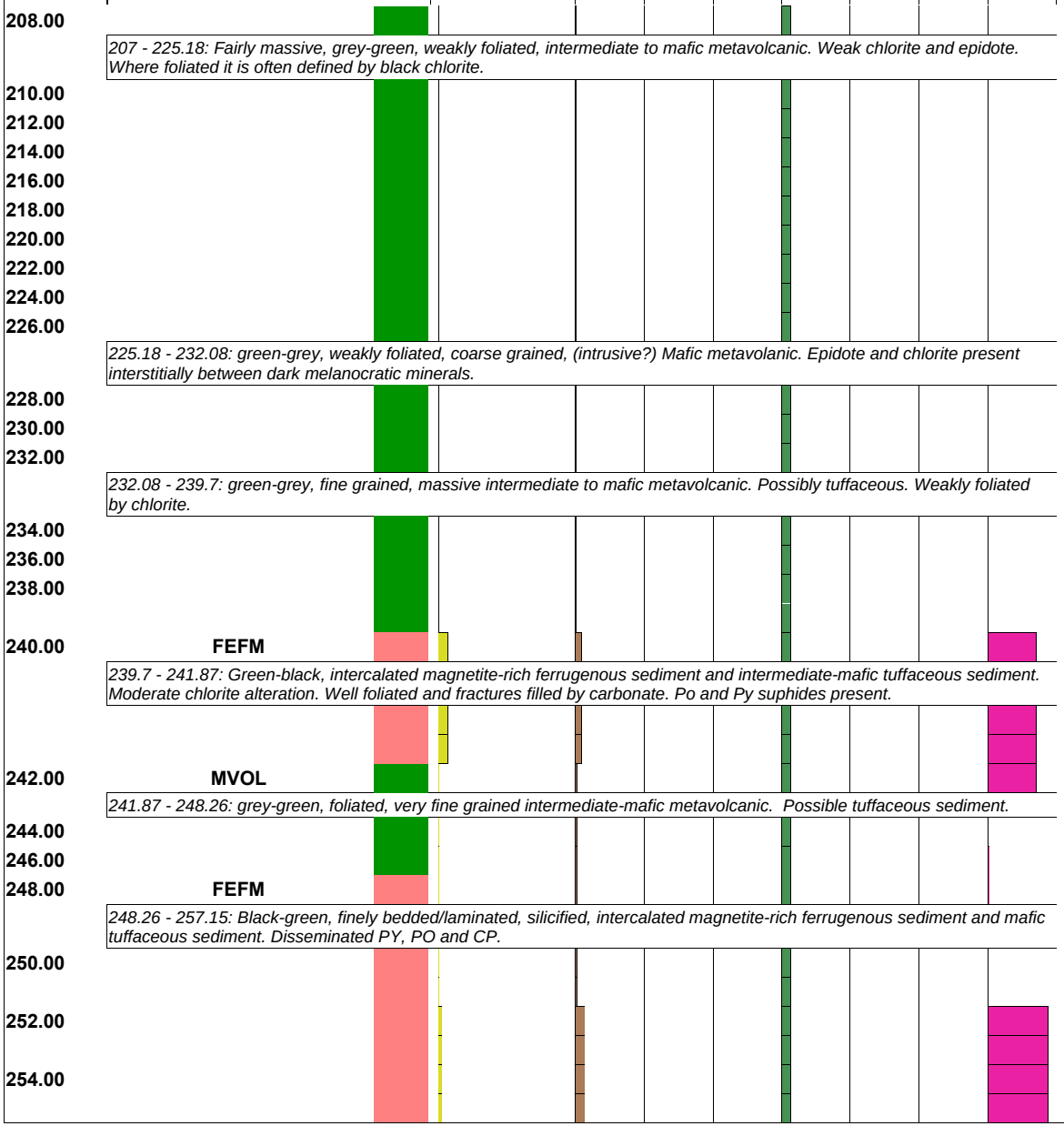
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02

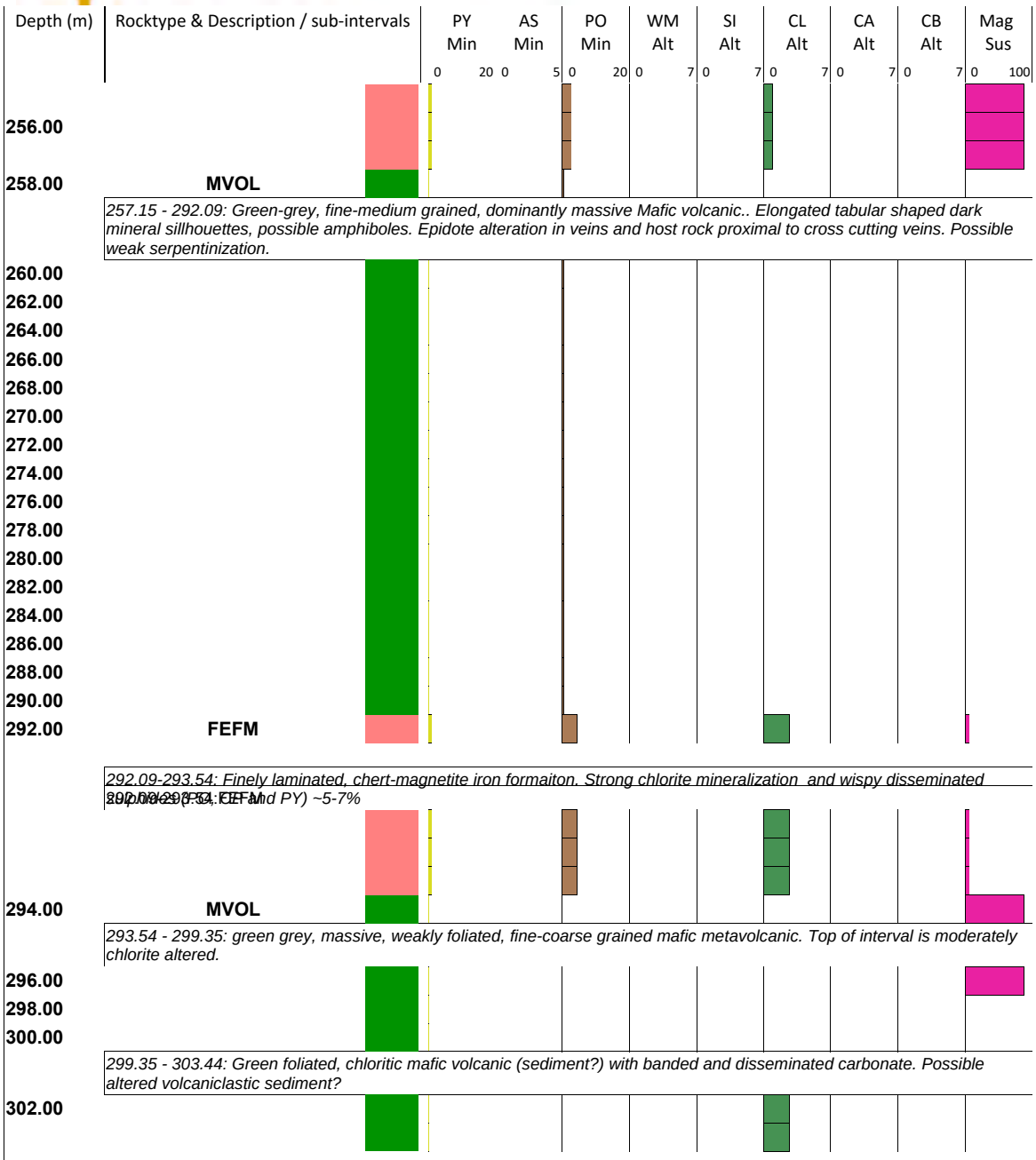


From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
214.00	215.00	1.00	Q930345	0.005	3	139	45	-2
238.70	239.70	1.00	Q930346	-0.005	-2	7	41	-2
239.70	240.80	1.10	Q930347	-0.005	3	48	7	-2
240.80	241.87	1.07	Q930348	0.009	13	260	165	2
241.87	242.87	1.00	Q930349	-0.005	-2	91	92	-2
247.40	248.90	1.50	Q930351	-0.005	-2	174	52	-2
250.48	251.48	1.00	Q930352	-0.005	-2	108	68	-2
251.48	252.98	1.50	Q930353	-0.005	-2	119	67	-2
252.98	254.48	1.50	Q930354	0.007	-2	100	93	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02

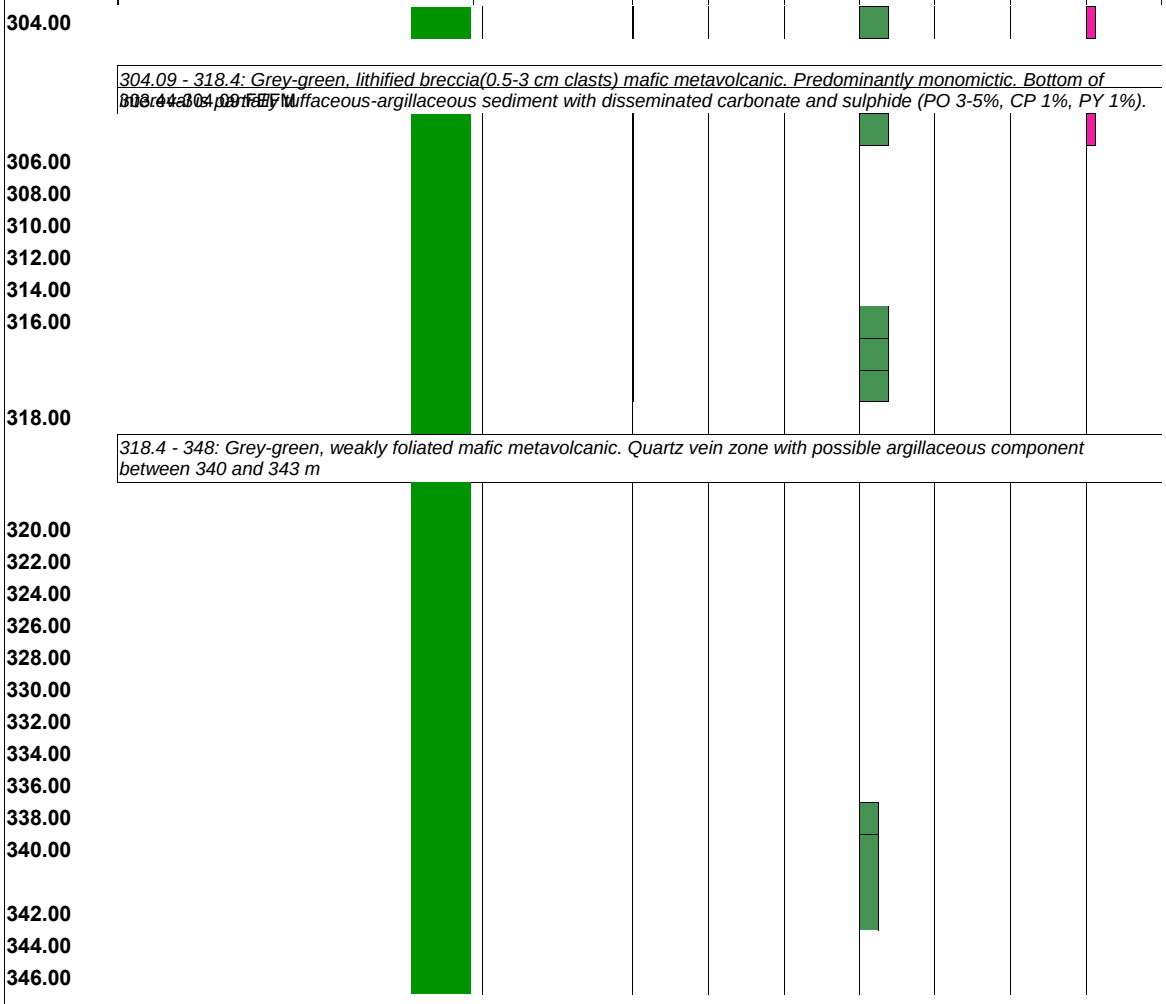


From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
254.48	255.98	1.50	Q930355	0.016	-2	167	89	-2
255.98	257.15	1.17	Q930356	0.011	2	588	95	-2
257.15	258.15	1.00	Q930357	-0.005	-2	115	82	-2
291.11	292.09	0.98	Q930358	-0.005	-2	93	89	-2
292.09	292.79	0.70	Q930359	0.005	2	74	157	-2
292.79	293.54	0.75	Q930361	0.051	-2	214	92	-2
293.54	294.54	1.00	Q930362	-0.005	-2	68	65	-2
302.44	303.44	1.00	Q930363	-0.005	3	10	68	2
303.44	304.09	0.65	Q930364	0.005	3	317	44	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-02



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
304.09	305.09	1.00	Q930365	-0.005	-2	19	63	-2
315.67	316.67	1.00	Q930366	-0.005	-2	143	54	-2
316.67	317.67	1.00	Q930367	-0.005	-2	54	59	-2
317.67	318.40	0.73	Q930368	-0.005	-2	165	58	-2
318.40	319.39	0.99	Q930369	-0.005	2	45	51	-2
339.70	341.00	1.30	Q930371	0.006	-2	421	77	-2
341.00	342.40	1.40	Q930372	0.005	3	212	103	-2

End of Hole @ 348

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-03**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	3/18/2017
UTM Easting:	680675	Core Size:	NQ	Azimuth:	319	Date Logging Complete:	3/22/2017
UTM Northing:	5591249	Casing Pulled?:	Yes	Dip:	-70	Drill Company:	Dorado
UTM Elev. (m):	397	Casing Depth (m):	16.55	Length (m):	225	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279395	Drill Started:	3/17/2017
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/21/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-03 is an exploration hole, designed to test steeply dipping airborne conductor, target 15, west of Big Sandy Island. The hole transects a volcanic package of felsic-intermediate pyroclastics, into a basinal sediment package of poorly sorted conglomerates and fine grained mudstones, which hosts massive sulphide lenses. Massive sulphide was intercepted between 111-116.95 m, 118.5-119.75 m and 142.8-143 m. Heavily disseminated or laminated sulphides in black argillite was intercepted between 84-104.9 m, 116.95-118.5 m, 119.75-121.5 m and 132.3-142.8 m. Sericite and silica alteration are present proximal to massive sulphide lenses and pervasive near a rhyolite intrusion at the base of the hole. The hole intersected the geophysical conductor anomaly.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
60	-64.2	338.1	0	338.1	EZShot	Dorado	3/18/2017	59631	☐	
102	-63.4	2.6	0	2.6	EZShot	Dorado	3/19/2017	54821	☐	
162	-61.3	338.1	0	338.1	EZShot	Dorado	3/20/2017	59028	☐	
201	-58.7	337	0	337	EZShot	Dorado	3/20/2017	59162	☐	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**16.40**	**LAKE Lake water**									
16.40	**16.55**	**OVBN Overburden**									
<<Alt: 16.5 - 42.85 Weak Chlorite >> Predominant in more argillaceous sediment components											
<<Alt: 16.5 - 42.85 Weak Calcite>> local concentrations in tuffaceous rocks. Pervasively disseminated and fracture filled.											
16.55	**24.74**	**IVOL Intermediate Metavolcanic dark grey VFG**	21.50	23.00	1.50	Q930373	-0.005	4	152	74	-2
16.55 - 24.74: Light-dark grey, very fine grained, felsic to intermediate tuffaceous sediment. Locally pervasively carbonate altered. Locally chlorite altered. Foliation is very weakly defined if present at all (noticable lack of micaceous minerals). Finely disseminated pyrite 0.5-1%.											
<<Min: 16.55 - 44.85 0.5% pyrite>>											
<<Vein: 16.55 - 24.74 5% Quartz>> narrow quartz/carbonate veins cross cutting host tuffs, pervasive through the unit											

From (m)	To (m)	Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
24.74	**42.85**	**IVOL** **Intermediate Metavolcanic**	**dark grey**	**VFG**	36.00	37.50	1.50	Q930374	-0.005	29	116	86	-2

24.74 - 42.85: Light to dark grey, polymictic (reworked) tuffaceous breccia. Clasts range in size from 0.25-5 cm. Locally matrix supported. Locally carbonate altered. Clasts of felsic to intermediate tuffs, mafics, arenaceous sediments and (sparsely) chert. Finely disseminated pyrite 0.5-1%

<<Struc: 25.1 - 25.1 Moderate Foliated>>

<<Struc: 41.1 - 41.2 Moderate fault>> fault filled by clay-sand-gravel.

<<Struc: 41.1 - 78 Moderate Fault zone>> Large zone of small (5-40 cm wide) faults, spaced 5-50 cm apart. Intervals of clay-sand gouge are flanked above and below by large intervals of broken, crumbly rock.

<<Struc: 42 - 42 Weak to moderate Foliated>>

42.85	**47.90**	**FVOL** **Felsic Metavolcanic**	**cream**	**FMG**									

42.85 - 47.9: Light grey, fine grained, massive, felsic (ash) tuff. Finely disseminated pyrite 1%. Quartz crystal lithics sparsely.

<<Min: 44.85 - 84 1% pyrite>>

47.90	**65.90**	**FVOL** **Felsic Metavolcanic**	**medium grey**	**FG**	49.50	51.00	1.50	Q930375	0.005	19	559	124	2

47.9 - 65.9: Light-dark grey felsic tuff and argillaceous-cherty metasediment. Very fine grained. Faulted interval. Iron-oxide staining is pervasive, proximal to the fault between 54-55 m depth. Interval has small chert domains with iron-oxide staining (jasper). Finely disseminated pyrite 1%.

<<Struc: 51.55 - 52 moderate to strong fault>> Fault filled by clay-sand-gravel

<<Struc: 54.45 - 54.85 moderate to strong fault>> Fault filled by clay-sand-gravel

<<Struc: 63 - 63.4 moderate to strong fault>>

<<Struc: 65.6 - 65.8 moderate to strong fault>>

65.90	**84.00**	**FVOL** **Felsic Metavolcanic**	**cream**	**FMG**	73.50	75.00	1.50	Q930376	-0.005	2	177	80	-2

65.9 - 84: Light tan-cream colored, fine-medium grained, gritty, felsic (ash) tuff. Finely disseminated pyrite. Localized hemititic staining. Quartz crystal lithics present sparsely. Dominantly homogeneous or massive. Iron oxide staining pervasive and strong from 77-79 m. Very porous.

84.00	**104.80**	**ARGL** **Argillite**	**black**	**FCG**	84.00	87.00	3.00	Q930377	-0.005	28	46	154	2

84 - 104.8: Black, graphitic bedded/banded (carbonaceous?) argillite. Ductile deformation exhibited in convoluted beds and sulphide band textures. Narrow intervals of matrix supported breccias containing angular clasts of chert, argillite, and mud. Sulphides are heavily disseminated and or concentrated in bands/beds that are intercalated with black argillaceous host. Pyrite ~10%, pyrrhotite 1-2% and traces of hematite staining. Conherent chert beds are sparse and range in thickness 0.5-5 cm wide. Foliation/bedding 70-80 degrees to core axis with cleavage face striations 80 degrees subparallel to foliation dip direction (SE possibly?)

<<Min: 84 - 104.87 10% pyrite>>					87.00	88.50	1.50	Q930378	0.018	90	308	724	11
<<Min: 84 - 104.87 1% pyrrhotite>>					88.50	90.00	1.50	Q930379	0.011	99	361	692	14

From (m)	To (m)	Rocktype & Description
		<<Vein: 104.72 - 104.77 95% Quartz 40 deg. >> Pyrite and trace pyrrhotite.
		<<Struc: 92 - 92 moderate to strong Foliated>>
		<<Struc: 99.5 - 99.5 Moderate Foliated>>
		<<Struc: 102.37 - 102.37 moderate to strong contact>>
		<<Struc: 102.68 - 102.68 moderate to strong contact>>
104.80	**108.95**	**CNGL Conglomerate medium grey MCG**
		104.8 - 108.95: Light to medium grey, polymictic, poorly sorted, clast supported conglomerate. Graded coarse to fine-medium down interval. Clasts range from 0.1-3 cm. Clasts are flattened and elongated slightly in direction parallel to foliation. Clast types are suspected to be chert, jasper, tuff and argillaceous sediment. Sulphides pyrite, pyrrhotite and chalcopyrite are observed within select clasts but rarely in matrix.
		<<Min: 104.87 - 109.95 1% pyrite>>
		<<Min: 104.87 - 109.95 1% pyrrhotite>>
		<<Min: 104.87 - 109.95 0.25% chalcopyrite>>
		<<Struc: 104.8 - 104.8 Moderate Foliated>>
108.95	**109.95**	**CNGL Conglomerate dark grey FMG**
		108.95 - 109.95: Dark grey to black, weak-moderately foliated, fine grained, sediment. Angular clasts occur sparsely, matrix supported.
109.95	**111.00**	**SXMX Semi-massive sulphide grey-brown FG**
		109.95 - 111: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure.
		<<Min: 109.95 - 111 10% pyrite>>
		<<Min: 109.95 - 111 1% pyrrhotite>>
		<<Alt: 109.95 - 111 Moderate White mica (Sericite)>> Selective alteration of bedded sediment or tuff units. Overprinted and hardened by silica.
		<<Alt: 109.95 - 111 Strong Silicification >> Pervasively hardened and glossy. Silica flooding alteration.
111.00	**116.90**	**MXSX Massive Sulphide FCG**
		111 - 116.9: Massive sulphide. Near homogeneous massive fine-coarse grained pyrite.
		<<Min: 111 - 116.9 70% pyrite>>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
90.00	91.50	1.50	Q930381	0.02	127	551	1145	13
91.50	93.00	1.50	Q930382	0.033	89	716	1995	14
93.00	94.50	1.50	Q930383	0.048	274	1055	2970	36
94.50	96.00	1.50	Q930384	0.036	44	734	2430	29
96.00	97.50	1.50	Q930385	0.011	79	385	1015	14
97.50	99.00	1.50	Q930386	0.043	135	590	1840	16
99.00	100.50	1.50	Q930387	0.052	21	579	1670	15
100.50	102.00	1.50	Q930388	0.048	80	460	1240	19
102.00	103.50	1.50	Q930389	0.031	53	307	1090	15
103.50	104.80	1.30	Q930391	0.016	31	227	504	8
104.80	106.37	1.57	Q930392	-0.005	85	134	89	3
108.95	109.95	1.00	Q930393	-0.005	9	65	58	-2
109.95	111.00	1.05	Q930394	-0.005	2	22	496	-2
111.00	112.00	1.00	Q930395	0.018	314	16	14	48
112.00	113.00	1.00	Q930396	0.072	365	6	77	47

From (m)	To (m)	Rocktype & Description
		<<Min: 111 - 116.9 3% pyrrhotite>>
116.90	**118.44**	**SXMX Semi-massive sulphide grey-brown FMG**
		116.9 - 118.44: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure.
		<<Min: 116.9 - 118.44 15% pyrite>>
		<<Min: 116.9 - 118.44 3% pyrrhotite>>
		<<Alt: 116.9 - 118.44 Moderate White mica (Sericite)>> Selective alteration of bedded sediment or tuff units. Overprinted and hardened by silica.
		<<Alt: 116.9 - 118.44 moderate to strong Silicification >> Pervasively hardened and glossy. Silica flooding alteration.
118.44	**119.50**	**MXSX Massive Sulphide FCG**
		118.44 - 119.5: Massive sulphide. Near homogeneous massive fine-coarse grained pyrite.
		<<Min: 118.44 - 119.5 2% sphalerite>>
		<<Min: 118.44 - 119.5 70% pyrite>>
		<<Min: 118.44 - 119.5 5% pyrrhotite>>
119.50	**121.58**	**SXMX Semi-massive sulphide grey-brown FMG**
		119.5 - 121.58: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure.
		<<Min: 119.5 - 121.58 20% pyrite>>
		<<Min: 119.5 - 121.58 3% pyrrhotite>>
		<<Alt: 119.5 - 121.58 Moderate White mica (Sericite)>> Selective alteration of bedded sediment or tuff units. Overprinted and hardened by silica.
		<<Alt: 119.5 - 121.58 Moderate Silicification >> Pervasively hardened and glossy. Silica flooding alteration.
		<<Struc: 120 - 120 moderate to strong Foliated>>
121.58	**129.19**	**CNGL Conglomerate medium grey FCG**
		121.58 - 129.19: Light to medium grey, polymictic, poorly sorted, clast supported conglomerate. Graded coarse to fine grained down interval. Clasts range from 0.1-4 cm. Clasts are flattened and elongated slightly in direction parallel to foliation. Clast types are suspected to be chert, tuff and argillaceous sediment. Sulphides pyrite and pyrrhotite are observed within select clasts but rarely in matrix.
		<<Min: 121.58 - 132.55 0.25% pyrite>>
		<<Min: 121.58 - 132.55 0.25% pyrrhotite>>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
113.00	114.00	1.00	Q930397	0.035	315	4	46	41
114.00	115.00	1.00	Q930398	0.019	314	4	8	25
115.00	116.00	1.00	Q930399	0.165	353	6	13	55
116.00	116.90	0.90	Q930401	0.066	240	10	126	31
116.90	117.90	1.00	Q930402	-0.005	46	12	184	6
117.90	118.44	0.54	Q930403	-0.005	127	13	316	7
118.44	119.50	1.06	Q930404	-0.005	265	18	285	9
119.50	120.50	1.00	Q930405	-0.005	139	16	100	8
120.50	121.58	1.08	Q930406	-0.005	122	22	176	18
121.58	123.00	1.42	Q930407	-0.005	11	91	68	2

From (m)	To (m)		Rocktype & Description		
129.19	**132.55**	**GRWK**	**Greywacke**	**dark grey**	**FCG**

129.19 - 132.55: Dark grey, poorly sorted, matrix supported, sand-pebble clast wacke. Angular clasts of quartz mudstone lithics that are sand to pebble sized sit in a clay to sand matrix. Finely disseminated trace (0.1-0.25%) PY, PO, CP. Interval sits structurally below conglomerate unit that appears to grade from coarse to fine down hole. (may be similar to unit at 181.76 m). Is possible to consder a lithic ash tuff as well.

<<Struc: 129.19 - 129.19 Moderate contact>> Upper contact for sand-pebble wacke

<<Struc: 129.9 - 129.9 moderate to strong Foliated>>

From (m)	To (m)		Rocktype & Description		
132.55	**139.79**	**ARGL**	**Argillite**	**black**	**VFG**

132.55 - 139.79: black, very fine grained, banded or bedded chert-argillite. High sulphide content PO ~12%, is finely disseminated in light grey cherty sediments and more homogenous black argillite intervals, but concentrated along foliations between laminations and beds of sediments. Nodules of sulphide are common. Pyrrhotite content increases down the interval and turns to semi-massive then massive in adjacent lithology below.

<<Min: 132.55 - 142.2 12% pyrrhotite>>

<<Min: 132.55 - 181.16 0.5% pyrite>>

<<Vein: 137.9 - 137.9 50% Quartz 50 deg. >> undulating or wormy veinlet, discordant to foliation and bedding.

From (m)	To (m)		Rocktype & Description		
139.79	**142.90**	**ARGL**	**Argillite**	**grey-green**	**VFG**

139.79 - 142.9: Glassy, silicified, strongly altered sediment sequence bearing heavily disseminated to semi-massive sulphides. Sediment layers have been pervasively altered to a fine-grained pale yellowish-green mineral and subsequently pervasively hardened by suspected silica alteration. Heavily disseminated pyrrhotite is present throught and is locally semi-massive. PO ~15%

<<Min: 142.2 - 143.28 50% pyrrhotite>>

<<Alt: 139.79 - 143.28 moderate to strong White mica (Sericite)>> Selective alteration of bedded sediment or tuff units. Overprinted and hardened by silica.

<<Alt: 139.79 - 143.28 moderate to strong Silicification >> Pervasively hardened and glossy. Silica flooding alteration.

<<Vein: 141.4 - 141.65 70% Quartz 55 deg. >>

From (m)	To (m)		Rocktype & Description		
142.90	**143.28**	**MXSX**	**Massive Sulphide**	**brown**	**VFG**

142.9 - 143.28: Massive pyrrhotite at base of altered banded chert-argillite unit.

From (m)	To (m)		Rocktype & Description		
143.28	**181.16**	**CNGL**	**Conglomerate**	**beige**	**FCG**

143.28 - 181.16: Polymictic, moderately sorted, dominantly matrix supported, sand-cobble sized conglomerate. Tuff, quartz, mudstone, granitoid clasts. Locally clast supported.

<<Min: 143.28 - 181.16 0.5% pyrrhotite>>

<<Struc: 143.28 - 143.28 moderate to strong contact>> Upper contact of conglomerate

<<Struc: 150.5 - 150.5 Moderate Foliated>>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
131.05	132.55	1.50	Q930408	-0.005	11	31	196	3
132.55	134.05	1.50	Q930409	0.007	88	58	463	9
134.05	135.55	1.50	Q930411	-0.005	236	30	123	5
135.55	137.05	1.50	Q930412	-0.005	163	10	43	4
137.05	138.55	1.50	Q930413	-0.005	124	17	90	3
138.55	139.79	1.24	Q930414	0.009	357	45	186	13
139.79	140.79	1.00	Q930415	-0.005	229	27	297	9
140.79	141.79	1.00	Q930416	-0.005	180	28	296	11
141.79	142.90	1.11	Q930417	0.009	168	42	446	14
142.90	143.28	0.38	Q930418	0.013	133	51	545	21
143.28	144.78	1.50	Q930419	-0.005	33	103	76	3
156.00	157.50	1.50	S194454	-0.005	17	89	86	2
166.00	167.50	1.50	S194455	-0.005	9	131	78	2
176.00	177.50	1.50	S194456	-0.005	24	129	78	3

From (m)	To (m)	Rocktype & Description		
181.16	**217.91**	**FVOL**	**Felsic Metavolcanic**	**medium grey** **FMG**

181.16 - 217.91: medium grey, matrix supported, felsic-intermediate, crystal-lithic tuff. Locally sericite/silica altered. Ubiquitously contains fine-medium grained angular to round quartz +/- feldspar crystals and is matrix supported. Lithic clasts are generally angular and include chert and argillite. Alteration appears to intensify towards bottom of the interval and is suspected to be sericite with a silica overprint. Sulphides are minimal with 0.25% pyrite and pyrrhotite occuring as blebs in clasts and more rarely in matrix.

<<Min: 181.16 - 225 0.1% pyrite>>

<<Min: 181.16 - 225 0.1% pyrrhotite>>

<<Alt: 188.4 - 194.8 Weak to moderate White mica (Sericite)>>

<<Alt: 194.8 - 204.3 Moderate White mica (Sericite)>>

<<Alt: 194.8 - 206 Moderate Silicification >>

<<Alt: 204.3 - 205.4 moderate to strong White mica (Sericite)>>

<<Alt: 205.4 - 207.5 Strong White mica (Sericite)>>

<<Alt: 207.5 - 208.8 intense White mica (Sericite)>>

<<Alt: 208.8 - 214.8 Moderate White mica (Sericite)>>

<<Alt: 208.8 - 225 Moderate Silicification >>

<<Alt: 214.8 - 225 Weak to moderate White mica (Sericite)>>

<<Vein: 212.4 - 212.41 80% Quartz 45 deg. >>

<<Struc: 191.78 - 191.78 moderate to strong Foliated>>

<<Struc: 210.3 - 210.3 moderate to strong Foliated>>

From (m)	To (m)	Rocktype & Description		
217.91	**225.00**	**FVOL**	**Felsic Metavolcanic**	**cream** **FMG**

217.91 - 225: grey to locallly cream colored, felsic-intermediate, quartz-feldspar crystal tuff. Very similar to tuff unit above, but more pervasive alteration. Foliation is defined by micaceous minerals forming large sub-rounded domains rather than a planar thinly spaced foliation. Possible porphyry but no contacts traced. Alteration appears as sericite with silica overprint.

<<Vein: 218.75 - 218.78 85% Quartz 35 deg. >>

<<Vein: 222.6 - 222.7 40% Quartz 50 deg. >>

<<Struc: 223.9 - 223.9 Moderate Foliated>>

End of Hole @ 225

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
186.00	187.50	1.50	S194457	-0.005	2	17	65	2
196.00	197.50	1.50	S194458	-0.005	9	16	66	2
206.00	207.50	1.50	S194459	-0.005	44	43	217	3
216.00	217.50	1.50	S194461	-0.005	7	11	56	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	3/18/2017
UTM Easting:	680675	Core Size:	NQ	Azimuth:	319	Date Logging Complete:	3/22/2017
UTM Northing:	5591249	Casing Pulled?:	Yes	Dip:	-70	Drill Company:	Dorado
UTM Elev. (m):	397	Casing Depth (m):	16.55	Length (m):	225	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279395	Drill Started:	3/17/2017
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/21/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-03 is an exploration hole, designed to test steeply dipping airborne conductor, target 15, west of Big Sandy Island. The hole transects a volcanic package of felsic-intermediate pyroclastics, into a basinal sediment package of poorly sorted conglomerates and fine grained mudstones, which hosts massive sulphide lenses. Massive sulphide was intercepted between 111-116.95 m, 118.5-119.75 m and 142.8-143 m. Heavily disseminated or laminated sulphides in black argillite was intercepted between 84-104.9 m, 116.95-118.5 m, 119.75-121.5 m and 132.3-142.8 m. Sericite and silica alteration are present proximal to massive sulphide lenses and pervasive near a rhyolite intrusion at the base of the hole. The hole intersected the geophysical conductor anomaly.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
60	-64.2	338.1	0	338.1	EZShot	Dorado	3/18/2017	59631	☐	
102	-63.4	2.6	0	2.6	EZShot	Dorado	3/19/2017	54821	☐	
162	-61.3	338.1	0	338.1	EZShot	Dorado	3/20/2017	59028	☐	
201	-58.7	337	0	337	EZShot	Dorado	3/20/2017	59162	☐	

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0 20)	AS Min (0 5)	PO Min (0 20)	WM Alt (0 7)	SI Alt (0 7)	CL Alt (0 7)	CA Alt (0 7)	CB Alt (0 7)	Mag Sus (0 100)
0.00	LAKE									
2.00										
4.00										
6.00										
8.00										
10.00										
12.00										
14.00										
16.00	IVOL									

16.55 - 24.74: Light-dark grey, very fine grained, felsic to intermediate tuffaceous sediment. Locally pervasively carbonate altered. Locally chlorite altered. Foliation is very weakly defined if present at all (noticable lack of micaceous minerals). Rarely disseminated pyrite 0.5-1%.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
16.55	24.74							

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GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
21.50	23.00	1.50	Q930373	-0.005	4	152	74	-2
36.00	37.50	1.50	Q930374	-0.005	29	116	86	-2
49.50	51.00	1.50	Q930375	0.005	19	559	124	2
73.50	75.00	1.50	Q930376	-0.005	2	177	80	-2

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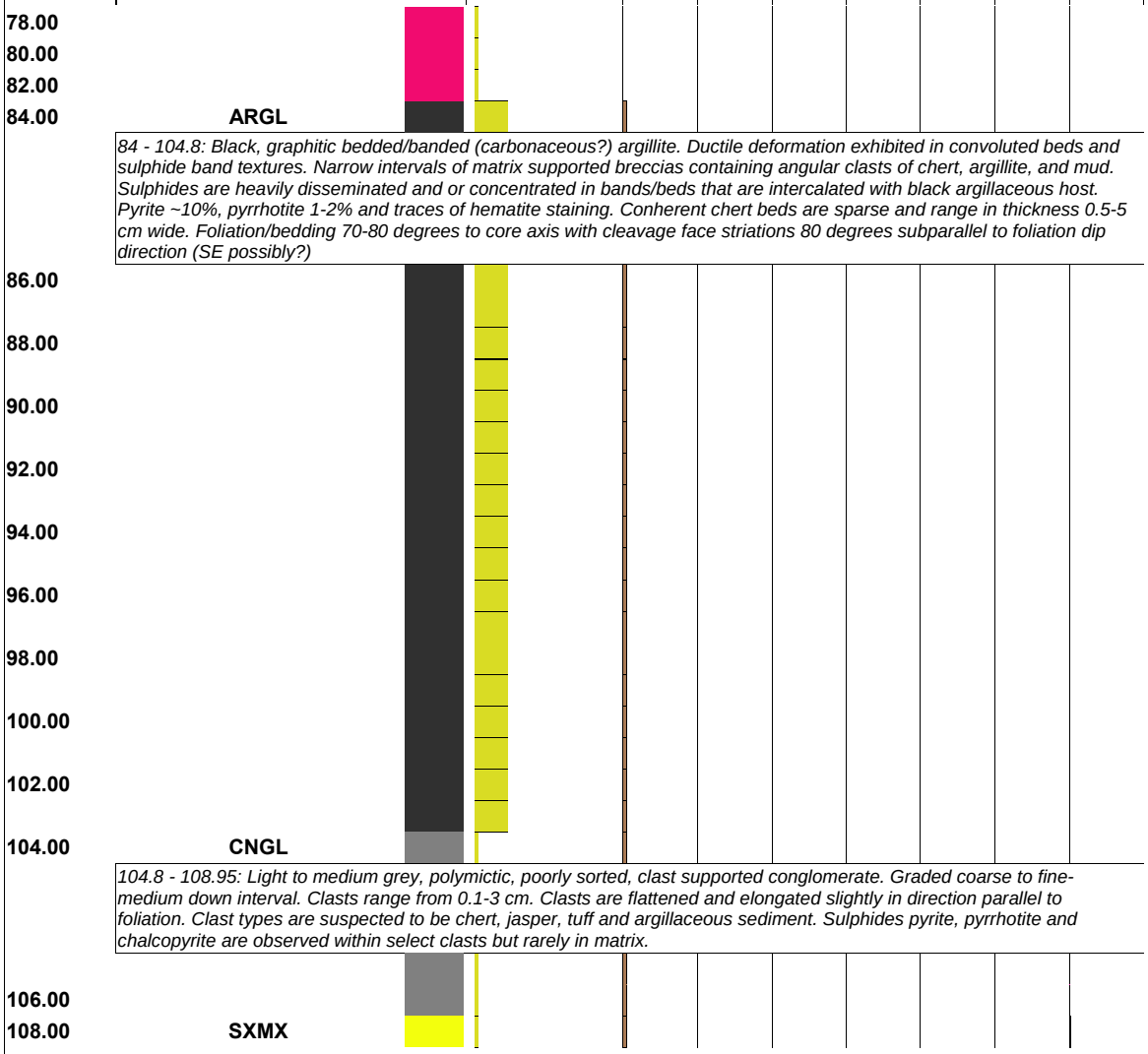
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
84.00	87.00	3.00	Q930377	-0.005	28	46	154	2
87.00	88.50	1.50	Q930378	0.018	90	308	724	11
88.50	90.00	1.50	Q930379	0.011	99	361	692	14
90.00	91.50	1.50	Q930381	0.02	127	551	1145	13
91.50	93.00	1.50	Q930382	0.033	89	716	1995	14
93.00	94.50	1.50	Q930383	0.048	274	1055	2970	36
94.50	96.00	1.50	Q930384	0.036	44	734	2430	29
96.00	97.50	1.50	Q930385	0.011	79	385	1015	14
97.50	99.00	1.50	Q930386	0.043	135	590	1840	16
99.00	100.50	1.50	Q930387	0.052	21	579	1670	15
100.50	102.00	1.50	Q930388	0.048	80	460	1240	19
102.00	103.50	1.50	Q930389	0.031	53	307	1090	15
103.50	104.80	1.30	Q930391	0.016	31	227	504	8
104.80	106.37	1.57	Q930392	-0.005	85	134	89	3
108.95	109.95	1.00	Q930393	-0.005	9	65	58	-2
109.95	111.00	1.05	Q930394	-0.005	2	22	496	-2

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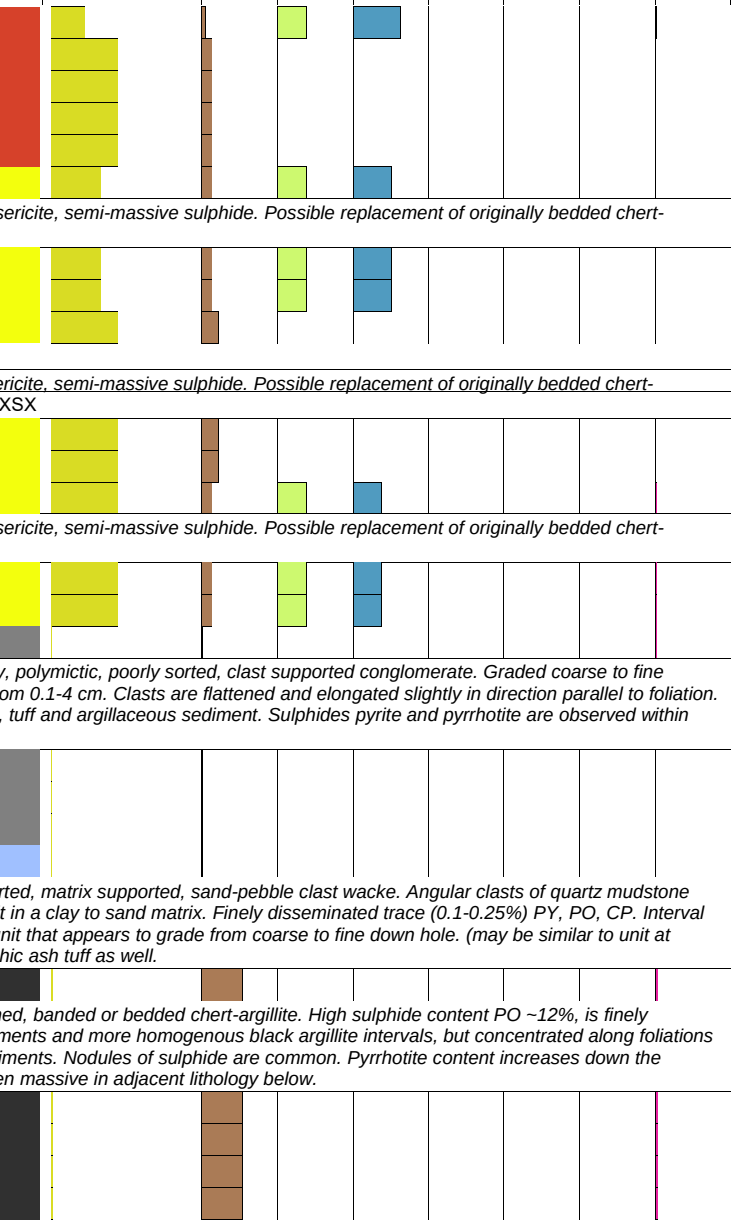
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03



Depth (m)	Rocktype & Description / sub-intervals
	116.9 - 118.44: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure.
	116.9-118.44: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure. 116.9-118.44:SXMX 118.44-119.5:MXSX
	119.5 - 121.58: Altered - silicified +/- sericite, semi-massive sulphide. Possible replacement of originally bedded chert-sediment structure.
	121.58 - 129.19: Light to medium grey, polymictic, poorly sorted, clast supported conglomerate. Graded coarse to fine grained down interval. Clasts range from 0.1-4 cm. Clasts are flattened and elongated slightly in direction parallel to foliation. Clast types are suspected to be chert, tuff and argillaceous sediment. Sulphides pyrite and pyrrhotite are observed within select clasts but rarely in matrix.
	129.19 - 132.55: Dark grey, poorly sorted, matrix supported, sand-pebble clast wacke. Angular clasts of quartz mudstone lithics that are sand to pebble sized sit in a clay to sand matrix. Finely disseminated trace (0.1-0.25%) PY, PO, CP. Interval sits structurally below conglomerate unit that appears to grade from coarse to fine down hole. (may be similar to unit at 181.76 m). Is possible to consder a lithic ash tuff as well.
	132.55 - 139.79: black, very fine grained, banded or bedded chert-argillite. High sulphide content PO ~12%, is finely disseminated in light grey cherty sediments and more homogenous black argillite intervals, but concentrated along foliations between laminations and beds of sediments. Nodules of sulphide are common. Pyrrhotite content increases down the interval and turns to semi-massive then massive in adjacent lithology below.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
111.00	112.00	1.00	Q930395	0.018	314	16	14	48
112.00	113.00	1.00	Q930396	0.072	365	6	77	47
113.00	114.00	1.00	Q930397	0.035	315	4	46	41
114.00	115.00	1.00	Q930398	0.019	314	4	8	25
115.00	116.00	1.00	Q930399	0.165	353	6	13	55
116.00	116.90	0.90	Q930401	0.066	240	10	126	31
116.90	117.90	1.00	Q930402	-0.005	46	12	184	6
117.90	118.44	0.54	Q930403	-0.005	127	13	316	7
118.44	119.50	1.06	Q930404	-0.005	265	18	285	9
119.50	120.50	1.00	Q930405	-0.005	139	16	100	8
120.50	121.58	1.08	Q930406	-0.005	122	22	176	18
121.58	123.00	1.42	Q930407	-0.005	11	91	68	2
131.05	132.55	1.50	Q930408	-0.005	11	31	196	3
132.55	134.05	1.50	Q930409	0.007	88	58	463	9
134.05	135.55	1.50	Q930411	-0.005	236	30	123	5
135.55	137.05	1.50	Q930412	-0.005	163	10	43	4

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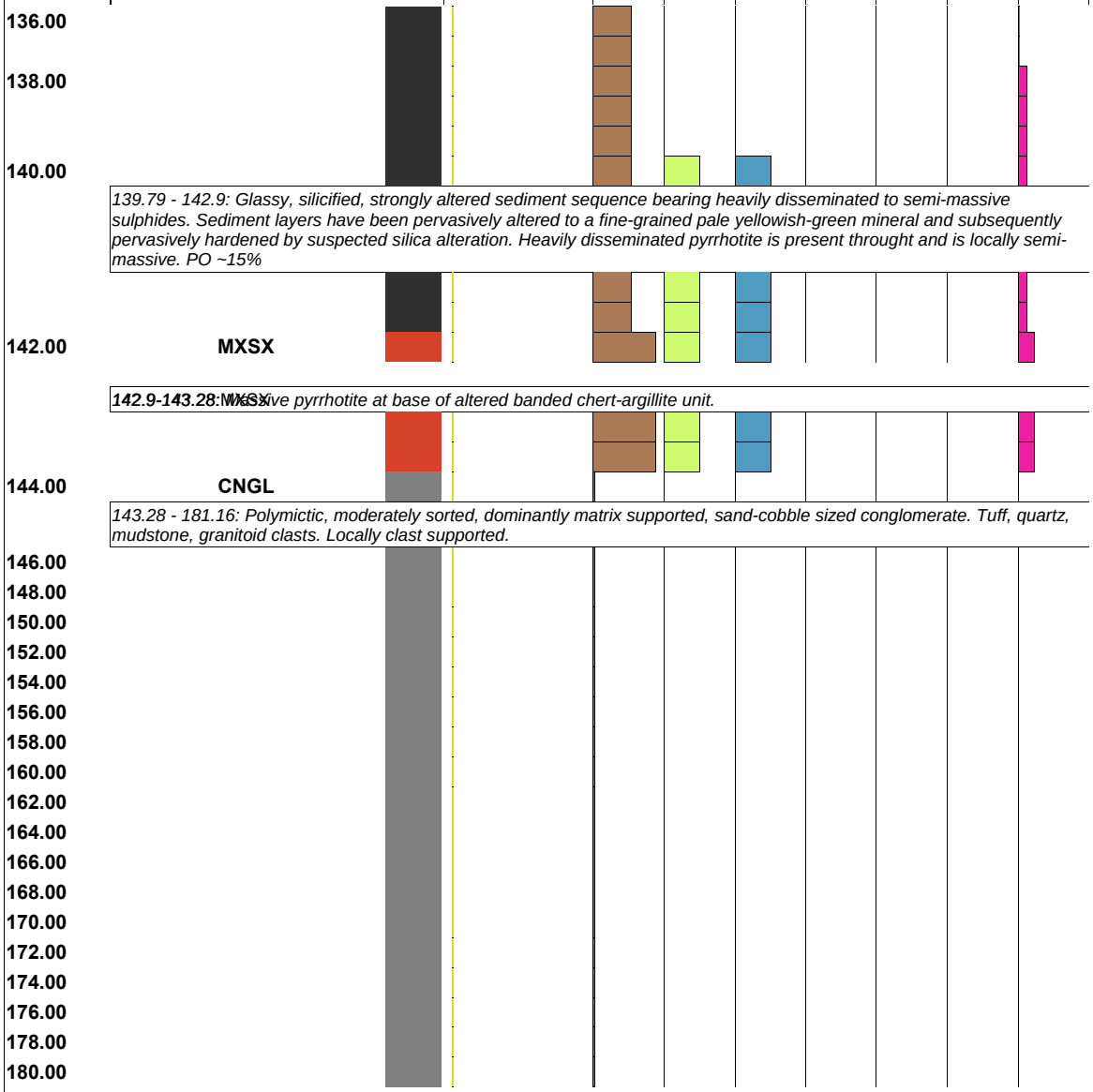
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
137.05	138.55	1.50	Q930413	-0.005	124	17	90	3
138.55	139.79	1.24	Q930414	0.009	357	45	186	13
139.79	140.79	1.00	Q930415	-0.005	229	27	297	9
140.79	141.79	1.00	Q930416	-0.005	180	28	296	11
141.79	142.90	1.11	Q930417	0.009	168	42	446	14
142.90	143.28	0.38	Q930418	0.013	133	51	545	21
143.28	144.78	1.50	Q930419	-0.005	33	103	76	3
156.00	157.50	1.50	S194454	-0.005	17	89	86	2
166.00	167.50	1.50	S194455	-0.005	9	131	78	2
176.00	177.50	1.50	S194456	-0.005	24	129	78	3

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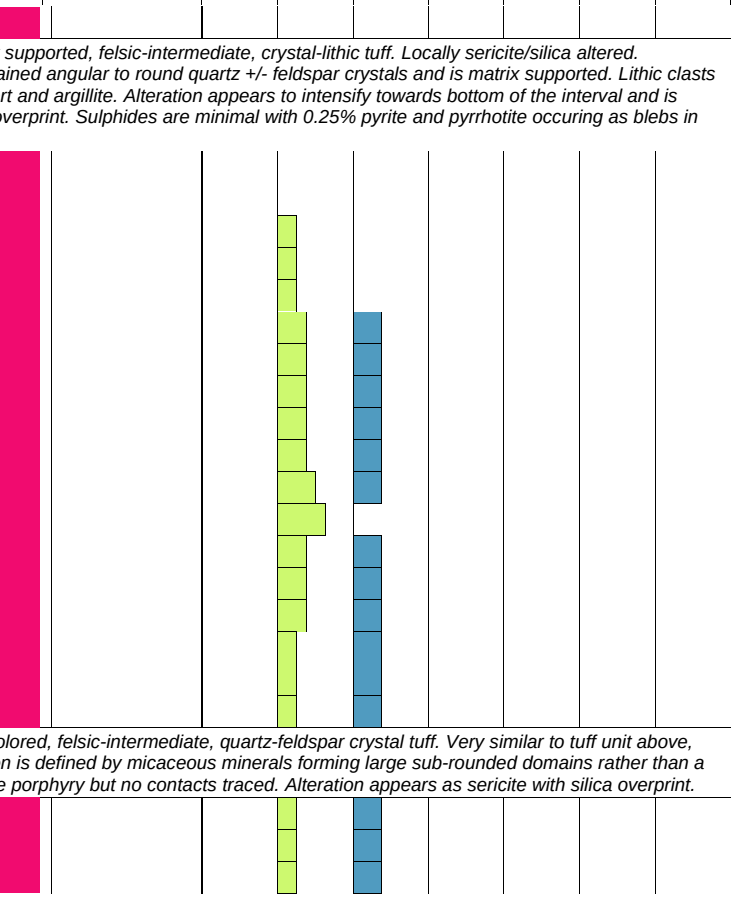
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-03



Depth (m)	Rocktype & Description / sub-intervals
182.00	**FVOL**
	181.16 - 217.91: medium grey, matrix supported, felsic-intermediate, crystal-lithic tuff. Locally sericite/silica altered. Ubiquitously contains fine-medium grained angular to round quartz +/- feldspar crystals and is matrix supported. Lithic clasts are generally angular and include chert and argillite. Alteration appears to intensify towards bottom of the interval and is suspected to be sericite with a silica overprint. Sulphides are minimal with 0.25% pyrite and pyrrhotite occuring as blebs in clasts and more rarely in matrix.
184.00	
186.00	
188.00	
190.00	
192.00	
194.00	
196.00	
198.00	
200.00	
202.00	
204.00	
206.00	
208.00	
210.00	
212.00	
214.00	
216.00	
218.00	
	217.91 - 225: grey to locallly cream colored, felsic-intermediate, quartz-feldspar crystal tuff. Very similar to tuff unit above, but more pervasive alteration. Foliation is defined by micaceous minerals forming large sub-rounded domains rather than a planar thinly spaced foliation. Possible porphyry but no contacts traced. Alteration appears as sericite with silica overprint.
220.00	
222.00	
224.00	

End of Hole @ 225

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
186.00	187.50	1.50	S194457	-0.005	2	17	65	2
196.00	197.50	1.50	S194458	-0.005	9	16	66	2
206.00	207.50	1.50	S194459	-0.005	44	43	217	3
216.00	217.50	1.50	S194461	-0.005	7	11	56	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-04**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Dave Nuttall	Date Logging Start:	3/23/2017
UTM Easting:	678657	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	3/24/2017
UTM Northing:	5594016	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	403	Casing Depth (m):	6	Length (m):	174	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279399	Drill Started:	3/22/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/24/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-04 is an exploration hole designed to intersect the steeply dipping modelled airborne conductor, target 5b. A magnetic low, conductive zone, believed to be the conductor was intersected between 113-140 m depth. The conductor is hosted in a thick package of interbedded sandy to argillaceous wacke metasediments and banded chert-iron formation layers with 0.5-5 cm wide foliation parallel pyrrhotite-rich carbonate veins. Weak chlorite alteration is pervasive throughout the hole; intensity increases proximal to large quartz carbonate veins and strongly foliated intervals. Arsenopyrite is found in trace amounts proximal to some quartz veins structurally above and structurally below the conductive zone. Pyrite and pyrrhotite are ubiquitous throughout the hole, but higher concentrations are found in narrow strongly foliated shears within sediments. Banded iron formation sequences are relatively narrow (3-40 cm wide) compared to the other sediments.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	331	0	331	GPS	Dave Nuttall	3/22/2017		☐	
51	-45	2.6	0	2.6	EZShot	Dave Nuttall	3/23/2017	57204	☐	
102	-43.3	359.9	0	359.9	EZShot	Dave Nuttall	3/23/2017	55727	☐	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**6.00**	**OVBN Overburden**									
		<<Alt: 0 - 25.3 Weak to moderate Chlorite >> Intensity increases proximal to some veins. Mostly pervasive through the interval.									
6.00	**48.00**	**GRWK Greywacke black VFG**	6.00	7.50	1.50	Q930421	-0.005	76	54	49	3
		6 - 48: Green-black, weakly pervasively chlorite altered, interbedded, clay-sand wacke and black shaly siltstone. Unaltered portions of the interval are black. Narrow 1-3 mm wide quartz +/- carbonate veins are ubiquitous through the interval; predominantly discordant. Foliation parallel bands 0.5 - 4 cm wide of quartz +/- carbonate carry heavily disseminated pyrite +/- coarse grained arsenopyrite and are proximally altered by chlorite and have disseminated pyrite and pyrrhotite concentrated in adjacent foliation planes.									
		<<Min: 7.39 - 7.45 10% pyrite>> Localized concentration.	7.50	9.00	1.50						
		<<Min: 7.39 - 7.45 3% arsenopyrite>> Localized concentration of coarse grained arsenopyrite. Associated with pyrite rich foliation band	9.00	10.00	1.00						

From (m)	To (m)	Rocktype & Description
		<<Min: 10.9 - 10.93 5% pyrite>> Localized concentration.
		<<Min: 11 - 11.3 5% pyrite>> Localized concentration.
		<<Min: 13.1 - 13.3 7% pyrite>> Localized concentration.
		<<Min: 13.12 - 13.25 2% arsenopyrite>> Localized concentration of arsenopyrite associated with banded quartz/pyrite.
		<<Min: 13.5 - 13.65 2% arsenopyrite>> Localized concentration.
		<<Min: 13.5 - 13.7 3% pyrite>> Localized concentration.
		<<Min: 15.9 - 16.2 7% pyrite>> Localized concentration.
		<<Min: 16.7 - 16.9 10% pyrite>> Localized concentration.
		<<Min: 17.25 - 17.35 7% pyrite>> Localized concentration.
		<<Min: 19.6 - 19.7 10% pyrite>> Localized concentration.
		<<Min: 19.9 - 20 7% pyrite>> Localized concentration.
		<<Min: 20.46 - 20.69 5% pyrite>> Localized concentration.
		<<Min: 20.8 - 20.85 5% pyrrhotite>> Localized concentration.
		<<Min: 24.85 - 25 7% pyrite>> Localized concentration.
		<<Min: 24.85 - 25 2% pyrrhotite>> Localized concentration.
		<<Min: 27 - 27.25 3% pyrite>> Localized concentration.
		<<Min: 32.34 - 32.4 5% pyrite>> Localized concentration.
		<<Min: 33.25 - 33.5 7% pyrite>> Localized concentration.
		<<Min: 33.25 - 36 3% pyrrhotite>> Interval contains widely spaced foliation parallel bands of carbonate and heavily disseminated pyrrhotite.
		<<Min: 33.75 - 33.9 5% pyrite>> Localized concentration.
		<<Min: 37.07 - 37.14 2% arsenopyrite>> Localized concentration. Associated with massive quartz vein.
		<<Min: 38.55 - 38.62 10% pyrite>> Localized concentration.
		<<Min: 38.9 - 39 5% pyrite>> Localized concentration.
		<<Min: 41.12 - 41.17 0.5% arsenopyrite>> In quartz vein
		<<Min: 41.3 - 43.1 1% arsenopyrite>> Associated with massive quartz veins
		<<Min: 41.3 - 43.1 1% pyrrhotite>> Associated with massive quartz veins
		<<Min: 41.3 - 43.1 2% pyrite>> Associated with massive quartz veins
		<<Min: 45.7 - 45.9 3% pyrite>> Associated with massive quartz veins
		<<Min: 47.3 - 47.5 5% pyrite>> Localized concentration.
		<<Min: 47.3 - 47.5 3% pyrrhotite>> Localized concentration.
		<<Alt: 25.3 - 26 Weak Chlorite >>
		<<Alt: 26 - 48 Weak to moderate Chlorite >>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
10.00	11.00	1.00	Q930422	0.011	17	27	44	2
11.00	12.00	1.00	Q930423	-0.005	20	37	56	2
12.00	13.00	1.00						
13.00	14.00	1.00	Q930424	0.02	4550	52	49	4
14.00	15.50	1.50	Q930425	-0.005	79	37	75	3
15.50	17.00	1.50	Q930426	-0.005	53	43	34	-2
17.00	18.50	1.50	Q930427	-0.005	53	16	21	4
18.50	20.00	1.50	Q930428	-0.005	32	17	33	2
20.00	21.50	1.50	Q930429	0.007	164	33	59	2
24.50	25.50	1.00	Q930431	-0.005	20	31	80	2
26.00	27.50	1.50	Q930432	-0.005	60	34	47	-2
29.00	30.00	1.00	Q930433	-0.005	98	40	129	3
32.00	33.50	1.50	Q930434	-0.005	208	46	63	-2
33.50	35.00	1.50	Q930435	-0.005	50	41	48	-2
35.00	36.50	1.50	Q930436	-0.005	146	46	42	3
36.50	38.00	1.50	Q930437	0.019	685	36	30	2
38.00	39.50	1.50	Q930438	0.061	787	38	24	3
39.50	41.00	1.50	Q930439	-0.005	104	-1	10	-2
41.00	42.25	1.25	Q930441	0.041	269	-1	3	4
42.25	43.50	1.25	Q930442	0.539	21	-1	7	-2
44.50	46.00	1.50	Q930443	-0.005	529	39	26	3
47.00	48.00	1.00	Q930444	-0.005	4	23	24	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41

<<Vein: 6 - 7.36 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arseno pyrite.

<<Vein: 7.36 - 7.38 75% Quartz 40 deg. >>

<<Vein: 7.38 - 7.78 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arseno pyrite.

<<Vein: 7.78 - 7.98 20% Quartz 70 deg. >> Three veins, foliation parallel spaced 1-10 cm apart.

<<Vein: 7.98 - 11.34 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arseno pyrite.

<<Vein: 11.34 - 11.72 10% Quartz 55 deg. >> folded veins with axial planar dip parallel to foliation; alpha 55

<<Vein: 11.72 - 12.18 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 12.18 - 12.19 90% Quartz 40 deg. >>

<<Vein: 12.19 - 13.56 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 13.56 - 13.58 90% Quartz 45 deg. >>

<<Vein: 13.58 - 16.35 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 16.35 - 16.6 10% Quartz 45 deg. >> several veins spaced 3-5 cm apart.

<<Vein: 16.6 - 37.07 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 37.07 - 37.13 95% Quartz 50 deg. >> Quartz, Fe-carbonate, muscovite, chlorite vein with sulphide concentration proximal to vein-selvage walls.

<<Vein: 37.13 - 38.5 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 38.5 - 41.12 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 41.12 - 41.17 70% Quartz 55 deg. >>

<<Vein: 41.17 - 41.73 3% Quartz 55 deg. >> Narrow 0.5-2 cm wide quartz veins, dominantly foliation parallel, widely spaced 0.1-100 cm apart, hosting heavily disseminated pyrite +/- pyrrotite +/- arsenopyrite.

<<Vein: 41.73 - 41.87 98% Quartz>>

<<Vein: 42.48 - 42.91 80% Quartz 50 deg. >>

<<Vein: 44.8 - 44.84 40% Quartz 40 deg. >>

<<Struc: 11.3 - 11.3 moderate to strong Foliated>>

<<Struc: 16.8 - 16.8 moderate to strong Foliated>>

<<Struc: 25.88 - 25.88 moderate to strong Foliated>>

<<Struc: 36.4 - 36.4 Strong Bedded>>

From (m)	To (m)	Rocktype & Description
48.00	**101.56**	**FEFM Iron Formation green black FG**

48 - 101.56: Bedded to laminated metasediment package of wacke, shale, argillite, chert, magnetite iron formations. Color is banded black, white and green. Sulphides concentrated in strongly foliated bands and in veins. Magnetite beds are often ductily deformed or folded and spaced 10-50 cm apart through interval.

<<Min: 49.2 - 49.35 5% pyrite>> Localized concentration.

<<Min: 49.2 - 49.35 3% pyrrhotite>> Localized concentration.

<<Min: 49.25 - 49.3 50% magnetite>> Magnettite laminations

<<Min: 49.8 - 49.9 2% pyrrhotite>> Localized concentration.

<<Min: 49.8 - 49.9 5% pyrite>> Localized concentration.

<<Min: 51.9 - 53.2 3% pyrrhotite>> Localized concentration.

<<Min: 52 - 52.12 15% magnetite>> Magnetite grains associated with veining.

<<Min: 53 - 54 5% magnetite>> Narrow magnettite iron formation laminations interbedded with wackes and siltstones. Intervals spaced 10-30 cm apart.

<<Min: 59.7 - 59.8 5% pyrite>> Coarse grained pyrite in foliation parallel bands with carbonate

<<Min: 59.8 - 78 0.25% pyrrhotite>>

<<Min: 69.7 - 70 2% pyrite>> Localized concentration.

<<Min: 69.7 - 70 2% pyrrhotite>> Localized concentration.

<<Min: 73.65 - 73.9 2% pyrite>> Localized concentration.

<<Min: 77 - 77.1 1% pyrrhotite>> Localized concentration.

<<Min: 77 - 77.1 2% pyrite>> Localized concentration.

<<Min: 78.1 - 78.25 3% pyrite>> Localized concentration.

<<Min: 82 - 82.3 1% pyrrhotite>> Localized concentration.

<<Min: 82 - 82.3 3% pyrite>> Localized concentration.

<<Min: 93 - 113.5 0.5% pyrrhotite>>

<<Alt: 48 - 48.6 Weak Chlorite >>

<<Alt: 48.6 - 54 Weak to moderate Chlorite >>

<<Alt: 54 - 66 Weak Chlorite >>

<<Alt: 66 - 68 Weak to moderate Chlorite >>

<<Alt: 68 - 68.75 Weak Chlorite >>

<<Alt: 68.75 - 70.05 Weak to moderate Chlorite >>

<<Alt: 70.05 - 77 Weak Chlorite >>

<<Alt: 77 - 78 Weak to moderate Chlorite >>

<<Alt: 78 - 90.3 Weak Chlorite >>

<<Alt: 90.3 - 174 Weak to moderate Chlorite >>

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
51.50	53.00	1.50	Q930445	-0.005	16	47	61	3
53.00	54.50	1.50	Q930446	-0.005	2	39	52	3
56.00	57.50	1.50	Q930447	-0.005	6	41	60	3
57.50	59.00	1.50	Q930448	-0.005	5	41	50	2
59.00	60.50	1.50	Q930449	-0.005	23	53	56	4
61.60	63.10	1.50	Q930451	-0.005	12	43	51	2
64.00	65.50	1.50	Q930452	-0.005	8	27	49	-2
66.00	66.70	0.70	Q930453	-0.005	4	22	39	2
68.75	70.00	1.25	Q930454	0.017	4	34	33	5
72.50	74.00	1.50	Q930455	0.371	33	36	68	4
76.70	77.50	0.80	Q930456	-0.005	12	103	36	3
77.85	79.00	1.15	Q930457	-0.005	21	37	45	2
81.86	83.20	1.34	Q930458	-0.005	7	53	51	3
100.00	101.00	1.00	Q930459	-0.005	18	42	58	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Vein: 51.9 - 52.2 45% Quartz 55 deg. >>									
		<<Vein: 68.51 - 68.54 95% Quartz 55 deg. >>									
		<<Vein: 70.63 - 74 7% Quartz 55 deg. >> Quartz - Fe-carbonate veins spaced 1-10 cm apart. Isoclinal folding parallel to foliation.									
		<<Vein: 77.05 - 77.1 95% Quartz 50 deg. >>									
		<<Vein: 81.51 - 81.57 75% Quartz 55 deg. >>									
		<<Vein: 96.9 - 96.93 90% Quartz 60 deg. >>									
		<<Vein: 100.2 - 100.23 95% Calcium carbonate/Carbonate 55 deg. >>									
		<<Vein: 100.5 - 100.55 90% Calcium carbonate/Carbonate 55 deg. >>									
		<<Struc: 54.1 - 54.1 moderate to strong Foliated>>									
		<<Struc: 60.7 - 60.7 Strong contact>> Upper contact of pelitic unit									
		<<Struc: 69.7 - 69.7 Strong Foliated>> Folded iron formation - axial planar									
		<<Struc: 87.4 - 87.4 moderate to strong Foliated>>									
101.56	**140.00**	**GRWK Greywacke black FG**	103.00	104.00	1.00	Q930461	0.007	355	34	45	-2
		101.56 - 140: Bedded sediments. Dominantly black-green colored, well foliated, weakly chlorite altered intercalated siltstones and greywackes. Carbonate vein zone and associated pyrrotite dominant sulphide mineralization between 113.5-140 m.									
		<<Min: 107.8 - 108.1 0.25% arsenopyrite>> Fracture filling, coarse grains.	104.00	105.50	1.50	Q930462	-0.005	148	34	47	2
		<<Min: 113.5 - 116.6 3% pyrrhotite>> Concentrated in bands with carbonate	106.00	107.50	1.50	Q930463	-0.005	80	59	65	-2
		<<Min: 113.5 - 135 1% pyrite>> Concentrated in bands with carbonate	107.50	109.00	1.50	Q930464	-0.005	65	39	60	2
		<<Min: 117.8 - 118.8 3% pyrrhotite>> Concentrated in bands with carbonate	109.00	110.50	1.50	Q930465	-0.005	38	43	56	3
		<<Min: 118.8 - 122.9 2% pyrrhotite>> Concentrated in bands with carbonate	110.50	112.00	1.50	Q930466	-0.005	39	36	48	3
		<<Min: 122.9 - 124 5% pyrrhotite>> Concentrated in bands with carbonate	112.00	113.50	1.50	Q930467	-0.005	22	27	45	2
		<<Min: 124 - 126 1% pyrrhotite>> Concentrated in bands with carbonate	113.50	115.00	1.50	Q930468	-0.005	15	38	41	2
		<<Min: 126 - 131 3% pyrrhotite>> Concentrated in bands with carbonate	115.00	116.50	1.50	Q930469	-0.005	22	22	40	-2
		<<Min: 131 - 140 2% pyrrhotite>> Concentrated in bands with carbonate	116.50	118.00	1.50	Q930471	-0.005	38	19	41	5
		<<Min: 135 - 140 2% pyrite>> Concentrated in bands with carbonate	118.00	119.50	1.50	Q930472	-0.005	80	31	49	5
		<<Vein: 103 - 107 3% Calcium carbonate/Carbonate 55 deg. >> 0.5-2 cm wide foliation parallel quartz-carbonate veins spaced 3-50 cm apart.	119.50	121.00	1.50	Q930473	-0.005	56	26	48	2
		<<Vein: 107 - 147 5% Calcium carbonate/Carbonate 50 deg. >> Vein zone. 0.5- 5 cm wide foliation parallel carbonate rich veins with associated pyrrhotite dominant sulphide assemblage (minor pyrite), spaced 2-50 cm apart. Ubiquitous through interval. Some veins are deformed with folded host sediments.	121.00	122.50	1.50	Q930474	-0.005	41	22	63	3
		<<Struc: 101.7 - 101.7 Strong Foliated>>	122.50	124.00	1.50	Q930475	0.006	41	41	56	3
		<<Struc: 117.6 - 117.6 moderate to strong Foliated>>	124.00	125.50	1.50	Q930476	-0.005	46	5	40	-2
			125.50	127.00	1.50	Q930477	0.005	753	23	72	2

From (m)	To (m)	Rocktype & Description

140.00 163.70 FEFM Iron Formation green black FG

140 - 163.7: Bedded to laminated metasediment package of wacke, shale, argillite, chert, magnetite iron formations. Color is banded black, white and green. Sulphides concentrated in strongly foliated bands and in veins. Magnetite beds are often ductily deformed or folded and spaced 10-50 cm apart through interval.

<<Min: 140 - 174 1% pyrite>>

<<Min: 140 - 174 0.25% pyrrhotite>>

<<Struc: 163.2 - 163.2 Moderate Foliated>>

163.70 164.50 GRWK Greywacke salt + pepper MCG

163.7 - 164.5: black and white, biotite rich, medium-coarse grained pelitic metasediment. Carbonate banded.

<<Alt: 163.7 - 164.5 moderate to strong Calcite>>

164.50 174.00 FEFM Iron Formation green black FG

164.5 - 174: Bedded to laminated metasediment package of wacke, shale, argillite, chert, magnetite iron formations. Color is banded black, white and green. Sulphides concentrated in strongly foliated bands and in veins. Magnetite beds are often ductily deformed or folded and spaced 10-50 cm apart through interval.

End of Hole @ 174

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
127.00	128.50	1.50	Q930478	-0.005	72	53	103	2
128.50	130.00	1.50	Q930479	-0.005	46	34	98	2
130.00	131.50	1.50	Q930481	-0.005	24	28	71	2
131.50	133.00	1.50	Q930482	-0.005	14	11	53	2
133.00	134.50	1.50	Q930483	-0.005	97	22	56	2
134.50	136.00	1.50	Q930484	0.012	68	45	55	-2
136.00	137.50	1.50	Q930485	-0.005	14	22	55	-2
137.50	139.00	1.50	Q930486	-0.005	14	32	56	2
139.00	140.00	1.00	Q930487	-0.005	21	16	59	4
140.00	141.50	1.50	Q930488	-0.005	9	55	48	3
141.50	143.00	1.50	Q930489	-0.005	19	31	51	2
143.00	144.50	1.50	Q930491	-0.005	29	29	47	-2
144.50	146.00	1.50	Q930492	-0.005	15	38	63	2
146.00	147.50	1.50	Q930493	-0.005	9	33	53	2
153.00	154.50	1.50	Q930494	-0.005	7	42	60	4
162.00	163.50	1.50	Q930495	-0.005	4	33	49	5
165.08	166.58	1.50	Q930496	-0.005	2	50	53	2
172.50	174.00	1.50	Q930497	-0.005	8	37	58	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-04

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Dave Nuttall	Date Logging Start:	3/23/2017
UTM Easting:	678657	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	3/24/2017
UTM Northing:	5594016	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	403	Casing Depth (m):	6	Length (m):	174	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279399	Drill Started:	3/22/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/24/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-04 is an exploration hole designed to intersect the steeply dipping modelled airborne conductor, target 5b. A magnetic low, conductive zone, believed to be the conductor was intersected between 113-140 m depth. The conductor is hosted in a thick package of interbedded sandy to argillaceous wacke metasediments and banded chert-iron formation layers with 0.5-5 cm wide foliation parallel pyrrhotite-rich carbonate veins. Weak chlorite alteration is pervasive throughout the hole; intensity increases proximal to large quartz carbonate veins and strongly foliated intervals. Arsenopyrite is found in trace amounts proximal to some quartz veins structurally above and structurally below the conductive zone. Pyrite and pyrrhotite are ubiquitous throughout the hole, but higher concentrations are found in narrow strongly foliated shears within sediments. Banded iron formation sequences are relatively narrow (3-40 cm wide) compared to the other sediments.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	331	0	331	GPS	Dave Nuttall	3/22/2017		☐	
51	-45	2.6	0	2.6	EZShot	Dave Nuttall	3/23/2017	57204	☐	
102	-43.3	359.9	0	359.9	EZShot	Dave Nuttall	3/23/2017	55727	☐	

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0 20)	AS Min (0 5)	PO Min (0 20)	WM Alt (0 7)	SI Alt (0 7)	CL Alt (0 7)	CA Alt (0 7)	CB Alt (0 7)	Mag Sus (0 100)	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**OVBN**																		
2.00																			
4.00																			
6.00	**GRWK**										6.00	7.50	1.50	Q930421	-0.005	76	54	49	3
	6 - 48: Green-black, weakly pervasively chlorite altered, interbedded, clay-sand wacke and black shaly siltstone. Unaltered portions of the interval are black. Narrow 1-3 mm wide quartz +/- carbonate veins are ubiquitous through the interval; predominantly discordant. Foliation parallel bands 0.5 - 4 cm wide of quartz +/- carbonate carry heavily disseminated pyrite +/- coarse grained arsenopyrite and are proximally altered by chlorite and have disseminated pyrite and pyrrhotite concentrated in adjacent foliation planes.																		
8.00																			
10.00											10.00	11.00	1.00	Q930422	0.011	17	27	44	2
											11.00	12.00	1.00	Q930423	-0.005	20	37	56	2
12.00											13.00	14.00	1.00	Q930424	0.02	4550	52	49	4
14.00																			

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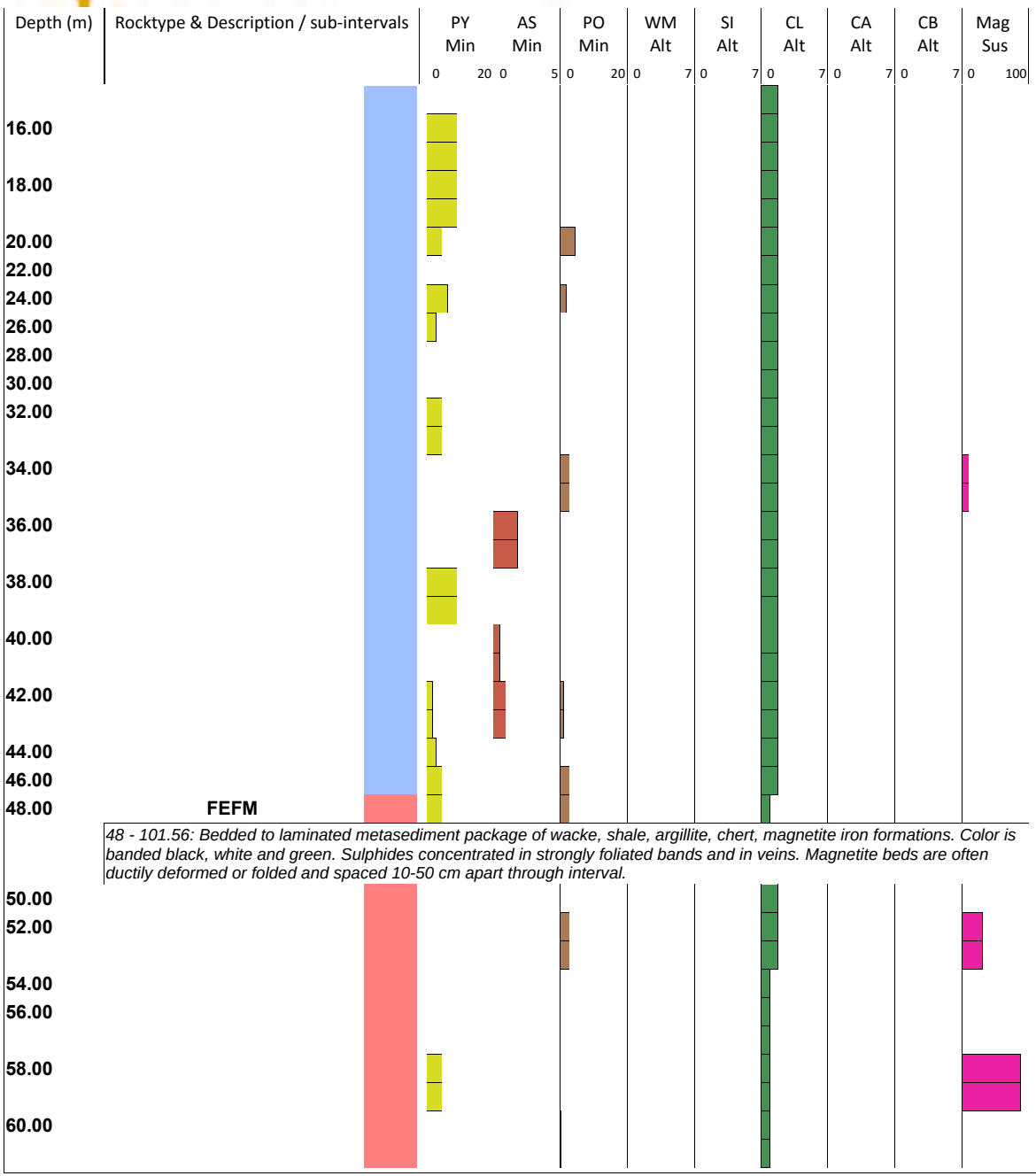
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-04



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
14.00	15.50	1.50	Q930425	-0.005	79	37	75	3
15.50	17.00	1.50	Q930426	-0.005	53	43	34	-2
17.00	18.50	1.50	Q930427	-0.005	53	16	21	4
18.50	20.00	1.50	Q930428	-0.005	32	17	33	2
20.00	21.50	1.50	Q930429	0.007	164	33	59	2
24.50	25.50	1.00	Q930431	-0.005	20	31	80	2
26.00	27.50	1.50	Q930432	-0.005	60	34	47	-2
29.00	30.00	1.00	Q930433	-0.005	98	40	129	3
32.00	33.50	1.50	Q930434	-0.005	208	46	63	-2
33.50	35.00	1.50	Q930435	-0.005	50	41	48	-2
35.00	36.50	1.50	Q930436	-0.005	146	46	42	3
36.50	38.00	1.50	Q930437	0.019	685	36	30	2
38.00	39.50	1.50	Q930438	0.061	787	38	24	3
39.50	41.00	1.50	Q930439	-0.005	104	-1	10	-2
41.00	42.25	1.25	Q930441	0.041	269	-1	3	4
42.25	43.50	1.25	Q930442	0.539	21	-1	7	-2
44.50	46.00	1.50	Q930443	-0.005	529	39	26	3
47.00	48.00	1.00	Q930444	-0.005	4	23	24	-2
51.50	53.00	1.50	Q930445	-0.005	16	47	61	3
53.00	54.50	1.50	Q930446	-0.005	2	39	52	3
56.00	57.50	1.50	Q930447	-0.005	6	41	60	3
57.50	59.00	1.50	Q930448	-0.005	5	41	50	2
59.00	60.50	1.50	Q930449	-0.005	23	53	56	4
61.60	63.10	1.50	Q930451	-0.005	12	43	51	2

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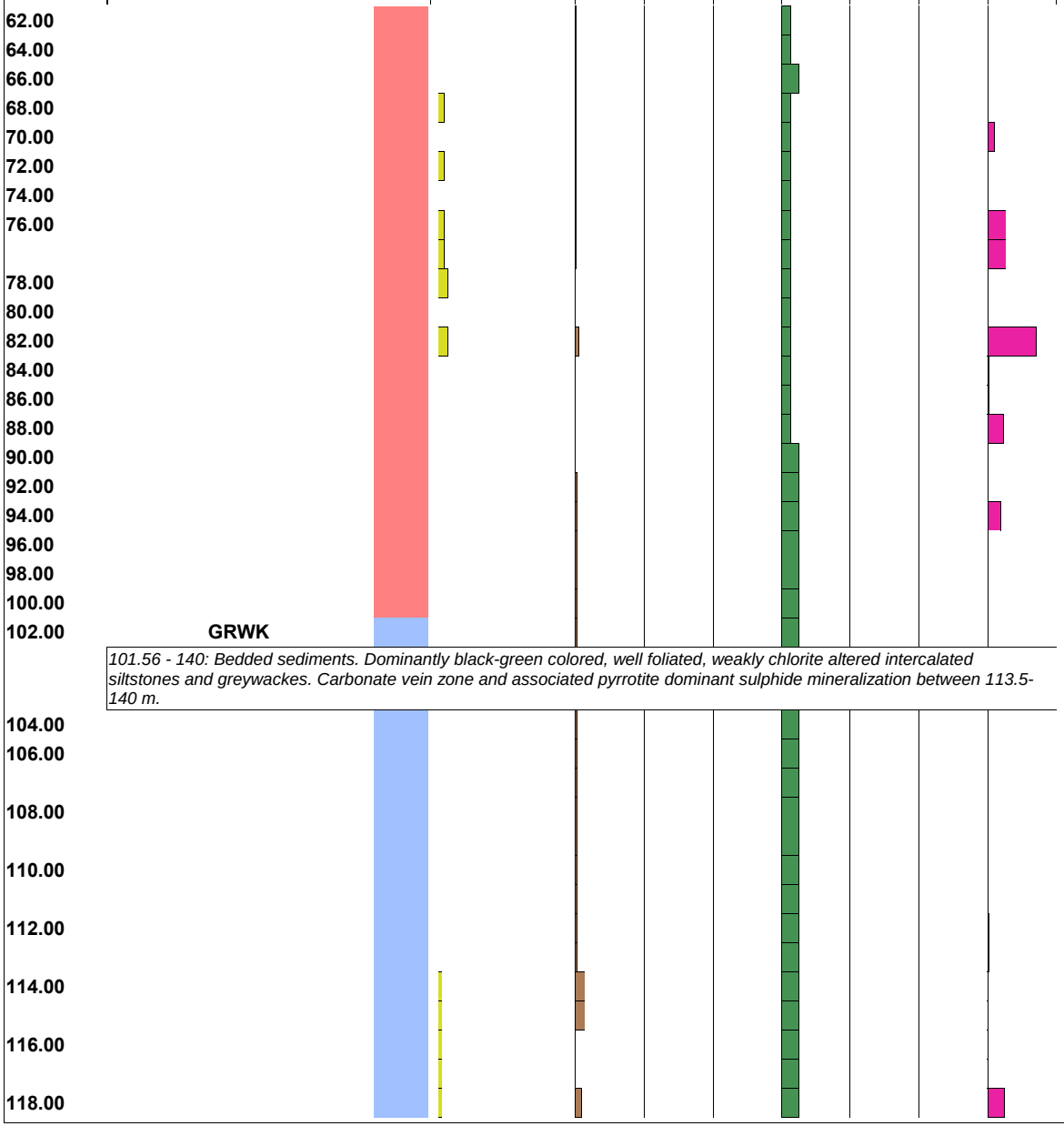
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-04



101.56 - 140: Bedded sediments. Dominantly black-green colored, well foliated, weakly chlorite altered intercalated siltstones and greywackes. Carbonate vein zone and associated pyrrotite dominant sulphide mineralization between 113.5-140 m.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
64.00	65.50	1.50	Q930452	-0.005	8	27	49	-2
66.00	66.70	0.70	Q930453	-0.005	4	22	39	2
68.75	70.00	1.25	Q930454	0.017	4	34	33	5
72.50	74.00	1.50	Q930455	0.371	33	36	68	4
76.70	77.50	0.80	Q930456	-0.005	12	103	36	3
77.85	79.00	1.15	Q930457	-0.005	21	37	45	2
81.86	83.20	1.34	Q930458	-0.005	7	53	51	3
100.00	101.00	1.00	Q930459	-0.005	18	42	58	-2
103.00	104.00	1.00	Q930461	0.007	355	34	45	-2
104.00	105.50	1.50	Q930462	-0.005	148	34	47	2
106.00	107.50	1.50	Q930463	-0.005	80	59	65	-2
107.50	109.00	1.50	Q930464	-0.005	65	39	60	2
109.00	110.50	1.50	Q930465	-0.005	38	43	56	3
110.50	112.00	1.50	Q930466	-0.005	39	36	48	3
112.00	113.50	1.50	Q930467	-0.005	22	27	45	2
113.50	115.00	1.50	Q930468	-0.005	15	38	41	2
115.00	116.50	1.50	Q930469	-0.005	22	22	40	-2
116.50	118.00	1.50	Q930471	-0.005	38	19	41	5
118.00	119.50	1.50	Q930472	-0.005	80	31	49	5

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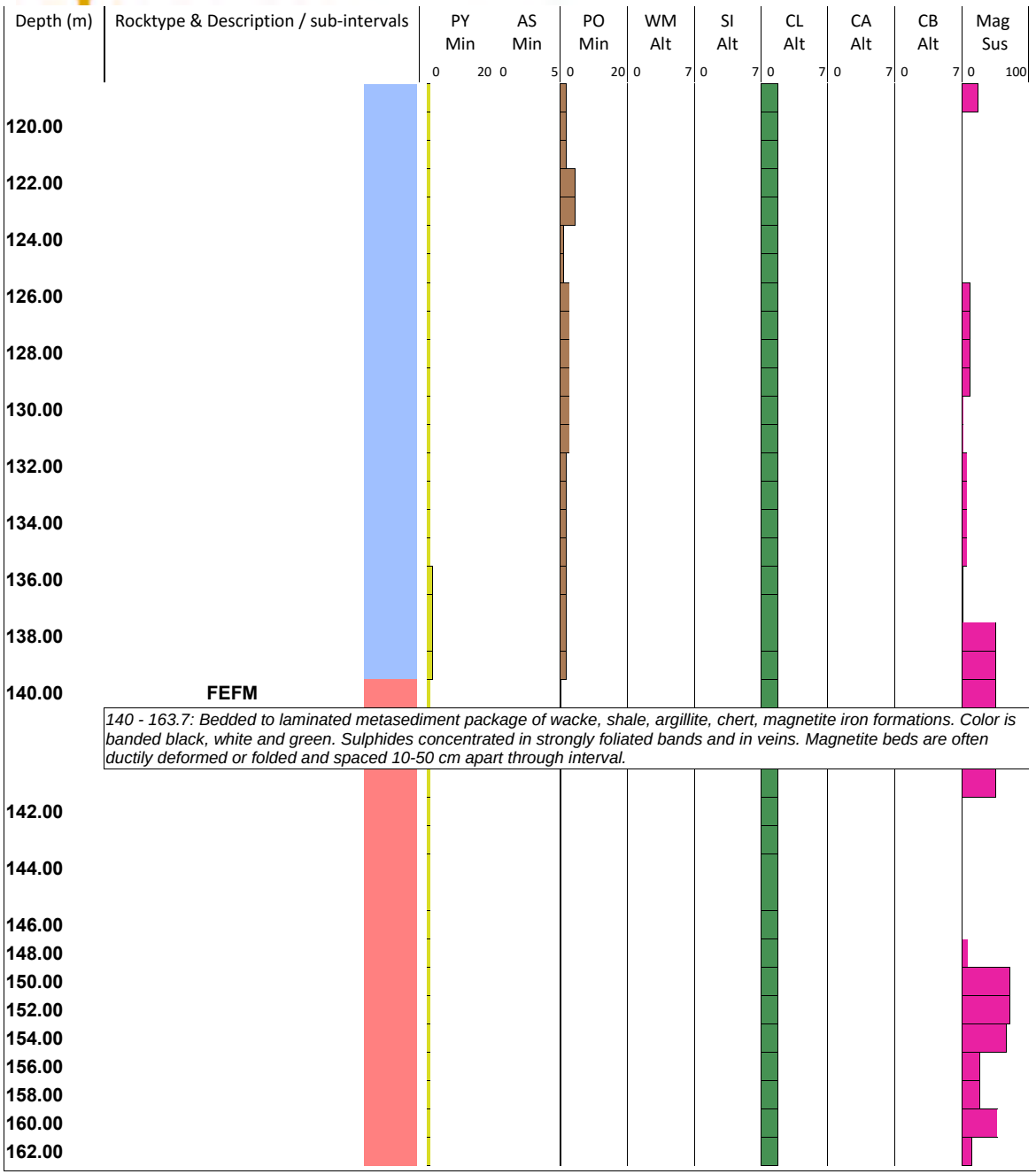
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-04



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
119.50	121.00	1.50	Q930473	-0.005	56	26	48	2
121.00	122.50	1.50	Q930474	-0.005	41	22	63	3
122.50	124.00	1.50	Q930475	0.006	41	41	56	3
124.00	125.50	1.50	Q930476	-0.005	46	5	40	-2
125.50	127.00	1.50	Q930477	0.005	753	23	72	2
127.00	128.50	1.50	Q930478	-0.005	72	53	103	2
128.50	130.00	1.50	Q930479	-0.005	46	34	98	2
130.00	131.50	1.50	Q930481	-0.005	24	28	71	2
131.50	133.00	1.50	Q930482	-0.005	14	11	53	2
133.00	134.50	1.50	Q930483	-0.005	97	22	56	2
134.50	136.00	1.50	Q930484	0.012	68	45	55	-2
136.00	137.50	1.50	Q930485	-0.005	14	22	55	-2
137.50	139.00	1.50	Q930486	-0.005	14	32	56	2
139.00	140.00	1.00	Q930487	-0.005	21	16	59	4
140.00	141.50	1.50	Q930488	-0.005	9	55	48	3
141.50	143.00	1.50	Q930489	-0.005	19	31	51	2
143.00	144.50	1.50	Q930491	-0.005	29	29	47	-2
144.50	146.00	1.50	Q930492	-0.005	15	38	63	2
146.00	147.50	1.50	Q930493	-0.005	9	33	53	2
153.00	154.50	1.50	Q930494	-0.005	7	42	60	4
162.00	163.50	1.50	Q930495	-0.005	4	33	49	5

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GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-04

Depth (m)	Rocktype & Description / sub-intervals	PY Min 0 20	AS Min 0 5	PO Min 0 20	WM Alt 0 7	SI Alt 0 7	CL Alt 0 7	CA Alt 0 7	CB Alt 0 7	Mag Sus 0 100
164.00										
	164.5 - 174: Bedded to laminated metasediment package of wacke, shale, argillite, chert, magnetite iron formations. Color is banded black, white and green. Sulphides concentrated in strongly foliated bands and in veins. Magnetite beds are often [illegible] folded and spaced 10-50 cm apart through interval.									
166.00										
168.00										
170.00										
172.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
165.08	166.58	1.50	Q930496	-0.005	2	50	53	2
172.50	174.00	1.50	Q930497	-0.005	8	37	58	-2

End of Hole @ 174

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GeoSpark Logger ~ Drill Log

Project: Savant Lake **Hole Number:** NDR17-05

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	3/26/2017
UTM Easting:	680140	Core Size:	NQ	Azimuth:	140	Date Logging Complete:	3/28/2017
UTM Northing:	5596870	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	403	Casing Depth (m):	4	Length (m):	150	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279406	Drill Started:	3/25/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/27/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-05 targets airborne conductor 8B, a steep SE to vertical dipping conductive anomaly. The top of this hole intersected a pebble conglomerate that consisted of felsic porphyry and cherty clasts which may be representative of a near distal volcanic environment. The drill hole passed into a succession of turbidite sediments consisting of finely laminated and bedded greywacke and argillite. The turbidite succession hosts a 37 m thick interval of greywacke and iron formation from 93 m. This interval was strongly chlorite altered and contained strong pyrrhotite and lesser pyrite mineralization in foliation parallel bands and cross-cutting veins. Cross-cutting and overprinting textures observed in sections of the core suggest that pyrite mineralization post-dated pyrrhotite mineralization. Overall, sulphide mineralization favours greywacke layers and iron formation. Sulphide mineralization is concentrated in high strain foliation bands and is interpreted to be the product of hydrothermal alteration. The iron formation is locally folded by M-style parasitic folds, characteristic of a fold hinge. The lower extent of this iron formation interval is cross-cut by 5-10 % quartz-carbonate veins. No significant sulphide mineralization is associated with these quartz veins. However, the wallrock and inclusions within the quartz veins are intensely chlorite altered. The hole ends with another sequence of bedded turbidite with tops facing downhole. This lower sequence of turbidite contains minor lenses of pyrrhotite-sulphidized iron formation.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	141			GPS	Dave Nuttall	3/25/2017		☑	
51	-45.6	130.8	-3.1	127.7	EZShot	Dave Nuttall	3/25/2017	54491	☐	
102	-44.7	154.6	-3.1	151.5	EZShot	Dorado	3/26/2017	58884	☐	
150	-43	179.8	-3.1	176.7	EZShot	Dorado	3/26/2017	20591	☐	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**3.36**	**OVBN Overburden**									
3.36	**87.00**	**FVOL Felsic Metavolcanic dark grey FCG**	4.60	6.10	1.50	Q930498	-0.005	4	6	131	-2
3.36 - 87: Dark grey (locally green grey), clast supported, poorly sorted, pebble lithic conglomerate of felsic porhyry and lesser clasts of white chert. Clasts are sub-angular to sub-rounded, elongated along foliation axis. Interval is moderately foliated (alpha average ~20-30 degrees).											
<<Min: 3.36 - 85.6 0.5% pyrite>>			9.50	11.00	1.50	Q930499	-0.005	5	6	175	-2
<<Min: 63 - 85.6 0.5% pyrrhotite>>			11.00	12.50	1.50	Q930501	-0.005	4	6	115	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: Savant Lake **Hole Number:** NDR17-05

From (m)	To (m)	Rocktype & Description
		<<Min: 85.6 - 109.9 12% pyrrhotite>> Primarily foliation parallel semi-massive bands of pyrrhotite parallel to subparallel with bedding cleavage. Pyrrhotite also occurs as irregular fracture fill in tensional veins and extensional veins
		<<Min: 86.6 - 90 4% pyrite>> medium to coarse grained pyrite aggregates selectively mineralizing greywacke layers of turbidite sequence.
		<<Alt: 3.36 - 85.6 Weak Chlorite >> Pervasive chlorite alteration of matrix in felsic volcanic conglomerate.
		<<Alt: 85.6 - 93 Moderate Chlorite >> Chlorite alteration favorably alters argillite bands in greywacke-silt turbidites.
		<<Vein: 4.6 - 10.1 1% Quartz>> Pink colored veins, foliation parallel, sericite alteration proximal and minor pyrite. Chlorite along vein walls. Chlorite proximal to veins as well. Veins are 0.5-1 cm wide spaced meters apart.
		<<Vein: 18.25 - 18.3 50% Quartz 20 deg. >>
		<<Vein: 39 - 85.6 2% Quartz 30 deg. >> 0.5-2 cm wide quartz veins, predominantly foliation parallel, spaced meters apart.
		<<Vein: 85.6 - 93 10% Quartz 45 deg. >> 0.6 cm to 1 cm qtz veins appx 30 cm to 50 cm apart. Bedding parallel and sub-parallel quartz veining. Discordant quartz veins parallel to core axis.
		<<Vein: 85.6 - 93 3% Calcite 20 deg. >> 2-3 mm wide calcite stringers parallel and cross-cutting bedding cleavage. Stringy calcite veins with diffuse outlines cross-cutting quartz veins.
		<<Struc: 22.3 - 22.3 Moderate Foliated>>
		<<Struc: 32.3 - 32.3 Moderate Foliated>>
		<<Struc: 40.2 - 40.2 Moderate Foliated>>
		<<Struc: 49.9 - 49.9 Moderate Foliated>>
		<<Struc: 64.4 - 64.4 Moderate Foliated>>
		<<Struc: 75.1 - 75.1 Veining - fracture fill>> bedding parallel calcite vein
		<<Struc: 80.8 - 80.8 Veining - fracture fill>> quartz vein parallel to foliation
		<<Struc: 82.8 - 82.8 Veining - fracture fill>> discordant quartz vein.
		<<Struc: 86.8 - 86.8 Veining - fracture fill>> pyrite mineralization along selvedge of fracture parallel to foliation
87.00	**93.00**	**GRWK Greywacke medium grey MG**
		87 - 93: Medium grained greywacke interbedded with thin beds of siltstone. Greywacke contains 3-5 cm thick chert beds spaced 3 m and more apart The chert beds are locally broken and transposed in intervals of higher strain. Pyrite and pyrrhotite occurs as semi-massive bands sub-parallel to bedding in greywacke.
		<<Struc: 87.9 - 87.9 Bedded>> bedded greywacke and argillite
93.00	**130.30**	**FEFM Iron Formation dark grey FMG**
		93 - 130.3: 5 cm to 30 cm iron formation beds 10 cm to 100 cm apart in laminated argillite and greywacke.Argillite contains prphyroblasts of acicular calcite. Iron formation occurs as coarse grained, granular magnetite bands in greywacke near lower contact of ferrugenous sediment package.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
18.00	19.00	1.00	Q930502	-0.005	6	6	107	-2
28.00	29.00	1.00	Q930503	-0.005	2	8	100	-2
32.00	33.00	1.00	Q930504	-0.005	3	6	107	-2
37.00	38.00	1.00	Q930505	-0.005	3	11	107	-2
40.00	41.50	1.50	Q930506	-0.005	3	8	92	-2
44.74	46.00	1.26	Q930507	-0.005	3	46	245	-2
52.00	53.00	1.00	Q930508	-0.005	4	7	152	-2
53.00	54.00	1.00	Q930509	-0.005	6	15	142	-2
54.00	55.00	1.00	Q930511	-0.005	3	8	104	-2
62.00	63.00	1.00	Q930512	-0.005	3	16	243	-2
66.00	67.50	1.50	Q930513	-0.005	6	5	107	-2
82.00	83.50	1.50	Q930514	-0.005	4	17	106	4
83.50	85.00	1.50	Q930515	-0.005	2	15	139	4
85.00	85.60	0.60	Q930516	-0.005	4	5	161	5
85.60	87.00	1.40	Q930517	-0.005	3	25	157	4
87.00	88.50	1.50	Q930518	-0.005	3	28	86	4
88.50	89.00	0.50	Q930519	-0.005	9	14	78	4
89.00	90.50	1.50	Q930521	-0.005	3	29	62	7
90.50	92.00	1.50	Q930522	-0.005	4	34	81	3
92.00	93.00	1.00	Q930523	-0.005	6	14	58	4
93.00	94.50	1.50	Q930524	-0.005	3	27	30	10

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GeoSpark Logger ~ Drill Log

Project: Savant Lake **Hole Number:** NDR17-05

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Min: 95.6 - 96.3 7% pyrite>> medium to coarse grained aggregates of pyrite in bands and disseminations in greywacke layers of turbidite sequence.	94.50	96.00	1.50	Q930525	-0.005	2	39	22	10
		<<Min: 102.6 - 109.9 2% pyrite>> coarse grained pyrite occurring as aggregates along fractures. Pyrite cross-cuts and overprints pyrrhotite mineralization. Pyrite mineralization zones are narrow and widely spaced, 5-15 cm wide, spaced 3-6 m apart.	96.00	97.50	1.50	Q930526	-0.005	2	32	38	7
		<<Min: 109.9 - 130.3 5% pyrrhotite>> pyrrhotite occurs in interconnected tensional gashes cross-cutting bedding and foliation.	97.50	99.00	1.50	Q930527	-0.005	3	13	47	9
		<<Min: 117 - 119 1% pyrite>> 4-8 mm wide pyrite veinlets in extensional veins and tension gashes.pyrite intergrown with pyrrhotite in wider extensional veins.	99.00	100.50	1.50	Q930528	-0.005	4	9	47	7
		<<Alt: 93 - 110 Strong Chlorite >> Strong, pervasive alteration of ferruginous sediments and argillite in tubidite sequence. Greywacke moderately to strongly chlorite altered.	100.50	102.00	1.50	Q930529	-0.005	-2	36	38	9
		<<Alt: 93 - 110 Weak to moderate Calcite>> Disseminated, acicular calcite overprinting of strong chlorite alteration in iron formation and argillite layers of turbidite sequence.	102.00	102.60	0.60	Q930531	-0.005	2	18	39	7
		<<Alt: 110 - 130.3 Moderate Chlorite >> Pervasive chlorite alteration of argillite bands in turbidite sequence.	102.60	104.00	1.40	Q930532	-0.005	-2	28	28	7
		<<Alt: 110 - 130.3 Weak Calcite>> Medium grained disseminations of calcite overprinting intervals of chlorite alteration in argillite layers of turbidite sequence.	104.00	105.50	1.50	Q930533	-0.005	3	19	35	9
		<<Vein: 93 - 117 15% Quartz>> bedding cleavage parallel quartz-calcite veins transposed across foliation.	105.50	107.00	1.50	Q930534	-0.005	5	98	31	6
		<<Vein: 93 - 117 Calcite 32 deg. >> sheeted, foliation parallel calcite veinlets	107.00	108.50	1.50	Q930535	-0.005	-2	36	51	8
		<<Vein: 117 - 128 15% Quartz 15 deg. >> 2-3 cm undulatory quartz eins cutting foliation and bedding in greywacke. Quartz veins occur as tension gashes in iron formation layers. 15 cm wide, discordant quartz-calcite vein with strong chlorite alteration of wallrock inclusions at 127.4 m.	108.50	109.00	0.50	Q930536	-0.005	-2	67	30	9
		<<Vein: 117 - 128 3% Calcite 60 deg. >> 1 mm sheeted calcite veins cross-cutting folation and discordant ~20-25 CA angle quartz veins.	109.00	109.90	0.90	Q930537	-0.005	2	46	29	7
		<<Vein: 128 - 150 8% Quartz 30 deg. >> sheeted quartz-carbonate veins 1 cm wide cross-cutting bedding and foliation. Lesser discordant veins, ~ 10% of quartz vein types with irregular vein margins.	109.90	111.00	1.10	Q930538	-0.005	7	-1	42	2
		<<Vein: 128 - 150 1% Calcite 35 deg. >> crenulated calcite stringers parallel to bedding cleaage.	111.00	112.50	1.50	Q930539	-0.005	3	14	35	3
		<<Struc: 97.4 - 97.4 Veining - fracture fill>> tension gash cross-cut bedding	112.50	114.00	1.50	Q930541	-0.005	2	28	22	6
		<<Struc: 101.2 - 101.2 Bedded>> laminated bedding	114.00	115.50	1.50	Q930542	-0.005	8	-1	53	2
		<<Struc: 104 - 104 Veining - fracture fill>> quartz vein	115.50	117.00	1.50	Q930543	-0.005	6	7	63	4
		<<Struc: 106.5 - 110.6 Folded>> m-fold	117.00	118.00	1.00	Q930544	-0.005	5	20	38	6
		<<Struc: 108.7 - 108.7 Veining - fracture fill>> pyrrhotite veins	118.00	119.00	1.00	Q930545	-0.005	3	42	50	5
		<<Struc: 110 - 110 Veining - fracture fill>> calcite veinlets	119.00	120.50	1.50	Q930546	-0.005	3	34	23	6
		<<Struc: 112.4 - 112.4 Veining - fracture fill>> pyrrhotite bands parallel to bedding and foliation	120.50	122.00	1.50	Q930547	-0.005	-2	6	60	2
		<<Struc: 119.6 - 119.6 Veining - fracture fill>> quartz vein	122.00	123.50	1.50	Q930548	-0.005	7	16	35	4
		<<Struc: 122.2 - 122.2 shear>> transposed chert beds.	125.00	126.00	1.00	Q930549	-0.005	3	57	65	5
		<<Struc: 127.4 - 127.4 Veining - fracture fill>> 15 cm wide quartz-calcite vein with strong chlorite alteration	126.00	127.50	1.50	S193951	-0.005	-2	63	39	2
			127.50	128.00	0.50	S193952	-0.005	-2	13	44	-2
			128.00	129.50	1.50	S193953	-0.005	4	54	55	-2

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-05**

From (m)	To (m)	Rocktype & Description
130.30	**150.00**	**GRWK Greywacke medium grey MG**

130.3 - 150: Graded interbedded greywacke and siltstone. Greywacked contains 5 cm to 10 cm layers of iron formation with semi-massive pyrite and lesser pyrrhotite spaced 10 m to 25 m apart.

<<Min: 136.5 - 137 3% pyrrhotite>> pyrrhotite occurs as connected network of tension gashes in minor iron formation layer.

<<Min: 149.5 - 150 3% pyrrhotite>> pyrrhotite occurs as connected network of tension gashes in minor iron formation layer.

<<Alt: 130.3 - 139 Weak to moderate Chlorite >> Pervasive weak chlorite alteration throughout turbidite sequence. Moderate chlorite alteration in 5 cm to 10 cm intervals of semi-massie sulphides with cross-cutting and foliation parallel carbonate veins.

<<Alt: 130.3 - 139 Weak Calcite>> fine to medium grained, porphyroblastic calcite within and peripheral to intervals of carbonate veining and semi-massive sulphide mineralization.

<<Alt: 139 - 150 Weak Chlorite >> Pervasive chlorite alteration in groundmass of turbidite sequence.

<<Struc: 131.7 - 131.7 Bedded>> graded bedding with up direction down hole

<<Struc: 140.7 - 140.7 Veining - fracture fill>> 1 cm wide quartz vein. Sheeted veins at 1 cm spacing for 50 cm veins cross-cut bedding.

<<Struc: 142.9 - 142.9 Bedded>> graded beds with up facing downhole

<<Struc: 149.6 - 149.6 Veining - fracture fill>> pyrrhotite veins parallel to bedding

End of Hole @ 150

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
129.50	130.30	0.80	S193954	-0.005	-2	38	48	-2
130.30	132.00	1.70	S193955	-0.005	3	17	62	3
135.00	136.50	1.50	S193956	-0.005	4	14	54	-2
136.50	137.00	0.50	S193957	-0.005	2	109	78	2
137.00	138.00	1.00	S193958	-0.005	-2	6	78	-2
138.00	139.00	1.00	S193959	-0.005	2	36	69	-2
139.00	140.50	1.50	S193961	-0.005	5	10	57	2
148.00	149.50	1.50	S193962	-0.005	9	52	91	-2
149.50	150.00	0.50	S193963	-0.005	-2	70	86	-2

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GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-05

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Dave Nuttall
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	3/26/2017
UTM Easting:	680140	Core Size:	NQ	Azimuth:	140	Date Logging Complete:	3/28/2017
UTM Northing:	5596870	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	403	Casing Depth (m):	4	Length (m):	150	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279406	Drill Started:	3/25/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma`s Lodge	Drill Completed:	3/27/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-05 targets airborne conductor 8B, a steep SE to vertical dipping conductive anomaly. The top of this hole intersected a pebble conglomerate that consisted of felsic porphyry and cherty clasts which may be representative of a near distal volcanic environment. The drill hole passed into a succession of turbidite sediments consisting of finely laminated and bedded greywacke and argillite. The turbidite succession hosts a 37 m thick interval of greywacke and iron formation from 93 m. This interval was strongly chlorite altered and contained strong pyrrhotite and lesser pyrite mineralization in foliation parallel bands and cross-cutting veins. Cross-cutting and overprinting textures observed in sections of the core suggest that pyrite mineralization post-dated pyrrhotite mineralization. Overall, sulphide mineralization favours greywacke layers and iron formation. Sulphide mineralization is concentrated in high strain foliation bands and is interpreted to be the product of hydrothermal alteration. The iron formation is locally folded by M-style parasitic folds, characteristic of a fold hinge. The lower extent of this iron formation interval is cross-cut by 5-10 % quartz-carbonate veins. No significant sulphide mineralization is associated with these quartz veins. However, the wallrock and inclusions within the quartz veins are intensely chlorite altered. The hole ends with another sequence of bedded turbidite with tops facing downhole. This lower sequence of turbidite contains minor lenses of pyrrhotite-sulphidized iron formation.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	141			GPS	Dave Nuttall	3/25/2017		☑	
51	-45.6	130.8	-3.1	127.7	EZShot	Dave Nuttall	3/25/2017	54491	☐	
102	-44.7	154.6	-3.1	151.5	EZShot	Dorado	3/26/2017	58884	☐	
150	-43	179.8	-3.1	176.7	EZShot	Dorado	3/26/2017	20591	☐	

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0–20)	AS Min (0–5)	PO Min (0–20)	WM Alt (0–7)	SI Alt (0–7)	CL Alt (0–7)	CA Alt (0–7)	CB Alt (0–7)	Mag Sus (0–100)
0.00	**OVBN**									
2.00										
4.00	**FVOL**									
	3.36 - 87: Dark grey (locally green grey), clast supported, poorly sorted, pebble lithic conglomerate of felsic porhyry and lesser clasts of white chert. Clasts are sub-angular to sub-rounded, elongated along foliation axis. Interval is moderately foliated (alpha average ~20-30 degrees).									
6.00										
8.00										
10.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
4.60	6.10	1.50	Q930498	-0.005	4	6	131	-2
9.50	11.00	1.50	Q930499	-0.005	5	6	175	-2

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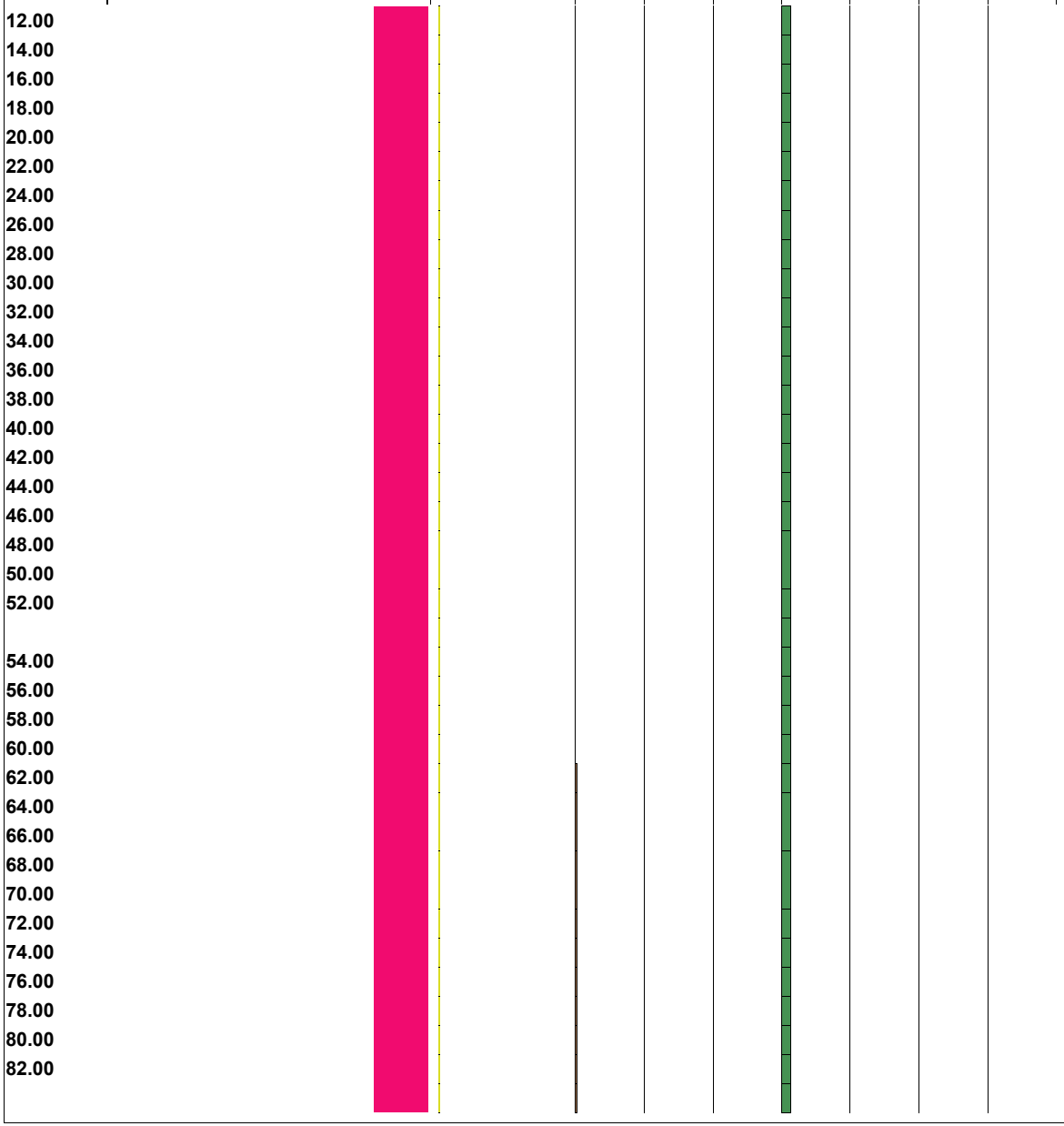
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-05



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
11.00	12.50	1.50	Q930501	-0.005	4	6	115	-2
18.00	19.00	1.00	Q930502	-0.005	6	6	107	-2
28.00	29.00	1.00	Q930503	-0.005	2	8	100	-2
32.00	33.00	1.00	Q930504	-0.005	3	6	107	-2
37.00	38.00	1.00	Q930505	-0.005	3	11	107	-2
40.00	41.50	1.50	Q930506	-0.005	3	8	92	-2
44.74	46.00	1.26	Q930507	-0.005	3	46	245	-2
52.00	53.00	1.00	Q930508	-0.005	4	7	152	-2
53.00	54.00	1.00	Q930509	-0.005	6	15	142	-2
54.00	55.00	1.00	Q930511	-0.005	3	8	104	-2
62.00	63.00	1.00	Q930512	-0.005	3	16	243	-2
66.00	67.50	1.50	Q930513	-0.005	6	5	107	-2
82.00	83.50	1.50	Q930514	-0.005	4	17	106	4
83.50	85.00	1.50	Q930515	-0.005	2	15	139	4

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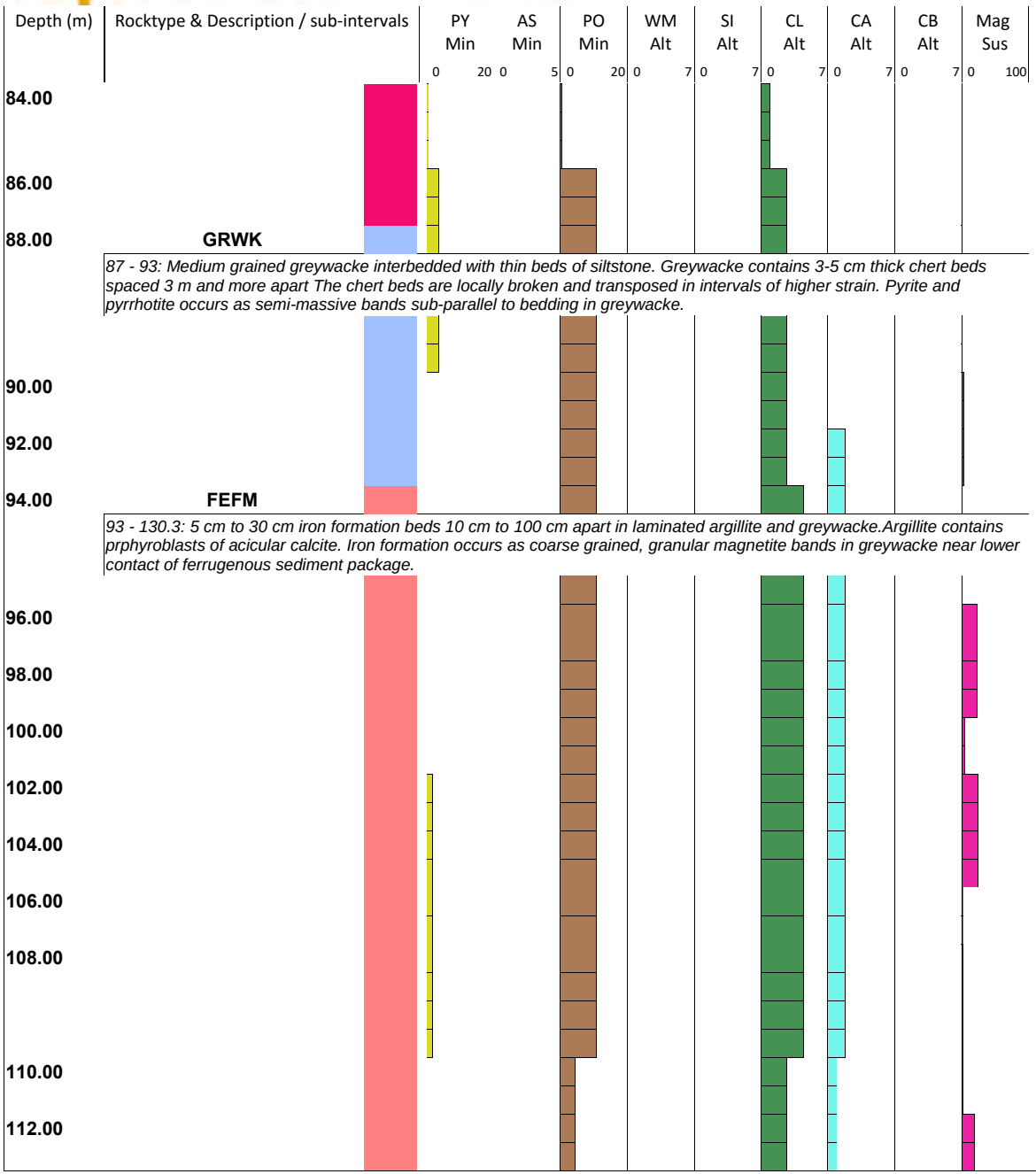
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-05



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
85.00	85.60	0.60	Q930516	-0.005	4	5	161	5
85.60	87.00	1.40	Q930517	-0.005	3	25	157	4
87.00	88.50	1.50	Q930518	-0.005	3	28	86	4
88.50	89.00	0.50	Q930519	-0.005	9	14	78	4
89.00	90.50	1.50	Q930521	-0.005	3	29	62	7
90.50	92.00	1.50	Q930522	-0.005	4	34	81	3
92.00	93.00	1.00	Q930523	-0.005	6	14	58	4
93.00	94.50	1.50	Q930524	-0.005	3	27	30	10
94.50	96.00	1.50	Q930525	-0.005	2	39	22	10
96.00	97.50	1.50	Q930526	-0.005	2	32	38	7
97.50	99.00	1.50	Q930527	-0.005	3	13	47	9
99.00	100.50	1.50	Q930528	-0.005	4	9	47	7
100.50	102.00	1.50	Q930529	-0.005	-2	36	38	9
102.00	102.60	0.60	Q930531	-0.005	2	18	39	7
102.60	104.00	1.40	Q930532	-0.005	-2	28	28	7
104.00	105.50	1.50	Q930533	-0.005	3	19	35	9
105.50	107.00	1.50	Q930534	-0.005	5	98	31	6
107.00	108.50	1.50	Q930535	-0.005	-2	36	51	8
108.50	109.00	0.50	Q930536	-0.005	-2	67	30	9
109.00	109.90	0.90	Q930537	-0.005	2	46	29	7
109.90	111.00	1.10	Q930538	-0.005	7	-1	42	2
111.00	112.50	1.50	Q930539	-0.005	3	14	35	3
112.50	114.00	1.50	Q930541	-0.005	2	28	22	6

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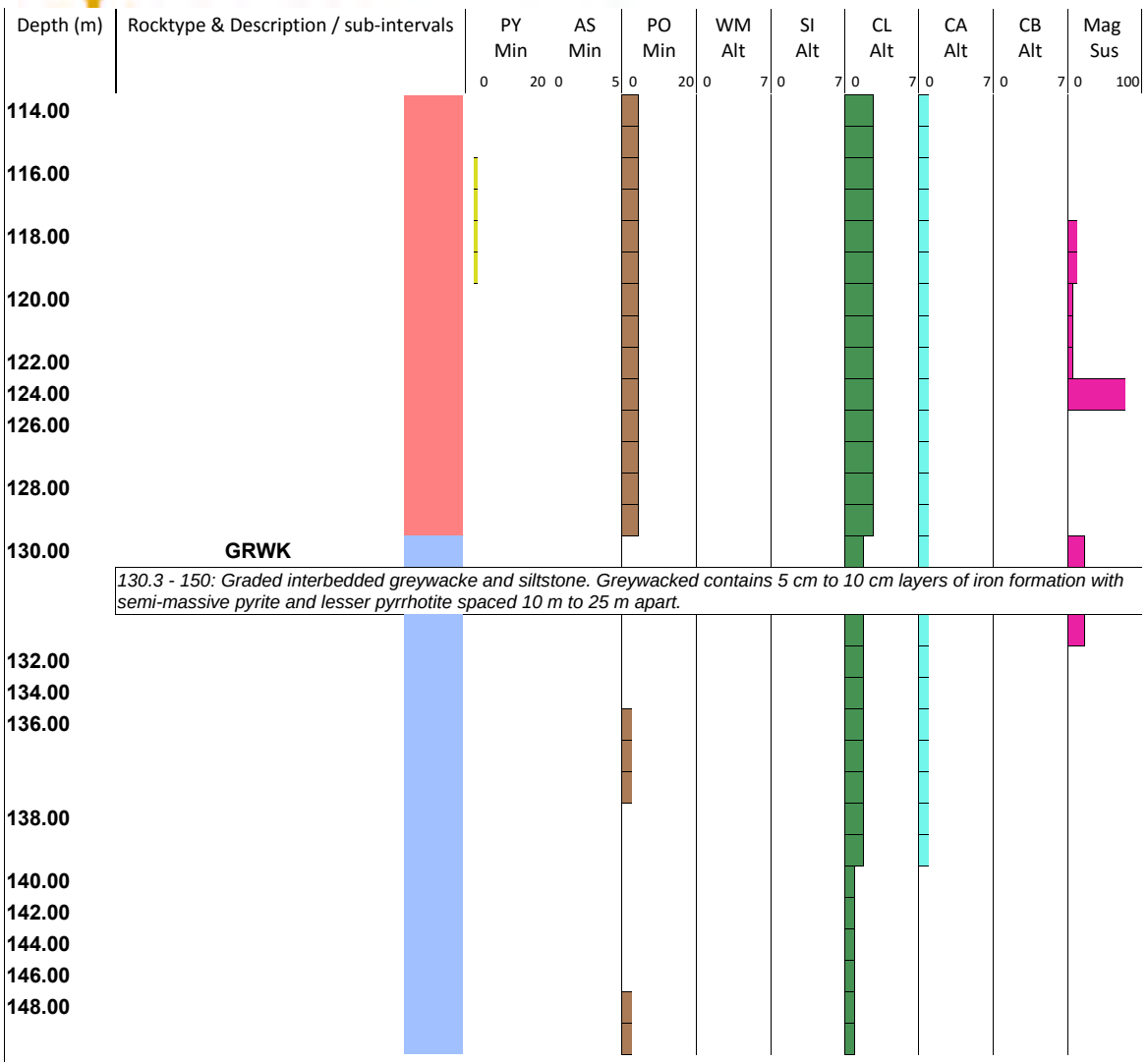
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-05



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
114.00	115.50	1.50	Q930542	-0.005	8	-1	53	2
115.50	117.00	1.50	Q930543	-0.005	6	7	63	4
117.00	118.00	1.00	Q930544	-0.005	5	20	38	6
118.00	119.00	1.00	Q930545	-0.005	3	42	50	5
119.00	120.50	1.50	Q930546	-0.005	3	34	23	6
120.50	122.00	1.50	Q930547	-0.005	-2	6	60	2
122.00	123.50	1.50	Q930548	-0.005	7	16	35	4
125.00	126.00	1.00	Q930549	-0.005	3	57	65	5
126.00	127.50	1.50	S193951	-0.005	-2	63	39	2
127.50	128.00	0.50	S193952	-0.005	-2	13	44	-2
128.00	129.50	1.50	S193953	-0.005	4	54	55	-2
129.50	130.30	0.80	S193954	-0.005	-2	38	48	-2
130.30	132.00	1.70	S193955	-0.005	3	17	62	3
135.00	136.50	1.50	S193956	-0.005	4	14	54	-2
136.50	137.00	0.50	S193957	-0.005	2	109	78	2
137.00	138.00	1.00	S193958	-0.005	-2	6	78	-2
138.00	139.00	1.00	S193959	-0.005	2	36	69	-2
139.00	140.50	1.50	S193961	-0.005	5	10	57	2
148.00	149.50	1.50	S193962	-0.005	9	52	91	-2
149.50	150.00	0.50	S193963	-0.005	-2	70	86	-2

End of Hole @ 150

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-06**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	3/29/2017
UTM Easting:	678285	Core Size:	NQ	Azimuth:	0	Date Logging Complete:	3/31/2017
UTM Northing:	5594670	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	402	Casing Depth (m):	3.5	Length (m):	206	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279403	Drill Started:	3/27/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	3/29/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-06 is an exploration hole targeting modeled EM conductor 23. The conductor lies at the boundary of a high and low magnetic intensity and an interpreted shear structure (Sanborne-Barrie, 2000). The drill hole started in a thick argillite-dominant turbidite sequence with lesser greywacke and iron formation interbeds. Iron formation beds are 5-30 cm thick, in intervals 6-9 m apart. The drill hole continues into a montonous plagioclase phyric basalt. The basalt is cross-cut by narrow pink, quartz-carbonate veins that may contain disseminated pyrite and tourmaline. At 140.5 m the hole intersects a narrow interval of iron formation in black argillite. The contact between the iron formation and basalt is characterized by localized pyrrhotite bands and pyrite in foliation cleavages. The hole continues into an argillite-dominant turbidite and ends in a greywacke-dominant turbidite. Graded bedding and flame structures in the greywacke-dominant turbidite indicate tops down and overturned stratigraphy in this part of the hole.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	0			GPS	Daniel Lui	3/23/2017		☐	
50	-43.6	359.5	-3.1	356.4	EZShot	Daniel Lui	3/27/2017	54421	☐	
101	-42.4	356.5	-3.1	353.4	EZShot	Daniel Lui	3/28/2017	55830	☐	
152	-41.3	353.9	-3.1	350.8	EZShot	Daniel Lui	3/28/2017	55347	☐	
200	-39.8	353.2	-3.1	350.1	EZShot	Daniel Lui	3/29/2017	55107	☑	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**80.20**	**SLTS Siltstone black FG**	5.00	6.00	1.00	s193964	-0.005	3	45	53	-2
0 - 80.2: black siltstone interbedded with greywacke, approximately 90 % siltstone, 10 % greywacke. Siltstone contains moderately thick beds of iron formation 5 cm to 50 cm thick, evenly spaced 3 m to 6 m apart. Iron formation constitues approximately 30 % of siltstone layers in sedimentary package.											
		<<Min: 26 - 26.5 0.5% pyrite>> coarse grained pyrite in stringer calcite veins along foliation cleavage in siltstone.	10.00	11.00	1.00	s193965	-0.005	3	86	74	2
		<<Min: 30.5 - 34 1% pyrite>> coarse grained pyrite confined to foliation cleavage of siltstone in interval of strong quartz-calcite veining with locally weak to moderate chlorite alteration. PY mineralized bands in foliation cross-cut by quartz veins with no sulphide mineralization.	15.00	16.00	1.00	s193966	-0.005	4	50	50	-2
		<<Min: 49 - 50 0.5% pyrite>> pyrite in foliation cleavage of siltstone.	20.00	21.00	1.00	s193967	-0.005	7	73	72	-2
		<<Min: 69 - 70 0.5% pyrite>> pyrite in foliation cleavage of siltstone.	25.00	26.00	1.00	s193968	-0.005	7	59	68	-2

From (m)	To (m)	Rocktype & Description
		<<Alt: 0 - 59 Weak Chlorite >> trace to weak chlorite alteration in groundmass of siltstone and greywacke. Chlorite alteration more concentrated in sedimentary intervals containing iron formation layers.
		<<Alt: 5 - 11 Weak Calcite>> patchy intervals of chlorite alteration primarily in siltsone layers. Calcite occurs as deformed "spots" with diffuse margins.
		<<Alt: 43 - 45.5 Weak Tourmaline>> Suspect tourmaline alteration in weakly developed crackle breccia in siltstone containing iron formation.
		<<Alt: 59 - 62 Weak Chlorite >> minor chlorite selvedges 1-3 cm wide along quartz veins.
		<<Alt: 72.5 - 75 Weak to moderate Chlorite >> localized chlorite alteraton along vein margins of foliation parallel veins.
		<<Vein: 0 - 3.5 2% Calcite 40 deg. >> 3 mm to 10 mm wide calcite vens parallel to bedding foliation.1 cm wide veins brecciate host rock with vein supported fragments.
		<<Vein: 3.5 - 18 1% Calcite 42 deg. >> hairline calcite-quartz veins parallel to foliation.
		<<Vein: 18 - 21.5 3% Calcite 40 deg. >> 4 to 20 mm wide calcite-quartz veins.
		<<Vein: 21.5 - 28.5 1% Calcite 53 deg. >> hairline calcite-quartz veins parallel to foliation.
		<<Vein: 28.5 - 33.5 5% Calcite 50 deg. >> 5 mm to 13 mm wide calcite-quartz veins with granular pyrite mineralization along foliation cleavage.
		<<Vein: 33.5 - 43 1% Calcite 59 deg. >> hairline calcite-quartz veins parallel to foliation.
		<<Vein: 43 - 46 4% Calcite 53 deg. >> 5 mm to 13 mm wide calcite-quartz veins parallel to foliation. Narrow 1-5 mm chlorite selvedges along vein margins.
		<<Vein: 46 - 59.2 1% Calcite 52 deg. >> hairline calcite-quartz veins parallel to foliation.
		<<Vein: 59.2 - 63.8 7% Quartz 55 deg. >> 1 cm to 3 cm wide quartz-calcite veins with narrow chlorite envelopes.
		<<Vein: 63.8 - 69 3% Calcite 60 deg. >> 3 mm to 13 mm wide calcite veins with 1 cm to 3 cm wide pyrite halo peripheral to veins.
		<<Vein: 69 - 72.5 1% Calcite 50 deg. >> hairline calcite-quartz veins parallel to foliation
		<<Vein: 72.5 - 77 2% Calcite 54 deg. >> localized intervall approximately 30 cm wide of 0.5 to 1 cm wide quartz-calcite veins.
		<<Vein: 77 - 80.2 1% Calcite 60 deg. >> hairline calcite-quartz veins parallel to foliation.
		<<Struc: 3.3 - 3.3 Veining - fracture fill>> quartz-calcite vein in siltstone parallel to foliation.
		<<Struc: 9.82 - 9.82 Foliated>> foliated siltstone with calcite veins in foliation cleavage.
		<<Struc: 17.3 - 17.56 Folded>> folded banded iron formation in siltstone.
		<<Struc: 20.21 - 20.21 Veining - fracture fill>> quartz-calcite vein parallel to foliation cleavage
		<<Struc: 25.75 - 25.75 Veining - fracture fill>> calcite vein cross-cutting foliation in siltstone
		<<Struc: 33.3 - 33.5 Bedded>> banded iron formation bedding in siltstone
		<<Struc: 39.1 - 39.1 Veining - fracture fill>> calcite vein parallel to foliation cleavage
		<<Struc: 44.02 - 44.09 Bedded>> banded iron formation bedding in siltstone
		<<Struc: 51.52 - 51.52 Bedded>> iron formation bed in siltstone
		<<Struc: 59.28 - 59.28 Veining - fracture fill>> 3 cm wide quartz-calcite vein

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
26.00	26.50	0.50	s193969	-0.005	10	65	70	-2
26.50	27.50	1.00	s193971	-0.005	5	24	39	-2
29.50	30.50	1.00	s193972	-0.005	7	54	58	2
30.50	32.00	1.50	s193973	-0.005	7	80	70	-2
32.00	33.00	1.00	s193974	-0.005	5	39	53	-2
33.00	34.00	1.00	s193975	-0.005	5	55	54	-2
34.00	35.00	1.00	s193976	-0.005	10	78	79	-2
42.00	43.00	1.00	s193977	-0.005	3	45	63	-2
43.00	44.00	1.00	s193978	-0.005	2	67	59	-2
44.00	45.00	1.00	s193979	-0.005	6	89	81	-2
48.00	49.00	1.00	s193981	-0.005	10	71	78	-2
49.00	50.00	1.00	s193982	-0.005	10	70	82	2
50.00	51.00	1.00	s193983	-0.005	9	65	73	-2
58.00	59.00	1.00	s193984	-0.005	-2	53	62	-2
59.00	60.00	1.00	s193985	-0.005	2	33	87	2
60.00	61.00	1.00	s193986	-0.005	6	63	85	-2
68.00	69.00	1.00	s193987	-0.005	2	30	52	-2
69.00	70.00	1.00	s193988	-0.005	8	51	62	-2
70.00	71.00	1.00	s193989	-0.005	5	68	74	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Struc: 62.3 - 62.3 Bedded>> graded bedding in greywacke to siltstone with up facing downhole.									
		<<Struc: 63.87 - 63.87 Veining - fracture fill>> calcite vein parallel to foliation.									
		<<Struc: 66.94 - 66.94 Bedded>> siltstone laminations in greywacke.									
80.20	**140.50**	**MVOL Mafic Metavolcanic black CG**	80.20	81.00	0.80	s193991	-0.005	11	68	98	3
		80.2 - 140.5: Plagoclase phyric basalt. Contains approx. 15 % phenocrysts.									
		<<Min: 80.2 - 82 0.5% pyrite>> f.g. disseminated pyrite in quartz-calcite veins.	81.00	81.50	0.50	s193992	-0.005	3	69	101	-2
		<<Min: 97 - 100 0.5% pyrite>> f.g. disseminated pyrite in quartz-calcite veins with localized chlorite alteration.	81.50	82.00	0.50	s193993	-0.005	6	72	103	-2
		<<Min: 121 - 123 0.5% pyrite>> f.g. disseminated py in quartz-calcite vns with chlorite alteration.	90.50	91.00	0.50	s193994	-0.005	10	75	100	2
		<<Min: 131 - 132.5 1% pyrite>> f.g. to m.g. py disseminated in quartz-calcite-tourmaline veins with localized chlorite alteration.	91.00	92.00	1.00	s193995	-0.005	8	112	90	-2
		<<Min: 134 - 140 1% pyrite>> diss m.g. pyrite in chloritic margin of calcite dominant veins.	92.00	93.00	1.00	s193996	-0.005	8	68	94	-2
		<<Min: 140 - 140.5 2% pyrite>> pyrite blebs and seams in basalt layers near contact with argillite down hole.	97.00	98.00	1.00	s193997	-0.005	8	66	96	-2
		<<Alt: 80.2 - 90.5 Weak Chlorite >> pervasive chlorite alteration in groundmass of basalt.	98.00	99.00	1.00	s193998	-0.005	7	47	87	-2
		<<Alt: 90.5 - 92 Moderate Epidote>> locally strong epidote alteration along vein margins.	99.00	100.00	1.00	s193999	-0.005	7	68	97	-2
		<<Alt: 90.5 - 92 Weak to moderate Chlorite >> local intervals of moderately strong chlorite alteration along vein margins.	103.00	104.00	1.00	s194201	-0.005	6	67	99	-2
		<<Alt: 92 - 98 Weak Chlorite >> pervasive chlorite alteration in groundmass of basalt.	104.00	105.00	1.00	s194202	-0.005	6	59	94	-2
		<<Alt: 98 - 99 Weak to moderate Chlorite >> local moderately strong chlorite alteration along vein margins.	105.00	106.00	1.00	s194203	-0.005	6	65	96	-2
		<<Alt: 99 - 109 Weak Chlorite >> pervasive chlorite alteration in groundmass of basalt.	108.70	110.00	1.30	s194204	-0.005	6	62	97	-2
		<<Alt: 104 - 105 Weak Epidote>> epidote alteration along margin of quartz-carbonate veins.	110.00	111.00	1.00	s194205	-0.005	6	77	101	-2
		<<Alt: 109 - 117 Weak to moderate Epidote>> 1 cm to 5 cm wide envelopes of epidote alteration along qz-cc veins.	111.00	112.40	1.40	s194206	-0.005	6	64	98	-2
		<<Alt: 109 - 117 Weak to moderate Chlorite >> local moderately strong chlorite alteration along quartz-calcite vein margins.	120.00	121.00	1.00	s194207	-0.005	10	56	93	-2
		<<Alt: 117 - 121 Weak Chlorite >> pervasive chlorite alteration in groundmass of basalt.	121.00	122.00	1.00	s194208	-0.005	10	50	87	-2
		<<Alt: 121 - 127.5 Weak to moderate Epidote>> intervals of locally intense epidote alteration along widely spaced quartz-calcite veins	122.00	123.00	1.00	s194209	-0.005	9	56	99	-2
		<<Alt: 121 - 127.5 Moderate Chlorite >> locally strong chlorite alteration along quartz-calcite vein margins.	123.00	124.00	1.00	s194211	-0.005	9	65	92	-2
		<<Alt: 127.5 - 131.5 Weak Chlorite >> pervasive chlorite alteration in groundmass of basalt.	131.00	131.50	0.50	s194212	-0.005	7	67	104	-2
		<<Alt: 131.5 - 140.5 Weak to moderate Chlorite >> local intervals of moderately strong chlorite alteration along vein selvedges.	131.50	132.00	0.50	s194213	-0.005	7	38	117	-2
		<<Vein: 80.2 - 83.3 3% Quartz 55 deg. >> networking pink quartz-dolomite veins 4 mm to 10 mm wide. Veins are both wormy with epidote selvedges and angular, smooth sided with weak chlorite alteration. Veins contain sparse pyrite mineralization, less than 0.5 % per vein.	132.00	132.50	0.50	s194214	-0.005	5	47	96	2
		<<Vein: 83.3 - 90.5 0.5% Quartz 28 deg. >> 4 mm wide planar calcite-quartz veins with irregular vein surfaces.	132.50	133.00	0.50	s194215	-0.005	8	60	97	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Vein: 90.5 - 92 3% Quartz 30 deg. >> networking pink quartz-doomitel veins 4 mm to 10 mm wide. Veins are both wormy with epidote selvedges and angular, smooth sided with weak chl alteration. Veins contain sparse pyrite mineralization, ~1 % of veins. 15 cm wide zone of epidote alteration in interval of higher density carbonate veining.	134.00	135.00	1.00	s194216	-0.005	11	61	111	-2
		<<Vein: 92 - 98 0.5% Calcite 47 deg. >> 4 mm wide planar veins widely spaced.	135.00	136.00	1.00	s194217	-0.005	9	63	101	-2
		<<Vein: 98 - 99 3% Calcite 10 deg. >> 4 mm wide planar quartz-calcite veins and sheared calcite>>quartz veins with chlorite envelope.	136.00	137.00	1.00	s194218	-0.005	3	62	107	2
		<<Vein: 99 - 121 4% Quartz 55 deg. >> networking quartz veins 4 mm to 10 mm wide. Veins are both wormy with epidote selvedges and planar, smooth sided with weak chlorite alteration. Veins contain sparse pyrite mineralization, ~1 % of veins. Quartz veins are tensional with opening and closure in same vein, indicating closed vein system.	137.00	138.00	1.00	s194219	-0.005	3	66	107	-2
		<<Vein: 121 - 132.5 4% Quartz 52 deg. >> planar quartz-calcite veins with irregular smooth surfaces. Veins zoned with quartz core, cc margin, tourmaline inclusion. Intervals of higher density veining approximately 2 m wide, 9 m apart. High density veining zones subject to epidote and chlorite alteration.	138.00	139.00	1.00	s194221	-0.005	2	50	116	-2
		<<Vein: 132.5 - 140.5 4% Calcite 54 deg. >> anastamosing, networking calcite-quartz veins with irregular vein surfaces. Localized chlorite alteration along vein margins.	139.00	140.00	1.00	s194222	-0.005	107	58	103	-2
		<<Struc: 80.75 - 80.75 Veining - fracture fill>> pink quartz-dolomite veins with trace pyrite.	140.00	140.50	0.50	s194223	-0.005	1465	60	105	-2
		<<Struc: 91.05 - 91.05 Veining - fracture fill>> quartz-calcite vein with epidote alteration envelope.									
		<<Struc: 98.3 - 98.3 Veining - fracture fill>> sheared quartz-calcite veins with chlorite alteration.									
		<<Struc: 109.89 - 109.89 Veining - fracture fill>> quartz-calcite vein with chlorite alteration									
		<<Struc: 122.32 - 122.32 Veining - fracture fill>> irregular, wormy quartz-calcite veins with chlorite and epidote alteration envelopes. Vein is approx 1 cm wide.									
		<<Struc: 132.08 - 132.08 Veining - fracture fill>> quartz-calcite vein with tourmaline and trace pyrite.									
		<<Struc: 135.05 - 135.05 Veining - fracture fill>> irregular, networking calcite-quartz veins. Approx 7 mm wide.									
140.50	**142.00**	**FEFM Iron Formation black VFG**	140.50	142.00	1.50	s194224	-0.005	434	46	71	-2
		140.5 - 142: iron formation within argillite and very fine grained sandstone. Iron formation beds are approximately 10 cm thick, consisting of magnetite and stringy pyrrhotite. Iron formation on contact between basalt up hole and argillite down-hole.									
		<<Min: 140.5 - 142 3% pyrrhotite>> pyrrhotite blebs and seams in argillite near contact with basalt up hole. Veins and sheared laminations of pyrrhotite in iron formation lenses.									
		<<Alt: 140.5 - 142 moderate to strong Chlorite >> pervasive chlorite alteration in argillite. Locally strong chlorite alteration in iron formation layers.									
		<<Vein: 140.5 - 142 7% Calcite 64 deg. >> sheared 3 to 10 mm wide quartz-calcite veins primarily concentrated in iron formation layers.									
		<<Struc: 140.58 - 140.58 lower contact>> contact between basalt and iron formation bearing argillite.									
142.00	**159.90**	**ARGL Argillite black VFG**	142.00	143.00	1.00	s194225	-0.005	16	61	68	-2
		142 - 159.9: monotonous succession of argillite with thin interbeds of very fine to fine grained greywacke. Approximately 80 % argillite with 20 % greywacke.									
		<<Min: 154.2 - 156 1% pyrite>> pyrite bands in argillite layers of turbidite sequence.	143.00	144.00	1.00	s194226	-0.005	28	52	49	-2

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GeoSpark Logger ~ Drill Log

Project: Savant Lake **Hole Number:** NDR17-06

From (m)	To (m)	Rocktype & Description
		<<Min: 154.2 - 156 1% pyrrhotite>> pyrrhotite bands in argillite layers of turbidite sequence.
		<<Alt: 142 - 160 Weak to moderate Chlorite >> pervasive weak chlorite alteration throughout argillite and greywacke. Wider intervals of moderate chlorite alteration aproximatley 6-9 m wide, spaced 3 to 6 m apart.
		<<Alt: 159.7 - 160.3 Moderate Silicification >> localized silica alteration of argillite along contact between argillite up hole and greywacke down hole.
		<<Vein: 142 - 154.2 1% Calcite 34 deg. >> hairline calcite veins parallel to bedding.
		<<Vein: 154.2 - 158.4 7% Calcite 50 deg. >> sheared 3 to 10 mm wide quartz-calcite veins in folded interval of sediments.
		<<Vein: 158.4 - 171.1 1% Calcite 59 deg. >> hairline calcite veins in bedding cleavage.
		<<Struc: 148.5 - 148.5 Bedded>> graded bedding with tops up hole in siltstone-greywacke.
		<<Struc: 157.29 - 157.29 Axial plane cleavage>> fold axis in argillite.
159.90	**206.00**	**GRWK Greywacke medium grey MG**
		159.9 - 206: greywacke with lesser argillite beds. Consists of approximately 86% greywacke and 15% argillite. Graded intervals indicate tops in the down hole direction. Some argillite intervals contain minor amounts of pyrite in thin, discontinuous laminae.
		<<Min: 171.1 - 182 1% pyrite>> pyrite bands in carbonate-quartz veins along bedding cleavage of turbidite sequence. Sulphide occurences are 5-10 cm thick, approximately 6 m apart.
		<<Min: 192 - 194 1% pyrite>> pyrite bands in sheared quartz-carbonate veins.
		<<Alt: 160 - 172.6 Weak Chlorite >> pervasive very weak chlorite alteration with increased intensity to weak chlorite through folded intervals and within argilite dominant intervals.
		<<Alt: 175.4 - 179 Weak to moderate Chlorite >> pervasive interval of moderately strong chlorite in argillite.
		<<Alt: 183 - 187.9 Moderate Chlorite >> pervasive chlorite alteraton in interval of folded argillite.
		<<Vein: 171.1 - 174.2 10% Quartz 40 deg. >> sheared and folded quartz-calcite veins.
		<<Vein: 174.2 - 180.5 0.5% Calcite 53 deg. >> hairline, sheeted calcite veins.
		<<Vein: 180.5 - 185 7% Quartz 55 deg. >> sheared and folded quartz-calcite veins .minor PY mineralization associated with sheared veins.
		<<Vein: 185 - 206 1% Calcite 67 deg. >> hairline calcite veins.
		<<Struc: 166.52 - 166.52 Veining - fracture fill>> calcite vein.
		<<Struc: 172.18 - 172.18 Axial plane cleavage>> folded quartz vein.
		<<Struc: 181.77 - 181.77 Veining - fracture fill>> sheared pyrite in calcite-quartz vein.
		<<Struc: 203.35 - 203.35 Bedded>> bedding in turbidite sequence.

End of Hole @ 206

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
153.00	154.20	1.20	s194227	-0.005	22	75	83	-2
154.20	155.00	0.80	s194228	-0.005	37	119	65	-2
155.00	156.00	1.00	s194229	-0.005	17	71	43	-2
156.00	157.50	1.50	s194231	-0.005	17	66	26	-2
157.50	158.40	0.90	s194232	0.005	27	30	35	-2
158.40	159.90	1.50	s194233	-0.005	29	70	82	-2
170.00	171.10	1.10	s194234	-0.005	16	43	70	-2
171.10	172.60	1.50	s194235	-0.005	15	71	64	2
172.60	174.20	1.60	s194236	-0.005	15	26	60	-2
175.40	176.00	0.60	s194237	-0.005	20	25	88	-2
176.00	177.50	1.50	s194238	-0.005	83	48	71	-2
177.50	179.00	1.50	s194239	-0.005	15	53	72	-2
179.00	180.50	1.50	s194241	-0.005	4	19	49	-2
180.50	182.00	1.50	s194242	-0.005	265	48	61	-2
182.00	183.00	1.00	s194243	-0.005	13	16	52	-2
191.00	192.00	1.00	s194244	-0.005	12	24	55	-2
192.00	193.00	1.00	s194245	-0.005	80	60	87	-2
193.00	194.00	1.00	s194246	-0.005	39	18	49	2

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GeoSpark Logger ~ Strip Log

Project: **Savant Lake** **Hole Number:** **NDR17-06**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	3/29/2017
UTM Easting:	678285	Core Size:	NQ	Azimuth:	0	Date Logging Complete:	3/31/2017
UTM Northing:	5594670	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	402	Casing Depth (m):	3.5	Length (m):	206	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279403	Drill Started:	3/27/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	3/29/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-06 is an exploration hole targeting modeled EM conductor 23. The conductor lies at the boundary of a high and low magnetic intensity and an interpreted shear structure (Sanborne-Barrie, 2000). The drill hole started in a thick argillite-dominant turbidite sequence with lesser greywacke and iron formation interbeds. Iron formation beds are 5-30 cm thick, in intervals 6-9 m apart. The drill hole continues into a montonous plagioclase phyric basalt. The basalt is cross-cut by narrow pink, quartz-carbonate veins that may contain disseminated pyrite and tourmaline. At 140.5 m the hole intersects a narrow interval of iron formation in black argillite. The contact between the iron formation and basalt is characterized by localized pyrrhotite bands and pyrite in foliation cleavages. The hole continues into an argillite-dominant turbidite and ends in a greywacke-dominant turbidite. Graded bedding and flame structures in the greywacke-dominant turbidite indicate tops down and overturned stratigraphy in this part of the hole.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-45	0			GPS	Daniel Lui	3/23/2017		☐	
50	-43.6	359.5	-3.1	356.4	EZShot	Daniel Lui	3/27/2017	54421	☐	
101	-42.4	356.5	-3.1	353.4	EZShot	Daniel Lui	3/28/2017	55830	☐	
152	-41.3	353.9	-3.1	350.8	EZShot	Daniel Lui	3/28/2017	55347	☐	
200	-39.8	353.2	-3.1	350.1	EZShot	Daniel Lui	3/29/2017	55107	☑	

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0–20)	AS Min (0–5)	PO Min (0–20)	WM Alt (0–7)	SI Alt (0–7)	CL Alt (0–7)	CA Alt (0–7)	CB Alt (0–7)	Mag Sus (0–100)	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**SLTS**																		
	0 - 80.2: black siltstone interbedded with greywacke, approximately 90 % siltstone, 10 % greywacke. Siltstone contains moderately thick beds of iron formation 5 cm to 50 cm thick, evenly spaced 3 m to 6 m apart. Iron formation constitues approximately 30 % of siltstone layers in sedimentary package.																		
2.00																			
4.00											5.00	6.00	1.00	s193964	-0.005	3	45	53	-2
6.00																			
8.00																			
10.00											10.00	11.00	1.00	s193965	-0.005	3	86	74	2
12.00																			
14.00											15.00	16.00	1.00	s193966	-0.005	4	50	50	-2

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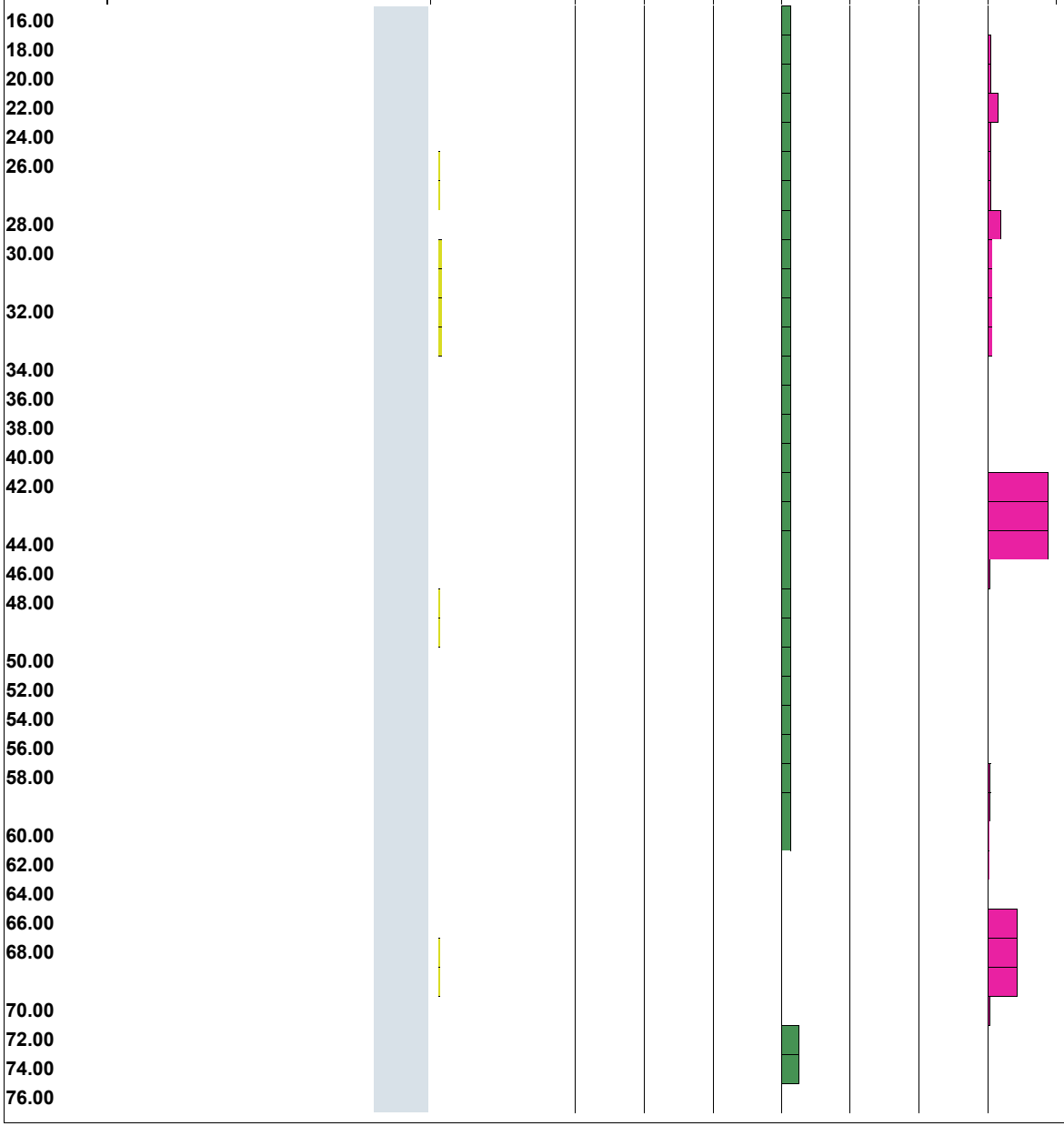
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-06

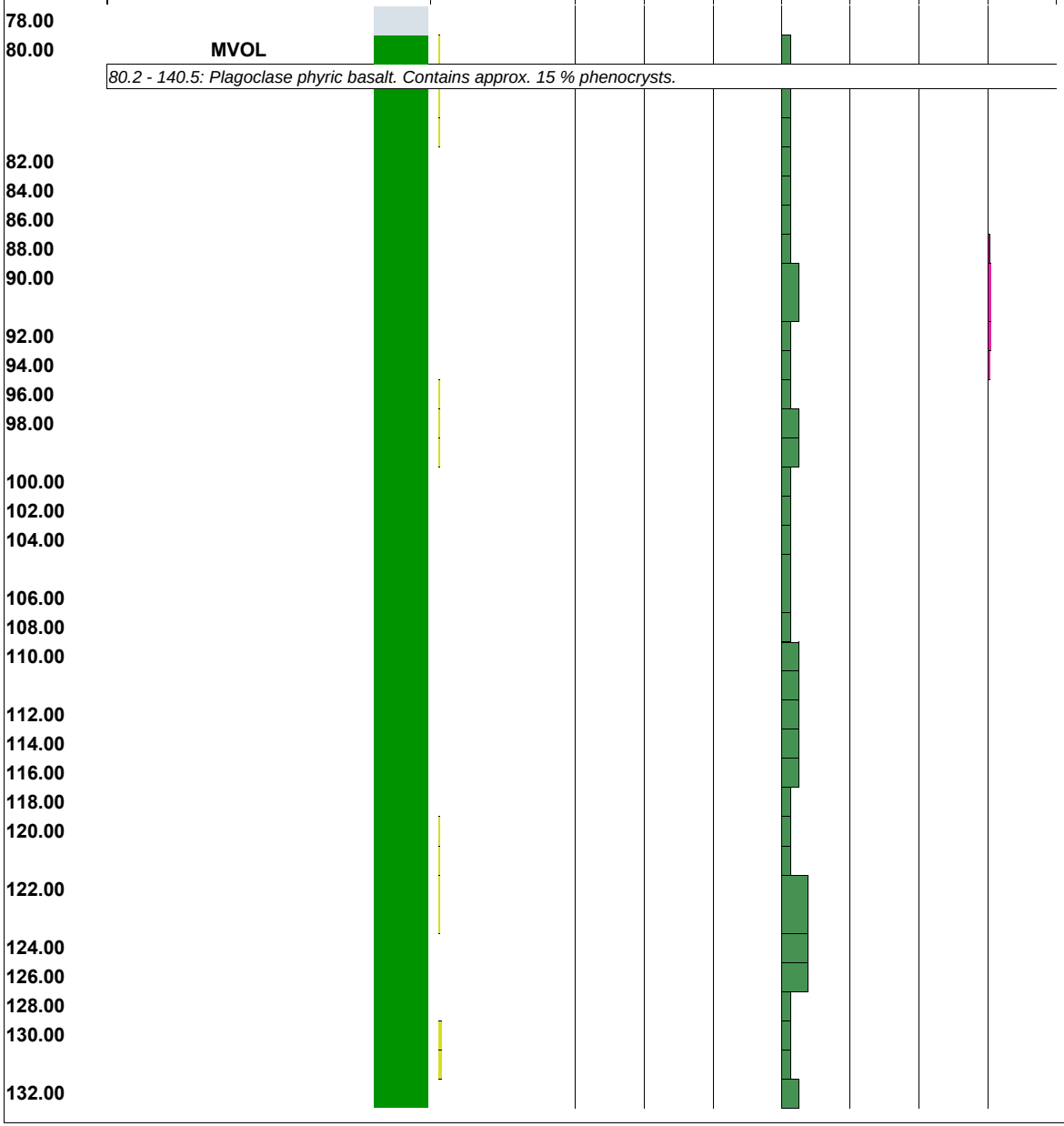


From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
20.00	21.00	1.00	s193967	-0.005	7	73	72	-2
25.00	26.00	1.00	s193968	-0.005	7	59	68	-2
26.00	26.50	0.50	s193969	-0.005	10	65	70	-2
26.50	27.50	1.00	s193971	-0.005	5	24	39	-2
29.50	30.50	1.00	s193972	-0.005	7	54	58	2
30.50	32.00	1.50	s193973	-0.005	7	80	70	-2
32.00	33.00	1.00	s193974	-0.005	5	39	53	-2
33.00	34.00	1.00	s193975	-0.005	5	55	54	-2
34.00	35.00	1.00	s193976	-0.005	10	78	79	-2
42.00	43.00	1.00	s193977	-0.005	3	45	63	-2
43.00	44.00	1.00	s193978	-0.005	2	67	59	-2
44.00	45.00	1.00	s193979	-0.005	6	89	81	-2
48.00	49.00	1.00	s193981	-0.005	10	71	78	-2
49.00	50.00	1.00	s193982	-0.005	10	70	82	2
50.00	51.00	1.00	s193983	-0.005	9	65	73	-2
58.00	59.00	1.00	s193984	-0.005	-2	53	62	-2
59.00	60.00	1.00	s193985	-0.005	2	33	87	2
60.00	61.00	1.00	s193986	-0.005	6	63	85	-2
68.00	69.00	1.00	s193987	-0.005	2	30	52	-2
69.00	70.00	1.00	s193988	-0.005	8	51	62	-2
70.00	71.00	1.00	s193989	-0.005	5	68	74	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-06



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
80.20	81.00	0.80	s193991	-0.005	11	68	98	3
81.00	81.50	0.50	s193992	-0.005	3	69	101	-2
81.50	82.00	0.50	s193993	-0.005	6	72	103	-2
90.50	91.00	0.50	s193994	-0.005	10	75	100	2
91.00	92.00	1.00	s193995	-0.005	8	112	90	-2
92.00	93.00	1.00	s193996	-0.005	8	68	94	-2
97.00	98.00	1.00	s193997	-0.005	8	66	96	-2
98.00	99.00	1.00	s193998	-0.005	7	47	87	-2
99.00	100.00	1.00	s193999	-0.005	7	68	97	-2
103.00	104.00	1.00	s194201	-0.005	6	67	99	-2
104.00	105.00	1.00	s194202	-0.005	6	59	94	-2
105.00	106.00	1.00	s194203	-0.005	6	65	96	-2
108.70	110.00	1.30	s194204	-0.005	6	62	97	-2
110.00	111.00	1.00	s194205	-0.005	6	77	101	-2
111.00	112.40	1.40	s194206	-0.005	6	64	98	-2
120.00	121.00	1.00	s194207	-0.005	10	56	93	-2
121.00	122.00	1.00	s194208	-0.005	10	50	87	-2
122.00	123.00	1.00	s194209	-0.005	9	56	99	-2
123.00	124.00	1.00	s194211	-0.005	9	65	92	-2
131.00	131.50	0.50	s194212	-0.005	7	67	104	-2
131.50	132.00	0.50	s194213	-0.005	7	38	117	-2
132.00	132.50	0.50	s194214	-0.005	5	47	96	2

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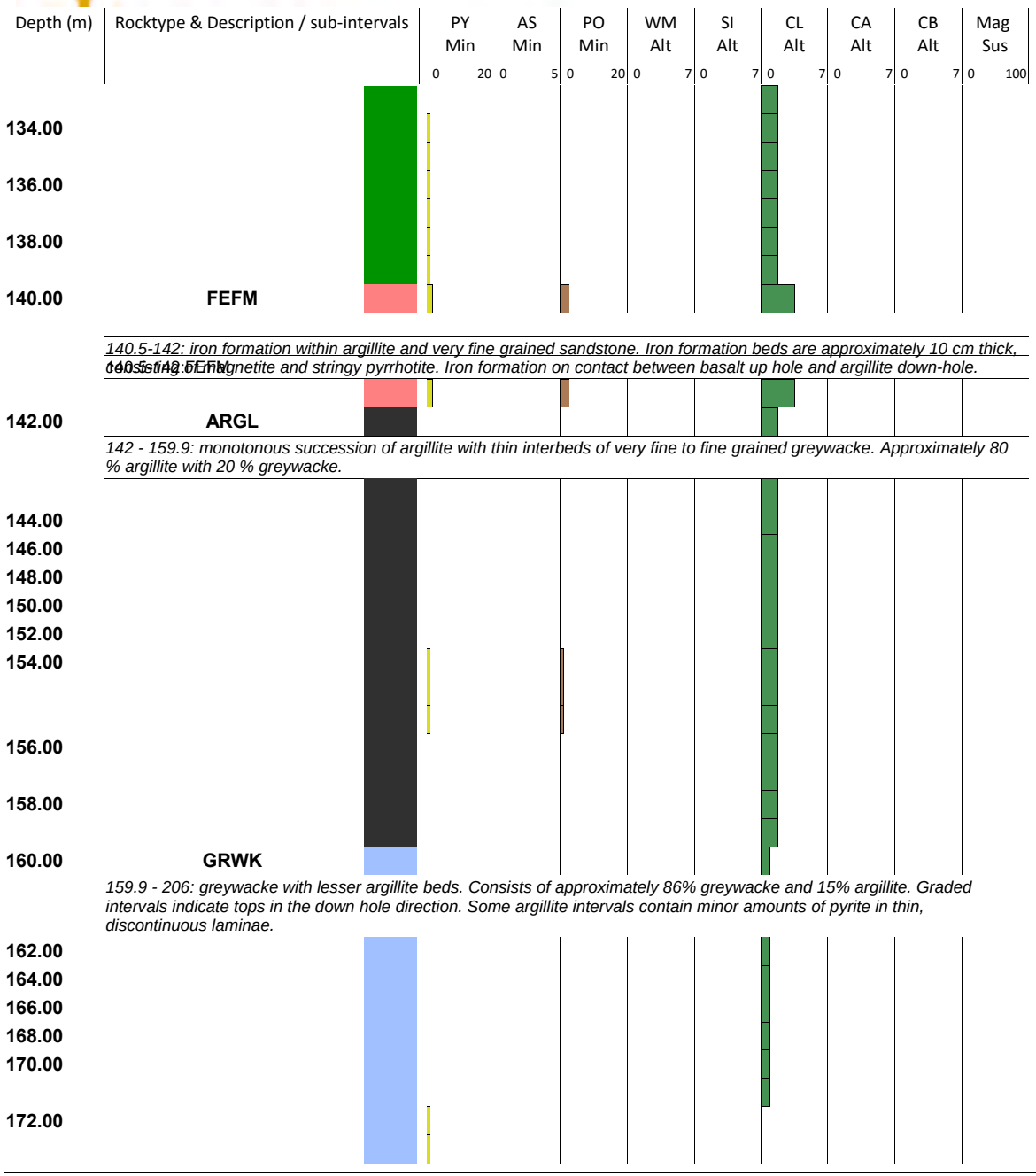
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-06



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
132.50	133.00	0.50	s194215	-0.005	8	60	97	-2
134.00	135.00	1.00	s194216	-0.005	11	61	111	-2
135.00	136.00	1.00	s194217	-0.005	9	63	101	-2
136.00	137.00	1.00	s194218	-0.005	3	62	107	2
137.00	138.00	1.00	s194219	-0.005	3	66	107	-2
138.00	139.00	1.00	s194221	-0.005	2	50	116	-2
139.00	140.00	1.00	s194222	-0.005	107	58	103	-2
140.00	140.50	0.50	s194223	-0.005	1465	60	105	-2
140.50	142.00	1.50	s194224	-0.005	434	46	71	-2
142.00	143.00	1.00	s194225	-0.005	16	61	68	-2
143.00	144.00	1.00	s194226	-0.005	28	52	49	-2
153.00	154.20	1.20	s194227	-0.005	22	75	83	-2
154.20	155.00	0.80	s194228	-0.005	37	119	65	-2
155.00	156.00	1.00	s194229	-0.005	17	71	43	-2
156.00	157.50	1.50	s194231	-0.005	17	66	26	-2
157.50	158.40	0.90	s194232	0.005	27	30	35	-2
158.40	159.90	1.50	s194233	-0.005	29	70	82	-2
170.00	171.10	1.10	s194234	-0.005	16	43	70	-2
171.10	172.60	1.50	s194235	-0.005	15	71	64	2
172.60	174.20	1.60	s194236	-0.005	15	26	60	-2

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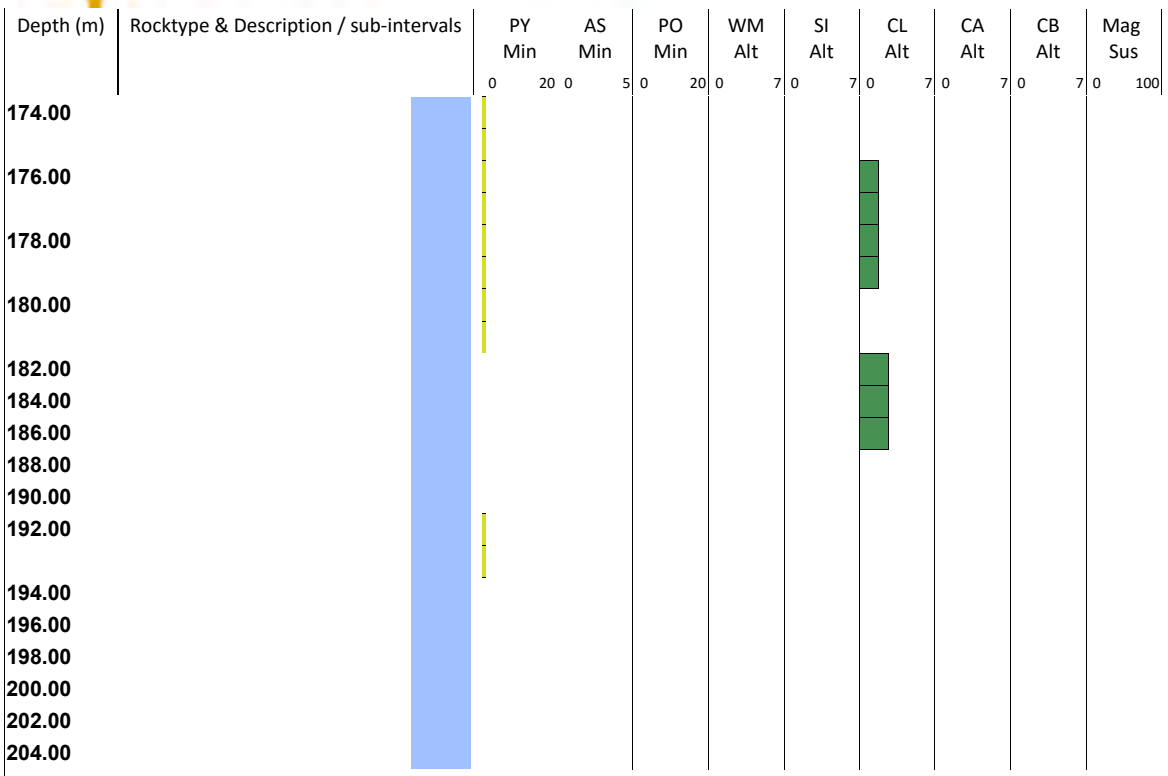
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-06



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
175.40	176.00	0.60	s194237	-0.005	20	25	88	-2
176.00	177.50	1.50	s194238	-0.005	83	48	71	-2
177.50	179.00	1.50	s194239	-0.005	15	53	72	-2
179.00	180.50	1.50	s194241	-0.005	4	19	49	-2
180.50	182.00	1.50	s194242	-0.005	265	48	61	-2
182.00	183.00	1.00	s194243	-0.005	13	16	52	-2
191.00	192.00	1.00	s194244	-0.005	12	24	55	-2
192.00	193.00	1.00	s194245	-0.005	80	60	87	-2
193.00	194.00	1.00	s194246	-0.005	39	18	49	2

End of Hole @ 206

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-07**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	4/1/2017
UTM Easting:	678359	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	4/2/2017
UTM Northing:	5593682	Casing Pulled?:	Yes	Dip:	-50	Drill Company:	Dorado
UTM Elev. (m):	405	Casing Depth (m):	6	Length (m):	161	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270399	Drill Started:	3/30/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	3/31/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-07 tested airborne conductor target 5A. The hole began in a greywacke-dominant turbidite with iron-rich siltstone-argillite interbeds. The drill hole progressed through a succession of ferruginous argillite dominant turbidite intruded by highly strained diorite dykes. The diorite dykes in the turbidite are flanked by a wide envelope of silica alteration. The hole progressed into a wide interval of variably folded iron formation and ferruginous argillite turbidite. The ferruginous turbidite down hole of the iron formation is intruded by a deformed diorite dyke, resulting in silica alteration in damage zones around the diorite dyke. The iron formation is cut locally by quartz-ankerite veins with aresenopyrite and a strong ankerite-garnet alteration halo. Peripheral to the silica alteration zone are intervals with ankerite alteration and pyrrhotite replacement of greywacke layers in the turbidite. The drill hole continues down hole into a sequence of ferruginous argillite intruded by diorite dykes. Similar to previous intrusions, there is a wide envelope of silica alteration around the diorite dykes, however, with the lack of iron formation there is less pronounced ankerite and garnet alteration. Further down hole the drill intersects numerous intervals of folded iron formation. The iron formation is complexly folded and altered with garnet and minor envelopes of ankerite, but lacks silica alteration. The hole ends with a succession of greywacke dominant turbidite with minor layers of iron formation. The latter beds of iron formation lack garnet or ankerite alteration.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
50	-48.5	11	-3.1	7.9	EZShot	Dorado	3/30/2017	48610	☐	
101	-46.3	357.7	-3.1	354.6	EZShot	Dorado	3/30/2017	51276	☐	
152	-44.6	355.8	-3.1	352.7	EZShot	Dorado	3/31/2017	45450	☐	

From (m)	To (m)		Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**29.00**	**GRWK**	**Greywacke**	**medium grey MG**	8.00	9.50	1.50	S194247	0.006	4	33	52	-2
0 - 29: turbidite succession of greywacke, ferrugenous argillite, and iron formation. Grading in turbidite indicated tops up hole orientation of stratigraphy. Ferrugenous argillite and Iron formation beds are mostly 5 - 10 cm thick, with some sequences up to 80 m thick. Logged interval primarily consists of 80 % greywacke and remaining argillite or iron formation.													
<<Min: 9.5 - 21 1% pyrite>> pyrite occurs as 2-3 mm wide veins and as evenly distributed disseminatons in turbidite sequence. Pyrite veins are primarily associated with intervals with larger quartz veins. Disseminated pyrite occurs in intervals of weak silicification.					9.50	11.00	1.50	S194248	0.009	8	31	53	-2
<<Alt: 0 - 29 Weak Chlorite >> localized intervals of moderately strong chlorite alteration near shears and healed fractures or near quartz-carbonate veining. Weak chlorite alteration of argillite and groundmass of greywacke.					11.00	12.50	1.50	S194249	-0.005	7	35	58	-2
<<Vein: 0 - 15.3 2% Quartz 32 deg. >> sparse 2-4 mm wide quartz-calcite veining. Some thicker veins at 5-10 cm wide, widely spaced apart at 3-6 m per vein.					12.50	14.00	1.50	S194251	-0.005	6	38	64	-2

From (m)	To (m)	Rocktype & Description
		<<Vein: 15.3 - 29 0.5% Quartz 44 deg. >> 2-3 cm wide quartz veins which may have sutures of chlorite, spaced approximately 9 m apart.
		<<Vein: 15.3 - 29 0.5% Calcite 34 deg. >> hairline calcite veins along bedding cleavage.
		<<Struc: 10.4 - 10.4 Bedded>> iron formation bed in turbidite.
		<<Struc: 14.22 - 14.22 Bedded>> graded bedding in greywacke with tops in up hole direction.
		<<Struc: 25.9 - 25.9 Veining - fracture fill>> 2 cm wide quartz-calcite vein with chlorite suture.
29.00	**32.30**	**ARGL Argillite medium grey FG**
		29 - 32.3: turbidite sequence consisting of ferrugenous argillite, iron formation, and medum grained greywacke. Turbidite is approximately 65 % argillite and iron formation with the remainder being greywacke. Greywacke and argillite are thinly bedded with planar foliation cleavage. Iron formation beds are sheared, folded, and contorted. Iron formation beds are 2-10 cm thick, spaced 3 - 6 m apart.
		<<Alt: 29 - 29.8 Weak to moderate Chlorite >> interval of stronger chlorite alteration at greywacke to argillite contact.
		<<Alt: 29.8 - 41.2 Weak Silicification >> intermittant intervals of silica alteration flanking minor diorite dykes in argillite and throughout turbidite sequence.
		<<Alt: 29.8 - 41.2 Weak Chlorite >> intervals of stronger chlorite alteration in argillite layers of turbidite. Pervasive chlorite alteration in groundmass of greywacke.
		<<Vein: 29 - 50.8 0.5% Calcite 49 deg. >> hairline calcite veins along bedding cleavage.
		<<Struc: 32.2 - 32.2 lower contact>> contact between greywacke and diorite.
32.30	**33.20**	**DIOR Diorite medium grey CG**
		32.3 - 33.2: strongly sheared coarse grained diorite. Remnant intergrown felspar and quartz texture faintly discernable. Plagioclase phenocryst texture preserved. Mafic minerals recrystallized and define strong foliation fabric through rock.
33.20	**49.90**	**ARGL Argillite dark grey FG**
		33.2 - 49.9: turbidite sequence consisting of ferrugenous argillite, iron formation, and medum grained greywacke. Turbidite is approximately 65 % argillite and iron formation with the remainder being greywacke. Greywacke and argillite are thinly bedded with planar foliation cleavage. Iron formation beds are sheared, folded, and contorted. Iron formation beds are 2-10 cm thick, spaced 3 - 6 m apart.
		<<Min: 48 - 56.5 1.5% pyrite>> pyrite primarily occuring as veins and coarse grained blebs within quartz veins.
		<<Alt: 41.2 - 61 moderate to strong Silicification >> intervals of strong texture-destructive silica alteration throughout turbidite sequence. Silica alteration flanks highly strained diorite dykes in iron formation and argillite beds.
		<<Struc: 35.67 - 35.67 Axial plane cleavage>> fold plan in parasitic fold in iron formation.
		<<Struc: 49 - 49 Bedded>> ferruginous argillite bed in greywacke.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
14.00	15.50	1.50	S194252	0.006	7	46	61	-2
15.50	17.00	1.50	S194253	0.005	6	42	61	-2
17.00	18.50	1.50	S194254	0.006	5	35	62	-2
18.50	20.00	1.50	S194255	0.006	6	38	62	-2
20.00	21.00	1.00	S194256	0.006	6	47	64	3
21.00	22.00	1.00	S194257	0.006	6	41	68	-2
25.00	26.50	1.50	S194258	0.006	6	41	59	-2
26.50	28.00	1.50	S194259	0.006	7	49	71	-2
28.00	29.00	1.00	S194261	0.007	3	41	59	-2
29.00	29.80	0.80	S194262	0.009	5	36	42	-2
29.80	31.00	1.20	S194263	0.005	5	36	57	-2
31.00	32.20	1.20	S194264	0.008	6	58	72	-2
32.20	33.20	1.00	S194265	0.006	6	51	74	-2
34.00	35.00	1.00	S194266	-0.005	7	55	69	-2
35.00	36.00	1.00	S194267	-0.005	5	38	52	-2
36.00	37.00	1.00	S194268	0.005	6	48	64	-2
40.00	41.20	1.20	S194269	0.005	4	31	36	-2
41.20	42.00	0.80	S194271	-0.005	5	37	23	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Struc: 49.27 - 49.27 Veining - fracture fill>> 2 cm wide quartz-calcite vein sub-parallel to bedding in greywacke.	42.00	43.00	1.00	S194272	0.006	4	26	32	-2
			47.00	48.00	1.00	S194273	-0.005	8	30	17	-2
			48.00	49.50	1.50	S194274	-0.005	2	30	15	-2
			49.50	49.90	0.40	S194275	-0.005	-2	24	25	-2
49.90	**57.50**	**DIOR Diorite light grey CG**	49.90	50.80	0.90	S194276	-0.005	2	62	67	-2
		49.9 - 57.5: diorite dykes intruding iron formation-dominant turbidite. Strongly sheared coarse grained diorite. Remnant intergrown felspar and quartz texture faintly discernable. Mafic minerals recrystallized and define strong foliation fabric through rock. Diorite dykes are 30 cm to 150 cm thick, spaced at less than a metre apart.									
		<<Alt: 53 - 62 Weak Fe Carbonate>> disseminated calcite alteration in groundmass of argillite beds.	50.80	52.00	1.20	S194277	-0.005	2	37	52	-2
		<<Vein: 50.8 - 56.5 16% Quartz 43 deg. >> 10 to 40 cm wide quartz veins with en-echelon networking veinlets in turbidite and iron formation. Veining occurs adjacent to sheared diorite dykes. Quartz veins contain coarse grained ankarite mineralization.	52.00	53.50	1.50	S194278	0.005	-2	129	82	-2
		<<Vein: 56.5 - 65.5 1% Calcite 53 deg. >> harline carbonate veins along bedding cleavage.	53.50	55.00	1.50	S194279	0.009	12	29	36	-2
		<<Struc: 54 - 54 lower contact>> contact between strongly silicified dyke and iron formation. Discordant cross-cutting relationship, dyke cross-cut by sheeted pyrite-bearing quartz-ankerite veins.	55.00	56.50	1.50	S194281	-0.005	4	31	44	-2
		<<Struc: 54.06 - 54.06 Veining - fracture fill>> sheeted quartz veins with pyrite within silicified dyke cutting iron formation. Veins are 3 mm wide 10 mm apart over 15 cm wide interval.	56.50	57.50	1.00	S194282	0.033	38	82	53	-2
57.50	**62.60**	**ARGL Argillite medium grey FG**	57.50	58.50	1.00	S194283	-0.005	5	34	54	-2
		57.5 - 62.6: turbidite sequence consisting of ferrugenous argillite, iron formation, and medum grained greywacke. Turbidite is approximately 65% argillite and iron formation with the remainder being greywacke. Interlayered sediments are thinly bedded with planar foliation cleavage.									
		<<Min: 62 - 71 0.5% pyrite>> medium grained, euhedral pyrite crystals evenly disseminated in chlorite altered turbidite.	61.00	62.00	1.00	S194284	-0.005	5	45	56	-2
		<<Alt: 61 - 67 Weak to moderate Chlorite >> intermittant intervals of stronger chlorite alteration. Most strong chlorite alteration occurs in narrow interval between diorite dykes. Chlorite alteraton is overprinted by silica alteration.	62.00	63.50	1.50	S194285	0.008	7	37	39	-2
62.60	**63.50**	**DIOR Diorite medium grey CG**									
		62.6 - 63.5: strongly sheared coarse grained diorite intruding argillite dominant turbidite sequence. Remnant intergrown felspar and quartz texture faintly discernable in diorite. Plagioclase phenocryst texture preserved. Mafic minerals recrystallized and define strong foliation fabric through rock. Diorites are approximately 15 cm wide, about 80 cm apart.									
63.50	**79.80**	**FEFM Iron Formation dark grey FG**	63.50	65.00	1.50	S194286	0.005	5	26	37	-2
		63.5 - 79.8: turbidite sequence primarily consisting of banded iron formation and argillite with lesser fine grained greywacke. Interval consists of approximately 45% banded iron formation, 35% ferruginous argillite, and the rest fine grained greywacke. Sediment beds are primarily laminated 1 cm thick layers or thicker 30 - 50 cm thick argillite beds. Iron formation sequences are weakly folded or contain transposed beds.									
		<<Min: 78.3 - 80.3 2% pyrite>> discontinuous stringers and blebs of medium grained pyrite in strong silica and ankerite, moderate garnet alteration. Pyrite mineralization follows garnet mineralization.	65.00	66.50	1.50	S194287	-0.005	6	21	34	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Min: 79 - 79.8 0.5% arsenopyrite>> coarse grained arsenopyrite in quartz-ankerite vein with ankerite-garnet-silica envelope.	66.50	68.00	1.50	S194288	0.005	3	18	32	-2
		<<Alt: 67 - 79 Weak to moderate Fe Carbonate>> localized intervals of pink ankerite alteration near veining and crackle breccia. Carbonate alteration occurs as disseminated spots throughout argillite.	68.00	69.50	1.50	S194289	0.005	5	20	29	-2
		<<Alt: 67 - 79.8 Weak to moderate Silicification >> intermittant intervals of texture-destructive silica alteration.	69.50	71.00	1.50	S194291	0.005	4	18	38	-2
		<<Alt: 67 - 89 moderate to strong Chlorite >> intermittant intervals of moderate to strong chlorite alteration. Strong chlorite alteration primarily focussed in argillite layers of iron formation and argillite beds.	71.00	72.00	1.00	S194292	-0.005	8	26	36	-2
		<<Alt: 78.3 - 79.8 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.	77.00	78.00	1.00	S194293	-0.005	11	30	32	-2
		<<Alt: 79 - 80.2 moderate to strong Fe Carbonate>> streaks and bands of strong beige ankerite alteration in wallrock enveloping quartz veins. Ankerite envelopes are 5-10 cm wide on either side of veins.	78.00	79.00	1.00	S194294	0.006	7	15	32	-2
		<<Alt: 79 - 85.7 moderate to strong Silicification >> intervals of strong silica flooding adjacent to quartz-ankerite veining and pervasive flooding through host rock. Silica flooding affects greywacke intervals more than argillite, but is still prevalent in argillite.	79.00	79.80	0.80	S194295	0.023	617	27	28	-2
		<<Vein: 65.5 - 78 5% Quartz 15 deg. >> quartz veins with coarse grained ankerite in iron formation dominant turbidite. hairline calcite veins along bedding cleavage.									
		<<Vein: 78 - 86.5 20% Quartz 39 deg. >> discordant quartz-ankerite veins with garnet-ankerite-silica alteration envelope. Quartz vein at 79.6 contains coarse grained arsenopyrite and pyrite. Veins cross-cut bedded iron formation and greywacke sediments. Veining is located adjacent to highly strained diorite dyke.quartz veins are bimodally distributed at 1-2 cm wide and 15-20 cm wide.									
		<<Struc: 70.8 - 70.8 Bedded>> laminated bedding in iron formation.									
		<<Struc: 79.55 - 79.55 Veining - fracture fill>> quartz-ankerite vein cutting bedding in iron formation. Networking veins contain arsenopyrite.									
79.80	**82.60**	**ARGL Argillite dark grey FG**	79.80	81.00	1.20	S194296	0.009	39	38	45	-2
		79.8 - 82.6: strongly altered tubidite sequence of argillite and greywacke. Turbidite consits of approximately 60% argillite graded to 40% medium grained greywacke. Sediment layers are 3 - 5 cm thick.									
		<<Alt: 80.2 - 87.7 Weak to moderate Fe Carbonate>> narrow envelopes, 1-5 cm wide of ankerite alteration adjacent to quartz veins. Alteration envelopes end abruptly into less carbonate altered rock.	81.00	82.00	1.00	S194297	-0.005	50	36	53	-2
			82.00	83.00	1.00	S194298	-0.005	104	33	64	-2
82.60	**82.90**	**DIOR Diorite medium grey CG**									
		82.6 - 82.9: strongly sheared diorite. Phaneritic texture mostly sheared and crystal relationships indistinguishable. Groundmass strongly sheared and recrystallized. Remnant interlocking plagioclase and quartz faintly distinguishable in low strain domains.									
82.90	**92.10**	**ARGL Argillite medium grey FG**	83.00	84.00	1.00	S194299	0.006	31	32	65	-2
		82.9 - 92.1: moderately altered tubidite sequence of argillite and greywacke. Turbidite consits of approximately 80% argillite graded to 20% medium grained greywacke. Sediment layers are 1 to 4 cm thick.									
		<<Min: 83 - 86.5 2% pyrite>> foliation parallel pyrite in quartz-ankerite veins in iron formation.	84.00	85.00	1.00	S194301	-0.005	19	22	37	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Min: 86.5 - 89 3% pyrrhotite>> pyrrhotite mineralization replacing laminated layers in iron formation. Likely replacement of iron-rich argillite or banded iron formation layers. Bands are 0.5 cm wide.	85.00	86.00	1.00	S194302	-0.005	23	37	64	-2
		<<Min: 90 - 102.7 3% pyrrhotite>> pyrrhotite selectively mineralizing greywacke layers of turbidite sequence.	86.00	87.00	1.00	S194303	-0.005	119	34	68	-2
		<<Alt: 83.2 - 87 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.	87.00	87.70	0.70	S194304	0.012	41	307	127	-2
		<<Alt: 85.7 - 101.8 Moderate Silicification >> intermittant intervals of pervasive silica flooding. Primarily focussed around quartz-ankerite veining.. Alteration halos are 10-15 cm wide adjacent to veins.	87.70	89.00	1.30	S194305	0.005	55	46	197	-2
		<<Alt: 89 - 101.8 Weak to moderate Chlorite >> moderately strong chlorite alteration in argillites and weaker chlorite alteration through greywacke layers. Locally moderately strong, pervasive chlorite alteration adjacent to quartz-ankerite veins.	89.00	90.00	1.00	S194306	-0.005	25	7	596	-2
		<<Alt: 92 - 96.4 Weak to moderate Fe Carbonate>> streaky to pervasive halos of pink ankerite alteration adjacent to quartz veins. Alteration envelopes are 1 cm to 4 cm wide.	90.00	91.00	1.00	S194307	-0.005	39	1	39	-2
		<<Vein: 86.5 - 92 5% Quartz 53 deg. >> sheeted foliation parallel quartz-ankerite veins. Ankerite in veins have pinkish hue which may be due to hematite staining. Iron-rich sediment bands sulphidized to pyrrhotite adjacent to high intensity quartz-ankerite veining zone.									
		<<Vein: 92 - 98.7 15% Quartz 70 deg. >> discordant quartz-ankerite veins with garnet-ankerite-silica alteration envelope. Veins cross-cut bedded iron formation and greywacke sediments. Veining is located adjacent to highly strained diorite dyke.quartz veins are bimodally distributed at 1-2 cm wide and 7-12 cm wide.									
		<<Struc: 84.94 - 84.94 Foliated>> foliation in iron turbidite sequence.									
92.10	**92.90**	**DIOR Diorite medium grey CG**	92.10	92.90	0.80	S194308	-0.005	182	55	65	-2
		92.1 - 92.9: strongly sheared diorite. Phaneritic texture mostly sheared and crystal relationships indistinguishable. Groundmass strongly sheared and recrystallized. Remnant interlocking plagioclase and quartz faintly distinguishable in low strain domains.									
		<<Struc: 92.1 - 92.1 lower contact>> contact between strongly sheared diorite dyke,									
92.90	**112.40**	**GRWK Greywacke light grey MG**	92.90	94.00	1.10	S194309	0.006	73	6	12	-2
		92.9 - 112.4: thickly bedded, greywacke dominant turbidite sequence. Turbidite consists of approximately 70% medium grained greywacke, with 20% argillite/siltstone, and 10% iron formation.									
		<<Alt: 101.8 - 111.4 Weak Silicification >> trace to weak silica alteration persistent through greywacke sediments. Minor distortion of bedding texture in turbidite.	94.00	95.00	1.00	S194311	0.006	256	41	105	-2
		<<Alt: 101.8 - 111.9 Weak Chlorite >> weak pervasive alteration of groundmass in greywacke.	95.00	96.00	1.00	S194312	0.005	135	13	46	-2
		<<Alt: 111.4 - 134 moderate to strong Silicification >> intervals of strong pervasive silica flooding adjacent to quartz-ankerite veins. Alteration halos are 10 - 30 cm wide, adjacent to veins. Intervals between strong alteration zones and veining are weak to moderately altered. Strong alteration halos abruptly transition to lower background alteration levels.	96.00	97.00	1.00	S194313	-0.005	90	82	38	-2
		<<Alt: 111.9 - 143 Weak to moderate Chlorite >> moderately strong chlorite alteration in argillites and weaker chlorite alteration through greywacke layers. Locally moderately strong, pervasive chlorite alteration adjacent to quartz-ankerite veins.	97.00	98.00	1.00	S194314	0.034	528	56	37	-2
		<<Vein: 98.7 - 101.8 5% Quartz 51 deg. >> sheeted foliation parallel quartz-ankerite veins. Ankerite in veins have pinkish hue which may be due to hematite staining. Iron-rich sediment bands sulphidized to pyrrhotite adjacent to high intensity quartz-ankerite veining zone.	98.00	99.00	1.00	S194315	-0.005	45	1	24	-2

From (m)	To (m)	Rocktype & Description
		<<Vein: 101.8 - 112.4 2% Quartz 25 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.
		<<Struc: 100.86 - 100.86 Veining - fracture fill>> selective pyrrhotite replacement of greywacke in turbidite sequence.
		<<Struc: 109.58 - 109.58 Bedded>> graded bedding in turbidite sequence with tops in up hole direction.
112.40	**129.90**	**FEFM** **Iron Formation** **dark grey** **FG**
		112.4 - 129.9: folded and contorted banded iron formation interbedded with lesser greywacke and siltstone.
		<<Min: 112.4 - 113 1% pyrite>> irregular blebs of pyrite in quartz-ankerite vein.
		<<Min: 117.4 - 120.9 0.5% pyrite>> irregular blebs of pyrite in quartz-ankerite veins. Tension gashes of pyrite cutting quartz-ankerite veins.
		<<Min: 123.2 - 129.9 1% pyrite>> irregular blebs of pyrite in quartz-ankerite veins within iron formation and as selective mineralization along greywacke layers of turbidite sequence.
		<<Alt: 112.4 - 113 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.
		<<Alt: 112.4 - 113.7 Weak to moderate Fe Carbonate>> streaks and bands of beige ankerite alteration in folded interval of banded iron formation and argillite. Peripheral to streaky and banded alteration are evenly distributed carbonate spots in argillite.
		<<Alt: 117.4 - 120.9 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.
		<<Alt: 117.4 - 121 Moderate Fe Carbonate>> streaks and bands of beige ankerite alteration in folded interval of banded iron formation and argillite. Peripheral to streaky and banded alteration are evenly distributed carbonate spots in argillite.
		<<Alt: 122 - 129.9 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.
		<<Vein: 112.4 - 113 10% Quartz 80 deg. >> discordant and foliation parallel, 1-5 cm wide quartz veins in strongly folded m-fold zone in iron formation.
		<<Vein: 113 - 117.4 1% Quartz 43 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.
		<<Vein: 117.4 - 120.4 15% Quartz 48 deg. >> discordant and foliation parallel, 1-5 cm wide quartz veins in strongly folded m-fold zone in iron formation.
		<<Vein: 120.4 - 123.2 2% Quartz 45 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.
		<<Vein: 123.2 - 129.9 10% Quartz 50 deg. >> discordant and foliation parallel, 1-5 cm wide quartz veins in strongly folded m-fold zone in iron formation.
		<<Struc: 112.4 - 113 Folded>> folded banded iron formation.
		<<Struc: 119.36 - 120.9 Folded>> chaotic m-folded banded iron formation.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
99.00	100.00	1.00	S194316	-0.005	31	1	88	-2
100.00	101.00	1.00	S194317	0.008	128	100	457	-2
101.00	102.00	1.00	S194318	0.012	84	109	273	-2
102.00	102.70	0.70	S194319	0.007	78	153	89	-2
102.70	104.00	1.30	S194321	-0.005	26	23	54	-2
111.40	112.40	1.00	S194322	-0.005	35	64	67	-2
112.40	113.00	0.60	S194323	0.022	10	37	21	-2
113.00	114.00	1.00	S194324	-0.005	12	26	43	-2
116.00	117.40	1.40	S194325	-0.005	18	50	60	-2
117.40	118.00	0.60	S194326	-0.005	6	7	15	-2
118.00	119.00	1.00	S194327	-0.005	2	13	33	-2
119.00	120.00	1.00	S194328	-0.005	5	25	13	-2
120.00	120.90	0.90	S194329	0.099	6	33	19	-2
120.90	122.00	1.10	S194331	0.01	24	26	48	-2
122.00	123.20	1.20	S194332	-0.005	21	87	63	-2
123.20	124.00	0.80	S194333	-0.005	6	22	18	-2
124.00	125.50	1.50	S194334	-0.005	13	35	28	-2
125.50	127.00	1.50	S194335	0.006	11	37	30	-2
127.00	128.00	1.00	S194336	-0.005	5	18	21	-2
128.00	129.00	1.00	S194337	-0.005	8	9	21	-2
129.00	129.90	0.90	S194338	-0.005	29	44	41	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: Savant Lake **Hole Number:** NDR17-07

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Struc: 120.33 - 120.33 Veining - fracture fill>> quartz-ankerite veinlet with ankerite alteration halo cutting folded banded iron formation.									
		<<Struc: 124 - 126.7 Folded>> chaotic m-folded iron formation.									
		<<Struc: 129.21 - 129.21 Veining - fracture fill>> foliation cleavage parallel quartz-ankerite vein with ankerite and garnet alteration halo.									
129.90	**161.00**	**GRWK Greywacke medium grey MG**	129.90	131.00	1.10	S194339	0.089	25	43	62	-2
		129.9 - 161: thickly bedded, greywacke dominant turbidite sequence. Turbidite consists of approximately 70% medium grained greywacke, with 20% argillite/siltstone, and 10% iron formation.									
		<<Min: 133.6 - 137 1% pyrite>> foliation cleavage parallel pyrite mineralization in iron formation cut by quartz-ankerite veins.	132.00	132.70	0.70	S194341	-0.005	15	40	56	-2
		<<Min: 142 - 142.5 0.5% pyrite>> foliation cleavage parallel pyrite mineralization in sparse quartz-ankerite veins in greywacke layers of turbidite sequence.	132.70	133.60	0.90	S194342	-0.005	6	29	46	-2
		<<Min: 142.5 - 151 1% pyrite>> irregular blebs and stringers of pyrite adjacent to minor fault. Sulphide mineralization focused in greywacke sediments.	133.60	135.00	1.40	S194343	-0.005	3	16	45	-2
		<<Alt: 132.7 - 134 Weak to moderate Garnet>> medium to coarse grained porphyroblasts of garnet evenly disseminated in iron rich sediment bands adjacent to strong quartz-ankerite veining.	135.00	136.00	1.00	S194344	-0.005	4	27	36	-2
		<<Alt: 143 - 161 Weak Chlorite >> trace to weak chlorite alteration in argillite and greywacke layers. Locally moderately strong to strong chlorite alteration adjacent to quartz veins.	136.00	137.00	1.00	S194345	-0.005	12	44	60	-2
		<<Vein: 129.9 - 132.9 2% Quartz 55 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.	137.00	138.00	1.00	S194346	-0.005	19	45	63	-2
		<<Vein: 132.9 - 135 8% Quartz 50 deg. >> discordant and foliation parallel, 1-5 cm wide quartz veins in iron formation.	141.00	142.00	1.00	S194347	-0.005	13	32	42	-2
		<<Vein: 135 - 150 2% Quartz 35 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.	142.00	142.50	0.50	S194348	-0.005	11	42	58	-2
		<<Vein: 150 - 151.5 7% Quartz 48 deg. >> discordant quartz-ankerite veins. Veins are 1-3 cm wide. Quartz-ankerite veins contain coarse grained biotite on vein selvedge.	149.00	150.30	1.30	S194349	-0.005	13	44	58	-2
		<<Vein: 151.5 - 161 2% Quartz 43 deg. >> Hairline foliation parallel and 0.5 cm to 1 cm discordant, networking quartz-ankerite veins.	150.30	151.50	1.20	S194351	-0.005	25	53	51	-2
		<<Struc: 136.65 - 136.65 Bedded>> bedding in turbidite sequence.	151.50	152.00	0.50	S194352	-0.005	18	38	54	-2
		<<Struc: 150.48 - 150.5 Fault zone>> minor fault with strong chlorite alteration.									
		<<Struc: 154.16 - 154.16 Bedded>> bedding in banded iron formation.									

End of Hole @ 161

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: **Savant Lake** **Hole Number:** **NDR17-07**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Daniel Lui	Date Logging Start:	4/1/2017
UTM Easting:	678359	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	4/2/2017
UTM Northing:	5593682	Casing Pulled?:	Yes	Dip:	-50	Drill Company:	Dorado
UTM Elev. (m):	405	Casing Depth (m):	6	Length (m):	161	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4270399	Drill Started:	3/30/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	3/31/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

NDR17-07 tested airborne conductor target 5A. The hole began in a greywacke-dominant turbidite with iron-rich siltstone-argillite interbeds. The drill hole progressed through a succession of ferruginous argillite dominant turbidite intruded by highly strained diorite dykes. The diorite dykes in the turbidite are flanked by a wide envelope of silica alteration. The hole progressed into a wide interval of variably folded iron formation and ferruginous argillite turbidite. The ferruginous turbidite down hole of the iron formation is intruded by a deformed diorite dyke, resulting in silica alteration in damage zones around the diorite dyke. The iron formation is cut locally by quartz-ankerite veins with aresenopyrite and a strong ankerite-garnet alteration halo. Peripheral to the silica alteration zone are intervals with ankerite alteration and pyrrhotite replacement of greywacke layers in the turbidite. The drill hole continues down hole into a sequence of ferruginous argillite intruded by diorite dykes. Similar to previous intrusions, there is a wide envelope of silica alteration around the diorite dykes, however, with the lack of iron formation there is less pronounced ankerite and garnet alteration. Further down hole the drill intersects numerous intervals of folded iron formation. The iron formation is complexly folded and altered with garnet and minor envelopes of ankerite, but lacks silica alteration. The hole ends with a succession of greywacke dominant turbidite with minor layers of iron formation. The latter beds of iron formation lack garnet or ankerite alteration.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
50	-48.5	11	-3.1	7.9	EZShot	Dorado	3/30/2017	48610	☐	
101	-46.3	357.7	-3.1	354.6	EZShot	Dorado	3/30/2017	51276	☐	
152	-44.6	355.8	-3.1	352.7	EZShot	Dorado	3/31/2017	45450	☐	

Depth (m)	Rocktype & Description / sub-intervals	PY Min (0–20)	AS Min (0–5)	PO Min (0–20)	WM Alt (0–7)	SI Alt (0–7)	CL Alt (0–7)	CA Alt (0–7)	CB Alt (0–7)	Mag Sus (0–100)
0.00	**GRWK**									
	0 - 29: turbidite succession of greywacke, ferrugenous argillite, and iron formation. Grading in turbidite indicated tops up hole orientation of stratigraphy. Ferrugenous argillite and Iron formation beds are mostly 5 - 10 cm thick, with some sequences up to 80 m thick. Logged interval primarily consists of 80 % greywacke and remaining argillite or iron formation.									
2.00										
4.00										
6.00										
8.00										
10.00										
12.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
8.00	9.50	1.50	S194247	0.006	4	33	52	-2
9.50	11.00	1.50	S194248	0.009	8	31	53	-2
11.00	12.50	1.50	S194249	-0.005	7	35	58	-2

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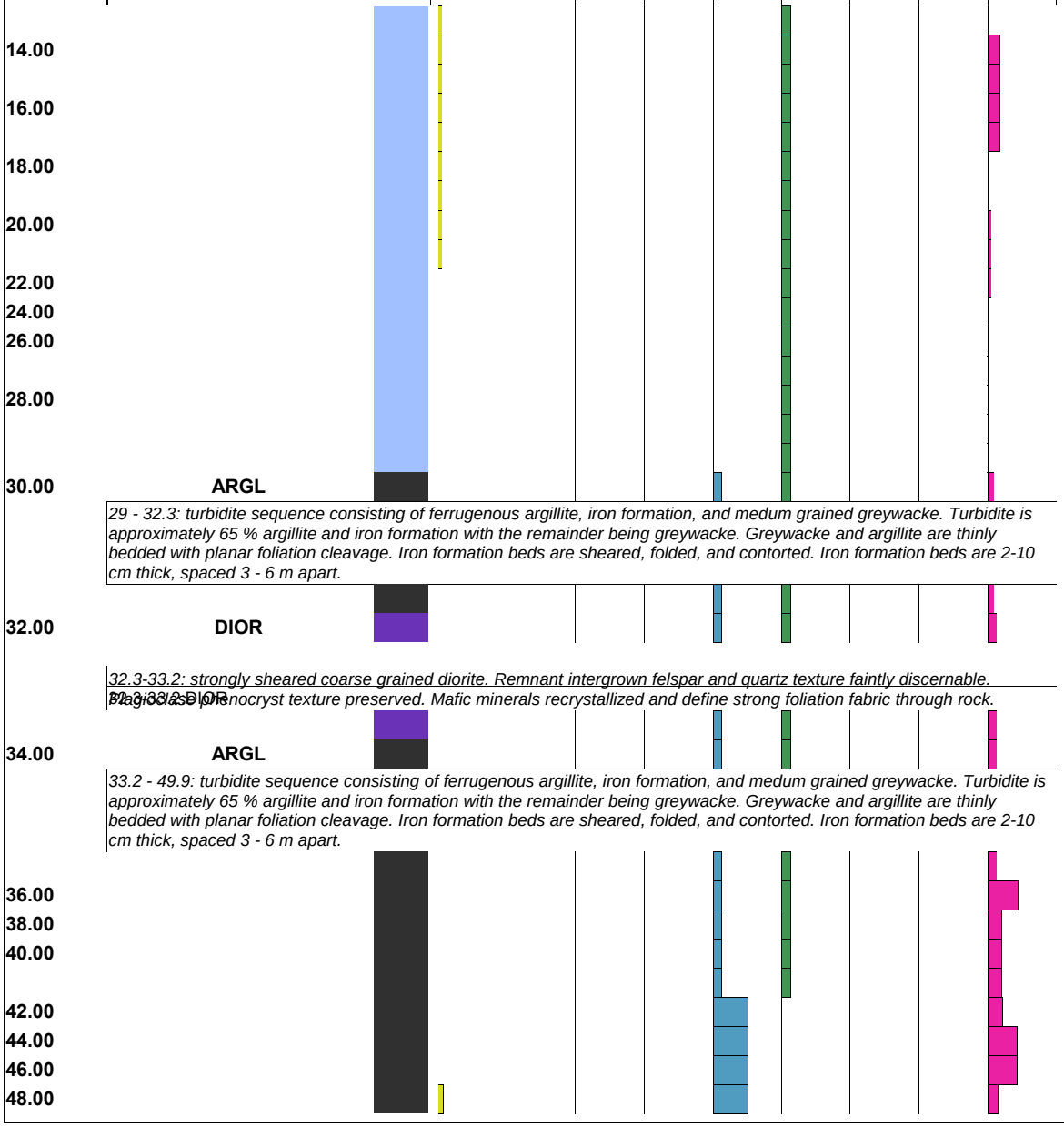
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-07

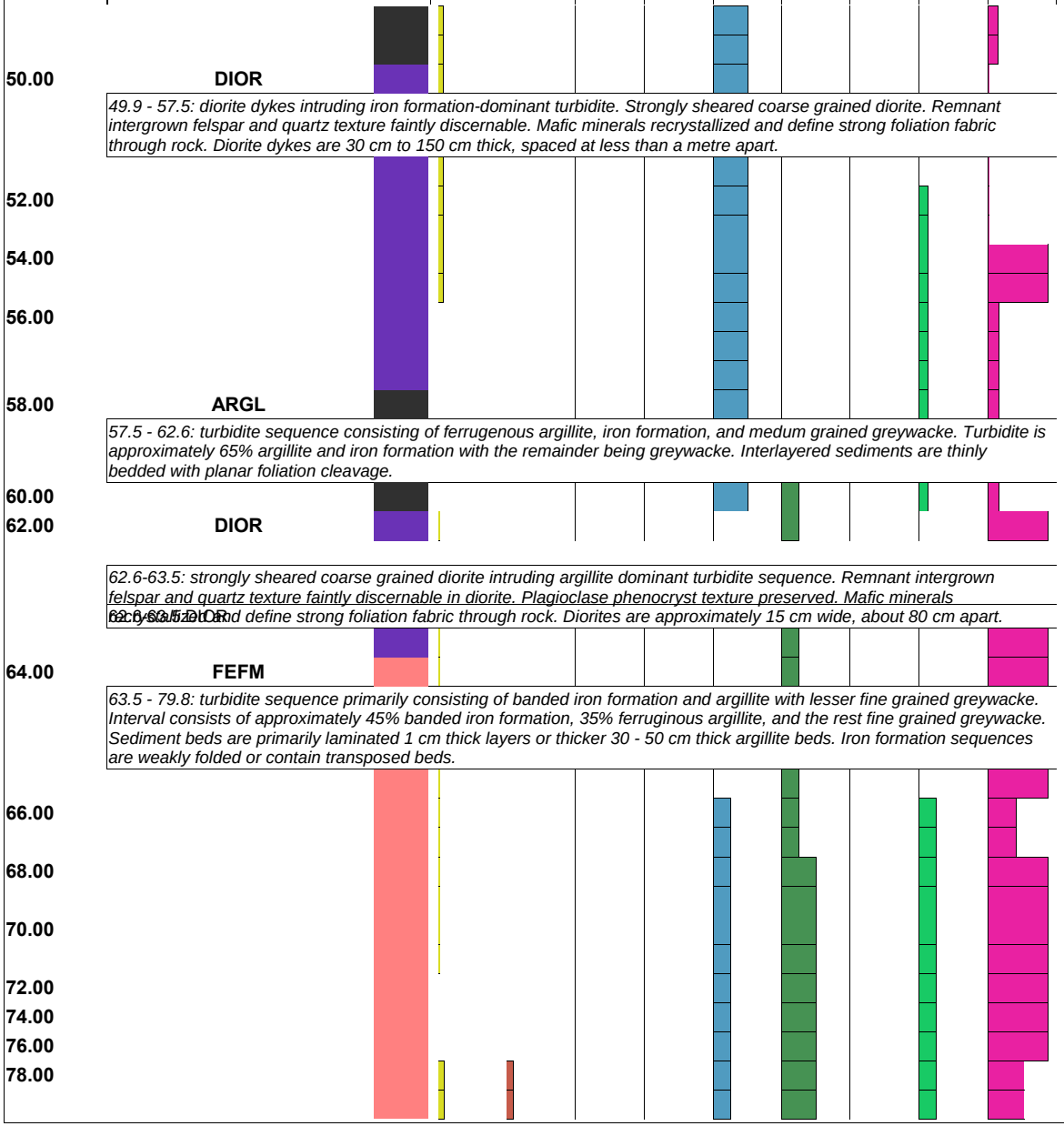


From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
12.50	14.00	1.50	S194251	-0.005	6	38	64	-2
14.00	15.50	1.50	S194252	0.006	7	46	61	-2
15.50	17.00	1.50	S194253	0.005	6	42	61	-2
17.00	18.50	1.50	S194254	0.006	5	35	62	-2
18.50	20.00	1.50	S194255	0.006	6	38	62	-2
20.00	21.00	1.00	S194256	0.006	6	47	64	3
21.00	22.00	1.00	S194257	0.006	6	41	68	-2
25.00	26.50	1.50	S194258	0.006	6	41	59	-2
26.50	28.00	1.50	S194259	0.006	7	49	71	-2
28.00	29.00	1.00	S194261	0.007	3	41	59	-2
29.00	29.80	0.80	S194262	0.009	5	36	42	-2
29.80	31.00	1.20	S194263	0.005	5	36	57	-2
31.00	32.20	1.20	S194264	0.008	6	58	72	-2
32.20	33.20	1.00	S194265	0.006	6	51	74	-2
34.00	35.00	1.00	S194266	-0.005	7	55	69	-2
35.00	36.00	1.00	S194267	-0.005	5	38	52	-2
36.00	37.00	1.00	S194268	0.005	6	48	64	-2
40.00	41.20	1.20	S194269	0.005	4	31	36	-2
41.20	42.00	0.80	S194271	-0.005	5	37	23	-2
42.00	43.00	1.00	S194272	0.006	4	26	32	-2
47.00	48.00	1.00	S194273	-0.005	8	30	17	-2
48.00	49.50	1.50	S194274	-0.005	2	30	15	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-07



49.9 - 57.5: diorite dykes intruding iron formation-dominant turbidite. Strongly sheared coarse grained diorite. Remnant intergrown felspar and quartz texture faintly discernable. Mafic minerals recrystallized and define strong foliation fabric through rock. Diorite dykes are 30 cm to 150 cm thick, spaced at less than a metre apart.

57.5 - 62.6: turbidite sequence consisting of ferrugenous argillite, iron formation, and medum grained greywacke. Turbidite is approximately 65% argillite and iron formation with the remainder being greywacke. Interlayered sediments are thinly bedded with planar foliation cleavage.

62.6-63.5: strongly sheared coarse grained diorite intruding argillite dominant turbidite sequence. Remnant intergrown felspar and quartz texture faintly discernable in diorite. Plagioclase phenocryst texture preserved. Mafic minerals recrystallized and define strong foliation fabric through rock. Diorites are approximately 15 cm wide, about 80 cm apart.

63.5 - 79.8: turbidite sequence primarily consisting of banded iron formation and argillite with lesser fine grained greywacke. Interval consists of approximately 45% banded iron formation, 35% ferruginous argillite, and the rest fine grained greywacke. Sediment beds are primarily laminated 1 cm thick layers or thicker 30 - 50 cm thick argillite beds. Iron formation sequences are weakly folded or contain transposed beds.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
49.50	49.90	0.40	S194275	-0.005	-2	24	25	-2
49.90	50.80	0.90	S194276	-0.005	2	62	67	-2
50.80	52.00	1.20	S194277	-0.005	2	37	52	-2
52.00	53.50	1.50	S194278	0.005	-2	129	82	-2
53.50	55.00	1.50	S194279	0.009	12	29	36	-2
55.00	56.50	1.50	S194281	-0.005	4	31	44	-2
56.50	57.50	1.00	S194282	0.033	38	82	53	-2
57.50	58.50	1.00	S194283	-0.005	5	34	54	-2
61.00	62.00	1.00	S194284	-0.005	5	45	56	-2
62.00	63.50	1.50	S194285	0.008	7	37	39	-2
63.50	65.00	1.50	S194286	0.005	5	26	37	-2
65.00	66.50	1.50	S194287	-0.005	6	21	34	-2
66.50	68.00	1.50	S194288	0.005	3	18	32	-2
68.00	69.50	1.50	S194289	0.005	5	20	29	-2
69.50	71.00	1.50	S194291	0.005	4	18	38	-2
71.00	72.00	1.00	S194292	-0.005	8	26	36	-2
77.00	78.00	1.00	S194293	-0.005	11	30	32	-2
78.00	79.00	1.00	S194294	0.006	7	15	32	-2

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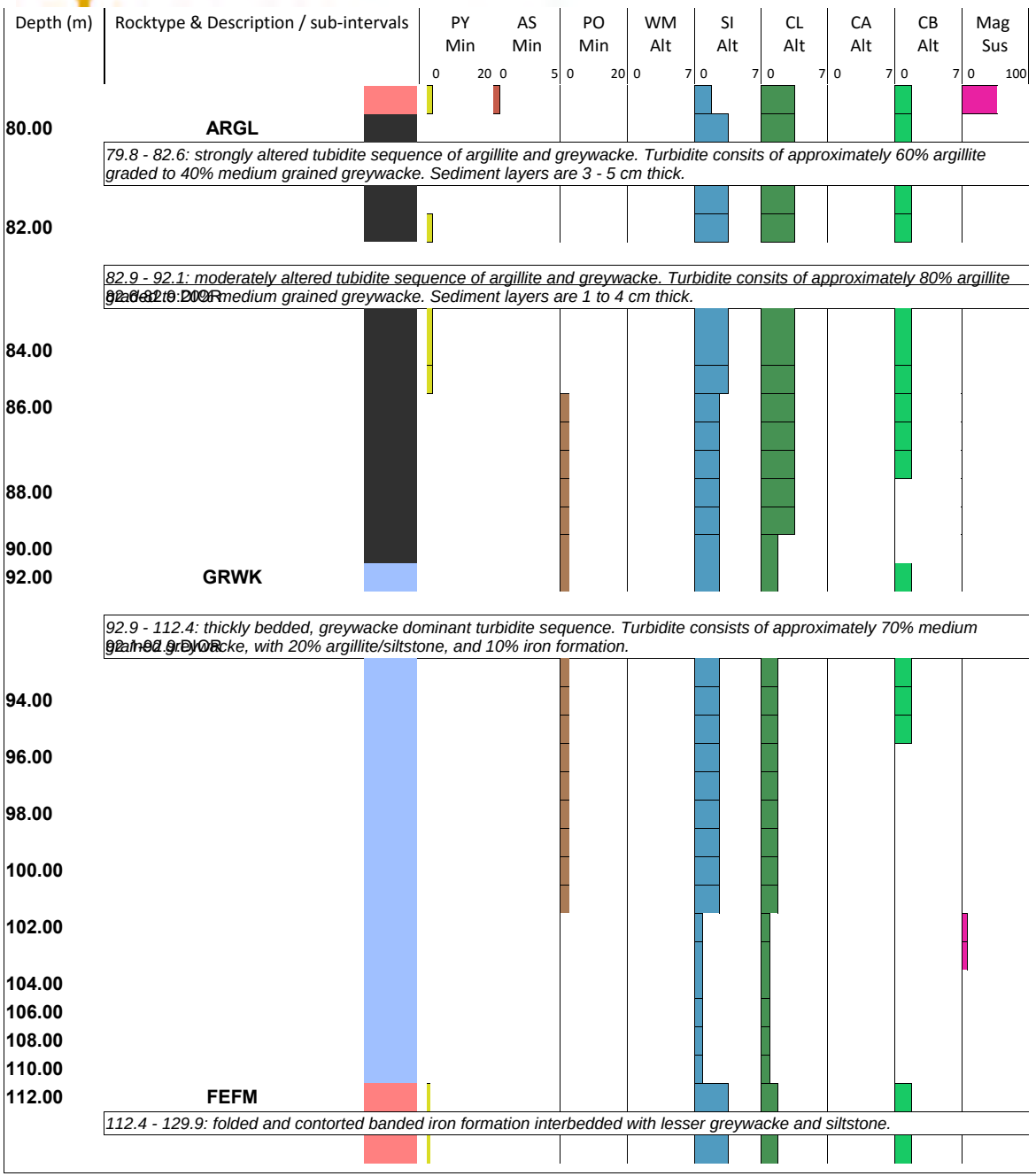
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-07



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
79.00	79.80	0.80	S194295	0.023	617	27	28	-2
79.80	81.00	1.20	S194296	0.009	39	38	45	-2
81.00	82.00	1.00	S194297	-0.005	50	36	53	-2
82.00	83.00	1.00	S194298	-0.005	104	33	64	-2
83.00	84.00	1.00	S194299	0.006	31	32	65	-2
84.00	85.00	1.00	S194301	-0.005	19	22	37	-2
85.00	86.00	1.00	S194302	-0.005	23	37	64	-2
86.00	87.00	1.00	S194303	-0.005	119	34	68	-2
87.00	87.70	0.70	S194304	0.012	41	307	127	-2
87.70	89.00	1.30	S194305	0.005	55	46	197	-2
89.00	90.00	1.00	S194306	-0.005	25	7	596	-2
90.00	91.00	1.00	S194307	-0.005	39	1	39	-2
92.10	92.90	0.80	S194308	-0.005	182	55	65	-2
92.90	94.00	1.10	S194309	0.006	73	6	12	-2
94.00	95.00	1.00	S194311	0.006	256	41	105	-2
95.00	96.00	1.00	S194312	0.005	135	13	46	-2
96.00	97.00	1.00	S194313	-0.005	90	82	38	-2
97.00	98.00	1.00	S194314	0.034	528	56	37	-2
98.00	99.00	1.00	S194315	-0.005	45	1	24	-2
99.00	100.00	1.00	S194316	-0.005	31	1	88	-2
100.00	101.00	1.00	S194317	0.008	128	100	457	-2
101.00	102.00	1.00	S194318	0.012	84	109	273	-2
102.00	102.70	0.70	S194319	0.007	78	153	89	-2
102.70	104.00	1.30	S194321	-0.005	26	23	54	-2
111.40	112.40	1.00	S194322	-0.005	35	64	67	-2
112.40	113.00	0.60	S194323	0.022	10	37	21	-2

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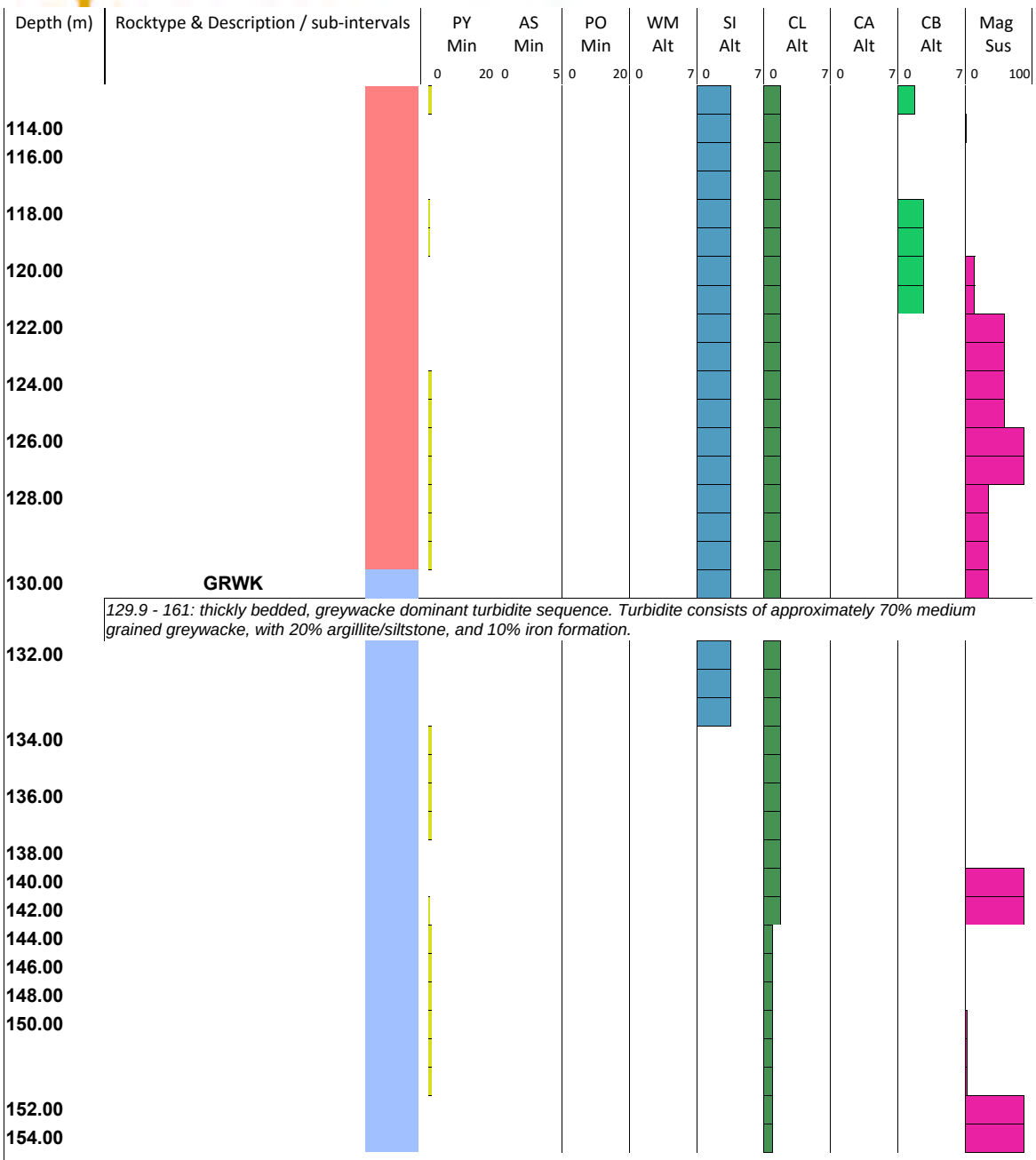
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-07



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
113.00	114.00	1.00	S194324	-0.005	12	26	43	-2
116.00	117.40	1.40	S194325	-0.005	18	50	60	-2
117.40	118.00	0.60	S194326	-0.005	6	7	15	-2
118.00	119.00	1.00	S194327	-0.005	2	13	33	-2
119.00	120.00	1.00	S194328	-0.005	5	25	13	-2
120.00	120.90	0.90	S194329	0.099	6	33	19	-2
120.90	122.00	1.10	S194331	0.01	24	26	48	-2
122.00	123.20	1.20	S194332	-0.005	21	87	63	-2
123.20	124.00	0.80	S194333	-0.005	6	22	18	-2
124.00	125.50	1.50	S194334	-0.005	13	35	28	-2
125.50	127.00	1.50	S194335	0.006	11	37	30	-2
127.00	128.00	1.00	S194336	-0.005	5	18	21	-2
128.00	129.00	1.00	S194337	-0.005	8	9	21	-2
129.00	129.90	0.90	S194338	-0.005	29	44	41	-2
129.90	131.00	1.10	S194339	0.089	25	43	62	-2
132.00	132.70	0.70	S194341	-0.005	15	40	56	-2
132.70	133.60	0.90	S194342	-0.005	6	29	46	-2
133.60	135.00	1.40	S194343	-0.005	3	16	45	-2
135.00	136.00	1.00	S194344	-0.005	4	27	36	-2
136.00	137.00	1.00	S194345	-0.005	12	44	60	-2
137.00	138.00	1.00	S194346	-0.005	19	45	63	-2
141.00	142.00	1.00	S194347	-0.005	13	32	42	-2
142.00	142.50	0.50	S194348	-0.005	11	42	58	-2
149.00	150.30	1.30	S194349	-0.005	13	44	58	-2
150.30	151.50	1.20	S194351	-0.005	25	53	51	-2
151.50	152.00	0.50	S194352	-0.005	18	38	54	-2

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-07

Depth (m)	Rocktype & Description / sub-intervals	PY Min 0 20	AS Min 0 5	PO Min 0 20	WM Alt 0 7	SI Alt 0 7	CL Alt 0 7	CA Alt 0 7	CB Alt 0 7	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
156.00																			
158.00																			
160.00																			

End of Hole @ 161

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-08**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	4/3/2017
UTM Easting:	678529	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	4/4/2017
UTM Northing:	5594540	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	408	Casing Depth (m):	3	Length (m):	203	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279403	Drill Started:	3/31/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	4/2/2017
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
						Parent Hole:	

Comments:

Drill hole NDR17-08 targeted a surface soil anomaly with 79 ppb Au and anomalous arsenic. The geology of this hole can be divided into two primary sections, separted by a brittle fault from 124 to 152 m. The upper section consists of chert-aminated argillite interbedded with siltstone, greywacke, and iron formation. The iron formation is argillaceous to silty in texture and may contain chert laminae. The lower section of the hole primarily consits of monotonous argillite with little to no bedding, poorly defined foliation, and sparse cherty laminae. All portions of the hole are intruded by highly strained diorite dykes. Diorite dykes in the upper section of the hole are characterized by a silica halo and peripheral pyrite envelope. The diorite and surrounding wallrock contain augens of garnet. Diorite dykes in the lower section of the hole lack a silica and pyrite halo, but are cross-cut by thick quartz veining. Similar to diorite in the upper section of the hole, the diorite dykes in the lower section contain garnet augens. It is possible that sedimentary layers, e.g. greywacke, in the upper portion of the hole is inherently more permeable and more favourable to silica flooding during deformation. It appears the silica-rich fluids ultimately scavanged and displaced sulphur away from the diorite dykes. Argillite in the lower portion of the hole may have been too impermeable for fluid flow and deformation, thus strain was accomodated brittaly by the diorite. There is no significant veining, alteration or mineralization through the iron formation layers in this hole despite signs of alteration such as the silica flooding around the diorite dykes. This may be due to the argillaceous and silty nature of the iron formations in this hole. The iron formations either do not contain sufficient iron to make a good chemical trap for sulphur in transiting fluids or the sediments are rheologically too incompetant to develop brittle failure which is favorable to abundant vein formation.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
50	-40.9	321.6	-3.1	318.5	EZShot	Dorado	3/31/2017	52457	☐	
101	-38.2	328.6	-3.1	325.5	EZShot	Dorado	1/4/2017	61996	☐	
152	-36.4	333	-3.1	329.9	EZShot	Dorado	1/4/2017	56216	☑	
200	-35.2	325.7	-3.1	322.6	EZShot	Dorado	1/4/2017	55079	☐	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
0.00	**0.56**	**OVBN Overburden** <<Vein: 0 - 24.4 2% Quartz 45 deg. >> foliation parallell and subparallel quartz-carbonate veins. Veins are 6-10 mm wide, spaced 10 cm and more apart. Vein surfaces are irregular, may have an ankerite selvedge, and are generally planar in form.									
0.56	**13.20**	**CHAR Banded Chert-Argillite black VFG** 0.56 - 13.2: thick 2-5 cm layers of argillite to siltstone interlayered with thin laminae of chert. Succession contains 30-50 cm thick beds of banded iron formation spaced 7-9 m apart.	3.10	4.00	0.90	s194353	-0.005	9	75	68	-2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
		<<Min: 3.1 - 6.5 0.5% pyrite>> fine to medium grained disseminated pyrite in foliation cleavage.	4.00	5.00	1.00	s194354	0.005	17	75	73	-2
		<<Struc: 4.34 - 4.44 Weak Fault zone>> brittle fault zone of broken rock and gouge.	5.00	6.50	1.50	s194355	-0.005	18	104	96	-2
		<<Struc: 10.4 - 10.4 Bedded>> chert laminae in argillite.	6.50	7.00	0.50	s194356	-0.005	19	98	92	-2
13.20	**22.90**	**FEFM Iron Formation dark grey VFG**	16.00	17.00	1.00	s194357	-0.005	3	62	63	-2
		13.2 - 22.9: moderately thick beds of argillic iron formation interbedded with thin laminae of chert.									
		<<Min: 17 - 18 1% pyrite>> medium to coarse grained disseminated and fracture hosted pyrite adjacent to minor fault.	17.00	18.00	1.00	s194358	-0.005	4	63	66	-2
		<<Alt: 22 - 23 Weak to moderate Chlorite >> 5-10 cm wide selvedge of strong chlorite alteration adjacent quartz vein in argillaceous iron formation.	18.00	19.00	1.00	s194359	-0.005	3	53	66	-2
		<<Struc: 13.37 - 13.37 Veining - fracture fill>> 4 cm wide quartz-ankerite vein in banded iron formation.									
22.90	**23.20**	**DIOR Diorite medium grey CG**	22.90	23.20	0.30	s194361	-0.005	2	45	76	-2
		22.9 - 23.2: strongly sheared coarse grained diorite. Recrystallized biotite in the groundmass defines a strong foliation fabric in the groundmass. augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.									
		<<Struc: 22.9 - 22.9 contact>> diorite dyke cutting banded iron formation.									
23.20	**23.90**	**FEFM Iron Formation dark grey VFG**	23.20	23.90	0.70	s194362	-0.005	4	80	78	-2
		23.2 - 23.9: moderately thick beds of argillaceous iron formation interbedded with thin laminae of chert.									
		<<Min: 23.2 - 23.9 0.5% pyrite>> fine grained disseminated pyrite between diorite dykes.									
23.90	**24.40**	**DIOR Diorite medium grey CG**	23.90	24.40	0.50	s194363	-0.005	-2	33	69	-2
		23.9 - 24.4: strongly sheared coarse grained diorite. Augens of pink garnets in diorite. Recrystallized biotite in the groundmass defines a strong foliation fabric in the groundmass. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.									
24.40	**35.20**	**CHAR Banded Chert-Argillite medium grey VFG**	24.40	25.00	0.60	s194364	-0.005	4	72	88	-2
		24.4 - 35.2: moderately thick 2-5 cm layers of argillite to siltstone interlayered with thin laminae of chert. Succession contains 30-50 cm thick beds of banded iron formation spaced 7-9 m apart.									
		<<Min: 27 - 35.8 1% pyrite>> disseminated pyrite in quartz-ankerite veins and disseminated into wallrock.	25.00	26.00	1.00	s194365	-0.005	3	53	71	-2
		<<Alt: 24.4 - 30 Weak to moderate Chlorite >> narrow intervals of strong chlorite alteration adjacent to quartz-ankerite veins. Alteration envelopes are 5-10 cm away from the veins.	26.00	27.00	1.00	s194366	-0.005	5	50	68	-2
		<<Alt: 32.4 - 35 Strong Silicification >> pervasive silica alteration in argillites adjacent to breccia.	27.00	28.00	1.00	s194367	-0.005	5	94	110	-2
		<<Alt: 35 - 36.2 Weak to moderate Chlorite >> pervasive chlorite alteration in groundmass of breccia.	28.00	29.00	1.00	s194368	-0.005	3	56	77	-2
		<<Vein: 24.4 - 35.8 17% Quartz 30 deg. >> quartz veins with coarse grained ankerite and sparse, disseminated pyrite. Quartz veins are 1 cm to 3 cm thick, have irregular surfaces, and are networking or folded in form.	29.00	30.00	1.00	s194369	-0.005	4	69	82	-2
		<<Struc: 26.34 - 26.34 Veining - fracture fill>> 3 cm wide quartz-ankerite vein.	30.00	31.50	1.50	s194371	-0.005	4	42	69	-2
			31.50	32.40	0.90	s194372	-0.005	3	48	74	-2

From (m)	To (m)	Rocktype & Description

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
32.40	34.00	1.60	s194373	-0.005	3	72	66	-2
34.00	35.40	1.40	s194374	-0.005	2	56	77	-2
35.40	35.80	0.40	s194375	-0.005	2	24	80	-2
35.80	37.00	1.20	s194376	0.005	4	37	74	-2
42.00	43.00	1.00	s194377	-0.005	5	38	44	-2
43.00	44.00	1.00	s194378	-0.005	3	60	89	-2
80.10	80.90	0.80	s194379	-0.005	14	52	70	-2

35.20 37.00 BRXF Breccia Fault medium grey CG

35.2 - 37: Matrix supported breccia with mudstone and siltstone groundmass. Clasts consist of angular chert, argillite, and siltstone fragments. Breccia cross-cut by discontinuous quartz veins.

<<Min: 36 - 43 1% pyrite>> disseminated and coarse blebs of pyrite in quartz-ankerite veins and foliation cleavage.

<<Vein: 35.8 - 77.3 2% Quartz 60 deg. >> foliation parallell and subparallel quartz-carbonate veins. Veins are 6-10 mm wide, spaced 10 cm and more apart. Vein surfaces are irregular, may have an ankerite selvedge, and are generally planar in form.

37.00 47.60 CHAR Banded Chert-Argillite dark grey VFG

37 - 47.6: moderately thick 2-5 cm layers of argillite to siltstone interlayered with thin laminae of chert intermittently intruded by diorite dykelets. Diorite dykes are 5 - 30 cm wide, spaced 2-5 m apart. Argillite around diorite dykes are strongly silicified.

<<Alt: 38.1 - 47.5 Strong Silicification >> pervasive silica alteration in argillites adjacent to breccia.

<<Struc: 37 - 37 contact>> contact of breccia with argillite.

<<Struc: 40.05 - 40.05 contact>> diorite dykelet cutting silicified argillite.

47.60 67.60 FEFM Iron Formation dark grey VFG

47.6 - 67.6: Argillaceous iron formation with laminae of chert. Iron formation does not have magnetite-only bands, but is composed of clay and silt mixed with varying amounts of magnetite and interlayered with chert.

<<Struc: 52.5 - 52.5 Bedded>> chert laminae in iron formation.

67.60 68.30 DIOR Diorite medium grey CG

67.6 - 68.3: strongly sheared coarse grained diorite. Augens of pink garnets in diorite. Recrystallized biotite in the groundmass defines a strong foliation fabric in the groundmass. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.

68.30 77.30 FEFM Iron Formation dark grey VFG

68.3 - 77.3: Argillaceous iron formation with laminae of chert. Iron formation does not have magnetite only bands, but is composed of clay and silt mixed with varying amounts of magnetite and interlayered with chert.

77.30 80.10 ARGL Argillite medium grey VFG

77.3 - 80.1: argillite dominant turbidite sequence.

<<Vein: 77.3 - 98.7 1% Quartz 50 deg. >> planar quartz-carbonate veins, 5-10 mm thick, mostly parallel to foliation.

80.10 80.90 DIOR Diorite light grey CG

80.1 - 80.9: 10-15 cm wide diorite dykes in argillite dominant turbidite. Augens of pink garnets in diorite.

From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
			<<Alt: 80.1 - 80.2 Weak Garnet>> garnet augens in diorite.											
			<<Struc: 80.1 - 80.1 contact>> diorite dyke. Contact rotated to bedding in argillite.											
80.90	**93.80**	**CHAR**	**Banded Chert-Argillite**	**dark grey**	**VFG**	80.90	82.00	1.10	s194381	-0.005	6	52	63	-2
80.9 - 93.8: argillite with chert laminae interbedded with argillaceous iron formation. Iron formation layers are mostly less than 5 cm in thickness with a few thicker beds at 40 - 60 cm thick.														
			<<Min: 82 - 83.5 1.5% pyrite>> fine grained disseminations, and lesser foliation parallel blebs of pyrite.			82.00	83.50	1.50	s194382	-0.005	5	43	91	-2
			<<Min: 91.6 - 92 5% pyrite>> narrow 15 cm interval of banded pyrite mineralization parallel to foliation. Pyrite mineralization occurs up hole from strongly silicified zone adjacent ot diorite intrusions.			83.50	85.00	1.50	s194383	-0.005	7	72	102	-2
			<<Alt: 88 - 97.5 moderate to strong Silicification >> pervasive silica alteration around diorite intrusions. Varying levels of texture destructive silica flooding. No significant quartz veining assoicated with silica alteration.			91.00	92.50	1.50	s194384	-0.005	56	54	70	-2
			<<Struc: 85.19 - 85.19 Bedded>> chert bed in argillite			92.50	93.80	1.30	s194385	-0.005	324	155	43	-2
93.80	**96.70**	**DIOR**	**Diorite**	**light grey**	**CG**	93.80	95.00	1.20	s194386	-0.005	55	18	30	-2
93.8 - 96.7: numerous diorite dykes, augens of pink garnets in diorite. 10-45 cm wide intruding argillite dominant turbidite.														
			<<Alt: 93.8 - 94.25 Weak Garnet>> garnet augens in diorite.											
			<<Alt: 94.58 - 94.75 Weak Garnet>> garnet augens in diorite.											
96.70	**103.90**	**FEFM**	**Iron Formation**	**dark grey**	**VFG**	103.00	103.90	0.90	s194387	-0.005	2	37	109	-2
96.7 - 103.9: argillaceous banded iron formation interbedded with lesser argillite and chert. Chert occurs as laminae within iron formation and argillite.														
			<<Alt: 97.5 - 109.9 Weak to moderate Silicification >> pervasive silica alteration around diorite intrusions. Varying levels of texture destructive silica flooding. No significant quartz veining assoicated with silica alteration.											
			<<Vein: 98.7 - 107.4 3% Quartz 62 deg. >> planar and wormy quartz veins with irregular surfaces. Most veins are discordant with a lesser portion of approximately 30% being foliation parallel.											
			<<Struc: 99.7 - 99.7 Veining - fracture fill>> 3 cm wide quartz vein parallel to foliation.											
103.90	**105.10**	**DIOR**	**Diorite**	**light grey**	**CG**	103.90	105.10	1.20	s194388	-0.005	21	92	200	-2
103.9 - 105.1: strongly sheared coarse grained diorite. Augens of pink garnets in diorite. Recrystallized biotite in the groundmass defines a strong foliation fabric in the groundmass. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.														
			<<Min: 104 - 107 3% pyrite>> interval of blebby and banded pyrite mineralization parallel to foliation. Pyrite mineralization occurs down hole from strongly silicified zone adjacent ot diorite intrusions.											
			<<Alt: 104 - 104.3 Weak Garnet>> garnet augens in diorite.											
105.10	**109.90**	**FEFM**	**Iron Formation**	**dark grey**	**VFG**	105.10	106.00	0.90	s194389	-0.005	3	15	148	-2
105.1 - 109.9: argillaceous iron formation with fine chert laminae interbedded with greywacke dominant turbidite. Graded bedding in turbidite indicates tops up hole orientation..														

From (m)	To (m)		Rocktype & Description		
			<<Vein: 107.4 - 118.2 1% Quartz 64 deg. >> planar quartz-carbonate veins, 2-5 mm thick, mostly parallel to foliation.		
109.90	**126.60**	**GRWK**	**Greywacke**	**light grey**	**MG**
			109.9 - 126.6: greywacke dominant turbidite interbedded with argillaceous iron formation. Iron formation layers are 10-30 cm thick, spaced 6-9 m apart. Greywacke contains broken chert clasts and exhibits poor sorting with clay and silt groundmass.		
			<<Min: 117.4 - 122 7% pyrite>> interval of blebby and banded pyrite mineralization parallel to foliation. Pyrite mineralization occurs down hole from strongly silicified zone adjacent wide fault zone down hole.		
			<<Alt: 117.3 - 124.5 Weak to moderate Silicification >> pervasive silica alteration adjacent to fault zone down hole. Varying levels of texture-destructive silica flooding. No significant quartz veining assoicated with silica alteration.		
			<<Alt: 122 - 140 Weak to moderate Chlorite >> pervasive chlorite alteration through damage zone adjacent to and through fault zone.		
			<<Vein: 118.2 - 134.8 7% Quartz>> wide interval of varying vein orientations through fault zone. Veins are networking and branching in form and mostly discordant.		
			<<Struc: 112.95 - 112.95 Foliated>> foliation in greywacke dominant turbidite.		
			<<Struc: 124.64 - 129.4 Fault zone>> brittle fault zone of sheared and friable rock.		
126.60	**133.00**	**FEFM**	**Iron Formation**	**dark grey**	**VFG**
			126.6 - 133: argillaceous iron formation with chert laminae interbedded with lesser argillite.		
			<<Struc: 132.6 - 132.8 Fault zone>> brittle fault zone of sheared and friable rock.		
133.00	**140.30**	**ARGL**	**Argillite**	**medium grey**	**VFG**
			133 - 140.3: sheared and transposed argillite with sparse chert laminae.		
			<<Vein: 134.8 - 140.3 2% Quartz 70 deg. >> interval of varying vein orientations adjacent to fault zone. Veins are networking and branching in form and mostly discordant.		
			<<Struc: 135 - 136.5 Fault zone>> brittle fault zone of sheared and friable rock. 10 to 40 cm intervals of coherent rock throughout fault zone. Coherent rock segments consist of fractured and transposed bedding in rock.		
			<<Struc: 139 - 139.6 Fault zone>> brittle fault zone of sheared and friable rock.		
140.30	**142.30**	**DIOR**	**Diorite**	**light grey**	**CG**
			140.3 - 142.3: sheared diorite intruding argillite. Diorites are 0.5 m to 1.2 m thick, strongly sheared with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.		
			<<Alt: 140.3 - 142.4 Weak Garnet>> garnet augens in diorite and argillite on margin of diorite.		
			<<Vein: 140.3 - 147.7 5% Quartz 35 deg. >> interval of denser veining through diorite intrusions in argillite. Veins are 5 mm to 20 mm in thickness.		

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
106.00	107.00	1.00	s194391	-0.005	-2	66	127	-2
107.00	108.00	1.00	s194392	-0.005	3	14	87	-2
117.00	118.00	1.00	s194393	-0.005	3	50	78	-2
118.00	119.00	1.00	s194394	-0.005	16	30	81	-2
119.00	120.00	1.00	s194395	-0.005	13	72	102	-2
120.00	121.00	1.00	s194396	-0.005	13	84	103	-2
121.00	122.00	1.00	s194397	-0.005	11	34	74	-2
122.00	123.00	1.00	s194398	-0.005	6	27	92	-2
123.00	124.50	1.50	s194399	-0.005	7	34	68	-2
124.50	126.00	1.50	s194001	-0.005	5	33	48	-2
126.00	126.60	0.60	s194002	-0.005	2	44	57	-2
126.60	128.00	1.40	s194003	-0.005	3	48	62	-2
141.50	142.30	0.80	s194004	0.009	4	43	61	-2

From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
142.30	**143.30**	**ARGL**	**Argillite**	**medium grey**	**VFG**	142.30	143.30	1.00	s194005	0.005	3	91	60	-2

142.3 - 143.3: argillite with sparse chert laminae.

<<Min: 142.3 - 143 4% pyrite>> interval of coarse grained disseminated pyrite adjacent to damage zone of fault up hole.

143.30	**147.70**	**DIOR**	**Diorite**	**light grey**	**CG**

143.3 - 147.7: Sheared diorite intruding argillite. Diorites are 0.5 m to 1.2 m thick, strongly sheared with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.

<<Alt: 144 - 144.3 Weak Garnet>> garnet augens in diorite.

147.70	**160.60**	**ARGL**	**Argillite**	**medium grey**	**VFG**

147.7 - 160.6: Massive argillite with sparse laminae of chert and beds of banded iron formation. Banded iron formation layers less than 5 cm thick and spaced greater than 10 m apart.

<<Alt: 157 - 162.4 Moderate Silicification >> pervasive silica alteration around diorite intrusions. Varying levels of texture-destructive silica flooding.interval of significant veining through diorite intrusion.

<<Vein: 147.7 - 160.6 1% Calcium carbonate/Carbonate 50 deg. >> irregular foliation parallel and branching carbonate veins through argillite.

<<Struc: 149.6 - 149.8 Fault zone>> brittle fault zone of sheared and friable rock.

<<Struc: 152.1 - 152.2 Fault zone>> brittle fault zone of sheared and friable rock.

160.60	**162.40**	**DIOR**	**Diorite**	**light grey**	**CG**	160.60	161.00	0.40	s194006	-0.005	14	9	59	-2

160.6 - 162.4: Sheared diorite with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.augens of pink garnets in diorite. Diorite is cut by 10-15 % quartz-ankerite veins 5-15 cm thick. No sulphides present in quartz veins.

<<Alt: 160.6 - 162.4 Weak Garnet>> garnet augens in diorite. | 161.00 | 162.40 | 1.40 | s194007 | -0.005 | 9 | 9 | 47 | -2

<<Vein: 160.6 - 164.4 15% Quartz 60 deg. >> interval of denser veining through diorite intrusions in argillite. Veins are 1 - 10 cm in thickness.

<<Struc: 160.6 - 160.6 contact>> diorite dyke intruding argillite.

<<Struc: 161.27 - 161.27 Veining - fracture fill>> 2 cm wide quartz vein in diorite dyke.

162.40	**186.30**	**ARGL**	**Argillite**	**light grey**	**VFG**	162.40	163.40	1.00	s194008	-0.005	-2	49	69	-2

162.4 - 186.3: Mostly massive argillite with sparse intervals of chert laminae. Chert laminae intervals are spaced 12-16 m apart. One 15 cm thick iron formation bed at 131 m.

<<Vein: 164.4 - 185.5 0.5% Quartz 66 deg. >> sparse planar veins with smooth surfaces. | 173.00 | 174.00 | 1.00 | s194009 | -0.005 | 4 | 43 | 59 | -2

<<Vein: 185.5 - 189 4% Quartz 58 deg. >> higher density veining through interval of argillite with interbedded banded iron formation. | 185.00 | 186.30 | 1.30 | s194011 | -0.005 | 3 | 33 | 54 | -2

<<Struc: 175.79 - 175.79 Veining - fracture fill>> quartz-calcite vein in argillite.

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GeoSpark Logger ~ Drill Log

Project: **Savant Lake** **Hole Number:** **NDR17-08**

From (m)	To (m)	Rocktype & Description			
186.30	**188.60**	**FEFM**	**Iron Formation**	**medium grey**	**VFG**

186.3 - 188.6: Thin beds of banded iron formation in massive argillite interbedded with moderately thick layers of chert. Iron formation is banded and consists of magnetite and chert bands less than 3 cm thick, spaced 50 cm to 100 cm apart.

<<Struc: 186.3 - 186.3 Bedded>> iron formation bed in argillite.

188.60	**203.00**	**ARGL**	**Argillite**	**light grey**	**VFG**

188.6 - 203: Thick beds of argilllite with sparse interlayers of chert laminae. Lesser intervals of fine grained greywacke interbedded with argillite.

<<Vein: 189 - 203 1% Quartz 24 deg. >> moderately sparse veining parallel to foliation in argillite.

End of Hole @ 203

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
186.30	187.00	0.70	s194012	-0.005	6	44	53	-2
187.00	188.00	1.00	s194013	-0.005	5	38	54	-2
188.00	188.60	0.60	s194014	0.014	4	36	54	-2
188.60	189.50	0.90	s194015	-0.005	3	49	68	-2
199.00	200.00	1.00	s194016	-0.005	4	50	74	-2

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GeoSpark Logger ~ Strip Log

Project: **Savant Lake** **Hole Number:** **NDR17-08**

Prospect:	Svnt	Hole Type:	DD	Survey Type:	GPS	Logged By:	Daniel Lui
Grid:	NAD83_Z15	Hole Diameter:		Survey By:	Murray Jones	Date Logging Start:	4/3/2017
UTM Easting:	678529	Core Size:	NQ	Azimuth:	330	Date Logging Complete:	4/4/2017
UTM Northing:	5594540	Casing Pulled?:	Yes	Dip:	-45	Drill Company:	Dorado
UTM Elev. (m):	408	Casing Depth (m):	3	Length (m):	203	Drill Rig:	Hydracore
Local Easting:		Stored?:	Yes	Claims Title:	4279403	Drill Started:	3/31/2017
Local Northing:		Cemented?:	No	Core Storage Loc.:	Cliff and Roma's Lodge	Drill Completed:	4/2/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

Drill hole NDR17-08 targeted a surface soil anomaly with 79 ppb Au and anomalous arsenic. The geology of this hole can be divided into two primary sections, separted by a brittle fault from 124 to 152 m. The upper section consists of chert-aminated argillite interbedded with siltstone, greywacke, and iron formation. The iron formation is argillaceous to silty in texture and may contain chert laminae. The lower section of the hole primarily consits of monotonous argillite with little to no bedding, poorly defined foliation, and sparse cherty laminae. All portions of the hole are intruded by highly strained diorite dykes. Diorite dykes in the upper section of the hole are characterized by a silica halo and peripheral pyrite envelope. The diorite and surrounding wallrock contain augens of garnet. Diorite dykes in the lower section of the hole lack a silica and pyrite halo, but are cross-cut by thick quartz veining. Similar to diorite in the upper section of the hole, the diorite dykes in the lower section contain garnet augens. It is possible that sedimentary layers, e.g. greywacke, in the upper portion of the hole is inherently more permeable and more favourable to silica flooding during deformation. It appears the silica-rich fluids ultimately scavanged and displaced sulphur away from the diorite dykes. Argillite in the lower portion of the hole may have been too impermeable for fluid flow and deformation, thus strain was accomodated brittaly by the diorite. There is no significant veining, alteration or mineralization through the iron formation layers in this hole despite signs of alteration such as the silica flooding around the diorite dykes. This may be due to the argillaceous and silty nature of the iron formations in this hole. The iron formations either do not contain sufficient iron to make a good chemical trap for sulphur in transiting fluids or the sediments are rheologically too incompetant to develop brittle failure which is favorable to abundant vein formation.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
50	-40.9	321.6	-3.1	318.5	EZShot	Dorado	3/31/2017	52457	☐	
101	-38.2	328.6	-3.1	325.5	EZShot	Dorado	1/4/2017	61996	☐	
152	-36.4	333	-3.1	329.9	EZShot	Dorado	1/4/2017	56216	☑	
200	-35.2	325.7	-3.1	322.6	EZShot	Dorado	1/4/2017	55079	☐	

Depth (m)	Rocktype & Description / sub-intervals	PY Min 0 20	AS Min 0 5	PO Min 0 20	WM Alt 0 7	SI Alt 0 7	CL Alt 0 7	CA Alt 0 7	CB Alt 0 7	Mag Sus 0 100
0.00	**CHAR**									
	0.56 - 13.2: thick 2-5 cm layers of argillite to siltstone interlayered with thin laminae of chert. Succession contains 30-50 cm thick beds of banded iron formation spaced 7-9 m apart.									
2.00										
4.00										
6.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
3.10	4.00	0.90	s194353	-0.005	9	75	68	-2
4.00	5.00	1.00	s194354	0.005	17	75	73	-2
5.00	6.50	1.50	s194355	-0.005	18	104	96	-2

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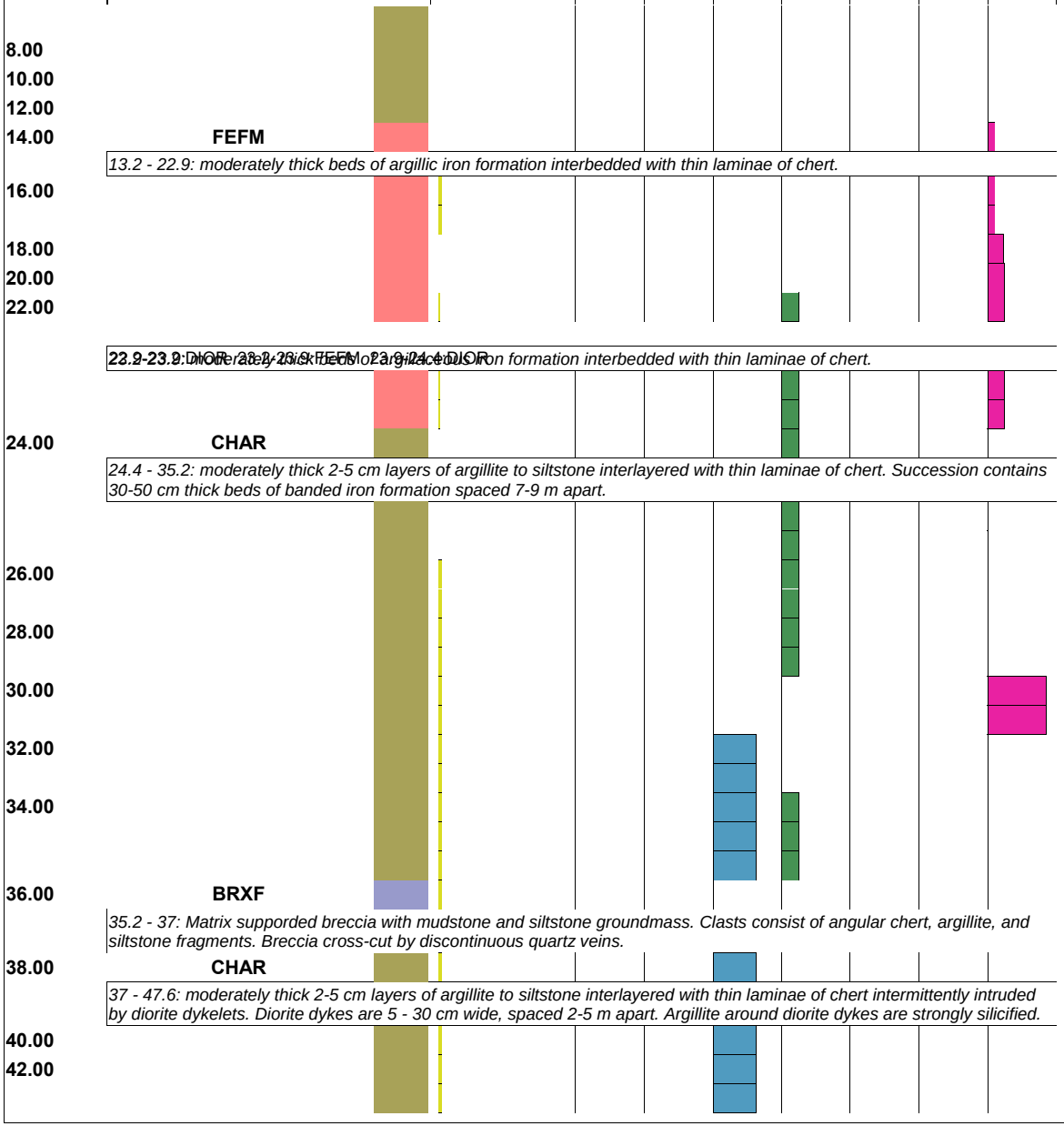
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-08



From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
6.50	7.00	0.50	s194356	-0.005	19	98	92	-2
16.00	17.00	1.00	s194357	-0.005	3	62	63	-2
17.00	18.00	1.00	s194358	-0.005	4	63	66	-2
18.00	19.00	1.00	s194359	-0.005	3	53	66	-2
22.90	23.20	0.30	s194361	-0.005	2	45	76	-2
23.20	23.90	0.70	s194362	-0.005	4	80	78	-2
23.90	24.40	0.50	s194363	-0.005	-2	33	69	-2
24.40	25.00	0.60	s194364	-0.005	4	72	88	-2
25.00	26.00	1.00	s194365	-0.005	3	53	71	-2
26.00	27.00	1.00	s194366	-0.005	5	50	68	-2
27.00	28.00	1.00	s194367	-0.005	5	94	110	-2
28.00	29.00	1.00	s194368	-0.005	3	56	77	-2
29.00	30.00	1.00	s194369	-0.005	4	69	82	-2
30.00	31.50	1.50	s194371	-0.005	4	42	69	-2
31.50	32.40	0.90	s194372	-0.005	3	48	74	-2
32.40	34.00	1.60	s194373	-0.005	3	72	66	-2
34.00	35.40	1.40	s194374	-0.005	2	56	77	-2
35.40	35.80	0.40	s194375	-0.005	2	24	80	-2
35.80	37.00	1.20	s194376	0.005	4	37	74	-2
42.00	43.00	1.00	s194377	-0.005	5	38	44	-2
43.00	44.00	1.00	s194378	-0.005	3	60	89	-2

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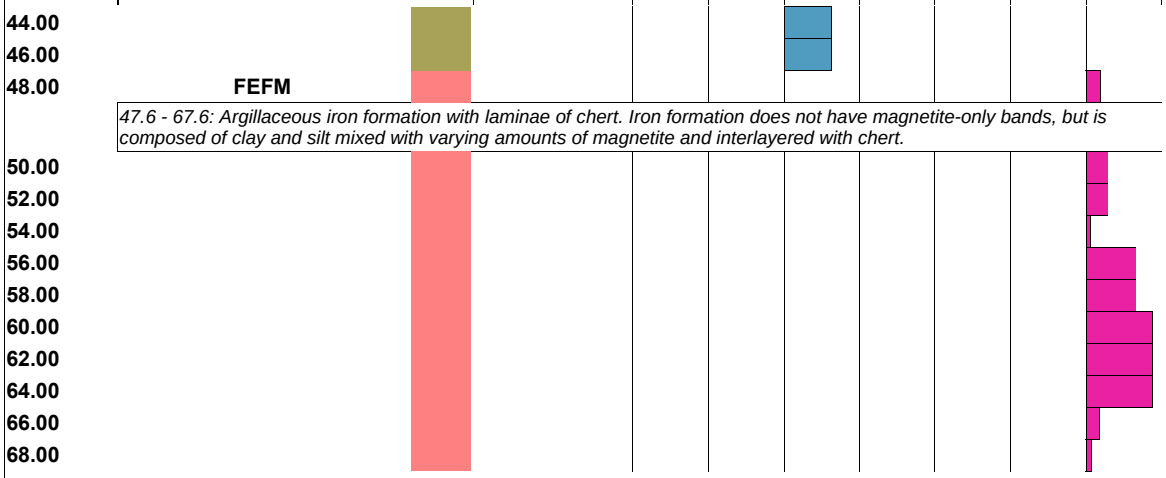
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-08



47.6 - 67.6: Argillaceous iron formation with laminae of chert. Iron formation does not have magnetite-only bands, but is composed of clay and silt mixed with varying amounts of magnetite and interlayered with chert.

68.3 - 77.3: Argillaceous iron formation with laminae of chert. Iron formation does not have magnetite only bands, but is composed of clay and silt mixed with varying amounts of magnetite and interlayered with chert.

77.3 - 80.1: argillite dominant turbidite sequence.

80.9 - 93.8: argillite with chert laminae interbedded with argillaceous iron formation. Iron formation layers are mostly less than 5 cm thick with a few thicker beds at 40 - 60 cm thick.

93.8 - 96.7: numerous diorite dykes, augens of pink garnets in diorite. 10-45 cm wide intruding argillite dominant turbidite.

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
80.10	80.90	0.80	s194379	-0.005	14	52	70	-2
80.90	82.00	1.10	s194381	-0.005	6	52	63	-2
82.00	83.50	1.50	s194382	-0.005	5	43	91	-2
83.50	85.00	1.50	s194383	-0.005	7	72	102	-2
91.00	92.50	1.50	s194384	-0.005	56	54	70	-2
92.50	93.80	1.30	s194385	-0.005	324	155	43	-2
93.80	95.00	1.20	s194386	-0.005	55	18	30	-2

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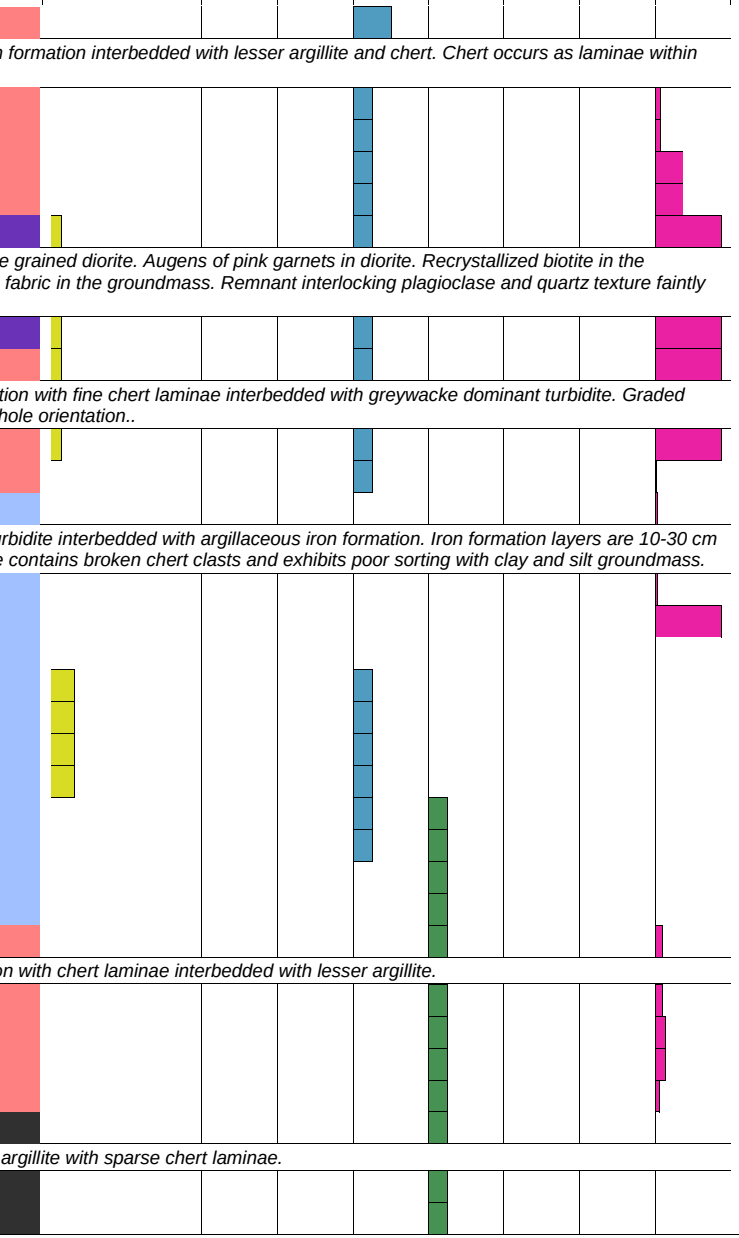
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-08



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
96.00	**FEFM**									
	96.7 - 103.9: argillaceous banded iron formation interbedded with lesser argillite and chert. Chert occurs as laminae within iron formation and argillite.									
98.00										
100.00										
102.00		103.00	103.90	0.90	s194387	-0.005	2	37	109	-2
104.00	**DIOR**	103.90	105.10	1.20	s194388	-0.005	21	92	200	-2
	103.9 - 105.1: strongly sheared coarse grained diorite. Augens of pink garnets in diorite. Recrystallized biotite in the groundmass defines a strong foliation fabric in the groundmass. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.									
		105.10	106.00	0.90	s194389	-0.005	3	15	148	-2
106.00	**FEFM**	106.00	107.00	1.00	s194391	-0.005	-2	66	127	-2
	105.1 - 109.9: argillaceous iron formation with fine chert laminae interbedded with greywacke dominant turbidite. Graded bedding in turbidite indicates tops up hole orientation..									
		107.00	108.00	1.00	s194392	-0.005	3	14	87	-2
108.00										
110.00	**GRWK**									
	109.9 - 126.6: greywacke dominant turbidite interbedded with argillaceous iron formation. Iron formation layers are 10-30 cm thick, spaced 6-9 m apart. Greywacke contains broken chert clasts and exhibits poor sorting with clay and silt groundmass.									
112.00										
114.00										
116.00		117.00	118.00	1.00	s194393	-0.005	3	50	78	-2
118.00		118.00	119.00	1.00	s194394	-0.005	16	30	81	-2
		119.00	120.00	1.00	s194395	-0.005	13	72	102	-2
120.00		120.00	121.00	1.00	s194396	-0.005	13	84	103	-2
		121.00	122.00	1.00	s194397	-0.005	11	34	74	-2
122.00		122.00	123.00	1.00	s194398	-0.005	6	27	92	-2
		123.00	124.50	1.50	s194399	-0.005	7	34	68	-2
124.00										
		124.50	126.00	1.50	s194001	-0.005	5	33	48	-2
126.00	**FEFM**	126.00	126.60	0.60	s194002	-0.005	2	44	57	-2
	126.6 - 133: argillaceous iron formation with chert laminae interbedded with lesser argillite.									
		126.60	128.00	1.40	s194003	-0.005	3	48	62	-2
128.00										
130.00										
132.00										
134.00	**ARGL**									
	133 - 140.3: sheared and transposed argillite with sparse chert laminae.									
136.00										
138.00										

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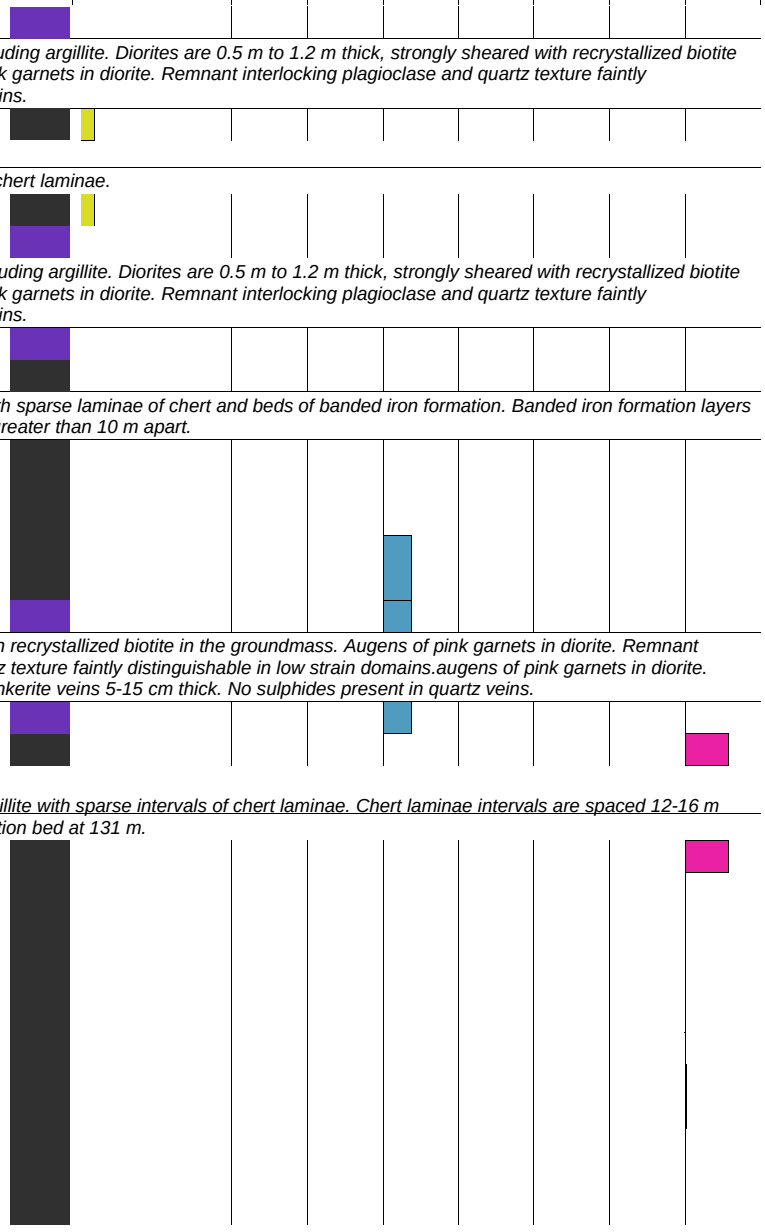
GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-08



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
140.00	**DIOR**									
	140.3 - 142.3: sheared diorite intruding argillite. Diorites are 0.5 m to 1.2 m thick, strongly sheared with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.									
142.00	**ARGL**	141.50	142.30	0.80	s194004	0.009	4	43	61	-2
	142.3-143.3: ARGL*argillite with sparse chert laminae.*	142.30	143.30	1.00	s194005	0.005	3	91	60	-2
144.00	**DIOR**									
	143.3 - 147.7: Sheared diorite intruding argillite. Diorites are 0.5 m to 1.2 m thick, strongly sheared with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.									
146.00										
148.00	**ARGL**									
	147.7 - 160.6: Massive argillite with sparse laminae of chert and beds of banded iron formation. Banded iron formation layers less than 5 cm thick and spaced greater than 10 m apart.									
150.00										
152.00										
154.00										
156.00										
158.00										
160.00	**DIOR**									
	160.6 - 162.4: Sheared diorite with recrystallized biotite in the groundmass. Augens of pink garnets in diorite. Remnant interlocking plagioclase and quartz texture faintly distinguishable in low strain domains.augens of pink garnets in diorite. Diorite is cut by 10-15 % quartz-ankerite veins 5-15 cm thick. No sulphides present in quartz veins.									
		160.60	161.00	0.40	s194006	-0.005	14	9	59	-2
162.00	**ARGL**	161.00	162.40	1.40	s194007	-0.005	9	9	47	-2
	162.4 - 186.3: Mostly massive argillite with sparse intervals of chert laminae. Chert laminae intervals are spaced 12-16 m apart. 1.5 m thick iron formation bed at 131 m.									
	160.6 - 162.4 DIOR	162.40	163.40	1.00	s194008	-0.005	-2	49	69	-2
164.00										
166.00										
168.00										
170.00										
172.00		173.00	174.00	1.00	s194009	-0.005	4	43	59	-2
174.00										
176.00										
178.00										
180.00										
182.00										
184.00										

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GeoSpark Logger ~ Strip Log

Project: Savant Lake **Hole Number:** NDR17-08

Depth (m)	Rocktype & Description / sub-intervals	PY Min 0 20	AS Min 0 5	PO Min 0 20	WM Alt 0 7	SI Alt 0 7	CL Alt 0 7	CA Alt 0 7	CB Alt 0 7	Mag Sus 0 100
186.00	**FEFM**									
	186.3 - 188.6: Thin beds of banded iron formation in massive argillite interbedded with moderately thick layers of chert. Iron formation is banded and consists of magnetite and chert bands less than 3 cm thick, spaced 50 cm to 100 cm apart.									
188.00	**ARGL**									
	188.6 - 203: Thick beds of argilllite with sparse interlayers of chert laminae. Lesser intervals of fine grained greywacke interbedded with argillite.									
190.00										
192.00										
194.00										
196.00										
198.00										
200.00										
202.00										

From (m)	To (m)	Width	Sample	Au ppm Au-	As ppm ME-ICP41	Cu ppm ME-	Zn ppm ME-ICP41	Sb ppm ME-ICP41
185.00	186.30	1.30	s194011	-0.005	3	33	54	-2
186.30	187.00	0.70	s194012	-0.005	6	44	53	-2
187.00	188.00	1.00	s194013	-0.005	5	38	54	-2
188.00	188.60	0.60	s194014	0.014	4	36	54	-2
188.60	189.50	0.90	s194015	-0.005	3	49	68	-2
199.00	200.00	1.00	s194016	-0.005	4	50	74	-2

End of Hole @ 203

Appendix C: Geochemical Certificates

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 1-APR-2017
Account: EIA

CERTIFICATE TB17048286

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 40 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 15-MAR-2017.

The following have access to data associated with this certificate:

J DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

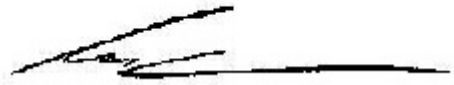
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 1-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17048286

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
Q930301		2.33	0.012	<0.2	4.45	38	<10	10	<0.5	<2	4.77	<0.5	63	162	155	9.15
Q930302		2.75	0.006	<0.2	4.19	25	<10	10	<0.5	<2	6.8	<0.5	51	155	147	7.26
Q930303		3.52	<0.005	<0.2	3.59	25	<10	10	<0.5	<2	7.9	<0.5	38	114	106	5.94
Q930304		3.77	<0.005	<0.2	3.78	26	<10	10	<0.5	<2	6.37	<0.5	44	122	119	6.18
Q930305		3.74	<0.005	<0.2	3.63	21	<10	10	<0.5	<2	6.34	<0.5	45	117	118	6.26
Q930306		6.50	<0.005	<0.2	3.40	39	<10	10	<0.5	<2	6.45	<0.5	51	121	137	5.40
Q930307		4.50	<0.005	<0.2	4.44	26	<10	<10	<0.5	<2	8.3	<0.5	44	144	139	7.12
Q930308		3.29	<0.005	<0.2	3.36	27	<10	10	<0.5	<2	8.1	<0.5	47	116	130	7.51
Q930309		3.74	0.005	<0.2	3.34	16	<10	10	<0.5	<2	6.11	<0.5	59	157	157	6.45
Q930310		3.76	0.005	<0.2	3.22	17	<10	10	<0.5	<2	6.61	0.5	60	152	159	6.47
Q930311		3.87	<0.005	<0.2	3.85	5	<10	<10	<0.5	<2	7.07	<0.5	52	161	150	6.89
Q930312		2.56	<0.005	<0.2	5.26	48	<10	<10	<0.5	<2	5.58	<0.5	47	165	67	10.85
Q930313		3.62	<0.005	<0.2	3.68	123	<10	10	<0.5	<2	5.57	0.6	61	131	150	9.22
Q930314		2.92	<0.005	<0.2	2.75	132	<10	10	<0.5	<2	3.69	0.6	55	125	127	9.36
Q930315		3.28	0.015	<0.2	1.51	185	<10	10	<0.5	<2	1.96	3.3	29	57	72	10.85
Q930316		2.78	0.008	<0.2	0.62	16	<10	<10	<0.5	<2	2.04	2.4	8	15	50	11.85
Q930317		2.01	<0.005	<0.2	0.24	24	<10	<10	<0.5	<2	1.96	<0.5	7	15	63	15.00
Q930318		3.87	<0.005	<0.2	0.15	13	<10	<10	<0.5	<2	1.69	0.5	2	13	19	15.60
Q930319		2.94	0.014	0.3	0.88	215	<10	10	<0.5	<2	1.75	1.8	12	15	119	21.7
Q930320		0.04	2.07	1.3	2.67	4	<10	140	<0.5	<2	1.75	0.5	14	79	119	3.59
Q930321		3.18	0.014	0.2	0.93	55	<10	20	<0.5	<2	0.69	<0.5	8	5	137	23.6
Q930322		2.94	0.101	0.5	0.86	277	<10	20	<0.5	<2	0.11	0.6	35	5	42	20.5
Q930323		3.04	<0.005	<0.2	0.16	2	<10	<10	<0.5	<2	0.20	<0.5	1	12	42	15.95
Q930324		2.82	0.024	0.7	0.99	226	<10	10	<0.5	3	0.09	<0.5	53	18	105	31.7
Q930325		3.08	0.016	0.4	0.70	186	<10	<10	<0.5	<2	0.14	<0.5	37	23	79	23.9
Q930326		3.21	0.023	0.6	0.67	226	<10	<10	<0.5	3	0.07	<0.5	46	18	79	24.7
Q930327		3.31	0.071	0.8	0.66	356	<10	<10	<0.5	<2	0.04	<0.5	76	12	91	28.6
Q930328		2.91	0.112	0.3	0.69	204	<10	10	<0.5	3	0.04	<0.5	46	20	95	23.6
Q930329		2.85	0.024	0.2	0.62	177	<10	10	<0.5	<2	0.29	0.7	6	18	96	19.35
Q930330		2.76	0.030	0.2	0.63	153	<10	10	<0.5	<2	0.35	1.0	7	17	98	20.8
Q930331		2.81	0.026	0.2	0.69	66	<10	<10	<0.5	<2	0.69	1.2	10	20	68	12.85
Q930332		2.59	0.075	0.2	0.75	17	<10	<10	<0.5	<2	0.26	1.6	26	20	81	15.10
Q930333		2.31	0.169	<0.2	0.81	555	<10	10	<0.5	<2	1.73	0.7	17	40	45	7.34
Q930334		3.97	0.007	<0.2	3.20	117	<10	10	<0.5	<2	5.68	<0.5	50	134	150	7.52
Q930335		3.68	<0.005	<0.2	3.46	119	<10	10	<0.5	<2	6.27	0.5	51	136	183	8.55
Q930336		2.77	0.021	<0.2	4.47	61	<10	<10	<0.5	<2	6.53	<0.5	46	155	128	8.74
Q930337		4.21	0.006	<0.2	4.27	76	<10	10	<0.5	<2	6.30	<0.5	46	142	150	8.49
Q930338		4.01	0.027	<0.2	5.03	34	<10	10	<0.5	<2	4.56	<0.5	52	128	161	10.90
Q930339		2.62	<0.005	<0.2	4.43	30	<10	20	<0.5	<2	3.66	<0.5	31	134	105	8.93
Q930340		1.37	<0.005	<0.2	0.45	<2	<10	40	<0.5	<2	0.21	<0.5	2	11	4	1.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 1-APR-2017
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Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17048286

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930301		10	<1	0.01	<10	2.57	1320	1	0.06	172	240	<2	2.14	8	31	15
Q930302		10	<1	0.01	<10	2.52	1615	<1	0.05	147	200	<2	0.50	4	29	18
Q930303		10	<1	0.01	<10	2.20	1630	1	0.06	109	160	2	0.27	5	21	18
Q930304		10	<1	0.01	<10	2.35	1350	<1	0.06	141	210	<2	0.18	<2	23	15
Q930305		10	<1	0.01	<10	2.23	1250	1	0.06	123	170	<2	0.56	4	22	16
Q930306		10	<1	0.01	<10	2.17	1380	<1	0.06	160	210	<2	0.28	3	23	19
Q930307		10	<1	<0.01	<10	2.99	1770	<1	0.04	135	200	<2	0.32	2	30	22
Q930308		10	<1	0.01	<10	1.46	3050	1	0.05	142	190	<2	0.70	2	22	24
Q930309		10	<1	0.01	<10	2.80	1475	<1	0.06	162	230	<2	0.61	6	23	22
Q930310		10	<1	0.01	<10	2.75	1635	<1	0.06	164	220	<2	0.75	5	22	23
Q930311		10	<1	0.01	<10	2.62	2130	<1	0.05	155	210	<2	0.39	3	27	27
Q930312		10	<1	0.01	<10	2.53	2670	<1	0.04	149	380	<2	0.07	3	35	19
Q930313		10	1	0.01	<10	2.00	2660	1	0.05	269	220	2	1.27	3	25	26
Q930314		10	<1	0.02	<10	1.98	3370	<1	0.08	189	270	<2	2.38	4	19	22
Q930315		<10	<1	0.01	<10	1.11	1800	1	0.04	44	280	4	5.09	7	7	11
Q930316		<10	1	<0.01	<10	1.08	2790	1	0.02	16	810	4	4.73	6	2	9
Q930317		<10	<1	<0.01	<10	1.33	5180	1	0.01	22	210	<2	6.31	2	2	7
Q930318		<10	<1	<0.01	<10	1.68	6010	<1	<0.01	8	570	<2	2.27	4	1	8
Q930319		<10	<1	0.02	<10	0.83	2400	2	0.05	50	220	10	>10.0	14	2	9
Q930320		10	<1	0.25	10	1.28	510	6	0.31	96	460	25	0.05	3	3	99
Q930321		<10	<1	0.03	<10	0.34	1085	1	0.09	54	200	5	>10.0	10	1	7
Q930322		<10	<1	0.03	<10	0.16	1210	1	0.09	34	270	16	>10.0	50	1	6
Q930323		<10	<1	<0.01	<10	0.78	5040	<1	0.01	15	340	<2	4.89	3	1	<1
Q930324		<10	<1	<0.01	<10	0.66	2440	1	0.01	60	150	9	>10.0	22	2	<1
Q930325		<10	<1	<0.01	<10	0.49	2090	1	<0.01	43	160	9	>10.0	12	1	<1
Q930326		<10	<1	<0.01	<10	0.54	2330	1	<0.01	47	180	11	>10.0	24	2	<1
Q930327		<10	<1	<0.01	<10	0.43	1310	1	<0.01	57	90	18	>10.0	43	2	<1
Q930328		<10	<1	0.01	<10	0.39	1605	1	0.01	48	100	11	>10.0	17	2	<1
Q930329		<10	<1	0.01	<10	0.45	1635	1	0.01	44	60	10	9.62	5	2	<1
Q930330		<10	<1	0.01	<10	0.47	1720	1	0.01	47	60	10	>10.0	6	2	<1
Q930331		<10	<1	0.01	<10	0.65	2250	1	0.01	30	100	9	6.35	3	2	3
Q930332		<10	<1	0.01	<10	0.40	2440	1	0.02	39	110	7	8.97	<2	2	1
Q930333		<10	<1	0.03	<10	0.78	1490	1	0.06	47	220	3	3.51	<2	2	10
Q930334		10	<1	0.02	<10	2.00	1720	1	0.06	163	230	<2	0.83	<2	21	24
Q930335		10	1	0.01	<10	2.42	1965	<1	0.06	159	190	2	0.61	<2	27	29
Q930336		10	<1	0.01	<10	2.20	2530	<1	0.03	144	200	2	0.22	<2	32	35
Q930337		10	<1	0.01	<10	2.73	2050	<1	0.03	137	230	3	0.29	<2	27	40
Q930338		10	<1	0.03	<10	2.17	1980	<1	0.04	129	430	4	1.07	<2	26	38
Q930339		10	<1	0.04	10	2.04	1750	<1	0.03	92	370	4	0.39	<2	15	39
Q930340		<10	<1	0.32	50	0.23	168	<1	0.04	3	270	8	<0.01	<2	2	10

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 1-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17048286

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
Q930301		<20	<0.01	<10	<10	172	<10	80
Q930302		<20	<0.01	<10	<10	169	<10	65
Q930303		<20	<0.01	<10	<10	111	<10	53
Q930304		<20	<0.01	<10	<10	132	<10	53
Q930305		<20	<0.01	<10	<10	109	<10	52
Q930306		<20	<0.01	<10	<10	125	<10	51
Q930307		<20	<0.01	<10	<10	168	<10	72
Q930308		<20	<0.01	<10	<10	127	<10	64
Q930309		<20	<0.01	<10	<10	168	<10	72
Q930310		<20	<0.01	<10	<10	164	<10	78
Q930311		<20	<0.01	<10	<10	183	<10	66
Q930312		<20	0.01	<10	<10	194	<10	150
Q930313		<20	<0.01	<10	<10	133	<10	174
Q930314		<20	<0.01	<10	<10	123	<10	173
Q930315		<20	<0.01	<10	<10	41	<10	794
Q930316		<20	<0.01	<10	<10	8	<10	647
Q930317		<20	<0.01	<10	<10	9	<10	49
Q930318		<20	<0.01	<10	<10	7	<10	40
Q930319		<20	<0.01	<10	<10	11	<10	498
Q930320		<20	0.14	<10	<10	87	<10	69
Q930321		<20	<0.01	<10	<10	5	<10	131
Q930322		<20	<0.01	<10	<10	5	<10	182
Q930323		<20	<0.01	<10	<10	7	<10	37
Q930324		<20	<0.01	<10	<10	13	<10	200
Q930325		<20	<0.01	<10	<10	10	<10	161
Q930326		<20	<0.01	<10	<10	13	<10	263
Q930327		<20	<0.01	<10	<10	10	<10	230
Q930328		<20	<0.01	<10	<10	10	<10	260
Q930329		<20	<0.01	<10	<10	10	<10	393
Q930330		<20	<0.01	<10	<10	10	<10	416
Q930331		<20	<0.01	<10	<10	11	<10	345
Q930332		<20	<0.01	<10	<10	14	<10	600
Q930333		<20	<0.01	<10	<10	14	<10	228
Q930334		<20	<0.01	<10	<10	123	<10	116
Q930335		<20	<0.01	<10	<10	155	<10	100
Q930336		<20	0.01	<10	<10	191	<10	90
Q930337		<20	<0.01	<10	<10	167	<10	91
Q930338		<20	<0.01	<10	<10	205	<10	119
Q930339		<20	0.01	<10	<10	121	<10	98
Q930340		30	0.07	<10	<10	15	<10	32

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 1-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17048286

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	
Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 5-APR-2017
Account: EIA

CERTIFICATE TB17053284

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 32 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 22-MAR-2017.

The following have access to data associated with this certificate:

J DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

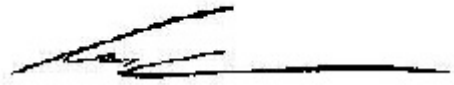
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 5-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17053284

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930341		4.42	<0.005	<0.2	2.47	4	<10	<10	<0.5	<2	1.08	<0.5	30	162	133	3.92
Q930342		2.87	0.005	<0.2	2.36	6	20	<10	<0.5	<2	3.27	<0.5	26	142	123	3.76
Q930343		4.36	<0.005	<0.2	2.98	11	<10	<10	<0.5	<2	8.3	<0.5	28	174	59	4.62
Q930344		2.70	<0.005	<0.2	2.09	<2	<10	<10	<0.5	<2	0.96	<0.5	26	145	131	3.40
Q930345		3.02	0.005	<0.2	2.55	3	<10	<10	<0.5	<2	1.73	<0.5	30	178	139	4.02
Q930346		2.94	<0.005	<0.2	4.62	<2	<10	<10	<0.5	<2	0.86	<0.5	32	219	7	6.61
Q930347		3.36	<0.005	<0.2	0.45	3	<10	60	1.5	2	4.50	<0.5	5	16	48	15.15
Q930348		3.83	0.009	0.5	0.91	13	<10	120	<0.5	3	5.96	5.8	22	26	260	14.80
Q930349		1.54	<0.005	<0.2	4.35	<2	<10	<10	<0.5	2	1.48	<0.5	38	231	91	7.88
Q930350		1.66	<0.005	<0.2	3.62	<2	<10	<10	<0.5	<2	1.44	<0.5	36	228	111	6.02
Q930351		3.83	<0.005	<0.2	2.71	<2	<10	<10	<0.5	<2	3.31	<0.5	32	160	174	4.67
Q930352		2.87	<0.005	<0.2	3.00	<2	<10	<10	<0.5	<2	1.29	<0.5	31	241	108	5.18
Q930353		5.34	<0.005	<0.2	1.18	<2	<10	60	0.6	3	0.38	<0.5	9	38	119	15.90
Q930354		5.34	0.007	<0.2	0.53	<2	<10	60	1.2	2	0.28	<0.5	5	6	100	22.2
Q930355		4.88	0.016	<0.2	0.27	<2	<10	30	1.6	<2	0.18	<0.5	9	5	167	20.8
Q930356		3.36	0.011	0.4	0.36	2	<10	50	2.5	2	0.96	0.7	27	9	588	19.05
Q930357		1.93	<0.005	<0.2	3.59	<2	<10	<10	<0.5	<2	0.65	<0.5	35	155	115	6.53
Q930358		2.17	<0.005	<0.2	3.21	<2	<10	<10	<0.5	<2	0.91	<0.5	34	172	93	5.36
Q930359		0.97	0.005	<0.2	3.67	2	<10	70	<0.5	2	0.50	<0.5	23	105	74	9.44
Q930360		0.04	2.24	1.1	2.64	4	<10	150	<0.5	<2	1.67	<0.5	14	79	122	3.61
Q930361		2.08	0.051	0.2	2.71	<2	<10	40	<0.5	<2	0.98	<0.5	40	97	214	12.95
Q930362		2.63	<0.005	<0.2	2.95	<2	<10	<10	<0.5	<2	0.85	<0.5	33	167	68	5.07
Q930363		2.72	<0.005	<0.2	3.82	3	<10	<10	<0.5	<2	2.49	<0.5	38	192	10	6.88
Q930364		1.99	0.005	<0.2	2.53	3	<10	40	<0.5	<2	4.45	<0.5	27	74	317	14.90
Q930365		3.26	<0.005	<0.2	3.38	<2	<10	<10	<0.5	<2	1.27	<0.5	33	157	19	6.51
Q930366		2.29	<0.005	<0.2	3.32	<2	<10	<10	<0.5	<2	1.08	<0.5	29	126	143	6.57
Q930367		2.59	<0.005	<0.2	3.35	<2	<10	20	<0.5	<2	1.24	<0.5	26	130	54	7.28
Q930368		1.51	<0.005	<0.2	2.94	<2	<10	30	<0.5	<2	5.92	<0.5	27	64	165	8.40
Q930369		1.29	<0.005	<0.2	2.49	2	<10	<10	<0.5	<2	2.53	<0.5	25	146	45	4.52
Q930370		1.50	<0.005	<0.2	2.78	<2	<10	<10	<0.5	<2	1.11	<0.5	30	169	69	5.06
Q930371		3.49	0.006	<0.2	3.92	<2	<10	<10	<0.5	<2	9.1	<0.5	42	224	421	7.01
Q930372		4.31	0.005	<0.2	5.19	3	10	<10	<0.5	<2	4.81	<0.5	61	272	212	9.48

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 5-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17053284

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
Q930341		<10	<1	<0.01	<10	2.01	610	<1	0.02	88	200	<2	0.09	<2	3	7
Q930342		<10	<1	<0.01	<10	1.92	636	<1	0.02	79	170	<2	0.07	<2	2	9
Q930343		<10	<1	0.01	<10	2.72	859	<1	0.02	82	150	<2	0.01	<2	4	10
Q930344		<10	<1	<0.01	<10	1.71	516	<1	0.02	81	170	<2	0.10	<2	2	6
Q930345		<10	<1	<0.01	<10	2.14	647	<1	0.03	97	180	<2	0.09	<2	2	8
Q930346		10	<1	<0.01	<10	4.45	856	<1	0.01	107	180	<2	0.01	<2	4	7
Q930347		<10	<1	0.06	<10	0.34	513	1	0.05	6	870	<2	0.23	<2	<1	6
Q930348		<10	<1	0.10	<10	0.49	812	<1	0.08	13	740	8	1.77	2	1	10
Q930349		10	1	<0.01	<10	3.48	931	<1	0.01	97	240	2	0.02	<2	6	10
Q930350		<10	<1	<0.01	<10	3.10	806	<1	0.02	102	210	<2	0.02	<2	4	13
Q930351		<10	<1	<0.01	<10	2.27	821	<1	0.02	73	190	<2	0.16	<2	3	12
Q930352		10	<1	<0.01	<10	2.60	661	<1	0.03	85	210	<2	0.02	<2	5	6
Q930353		<10	<1	0.16	<10	1.00	306	<1	0.09	12	1220	<2	0.20	<2	2	2
Q930354		<10	<1	0.25	<10	0.71	236	<1	0.18	2	880	<2	0.36	<2	1	3
Q930355		<10	<1	0.14	<10	0.43	158	1	0.10	1	590	<2	0.46	<2	<1	2
Q930356		<10	<1	0.12	<10	0.33	330	1	0.08	15	1240	<2	0.97	<2	<1	3
Q930357		10	<1	<0.01	<10	2.99	852	<1	0.02	92	260	<2	0.11	<2	3	7
Q930358		<10	<1	<0.01	<10	2.70	585	<1	0.02	95	280	<2	0.02	<2	3	9
Q930359		10	<1	0.19	<10	2.49	747	<1	0.08	56	570	<2	0.02	<2	3	6
Q930360		10	<1	0.25	10	1.31	512	6	0.30	97	480	24	0.05	2	3	95
Q930361		<10	1	0.11	<10	1.83	724	<1	0.08	60	850	<2	1.49	<2	3	7
Q930362		<10	<1	<0.01	<10	2.30	657	<1	0.03	99	270	<2	0.02	<2	3	12
Q930363		10	<1	<0.01	<10	3.05	788	<1	0.01	95	270	<2	<0.01	2	3	13
Q930364		10	<1	0.10	<10	1.47	898	<1	0.06	37	440	<2	1.33	<2	2	10
Q930365		<10	<1	<0.01	<10	2.39	741	<1	<0.01	84	230	<2	<0.01	<2	3	11
Q930366		<10	<1	0.01	<10	2.51	727	<1	0.01	62	370	<2	0.12	<2	2	7
Q930367		<10	<1	0.04	<10	2.50	833	<1	0.03	65	290	<2	0.16	<2	2	5
Q930368		<10	<1	0.08	<10	1.97	1030	<1	0.05	46	270	<2	0.69	<2	2	10
Q930369		<10	<1	<0.01	<10	1.88	655	<1	0.02	74	250	<2	<0.01	<2	2	8
Q930370		<10	<1	<0.01	<10	2.15	705	<1	0.02	86	270	<2	0.01	<2	2	7
Q930371		10	<1	<0.01	<10	3.14	1245	<1	0.01	102	270	<2	0.09	<2	6	14
Q930372		10	<1	<0.01	<10	4.27	1380	<1	0.01	162	350	2	0.27	<2	7	8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 5-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17053284

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
Q930341		<20	0.18	<10	<10	56	<10	44
Q930342		<20	0.18	<10	<10	47	<10	43
Q930343		<20	0.16	<10	<10	97	<10	48
Q930344		<20	0.18	<10	<10	46	<10	42
Q930345		<20	0.23	<10	<10	53	<10	45
Q930346		<20	0.28	<10	<10	88	<10	41
Q930347		<20	0.02	<10	<10	19	<10	7
Q930348		<20	0.04	<10	<10	29	<10	165
Q930349		<20	0.33	<10	<10	129	<10	92
Q930350		<20	0.30	<10	<10	92	<10	79
Q930351		<20	0.22	<10	<10	75	<10	52
Q930352		<20	0.26	<10	<10	126	<10	68
Q930353		<20	0.05	<10	<10	43	<10	67
Q930354		<20	0.01	<10	<10	19	<10	93
Q930355		<20	0.01	<10	<10	16	<10	89
Q930356		<20	0.02	<10	<10	27	<10	95
Q930357		<20	0.27	<10	<10	88	<10	82
Q930358		<20	0.35	<10	<10	95	<10	89
Q930359		<20	0.19	<10	<10	85	<10	157
Q930360		<20	0.14	<10	<10	89	<10	71
Q930361		<20	0.12	<10	<10	73	<10	92
Q930362		<20	0.27	<10	<10	78	<10	65
Q930363		<20	0.34	<10	<10	106	<10	68
Q930364		<20	0.11	<10	<10	61	<10	44
Q930365		<20	0.34	<10	<10	82	<10	63
Q930366		<20	0.28	<10	<10	64	<10	54
Q930367		<20	0.31	<10	<10	74	<10	59
Q930368		<20	0.12	<10	<10	65	<10	58
Q930369		<20	0.30	<10	<10	68	<10	51
Q930370		<20	0.35	<10	<10	78	<10	58
Q930371		<20	0.30	<10	<10	112	<10	77
Q930372		<20	0.28	<10	<10	154	<10	103

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 5-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17053284

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

CERTIFICATE TB17056759

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 48 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-MAR-2017.

The following have access to data associated with this certificate:

MURRAY JONES		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

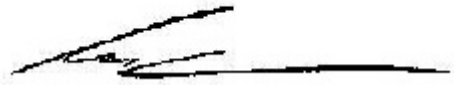
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
Q930373		4.21	<0.005	<0.2	4.22	4	<10	10	<0.5	<2	7.0	<0.5	51	222	152	7.24
Q930374		4.10	<0.005	<0.2	5.10	29	<10	<10	<0.5	3	6.37	<0.5	40	181	116	17.10
Q930375		1.53	0.005	<0.2	3.89	19	<10	<10	<0.5	<2	0.12	1.9	84	123	559	9.75
Q930376		3.32	<0.005	<0.2	3.43	2	<10	<10	<0.5	<2	0.36	<0.5	61	227	177	4.74
Q930377		1.10	<0.005	<0.2	0.24	28	<10	20	<0.5	<2	0.07	<0.5	16	15	46	3.54
Q930378		3.60	0.018	0.4	0.35	90	<10	30	<0.5	<2	0.14	3.1	59	17	308	7.56
Q930379		1.29	0.011	0.2	0.52	99	<10	30	<0.5	<2	0.34	2.0	47	17	361	12.95
Q930380		1.63	<0.005	<0.2	0.44	3	<10	40	<0.5	<2	0.21	<0.5	3	12	17	1.54
Q930381		3.99	0.020	0.6	1.26	127	<10	10	<0.5	<2	0.21	3.1	67	27	551	14.75
Q930382		3.27	0.033	0.8	1.48	89	<10	20	<0.5	<2	0.22	4.7	86	29	716	13.30
Q930383		4.23	0.048	1.4	1.69	274	<10	20	<0.5	3	0.16	7.3	145	35	1055	16.35
Q930384		4.20	0.036	1.2	1.81	44	<10	10	<0.5	<2	0.49	5.9	112	29	734	17.20
Q930385		4.24	0.011	0.3	1.34	79	<10	20	<0.5	<2	1.18	2.4	51	26	385	9.93
Q930386		3.73	0.043	0.7	0.77	135	<10	10	<0.5	2	0.90	4.7	66	18	590	10.70
Q930387		4.24	0.052	0.7	1.61	21	<10	20	<0.5	5	1.32	4.1	72	31	579	13.85
Q930388		4.74	0.048	0.7	1.56	80	<10	20	<0.5	3	1.15	2.8	64	30	460	13.45
Q930389		2.18	0.031	0.5	1.62	53	<10	30	<0.5	<2	0.52	2.5	35	25	307	12.40
Q930390		1.72	0.012	0.2	1.36	25	<10	40	<0.5	<2	0.85	1.3	24	19	208	9.04
Q930391		3.31	0.016	0.3	1.07	31	<10	10	<0.5	<2	0.71	1.1	33	34	227	12.30
Q930392		4.21	<0.005	0.2	1.85	85	<10	10	<0.5	<2	5.40	<0.5	42	91	134	7.60
Q930393		2.53	<0.005	<0.2	0.97	9	<10	20	<0.5	<2	2.07	<0.5	19	20	65	6.51
Q930394		2.37	<0.005	<0.2	0.57	2	<10	<10	<0.5	<2	0.19	<0.5	2	9	22	24.9
Q930395		3.74	0.018	0.2	0.09	314	<10	<10	<0.5	3	0.06	<0.5	33	5	16	26.6
Q930396		3.72	0.072	<0.2	0.88	365	<10	10	<0.5	<2	0.03	<0.5	33	8	6	27.8
Q930397		3.91	0.035	<0.2	0.55	315	<10	10	<0.5	<2	0.03	<0.5	24	7	4	25.6
Q930398		3.88	0.019	<0.2	0.06	314	<10	<10	<0.5	2	0.03	<0.5	27	3	4	26.6
Q930399		3.78	0.165	<0.2	0.22	353	<10	<10	<0.5	2	0.02	<0.5	33	4	6	26.9
Q930400		0.04	2.16	1.1	2.41	5	<10	130	<0.5	<2	1.54	<0.5	13	73	112	3.34
Q930401		3.30	0.066	<0.2	0.40	240	<10	<10	<0.5	3	0.04	<0.5	29	9	10	27.1
Q930402		3.06	<0.005	<0.2	0.67	46	<10	<10	<0.5	<2	0.11	<0.5	10	12	12	24.7
Q930403		1.71	<0.005	<0.2	0.49	127	<10	<10	<0.5	2	0.10	<0.5	24	27	13	27.9
Q930404		3.83	<0.005	0.2	0.14	265	<10	<10	<0.5	3	0.10	<0.5	30	7	18	30.1
Q930405		3.34	<0.005	<0.2	0.21	139	<10	<10	<0.5	<2	0.12	<0.5	22	10	16	31.2
Q930406		3.29	<0.005	<0.2	0.42	122	<10	<10	<0.5	2	0.11	<0.5	28	18	22	28.5
Q930407		3.56	<0.005	<0.2	0.89	11	<10	10	<0.5	<2	4.03	<0.5	35	63	91	9.13
Q930408		4.32	<0.005	<0.2	1.20	11	<10	30	<0.5	<2	2.92	<0.5	14	14	31	5.14
Q930409		2.08	0.007	<0.2	0.57	88	<10	<10	<0.5	3	1.66	0.7	23	11	58	20.3
Q930410		1.88	0.016	<0.2	0.54	383	<10	<10	<0.5	<2	1.49	1.1	31	14	64	20.9
Q930411		3.98	<0.005	<0.2	0.53	236	<10	<10	<0.5	2	3.31	<0.5	12	14	30	15.80
Q930412		4.25	<0.005	<0.2	0.17	163	<10	<10	<0.5	<2	1.26	<0.5	5	16	10	18.30

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930373		10	1	0.02	<10	2.35	2400	<1	0.04	165	180	<2	0.11	<2	17	39
Q930374		10	<1	<0.01	<10	2.25	7840	<1	<0.01	126	190	<2	0.04	<2	31	48
Q930375		10	2	<0.01	<10	1.76	840	<1	<0.01	105	160	<2	1.38	2	19	1
Q930376		<10	1	<0.01	<10	2.45	4350	<1	<0.01	164	270	<2	0.06	<2	12	9
Q930377		<10	<1	0.07	<10	0.04	1060	2	0.02	35	80	12	0.49	2	1	6
Q930378		<10	<1	0.09	10	0.07	1780	2	0.03	81	170	23	4.05	11	2	8
Q930379		<10	1	0.09	20	0.22	8940	2	0.02	74	490	20	4.76	14	3	7
Q930380		<10	<1	0.29	40	0.22	364	1	0.03	4	290	10	0.12	<2	2	10
Q930381		<10	1	0.04	<10	0.59	4440	2	0.01	65	170	22	7.08	13	4	2
Q930382		<10	1	0.08	<10	0.53	3300	3	0.02	84	270	36	7.67	14	3	4
Q930383		<10	2	0.07	<10	0.63	3080	5	0.02	110	220	66	>10.0	36	4	4
Q930384		10	2	0.04	10	0.80	4790	4	0.01	89	230	55	10.00	29	5	4
Q930385		<10	1	0.10	10	0.70	2940	2	0.02	56	350	18	4.39	14	3	13
Q930386		<10	1	0.06	10	0.45	2920	4	0.02	68	260	31	6.35	16	2	9
Q930387		<10	1	0.07	10	0.86	4020	3	0.02	73	320	34	7.21	15	4	14
Q930388		<10	1	0.08	10	0.82	3610	2	0.02	70	370	44	7.42	19	3	12
Q930389		<10	<1	0.09	10	0.65	2980	2	0.02	58	380	29	5.78	15	2	7
Q930390		<10	1	0.13	20	0.59	2530	2	0.04	37	560	15	3.99	10	2	12
Q930391		<10	1	0.03	<10	0.86	4300	2	0.01	40	180	16	5.74	8	3	6
Q930392		<10	<1	0.05	<10	2.54	2710	<1	0.04	114	250	<2	0.99	3	10	46
Q930393		<10	1	0.06	10	0.90	1795	1	0.05	43	350	2	1.26	<2	3	19
Q930394		<10	<1	0.01	<10	1.07	9750	1	<0.01	16	60	<2	>10.0	<2	1	<1
Q930395		<10	1	<0.01	<10	0.08	713	1	<0.01	23	20	10	>10.0	48	<1	<1
Q930396		<10	1	0.02	<10	0.35	268	1	0.01	26	70	2	>10.0	47	<1	<1
Q930397		<10	1	0.01	<10	0.24	331	<1	<0.01	19	50	<2	>10.0	41	<1	<1
Q930398		<10	1	<0.01	<10	0.06	658	<1	<0.01	13	10	<2	>10.0	25	<1	<1
Q930399		<10	1	0.01	<10	0.12	469	<1	<0.01	17	20	<2	>10.0	55	<1	<1
Q930400		10	1	0.24	10	1.20	469	5	0.27	87	440	22	0.07	<2	3	87
Q930401		<10	1	<0.01	<10	0.21	1045	1	<0.01	31	30	<2	>10.0	31	1	<1
Q930402		<10	1	<0.01	<10	0.85	9890	1	<0.01	27	50	<2	>10.0	6	1	<1
Q930403		<10	1	<0.01	<10	0.61	8030	1	<0.01	42	40	<2	>10.0	7	1	<1
Q930404		<10	1	<0.01	<10	0.09	1305	<1	<0.01	47	20	<2	>10.0	9	<1	<1
Q930405		<10	1	<0.01	<10	0.69	9050	<1	<0.01	35	130	<2	>10.0	8	1	<1
Q930406		<10	<1	<0.01	<10	0.35	4770	2	0.01	59	120	6	>10.0	18	2	<1
Q930407		<10	<1	0.03	<10	1.49	2880	<1	0.06	98	270	<2	1.96	2	9	19
Q930408		<10	<1	0.08	20	0.90	1110	1	0.05	26	550	3	1.06	3	2	25
Q930409		<10	1	<0.01	<10	1.40	9200	1	<0.01	38	70	10	6.13	9	2	12
Q930410		<10	1	<0.01	<10	1.31	8690	1	<0.01	44	60	11	6.99	7	2	11
Q930411		<10	<1	<0.01	<10	0.82	7380	2	<0.01	31	60	5	4.42	5	1	22
Q930412		<10	1	<0.01	<10	1.11	9140	2	<0.01	15	30	2	2.95	4	1	11

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
Q930373		<20	0.02	<10	<10	171	<10	74
Q930374		<20	0.02	<10	<10	186	<10	86
Q930375		<20	0.01	<10	<10	143	<10	124
Q930376		<20	0.01	<10	<10	112	<10	80
Q930377		<20	<0.01	<10	<10	6	<10	154
Q930378		<20	<0.01	<10	<10	6	<10	724
Q930379		<20	<0.01	<10	<10	10	<10	692
Q930380		20	0.06	<10	<10	17	<10	53
Q930381		<20	<0.01	<10	<10	23	<10	1145
Q930382		<20	<0.01	<10	<10	22	<10	1995
Q930383		<20	<0.01	10	<10	32	10	2970
Q930384		<20	<0.01	<10	<10	28	<10	2430
Q930385		<20	<0.01	<10	<10	19	<10	1015
Q930386		<20	<0.01	<10	<10	13	<10	1840
Q930387		<20	<0.01	10	<10	26	<10	1670
Q930388		<20	<0.01	<10	<10	20	<10	1240
Q930389		<20	<0.01	<10	<10	17	<10	1090
Q930390		<20	<0.01	<10	<10	13	<10	642
Q930391		<20	<0.01	<10	<10	23	<10	504
Q930392		<20	<0.01	<10	<10	70	<10	89
Q930393		<20	<0.01	<10	<10	16	<10	58
Q930394		<20	<0.01	10	<10	9	<10	496
Q930395		<20	<0.01	10	<10	3	<10	14
Q930396		<20	<0.01	10	<10	9	<10	77
Q930397		<20	<0.01	10	<10	7	<10	46
Q930398		<20	<0.01	10	<10	3	<10	8
Q930399		<20	<0.01	10	<10	5	<10	13
Q930400		<20	0.13	<10	<10	81	<10	63
Q930401		<20	<0.01	10	<10	7	<10	126
Q930402		<20	<0.01	10	<10	10	<10	184
Q930403		<20	<0.01	10	<10	8	<10	316
Q930404		<20	<0.01	10	<10	4	<10	285
Q930405		<20	<0.01	10	<10	7	<10	100
Q930406		<20	<0.01	10	<10	10	<10	176
Q930407		<20	<0.01	<10	<10	42	<10	68
Q930408		<20	<0.01	<10	<10	10	<10	196
Q930409		<20	<0.01	10	<10	11	<10	463
Q930410		<20	<0.01	10	<10	11	<10	708
Q930411		<20	<0.01	<10	<10	9	<10	123
Q930412		<20	<0.01	10	<10	4	<10	43

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930413		3.91	<0.005	<0.2	0.37	124	<10	<10	<0.5	3	1.39	<0.5	9	18	17	19.70
Q930414		3.54	0.009	<0.2	1.14	357	<10	20	<0.5	<2	1.64	<0.5	24	26	45	21.2
Q930415		3.07	<0.005	<0.2	0.32	229	<10	<10	<0.5	5	1.87	<0.5	20	6	27	32.3
Q930416		2.24	<0.005	<0.2	0.13	180	<10	<10	<0.5	<2	0.88	<0.5	19	7	28	26.9
Q930417		4.21	0.009	<0.2	0.52	168	<10	<10	<0.5	3	1.30	<0.5	28	7	42	37.6
Q930418		1.41	0.013	0.3	0.43	133	<10	<10	<0.5	4	2.33	<0.5	36	8	51	40.2
Q930419		4.00	<0.005	<0.2	2.10	33	<10	10	<0.5	<2	5.35	<0.5	37	98	103	7.36
Q930420		1.49	<0.005	<0.2	0.48	<2	<10	40	<0.5	<2	0.23	<0.5	2	10	5	1.48

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Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930413		<10	1	<0.01	<10	1.31	9910	2	<0.01	27	120	4	4.72	3	1	11
Q930414		<10	2	0.03	<10	0.95	5140	3	<0.01	67	460	11	>10.0	13	2	15
Q930415		<10	<1	<0.01	<10	1.68	13250	1	<0.01	48	60	6	9.19	9	1	15
Q930416		<10	1	<0.01	<10	0.69	6530	1	<0.01	55	20	6	8.76	11	1	6
Q930417		<10	1	<0.01	<10	1.20	7820	2	<0.01	79	40	3	8.25	14	1	12
Q930418		<10	1	0.01	<10	0.91	4790	1	0.01	99	70	11	9.42	21	2	12
Q930419		10	<1	0.03	<10	2.48	1990	<1	0.05	106	240	<2	0.79	3	15	35
Q930420		<10	1	0.34	50	0.26	212	<1	0.03	3	300	9	0.10	<2	3	10

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1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
Q930413		<20	<0.01	10	<10	8	<10	90
Q930414		<20	<0.01	10	<10	15	<10	186
Q930415		<20	<0.01	10	<10	9	<10	297
Q930416		<20	<0.01	10	<10	7	<10	296
Q930417		<20	<0.01	10	<10	13	<10	446
Q930418		<20	<0.01	10	<10	12	<10	545
Q930419		<20	<0.01	<10	<10	85	<10	76
Q930420		30	0.07	<10	<10	16	<10	40

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 9-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17056759

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

CERTIFICATE TB17058434

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 77 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 29-MAR-2017.

The following have access to data associated with this certificate:

JIM DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

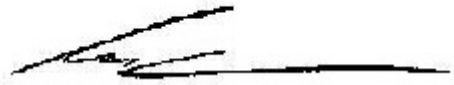
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930421		3.77	<0.005	<0.2	3.30	76	<10	50	<0.5	<2	1.56	<0.5	14	50	54	10.70
Q930422		3.01	0.011	<0.2	2.87	17	<10	110	<0.5	<2	1.62	<0.5	12	40	27	9.32
Q930423		1.97	<0.005	<0.2	3.02	20	<10	60	<0.5	<2	2.21	<0.5	13	45	37	10.75
Q930424		2.45	0.020	<0.2	2.47	4550	<10	210	0.5	<2	2.62	<0.5	23	57	52	9.34
Q930425		4.40	<0.005	<0.2	2.48	79	<10	270	<0.5	<2	1.57	<0.5	17	56	37	7.38
Q930426		4.06	<0.005	0.2	1.72	53	<10	80	<0.5	2	0.65	<0.5	9	25	43	9.05
Q930427		3.84	<0.005	<0.2	1.26	53	<10	90	<0.5	<2	1.68	<0.5	11	24	16	6.36
Q930428		4.06	<0.005	<0.2	1.64	32	<10	60	<0.5	<2	0.43	<0.5	12	26	17	6.73
Q930429		2.07	0.007	<0.2	3.06	164	<10	60	<0.5	<2	0.51	<0.5	12	41	33	10.20
Q930430		2.30	<0.005	0.2	3.11	77	<10	60	<0.5	<2	0.50	<0.5	14	43	30	10.40
Q930431		3.89	<0.005	<0.2	2.04	20	<10	100	<0.5	<2	0.96	<0.5	11	29	31	6.76
Q930432		3.73	<0.005	<0.2	2.00	60	<10	100	<0.5	<2	1.11	<0.5	13	26	34	6.85
Q930433		2.24	<0.005	0.3	2.97	98	<10	170	0.6	3	4.06	0.5	23	192	40	7.95
Q930434		3.83	<0.005	0.2	2.05	208	<10	50	<0.5	2	1.01	<0.5	14	36	46	8.48
Q930435		4.29	<0.005	<0.2	2.71	50	<10	40	<0.5	<2	1.32	<0.5	14	49	41	10.90
Q930436		4.47	<0.005	<0.2	2.62	146	<10	100	<0.5	<2	1.40	<0.5	14	44	46	8.95
Q930437		3.56	0.019	<0.2	2.83	685	<10	180	<0.5	4	1.03	<0.5	9	28	36	9.13
Q930438		4.20	0.061	0.4	2.59	787	<10	70	<0.5	3	0.89	<0.5	16	32	38	8.40
Q930439		4.39	<0.005	<0.2	2.09	104	<10	20	<0.5	<2	0.41	<0.5	3	30	<1	4.41
Q930440		0.04	2.06	1.2	2.37	5	<10	140	<0.5	<2	1.50	<0.5	13	73	118	3.35
Q930441		2.67	0.041	<0.2	0.38	269	50	20	0.7	4	0.60	<0.5	12	16	<1	0.88
Q930442		3.26	0.539	<0.2	1.01	21	20	10	0.5	2	0.83	<0.5	4	28	<1	2.41
Q930443		4.03	<0.005	<0.2	2.27	529	<10	40	<0.5	8	0.17	<0.5	21	27	39	6.33
Q930444		2.35	<0.005	<0.2	2.51	4	<10	90	<0.5	<2	0.29	<0.5	9	24	23	7.21
Q930445		4.48	<0.005	<0.2	2.34	16	<10	70	<0.5	2	2.89	<0.5	17	41	47	7.60
Q930446		3.99	<0.005	<0.2	2.74	2	<10	60	<0.5	<2	2.24	<0.5	10	40	39	15.40
Q930447		4.21	<0.005	<0.2	2.18	6	<10	180	<0.5	<2	1.59	<0.5	15	49	41	8.01
Q930448		3.91	<0.005	<0.2	2.20	5	<10	170	<0.5	<2	1.74	<0.5	14	44	41	10.60
Q930449		1.44	<0.005	0.2	1.66	23	<10	150	<0.5	<2	1.65	<0.5	17	36	53	4.52
Q930450		1.49	<0.005	<0.2	1.76	30	<10	150	<0.5	<2	1.87	<0.5	17	42	45	4.76
Q930451		4.62	<0.005	<0.2	2.81	12	<10	210	<0.5	<2	1.33	<0.5	14	33	43	8.74
Q930452		4.02	<0.005	0.2	1.72	8	<10	140	<0.5	<2	1.83	<0.5	9	16	27	7.77
Q930453		2.03	<0.005	<0.2	1.65	4	<10	240	<0.5	<2	1.47	<0.5	7	18	22	11.25
Q930454		3.74	0.017	<0.2	2.00	4	<10	210	0.5	<2	2.24	<0.5	7	22	34	21.1
Q930455		3.69	0.371	0.2	1.27	33	<10	210	<0.5	<2	1.31	<0.5	14	23	36	3.18
Q930456		2.17	<0.005	<0.2	1.22	12	<10	100	<0.5	<2	1.75	<0.5	8	16	103	13.15
Q930457		3.11	<0.005	<0.2	1.60	21	<10	110	<0.5	2	1.77	<0.5	9	14	37	5.61
Q930458		4.29	<0.005	<0.2	3.22	7	<10	40	<0.5	<2	2.40	<0.5	14	37	53	13.75
Q930459		2.87	<0.005	<0.2	2.83	18	<10	60	<0.5	<2	2.02	<0.5	15	36	42	8.79
Q930460		1.58	<0.005	<0.2	0.47	<2	<10	40	<0.5	<2	0.19	<0.5	2	9	4	1.25

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930421		10	<1	0.18	20	1.36	599	1	0.02	41	800	3	0.28	3	6	82
Q930422		10	<1	0.42	10	1.23	587	<1	0.02	35	680	10	0.55	2	5	96
Q930423		10	<1	0.17	10	1.55	873	1	0.02	37	750	34	0.92	2	5	124
Q930424		10	<1	0.96	10	1.87	773	1	0.02	46	1160	16	1.60	4	7	365
Q930425		10	<1	0.79	20	1.45	629	1	0.03	47	800	12	0.52	3	6	160
Q930426		<10	<1	0.32	10	0.78	519	1	0.02	30	670	10	2.84	<2	2	35
Q930427		<10	<1	0.36	10	0.69	592	1	0.02	30	570	6	1.26	4	2	75
Q930428		<10	<1	0.21	10	0.72	454	1	0.02	30	590	10	1.15	2	2	26
Q930429		10	<1	0.22	10	1.14	467	1	0.02	33	740	7	1.61	2	4	31
Q930430		10	<1	0.23	10	1.16	455	1	0.01	33	750	6	1.70	3	4	32
Q930431		10	<1	0.42	10	0.87	567	1	0.03	30	550	9	0.65	2	3	55
Q930432		10	<1	0.38	10	0.85	547	1	0.02	29	550	5	0.95	<2	2	66
Q930433		10	<1	1.07	20	3.54	912	<1	0.02	131	1160	32	0.40	3	9	440
Q930434		10	<1	0.17	10	0.87	708	1	0.02	34	660	21	1.72	<2	4	48
Q930435		10	<1	0.15	10	1.16	702	1	0.03	39	750	9	1.75	<2	5	60
Q930436		10	<1	0.34	10	1.20	639	1	0.03	40	770	11	1.00	3	5	75
Q930437		10	<1	0.67	10	0.92	407	1	0.02	24	660	4	0.51	2	4	55
Q930438		10	<1	0.20	10	0.96	354	1	0.02	31	640	18	0.86	3	3	41
Q930439		10	<1	0.10	20	1.29	142	1	0.03	29	590	<2	0.01	<2	2	24
Q930440		10	<1	0.23	10	1.19	471	5	0.26	91	440	26	0.04	2	3	83
Q930441		<10	<1	0.10	20	0.37	104	2	0.01	9	600	3	0.01	4	1	41
Q930442		<10	<1	0.09	20	0.82	195	1	0.02	21	820	2	<0.01	<2	1	52
Q930443		10	<1	0.18	20	1.15	186	1	0.02	26	740	14	1.16	3	3	12
Q930444		10	<1	0.27	20	1.55	251	<1	0.03	18	690	7	1.31	<2	3	23
Q930445		10	<1	0.38	20	1.26	653	1	0.02	45	790	10	0.27	3	3	160
Q930446		10	<1	0.39	20	1.20	712	<1	0.03	30	910	11	0.38	3	5	153
Q930447		10	<1	0.85	20	1.20	643	1	0.04	45	790	15	0.24	3	6	116
Q930448		10	<1	0.71	20	1.20	674	1	0.04	41	820	13	0.21	2	5	123
Q930449		10	<1	0.53	20	1.35	583	1	0.04	51	750	14	0.21	4	3	131
Q930450		10	<1	0.60	20	1.53	594	1	0.04	58	780	8	0.15	4	3	152
Q930451		10	<1	0.99	20	1.25	646	1	0.02	38	780	7	0.17	2	4	94
Q930452		10	<1	0.44	20	0.90	551	<1	0.03	19	740	13	0.17	<2	2	142
Q930453		10	<1	0.79	20	0.79	479	1	0.04	16	610	9	0.11	2	2	107
Q930454		10	<1	0.74	10	0.87	651	<1	0.02	18	910	10	0.55	5	4	155
Q930455		<10	<1	0.86	20	0.93	616	1	0.04	33	670	24	0.04	4	2	117
Q930456		10	<1	0.59	10	0.71	738	1	0.02	18	690	10	2.01	3	2	109
Q930457		10	<1	0.80	20	0.85	589	1	0.02	19	690	14	0.31	2	2	101
Q930458		10	<1	0.17	10	1.11	665	1	0.01	32	740	6	0.53	3	5	162
Q930459		10	<1	0.24	20	1.17	661	2	0.02	40	690	9	0.13	<2	4	93
Q930460		<10	<1	0.33	50	0.23	165	<1	0.04	3	300	8	0.01	<2	2	9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
Q930421		<20	0.03	<10	<10	57	<10	49
Q930422		<20	0.08	<10	<10	43	<10	44
Q930423		<20	0.03	<10	<10	44	<10	56
Q930424		<20	0.15	<10	<10	57	<10	49
Q930425		<20	0.13	<10	<10	55	<10	75
Q930426		<20	0.04	<10	<10	20	<10	34
Q930427		<20	0.04	<10	<10	18	<10	21
Q930428		<20	0.02	<10	<10	16	<10	33
Q930429		<20	0.04	<10	<10	38	<10	59
Q930430		<20	0.04	<10	<10	40	<10	61
Q930431		<20	0.07	<10	<10	28	<10	80
Q930432		<20	0.06	<10	<10	25	<10	47
Q930433		<20	0.12	<10	<10	75	<10	129
Q930434		<20	0.02	<10	<10	35	<10	63
Q930435		<20	0.03	<10	<10	46	<10	48
Q930436		<20	0.06	<10	<10	44	<10	42
Q930437		<20	0.10	<10	<10	35	<10	30
Q930438		<20	0.02	<10	<10	32	<10	24
Q930439		<20	0.02	<10	<10	30	<10	10
Q930440		<20	0.12	<10	<10	82	<10	67
Q930441		<20	<0.01	<10	<10	3	<10	3
Q930442		<20	0.01	<10	<10	10	<10	7
Q930443		<20	0.01	<10	<10	29	<10	26
Q930444		<20	0.05	<10	<10	31	<10	24
Q930445		<20	0.04	<10	<10	30	<10	61
Q930446		<20	0.08	<10	<10	53	<10	52
Q930447		<20	0.15	<10	<10	52	<10	60
Q930448		<20	0.13	<10	<10	50	<10	50
Q930449		<20	0.09	<10	<10	35	<10	56
Q930450		<20	0.09	<10	<10	38	<10	56
Q930451		<20	0.14	<10	<10	42	<10	51
Q930452		<20	0.06	<10	<10	22	<10	49
Q930453		<20	0.12	<10	<10	26	<10	39
Q930454		<20	0.09	<10	<10	33	<10	33
Q930455		<20	0.13	<10	<10	25	<10	68
Q930456		<20	0.08	<10	<10	20	<10	36
Q930457		<20	0.11	<10	<10	18	<10	45
Q930458		<20	0.03	<10	<10	45	<10	51
Q930459		<20	0.04	<10	<10	35	<10	58
Q930460		30	0.07	<10	<10	15	<10	33

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930461		2.67	0.007	<0.2	1.31	355	<10	70	<0.5	<2	3.01	<0.5	11	15	34	5.08
Q930462		4.08	<0.005	<0.2	1.05	148	<10	120	<0.5	3	2.56	<0.5	11	37	34	3.46
Q930463		4.24	<0.005	<0.2	2.31	80	<10	130	<0.5	<2	2.17	<0.5	20	96	59	5.72
Q930464		4.50	<0.005	<0.2	1.96	65	<10	60	<0.5	<2	1.42	<0.5	16	32	39	4.99
Q930465		4.70	<0.005	<0.2	1.84	38	<10	60	<0.5	<2	2.50	<0.5	16	29	43	5.56
Q930466		4.38	<0.005	0.2	1.59	39	<10	60	<0.5	<2	2.20	<0.5	14	20	36	4.81
Q930467		3.97	<0.005	<0.2	1.53	22	<10	40	<0.5	<2	2.56	<0.5	10	18	27	6.26
Q930468		4.32	<0.005	<0.2	1.42	15	<10	20	<0.5	<2	1.98	<0.5	13	26	38	8.14
Q930469		1.84	<0.005	<0.2	2.41	22	<10	10	<0.5	<2	2.29	<0.5	11	35	22	9.03
Q930470		2.07	<0.005	<0.2	2.61	21	<10	10	<0.5	<2	1.93	<0.5	11	37	28	9.51
Q930471		4.45	<0.005	<0.2	2.08	38	<10	20	<0.5	<2	2.58	<0.5	9	38	19	8.09
Q930472		4.48	<0.005	<0.2	2.70	80	<10	30	<0.5	<2	3.24	<0.5	13	77	31	11.05
Q930473		4.40	<0.005	<0.2	3.85	56	<10	30	<0.5	<2	2.38	<0.5	9	37	26	14.15
Q930474		4.71	<0.005	<0.2	3.79	41	<10	30	<0.5	<2	1.79	<0.5	11	40	22	11.75
Q930475		4.51	0.006	<0.2	3.58	41	<10	10	<0.5	<2	2.04	<0.5	11	41	41	19.45
Q930476		4.31	<0.005	<0.2	1.30	46	<10	40	<0.5	<2	1.85	<0.5	4	10	5	3.87
Q930477		3.81	0.005	<0.2	2.13	753	<10	150	0.6	<2	2.46	<0.5	11	28	23	10.25
Q930478		4.30	<0.005	<0.2	2.28	72	<10	110	0.5	<2	2.72	<0.5	11	30	53	12.90
Q930479		4.21	<0.005	<0.2	3.03	46	<10	40	<0.5	<2	1.74	<0.5	12	44	34	10.80
Q930480		0.04	1.940	1.1	2.40	4	<10	130	<0.5	<2	1.55	<0.5	13	74	116	3.30
Q930481		4.86	<0.005	<0.2	3.53	24	<10	60	<0.5	<2	2.05	<0.5	11	43	28	11.80
Q930482		4.21	<0.005	<0.2	2.44	14	<10	190	<0.5	<2	1.58	<0.5	8	18	11	7.19
Q930483		4.26	<0.005	<0.2	3.12	97	<10	180	<0.5	<2	2.13	<0.5	9	28	22	10.65
Q930484		4.53	0.012	<0.2	3.35	68	<10	230	<0.5	<2	1.93	<0.5	14	45	45	11.45
Q930485		4.63	<0.005	<0.2	3.27	14	<10	270	<0.5	<2	2.13	<0.5	12	44	22	9.82
Q930486		3.96	<0.005	<0.2	3.24	14	<10	130	<0.5	<2	2.05	<0.5	13	62	32	10.10
Q930487		2.56	<0.005	<0.2	3.13	21	<10	90	<0.5	<2	2.81	<0.5	16	67	16	9.03
Q930488		3.90	<0.005	<0.2	2.60	9	<10	110	<0.5	<2	1.77	<0.5	11	33	55	8.22
Q930489		1.65	<0.005	<0.2	2.15	19	<10	80	<0.5	<2	1.66	<0.5	12	32	31	5.74
Q930490		1.54	<0.005	<0.2	2.40	20	<10	80	<0.5	<2	2.00	<0.5	13	32	49	6.95
Q930491		4.41	<0.005	0.2	1.41	29	<10	100	<0.5	<2	2.08	<0.5	13	50	29	2.97
Q930492		3.64	<0.005	<0.2	2.41	15	<10	50	<0.5	<2	1.71	<0.5	15	73	38	8.37
Q930493		3.67	<0.005	<0.2	1.65	9	<10	80	<0.5	<2	1.59	<0.5	12	24	33	3.72
Q930494		4.03	<0.005	<0.2	2.10	7	<10	100	<0.5	<2	1.82	<0.5	16	44	42	7.55
Q930495		4.11	<0.005	<0.2	1.62	4	<10	120	<0.5	<2	1.75	<0.5	12	41	33	11.75
Q930496		4.46	<0.005	<0.2	1.87	2	<10	160	0.5	<2	1.71	<0.5	16	76	50	13.85
Q930497		4.62	<0.005	<0.2	1.72	8	<10	60	<0.5	2	1.77	<0.5	14	26	37	6.07

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930461		<10	<1	0.56	20	0.61	553	2	0.01	27	560	12	0.44	<2	2	85
Q930462		<10	<1	0.58	20	1.02	574	1	0.02	31	850	18	0.21	2	2	164
Q930463		10	<1	0.71	20	1.97	559	1	0.02	66	1160	13	0.20	<2	4	167
Q930464		10	<1	0.18	20	1.19	598	3	0.03	40	630	15	0.09	2	2	68
Q930465		10	<1	0.18	20	0.97	649	1	0.03	41	680	10	0.22	3	2	78
Q930466		10	<1	0.20	30	0.89	531	1	0.02	32	640	11	0.04	3	2	64
Q930467		<10	<1	0.16	20	0.76	568	1	0.02	27	670	9	0.88	2	2	63
Q930468		<10	<1	0.13	10	0.75	489	1	0.02	37	520	7	2.50	2	2	38
Q930469		10	<1	0.07	20	0.98	513	<1	0.02	31	600	8	1.42	<2	4	63
Q930470		10	<1	0.07	20	1.02	517	1	0.02	31	610	6	1.35	2	4	55
Q930471		10	<1	0.10	10	1.20	581	1	0.03	37	580	11	1.29	5	3	102
Q930472		10	<1	0.15	10	2.16	744	<1	0.02	56	760	7	1.80	5	5	237
Q930473		10	<1	0.06	20	1.09	713	<1	0.01	26	720	10	1.59	2	5	59
Q930474		10	<1	0.10	20	1.07	698	1	0.02	30	610	10	0.86	3	5	57
Q930475		10	<1	0.04	10	1.08	874	<1	0.01	30	720	6	4.27	3	7	50
Q930476		10	<1	0.14	10	0.68	496	3	0.03	11	310	25	0.11	<2	1	71
Q930477		10	<1	0.46	20	1.38	830	1	0.04	25	740	17	2.03	2	5	239
Q930478		10	<1	0.34	20	1.74	1205	<1	0.04	24	830	22	3.21	2	6	253
Q930479		10	<1	0.14	20	1.43	795	<1	0.03	33	670	13	1.46	2	6	105
Q930480		10	<1	0.23	10	1.18	466	5	0.27	88	440	23	0.04	3	3	85
Q930481		10	<1	0.13	20	1.18	901	1	0.02	33	670	11	1.35	2	5	84
Q930482		10	<1	0.57	30	0.70	733	2	0.02	18	470	10	0.49	2	2	84
Q930483		10	<1	0.52	20	0.97	620	1	0.02	26	630	12	1.23	2	4	101
Q930484		10	<1	0.80	20	1.19	537	1	0.02	34	710	12	1.58	<2	5	126
Q930485		10	<1	0.78	10	1.02	528	1	0.02	31	520	9	0.63	<2	6	153
Q930486		10	<1	0.46	20	1.24	584	1	0.03	39	590	8	0.61	2	7	137
Q930487		10	1	0.37	20	1.60	707	1	0.02	47	710	18	0.40	4	6	162
Q930488		10	<1	0.47	20	0.93	527	1	0.02	32	600	11	0.80	3	3	86
Q930489		10	<1	0.40	20	0.91	530	3	0.02	34	580	9	0.24	2	2	109
Q930490		10	<1	0.31	20	1.00	631	3	0.02	33	590	15	0.59	<2	2	129
Q930491		10	<1	0.57	30	1.11	481	2	0.03	47	570	14	0.07	<2	2	119
Q930492		10	<1	0.24	20	1.34	532	1	0.02	49	670	12	0.18	2	2	121
Q930493		10	<1	0.38	20	0.87	460	1	0.03	33	520	13	0.08	2	2	116
Q930494		10	<1	0.56	20	1.16	620	1	0.03	44	690	13	0.12	4	3	136
Q930495		10	<1	0.42	20	1.04	570	2	0.04	31	730	10	0.08	5	4	134
Q930496		10	<1	0.56	10	1.44	631	2	0.04	45	820	18	0.18	2	8	143
Q930497		10	<1	0.19	20	0.83	505	1	0.03	31	640	9	0.14	<2	3	98

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
Q930461		<20	0.07	<10	<10	15	<10	45
Q930462		<20	0.06	<10	<10	16	<10	47
Q930463		<20	0.10	<10	<10	37	<10	65
Q930464		<20	0.02	<10	<10	25	<10	60
Q930465		<20	0.02	<10	<10	21	<10	56
Q930466		<20	0.02	<10	<10	17	<10	48
Q930467		<20	0.01	<10	<10	17	<10	45
Q930468		<20	0.01	<10	<10	16	<10	41
Q930469		<20	0.02	<10	<10	33	<10	40
Q930470		<20	0.02	<10	<10	37	<10	44
Q930471		<20	0.02	<10	<10	25	<10	41
Q930472		<20	0.02	<10	<10	38	<10	49
Q930473		<20	0.02	<10	<10	41	<10	48
Q930474		<20	0.02	<10	<10	41	<10	63
Q930475		<20	0.02	<10	<10	51	<10	56
Q930476		<20	0.01	<10	<10	8	<10	40
Q930477		<20	0.08	<10	<10	36	<10	72
Q930478		<20	0.07	<10	<10	41	<10	103
Q930479		<20	0.04	<10	<10	48	<10	98
Q930480		<20	0.13	<10	<10	81	<10	65
Q930481		<20	0.03	<10	<10	45	<10	71
Q930482		<20	0.09	<10	<10	19	<10	53
Q930483		<20	0.09	<10	<10	31	<10	56
Q930484		<20	0.15	<10	<10	46	<10	55
Q930485		<20	0.15	<10	<10	48	<10	55
Q930486		<20	0.09	<10	<10	60	<10	56
Q930487		<20	0.07	<10	<10	51	<10	59
Q930488		<20	0.08	<10	<10	31	<10	48
Q930489		<20	0.06	<10	<10	25	<10	51
Q930490		<20	0.05	<10	<10	26	<10	53
Q930491		<20	0.08	<10	<10	21	<10	47
Q930492		<20	0.03	<10	<10	29	<10	63
Q930493		<20	0.05	<10	<10	18	<10	53
Q930494		<20	0.09	<10	<10	43	<10	60
Q930495		<20	0.07	<10	<10	55	<10	49
Q930496		<20	0.10	<10	<10	84	<10	53
Q930497		<20	0.03	<10	<10	27	<10	58

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 12-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17058434

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

CERTIFICATE TB17062285

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 66 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 3-APR-2017.

The following have access to data associated with this certificate:

JIM DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

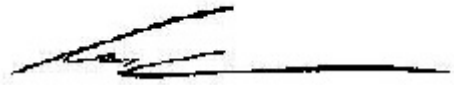
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930498		4.33	<0.005	<0.2	2.18	4	<10	250	<0.5	<2	1.37	<0.5	10	8	6	4.43
Q930499		4.38	<0.005	<0.2	2.17	5	<10	160	<0.5	<2	1.59	<0.5	10	8	6	4.46
Q930500		1.99	<0.005	<0.2	0.51	<2	<10	50	<0.5	<2	0.21	<0.5	2	10	5	1.42
Q930501		3.68	<0.005	<0.2	2.17	4	<10	190	<0.5	<2	1.52	<0.5	10	7	6	4.44
Q930502		2.23	<0.005	<0.2	2.15	6	<10	120	<0.5	<2	1.56	<0.5	11	8	6	4.49
Q930503		2.30	<0.005	<0.2	2.31	2	<10	170	<0.5	<2	1.79	<0.5	10	6	8	4.43
Q930504		3.18	<0.005	<0.2	2.23	3	<10	170	<0.5	<2	1.69	<0.5	10	6	6	4.39
Q930505		2.81	<0.005	<0.2	2.04	3	<10	130	<0.5	<2	2.51	<0.5	11	6	11	4.53
Q930506		4.16	<0.005	<0.2	2.18	3	<10	100	<0.5	2	2.40	<0.5	12	5	8	4.52
Q930507		3.16	<0.005	<0.2	2.30	3	<10	70	<0.5	2	2.11	<0.5	10	9	46	5.21
Q930508		2.58	<0.005	<0.2	1.88	4	<10	40	<0.5	<2	2.22	<0.5	8	5	7	4.37
Q930509		1.15	<0.005	<0.2	2.01	6	<10	40	<0.5	<2	2.17	<0.5	8	5	15	4.58
Q930510		1.26	<0.005	<0.2	1.98	5	<10	40	<0.5	2	2.33	<0.5	9	8	13	4.54
Q930511		1.70	<0.005	<0.2	1.94	3	<10	110	<0.5	<2	1.91	<0.5	8	6	8	4.45
Q930512		2.79	<0.005	0.2	2.19	3	<10	80	<0.5	<2	2.67	0.8	13	4	16	4.99
Q930513		4.42	<0.005	<0.2	2.98	6	<10	40	<0.5	<2	2.50	<0.5	16	5	5	5.91
Q930514		3.76	<0.005	<0.2	2.36	4	<10	20	<0.5	<2	2.83	<0.5	16	10	17	5.61
Q930515		4.63	<0.005	<0.2	2.29	2	<10	20	<0.5	<2	2.19	<0.5	14	7	15	5.75
Q930516		1.90	<0.005	<0.2	2.87	4	<10	20	<0.5	<2	2.03	<0.5	15	5	5	6.44
Q930517		3.76	<0.005	<0.2	2.51	3	<10	30	<0.5	<2	2.98	<0.5	12	14	25	7.14
Q930518		4.06	<0.005	<0.2	2.92	3	<10	30	<0.5	<2	2.35	<0.5	15	31	28	9.02
Q930519		1.62	<0.005	<0.2	2.58	9	<10	30	<0.5	<2	1.82	<0.5	17	52	14	5.78
Q930520		0.04	2.15	1.1	2.48	6	<10	140	<0.5	<2	1.62	<0.5	13	77	118	3.52
Q930521		4.12	<0.005	<0.2	3.01	3	<10	30	<0.5	<2	2.25	<0.5	13	49	29	8.69
Q930522		4.13	<0.005	<0.2	2.56	4	<10	10	<0.5	<2	2.13	<0.5	15	47	34	7.81
Q930523		2.63	<0.005	<0.2	2.99	6	<10	20	<0.5	<2	2.45	<0.5	11	40	14	9.20
Q930524		4.67	<0.005	<0.2	3.45	3	<10	110	0.9	<2	2.05	<0.5	6	29	27	22.2
Q930525		4.35	<0.005	0.2	2.98	2	<10	90	0.9	<2	1.23	<0.5	9	25	39	25.7
Q930526		4.61	<0.005	<0.2	3.74	2	<10	100	1.0	<2	1.97	<0.5	12	42	32	20.6
Q930527		4.70	<0.005	<0.2	3.11	3	<10	180	0.8	<2	2.10	<0.5	13	47	13	21.3
Q930528		4.15	<0.005	<0.2	3.36	4	<10	150	1.0	<2	1.33	<0.5	15	50	9	11.70
Q930529		4.99	<0.005	<0.2	3.64	<2	<10	40	1.0	<2	0.77	<0.5	10	33	36	22.3
Q930530		1.91	<0.005	<0.2	0.50	2	<10	40	<0.5	<2	0.19	<0.5	3	10	7	1.48
Q930531		2.28	<0.005	<0.2	3.29	2	<10	80	1.0	<2	1.02	<0.5	7	29	18	20.5
Q930532		4.21	<0.005	<0.2	3.55	<2	<10	80	1.0	<2	1.74	<0.5	9	33	28	21.5
Q930533		4.69	<0.005	<0.2	3.67	3	<10	130	1.0	<2	1.92	<0.5	11	40	19	18.80
Q930534		4.96	<0.005	<0.2	2.06	5	<10	70	<0.5	<2	2.18	<0.5	11	26	98	20.00
Q930535		5.10	<0.005	<0.2	4.27	<2	<10	110	0.9	<2	0.83	<0.5	10	43	36	16.80
Q930536		1.37	<0.005	0.2	3.43	<2	<10	90	0.6	<2	0.99	<0.5	12	19	67	24.4
Q930537		2.85	<0.005	<0.2	2.45	2	<10	90	<0.5	<2	1.06	<0.5	10	27	46	19.15

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930498		10	<1	1.07	20	1.13	960	1	0.04	3	1890	13	0.09	<2	5	98
Q930499		10	<1	0.71	30	1.22	958	1	0.04	4	1910	24	0.12	<2	5	91
Q930500		<10	<1	0.37	50	0.27	187	<1	0.05	3	340	10	<0.01	<2	3	12
Q930501		10	<1	0.79	30	1.21	980	<1	0.04	4	1800	12	0.15	<2	6	86
Q930502		10	<1	0.46	30	1.25	993	1	0.04	5	1830	9	0.08	<2	6	91
Q930503		10	<1	0.96	40	1.24	889	1	0.04	5	1820	11	0.05	<2	7	122
Q930504		10	<1	1.00	30	1.08	890	1	0.04	4	1840	10	0.05	<2	5	118
Q930505		10	<1	0.77	50	1.11	952	1	0.03	5	1800	9	0.35	<2	7	91
Q930506		10	<1	0.52	40	1.28	957	1	0.04	5	1780	12	0.23	<2	8	94
Q930507		10	<1	0.33	30	1.30	1090	1	0.03	7	1250	80	0.32	<2	6	88
Q930508		10	<1	0.16	40	0.93	897	1	0.04	4	1180	22	0.16	<2	8	65
Q930509		10	<1	0.08	50	1.11	949	<1	0.03	4	1310	18	0.07	<2	8	55
Q930510		10	<1	0.09	50	1.08	932	1	0.04	5	1260	16	0.08	<2	9	55
Q930511		10	<1	0.53	40	1.01	936	1	0.04	5	1220	11	0.25	<2	7	68
Q930512		10	<1	0.30	30	1.28	1005	<1	0.03	5	1270	55	0.35	<2	6	76
Q930513		10	<1	0.07	40	2.07	1440	1	0.03	7	1480	8	0.16	<2	8	68
Q930514		10	<1	0.05	30	1.39	1105	1	0.05	11	1160	7	0.60	4	6	68
Q930515		10	<1	0.03	40	1.33	895	1	0.05	8	1390	5	0.75	4	7	51
Q930516		20	<1	0.02	40	1.64	1030	1	0.05	4	1460	6	0.30	5	11	64
Q930517		10	<1	0.04	30	1.45	997	<1	0.04	12	1080	7	1.11	4	7	79
Q930518		10	<1	0.05	30	1.52	880	1	0.04	27	1090	3	1.53	4	6	59
Q930519		10	<1	0.03	30	1.51	708	1	0.04	44	840	17	0.14	4	6	42
Q930520		10	<1	0.25	10	1.27	495	5	0.30	93	460	24	0.03	4	3	87
Q930521		10	<1	0.04	20	1.72	972	1	0.04	37	750	7	1.33	7	5	52
Q930522		10	<1	0.03	20	1.60	915	1	0.04	39	660	4	1.49	3	6	50
Q930523		10	<1	0.04	20	1.64	918	<1	0.04	38	800	9	1.78	4	5	57
Q930524		10	<1	0.52	10	1.41	1200	<1	0.03	18	710	<2	3.70	10	5	71
Q930525		10	1	0.24	10	1.38	831	1	0.04	15	760	2	4.85	10	5	45
Q930526		10	1	0.48	10	1.65	723	<1	0.03	27	830	5	4.45	7	7	71
Q930527		10	<1	0.54	10	1.71	649	1	0.12	29	740	3	1.79	9	7	80
Q930528		10	<1	0.74	20	1.58	582	<1	0.04	41	700	3	1.85	7	10	45
Q930529		10	<1	0.72	10	1.43	738	1	0.03	25	810	<2	5.45	9	7	26
Q930530		<10	<1	0.37	50	0.27	187	<1	0.05	2	330	11	0.03	<2	3	9
Q930531		10	<1	1.03	10	1.44	992	<1	0.06	16	750	3	3.23	7	6	39
Q930532		10	<1	0.71	10	1.32	1000	1	0.03	23	760	<2	4.66	7	7	68
Q930533		10	<1	0.59	10	1.69	955	1	0.05	27	850	2	2.45	9	8	74
Q930534		10	<1	0.33	10	1.04	842	<1	0.09	28	750	10	5.97	6	4	77
Q930535		10	<1	0.85	20	1.78	783	<1	0.03	32	700	<2	2.88	8	8	26
Q930536		10	<1	0.36	10	1.23	681	1	0.02	13	690	4	6.76	9	4	34
Q930537		10	<1	0.47	20	1.03	549	<1	0.07	28	650	2	5.28	7	4	35

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
Q930498		<20	0.30	<10	<10	30	<10	131
Q930499		<20	0.27	<10	<10	32	<10	175
Q930500		30	0.07	<10	<10	17	<10	39
Q930501		<20	0.30	<10	<10	33	<10	115
Q930502		<20	0.26	<10	<10	35	<10	107
Q930503		<20	0.27	<10	<10	33	<10	100
Q930504		<20	0.26	<10	<10	32	<10	107
Q930505		<20	0.21	<10	<10	28	<10	107
Q930506		<20	0.20	<10	<10	33	<10	92
Q930507		<20	0.24	<10	<10	33	<10	245
Q930508		<20	0.20	<10	<10	24	<10	152
Q930509		<20	0.18	<10	<10	26	<10	142
Q930510		<20	0.20	<10	<10	26	<10	170
Q930511		<20	0.23	<10	<10	22	<10	104
Q930512		<20	0.18	<10	<10	44	<10	243
Q930513		<20	0.20	<10	<10	66	<10	107
Q930514		<20	0.17	<10	<10	56	<10	106
Q930515		<20	0.18	<10	<10	48	<10	139
Q930516		<20	0.19	<10	<10	67	<10	161
Q930517		<20	0.13	<10	<10	58	<10	157
Q930518		<20	0.10	<10	<10	65	<10	86
Q930519		<20	0.08	<10	<10	70	<10	78
Q930520		<20	0.13	<10	<10	84	<10	71
Q930521		<20	0.06	<10	<10	59	<10	62
Q930522		<20	0.06	<10	<10	57	<10	81
Q930523		<20	0.04	<10	<10	51	<10	58
Q930524		<20	0.11	<10	<10	40	<10	30
Q930525		<20	0.05	<10	<10	38	<10	22
Q930526		<20	0.11	<10	10	58	<10	38
Q930527		<20	0.08	<10	<10	59	<10	47
Q930528		<20	0.15	<10	<10	78	<10	47
Q930529		<20	0.15	<10	<10	57	<10	38
Q930530		40	0.08	<10	<10	18	<10	37
Q930531		<20	0.17	<10	<10	50	<10	39
Q930532		<20	0.13	<10	<10	51	<10	28
Q930533		<20	0.10	<10	<10	58	<10	35
Q930534		<20	0.04	<10	<10	33	<10	31
Q930535		<20	0.16	<10	<10	64	<10	51
Q930536		<20	0.09	<10	10	32	<10	30
Q930537		<20	0.08	<10	<10	36	<10	29

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CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
Q930538		3.40	<0.005	<0.2	2.88	7	<10	170	0.5	<2	1.07	<0.5	15	31	<1	6.68
Q930539		4.79	<0.005	<0.2	3.98	3	<10	120	<0.5	<2	1.15	<0.5	11	18	14	12.05
Q930540		2.00	<0.005	<0.2	0.50	2	<10	40	<0.5	<2	0.18	<0.5	3	10	5	1.41
Q930541		4.19	<0.005	<0.2	2.60	2	<10	150	<0.5	<2	1.57	<0.5	6	17	28	15.85
Q930542		4.82	<0.005	<0.2	2.08	8	<10	100	<0.5	<2	0.96	<0.5	11	21	<1	4.84
Q930543		4.48	<0.005	<0.2	3.20	6	<10	110	<0.5	<2	0.94	<0.5	18	34	7	8.93
Q930544		3.19	<0.005	<0.2	2.84	5	<10	130	0.5	<2	1.06	<0.5	13	29	20	12.05
Q930545		3.00	<0.005	<0.2	4.02	3	<10	60	<0.5	<2	0.98	<0.5	11	32	42	11.75
Q930546		4.56	<0.005	<0.2	2.40	3	10	70	<0.5	<2	3.73	<0.5	5	16	34	18.50
Q930547		4.22	<0.005	<0.2	3.23	<2	<10	70	<0.5	<2	1.13	<0.5	11	27	6	8.02
Q930548		4.51	<0.005	<0.2	2.83	7	<10	110	<0.5	<2	1.84	<0.5	12	28	16	11.70
Q930549		1.13	<0.005	<0.2	2.85	3	<10	70	<0.5	<2	1.48	<0.5	12	23	57	10.55
Q930550		1.06	<0.005	<0.2	3.01	3	<10	60	<0.5	<2	1.12	<0.5	12	24	47	10.35
S193951		4.62	<0.005	<0.2	2.24	<2	<10	120	<0.5	2	1.37	<0.5	10	18	63	14.25
S193952		1.36	<0.005	<0.2	3.25	<2	<10	50	<0.5	<2	3.36	<0.5	10	29	13	9.26
S193953		4.31	<0.005	<0.2	3.02	4	<10	80	<0.5	<2	1.09	<0.5	14	30	54	7.32
S193954		2.26	<0.005	<0.2	3.09	<2	<10	100	<0.5	<2	0.80	<0.5	6	22	38	18.05
S193955		5.10	<0.005	<0.2	2.52	3	<10	90	<0.5	<2	1.26	<0.5	13	31	17	5.78
S193956		4.79	<0.005	<0.2	2.34	4	<10	80	<0.5	<2	0.78	<0.5	10	21	14	4.51
S193957		1.48	<0.005	<0.2	2.95	2	<10	50	<0.5	<2	1.96	<0.5	8	11	109	11.90
S193958		2.92	<0.005	<0.2	2.25	<2	<10	110	<0.5	<2	0.52	<0.5	4	9	6	5.11
S193959		3.06	<0.005	<0.2	3.36	2	<10	80	<0.5	<2	1.39	<0.5	5	14	36	10.70
S193960		0.04	2.11	1.0	2.43	6	<10	140	<0.5	<2	1.59	<0.5	13	74	117	3.45
S193961		4.14	<0.005	<0.2	2.61	5	<10	70	<0.5	<2	1.23	<0.5	13	24	10	5.13
S193962		4.57	<0.005	0.4	3.00	9	<10	50	<0.5	<2	0.52	<0.5	17	40	52	5.84
S193963		2.04	<0.005	0.3	4.63	<2	<10	10	<0.5	<2	0.71	<0.5	10	50	70	13.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
Q930538		10	<1	0.51	30	1.33	525	1	0.03	40	630	2	0.04	2	4	42
Q930539		10	<1	0.34	20	1.53	638	1	0.02	19	710	6	1.23	3	3	44
Q930540		<10	<1	0.35	70	0.27	185	<1	0.05	3	310	10	0.01	<2	3	12
Q930541		10	<1	0.51	10	1.29	762	1	0.15	14	550	5	2.63	6	3	58
Q930542		10	<1	0.30	20	0.86	498	1	0.04	28	450	5	0.01	2	2	41
Q930543		10	<1	0.44	30	1.40	626	1	0.04	35	650	2	0.91	4	5	40
Q930544		10	<1	0.56	20	1.29	642	1	0.06	30	580	2	2.46	6	4	37
Q930545		10	<1	0.21	20	2.20	680	1	0.02	25	560	2	1.61	5	5	33
Q930546		10	<1	0.21	10	1.34	730	1	0.10	12	540	5	1.09	6	3	126
Q930547		10	<1	0.24	20	1.36	412	1	0.04	26	640	5	0.13	2	4	50
Q930548		10	1	0.35	20	1.17	404	1	0.05	32	660	<2	1.42	4	4	82
Q930549		10	<1	0.16	20	1.11	476	<1	0.04	26	530	4	1.76	5	4	50
Q930550		10	<1	0.14	20	1.15	436	<1	0.03	25	550	9	1.47	3	4	44
S193951		10	<1	0.35	20	0.94	498	1	0.10	25	440	5	1.93	2	2	59
S193952		10	<1	0.15	10	1.21	663	1	<0.01	26	440	5	0.40	<2	4	153
S193953		10	<1	0.37	20	1.17	517	1	0.01	34	450	8	0.04	<2	3	54
S193954		10	<1	0.47	10	1.49	731	1	0.19	17	570	6	0.97	<2	4	39
S193955		10	<1	0.48	20	1.13	567	1	0.02	34	430	6	0.05	3	3	60
S193956		10	<1	0.50	20	1.48	413	1	0.01	25	380	9	0.02	<2	2	39
S193957		10	<1	0.29	10	1.99	554	<1	0.01	10	750	24	2.99	2	3	47
S193958		10	<1	0.50	20	1.18	352	1	0.03	8	390	15	0.25	<2	1	23
S193959		10	<1	0.40	20	1.72	711	1	0.06	12	510	23	1.13	<2	3	50
S193960		10	<1	0.24	10	1.23	471	5	0.28	92	440	25	0.04	4	3	88
S193961		10	<1	0.46	20	1.63	526	1	0.01	32	470	6	0.03	2	2	58
S193962		10	<1	0.19	20	2.11	497	2	0.01	46	500	27	0.32	<2	3	22
S193963		10	<1	0.08	10	4.16	470	1	<0.01	36	680	11	3.10	<2	8	36

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
Q930538		<20	0.09	<10	<10	37	<10	42
Q930539		<20	0.06	<10	<10	27	<10	35
Q930540		40	0.08	<10	<10	17	<10	37
Q930541		<20	0.06	<10	<10	29	<10	22
Q930542		<20	0.05	<10	<10	23	<10	53
Q930543		<20	0.09	<10	<10	43	<10	63
Q930544		<20	0.08	<10	<10	35	<10	38
Q930545		<20	0.04	<10	<10	40	<10	50
Q930546		<20	0.02	<10	<10	22	<10	23
Q930547		<20	0.05	<10	<10	37	<10	60
Q930548		<20	0.06	<10	<10	36	<10	35
Q930549		<20	0.03	<10	<10	30	<10	65
Q930550		<20	0.02	<10	<10	32	<10	63
S193951		<20	0.02	<10	<10	21	<10	39
S193952		<20	0.03	<10	<10	29	<10	44
S193953		<20	0.06	<10	<10	28	<10	55
S193954		<20	0.03	<10	<10	28	<10	48
S193955		<20	0.08	<10	<10	29	<10	62
S193956		<20	0.07	<10	<10	20	<10	54
S193957		<20	0.05	<10	<10	23	<10	78
S193958		<20	0.08	<10	<10	13	<10	78
S193959		<20	0.06	<10	<10	24	<10	69
S193960		<20	0.13	<10	<10	82	<10	66
S193961		<20	0.07	<10	<10	24	<10	57
S193962		<20	0.03	<10	<10	30	<10	91
S193963		<20	0.02	<10	<10	60	<10	86

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 18-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17062285

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	
Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

CERTIFICATE TB17064117

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 94 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-APR-2017.

The following have access to data associated with this certificate:

JIM DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

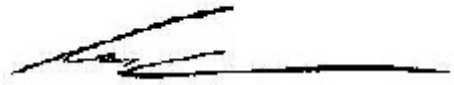
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S193964		2.39	<0.005	<0.2	2.31	3	<10	70	<0.5	<2	1.95	<0.5	14	41	45	5.96
S193965		2.16	<0.005	<0.2	3.49	3	<10	110	<0.5	<2	2.69	<0.5	27	79	86	10.75
S193966		2.32	<0.005	<0.2	2.17	4	<10	90	<0.5	<2	1.66	<0.5	14	31	50	5.28
S193967		2.38	<0.005	<0.2	2.99	7	<10	60	<0.5	2	1.93	<0.5	23	55	73	6.80
S193968		2.14	<0.005	<0.2	3.04	7	<10	60	<0.5	<2	1.74	<0.5	20	55	59	7.53
S193969		1.26	<0.005	<0.2	2.94	10	<10	50	<0.5	2	1.99	<0.5	22	62	65	7.03
S193970		0.67	<0.005	0.3	2.85	10	<10	50	<0.5	2	2.44	<0.5	22	61	60	6.65
S193971		2.10	<0.005	<0.2	1.71	5	<10	80	<0.5	<2	0.99	<0.5	11	18	24	3.30
S193972		2.64	<0.005	0.2	2.97	7	<10	50	<0.5	2	1.80	<0.5	17	53	54	14.65
S193973		3.08	<0.005	<0.2	3.28	7	<10	60	<0.5	<2	1.74	<0.5	23	63	80	7.94
S193974		2.30	<0.005	0.2	2.12	5	<10	60	<0.5	<2	1.52	<0.5	13	28	39	4.34
S193975		2.52	<0.005	0.2	2.91	5	<10	60	<0.5	<2	1.59	<0.5	16	53	55	13.70
S193976		2.25	<0.005	<0.2	3.38	10	<10	70	<0.5	2	1.55	<0.5	27	69	78	7.97
S193977		4.69	<0.005	<0.2	3.04	3	<10	70	<0.5	<2	1.98	<0.5	17	57	45	11.05
S193978		2.22	<0.005	0.2	3.25	2	<10	80	<0.5	2	2.00	<0.5	24	71	67	16.00
S193979		2.31	<0.005	<0.2	3.22	6	<10	70	<0.5	<2	2.36	<0.5	28	72	89	7.53
S193980		0.04	2.04	1.4	2.58	6	<10	140	<0.5	<2	1.66	<0.5	14	78	121	3.52
S193981		2.63	<0.005	<0.2	2.89	10	<10	60	<0.5	<2	1.98	<0.5	24	65	71	6.51
S193982		2.60	<0.005	<0.2	3.16	10	<10	60	<0.5	<2	1.71	<0.5	23	59	70	7.17
S193983		2.03	<0.005	<0.2	3.01	9	<10	70	<0.5	<2	1.55	<0.5	21	59	65	7.66
S193984		2.24	<0.005	<0.2	3.51	<2	<10	100	<0.5	2	1.81	<0.5	17	55	53	13.15
S193985		2.17	<0.005	<0.2	2.71	2	<10	90	<0.5	2	3.00	<0.5	16	34	33	6.18
S193986		2.06	<0.005	<0.2	3.09	6	<10	170	0.6	<2	3.51	<0.5	22	23	63	6.26
S193987		2.12	<0.005	<0.2	2.16	2	<10	60	<0.5	<2	1.59	<0.5	12	29	30	4.98
S193988		2.29	<0.005	<0.2	2.34	8	<10	60	<0.5	<2	2.67	<0.5	17	41	51	7.27
S193989		2.02	<0.005	<0.2	2.95	5	<10	100	<0.5	<2	1.92	<0.5	23	79	68	7.13
S193990		1.08	<0.005	<0.2	2.89	4	<10	80	<0.5	<2	2.10	<0.5	23	76	79	7.17
S193991		1.66	<0.005	<0.2	2.39	11	<10	180	1.1	<2	2.21	<0.5	15	1	68	5.52
S193992		0.82	<0.005	<0.2	2.72	3	<10	200	1.1	<2	1.86	<0.5	13	1	69	5.63
S193993		1.32	<0.005	<0.2	2.58	6	<10	150	1.1	<2	2.29	<0.5	14	1	72	5.49
S193994		1.23	<0.005	<0.2	2.50	10	<10	130	1.3	<2	1.70	<0.5	15	2	75	5.29
S193995		2.07	<0.005	<0.2	2.30	8	<10	120	1.1	<2	2.28	<0.5	13	2	112	5.09
S193996		2.51	<0.005	<0.2	2.43	8	<10	170	1.0	<2	1.29	<0.5	13	1	68	4.97
S193997		2.34	<0.005	<0.2	2.66	8	<10	170	1.2	<2	1.42	<0.5	14	2	66	5.25
S193998		2.37	<0.005	<0.2	2.36	7	<10	140	1.2	<2	2.02	<0.5	13	2	47	4.55
S193999		2.45	<0.005	<0.2	2.63	7	<10	170	1.2	<2	1.30	<0.5	14	2	68	5.15
S194000		2.65	<0.005	<0.2	0.49	<2	<10	40	<0.5	<2	0.20	<0.5	3	8	4	1.29
S194201		1.63	<0.005	<0.2	2.62	6	<10	170	1.2	<2	1.53	<0.5	15	2	67	5.15
S194202		2.31	<0.005	<0.2	2.47	6	<10	130	1.2	<2	1.91	<0.5	13	1	59	4.94
S194203		1.66	<0.005	<0.2	2.61	6	<10	170	1.2	<2	1.61	<0.5	13	2	65	5.15

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S193964		10	<1	0.46	30	1.13	584	1	0.03	36	660	13	0.16	<2	4	114
S193965		10	<1	0.93	20	1.58	773	<1	0.02	74	700	7	0.15	2	9	166
S193966		10	1	0.49	30	1.07	507	1	0.02	35	560	21	0.15	<2	3	111
S193967		10	<1	0.31	20	1.49	708	<1	0.02	64	650	15	0.16	<2	5	121
S193968		10	<1	0.31	20	1.54	680	1	0.02	59	660	15	0.11	<2	5	102
S193969		10	<1	0.26	20	1.44	725	1	0.02	61	610	14	0.15	<2	5	114
S193970		10	1	0.24	20	1.41	772	1	0.02	63	600	58	0.10	<2	5	134
S193971		10	<1	0.40	40	0.85	349	1	0.02	26	610	11	0.01	<2	2	56
S193972		10	<1	0.37	20	1.39	747	1	0.02	52	640	11	0.13	2	5	114
S193973		10	<1	0.37	20	1.54	696	1	0.02	65	590	14	0.22	<2	6	94
S193974		10	<1	0.26	30	1.17	481	1	0.02	34	480	27	0.02	<2	2	89
S193975		10	<1	0.42	20	1.36	750	1	0.02	48	590	16	0.18	<2	5	106
S193976		10	<1	0.44	20	1.60	771	<1	0.02	74	590	12	0.14	<2	7	97
S193977		10	<1	0.51	20	1.40	753	1	0.03	50	770	13	0.19	<2	7	125
S193978		10	<1	0.71	10	1.42	833	<1	0.02	63	670	4	0.22	<2	8	123
S193979		10	<1	0.32	20	1.52	878	<1	0.02	81	540	11	0.19	<2	6	136
S193980		10	1	0.25	10	1.26	489	5	0.30	91	450	25	0.04	<2	3	96
S193981		10	<1	0.32	20	1.50	725	<1	0.02	68	590	17	0.17	<2	5	121
S193982		10	<1	0.30	20	1.58	675	1	0.02	65	640	13	0.19	2	5	106
S193983		10	<1	0.55	30	1.44	637	1	0.03	60	790	13	0.13	<2	6	100
S193984		10	<1	0.80	20	1.51	743	1	0.02	46	770	9	0.34	<2	7	113
S193985		10	<1	0.50	30	1.35	700	1	0.03	33	1140	38	0.07	2	5	177
S193986		10	<1	0.78	60	1.96	1040	1	0.04	26	3120	15	0.02	<2	7	259
S193987		10	<1	0.38	20	1.13	488	1	0.02	32	540	11	0.07	<2	3	99
S193988		10	<1	0.21	20	1.14	731	1	0.02	49	620	12	0.24	<2	4	145
S193989		10	1	0.63	20	1.53	788	<1	0.03	68	640	8	0.17	<2	9	94
S193990		10	<1	0.53	20	1.51	789	<1	0.03	68	670	12	0.20	<2	9	100
S193991		10	<1	1.59	80	1.01	1000	4	0.03	3	2780	41	0.09	3	4	186
S193992		10	<1	1.86	90	0.90	1110	<1	0.05	3	3020	46	0.01	<2	4	335
S193993		10	<1	1.47	90	0.92	1190	1	0.04	3	2970	61	0.01	<2	4	337
S193994		10	1	1.16	80	0.95	1190	<1	0.05	3	3010	26	0.01	2	4	445
S193995		10	<1	1.16	80	0.89	1115	2	0.05	2	2850	115	0.05	<2	3	512
S193996		10	<1	1.79	70	0.86	1010	<1	0.04	3	2890	28	<0.01	<2	2	282
S193997		10	<1	2.04	70	0.93	1070	1	0.04	4	3120	22	0.01	<2	2	273
S193998		10	<1	1.70	60	0.84	952	2	0.04	3	2790	20	0.01	<2	2	383
S193999		10	<1	1.94	60	0.94	1070	1	0.04	3	3200	27	0.01	<2	2	280
S194000		<10	<1	0.35	50	0.25	170	<1	0.04	2	310	9	<0.01	<2	2	11
S194201		10	1	1.94	70	0.92	1040	1	0.04	3	3070	21	0.03	<2	3	304
S194202		10	1	1.63	70	0.89	1015	1	0.03	3	3040	44	0.02	<2	3	335
S194203		10	<1	1.92	70	0.89	1010	1	0.04	3	3000	19	0.06	<2	3	301

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S193964		<20	0.08	<10	<10	41	<10	53
S193965		<20	0.17	<10	<10	96	<10	74
S193966		<20	0.07	<10	<10	33	<10	50
S193967		<20	0.05	<10	<10	49	<10	72
S193968		<20	0.06	<10	<10	49	<10	68
S193969		<20	0.05	<10	<10	51	<10	70
S193970		<20	0.05	<10	<10	48	<10	93
S193971		<20	0.05	<10	<10	20	<10	39
S193972		<20	0.07	<10	<10	52	<10	58
S193973		<20	0.07	<10	<10	58	<10	70
S193974		<20	0.04	<10	<10	22	<10	53
S193975		<20	0.08	<10	<10	51	<10	54
S193976		<20	0.08	<10	<10	64	<10	79
S193977		<20	0.10	<10	<10	58	<10	63
S193978		<20	0.12	<10	<10	81	<10	59
S193979		<20	0.06	<10	<10	61	<10	81
S193980		<20	0.13	<10	<10	86	<10	68
S193981		<20	0.06	<10	<10	49	<10	78
S193982		<20	0.06	<10	<10	49	<10	82
S193983		<20	0.10	<10	<10	55	<10	73
S193984		<20	0.14	<10	<10	66	<10	62
S193985		<20	0.14	<10	<10	45	<10	87
S193986		<20	0.26	<10	<10	72	<10	85
S193987		<20	0.10	<10	<10	26	<10	52
S193988		<20	0.07	<10	<10	35	<10	62
S193989		<20	0.17	<10	<10	81	<10	74
S193990		<20	0.15	<10	<10	81	<10	73
S193991		20	0.31	<10	<10	32	<10	98
S193992		20	0.33	<10	<10	29	<10	101
S193993		20	0.29	<10	<10	27	<10	103
S193994		20	0.26	<10	<10	26	<10	100
S193995		20	0.25	<10	<10	26	<10	90
S193996		20	0.23	<10	<10	23	<10	94
S193997		20	0.26	<10	<10	26	<10	96
S193998		<20	0.23	<10	<10	23	<10	87
S193999		20	0.24	<10	<10	25	<10	97
S194000		30	0.07	<10	<10	16	<10	36
S194201		20	0.25	<10	<10	26	<10	99
S194202		20	0.21	<10	<10	24	<10	94
S194203		20	0.25	<10	<10	25	<10	96

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194204		2.72	<0.005	<0.2	2.65	6	<10	180	1.2	<2	1.50	<0.5	14	1	62	5.20
S194205		2.58	<0.005	<0.2	2.86	6	<10	220	1.3	<2	1.47	<0.5	15	5	77	5.59
S194206		3.51	<0.005	<0.2	2.69	6	<10	190	1.2	<2	1.59	<0.5	14	2	64	5.29
S194207		2.23	<0.005	<0.2	2.56	10	<10	190	1.1	<2	2.00	<0.5	13	2	56	5.21
S194208		1.95	<0.005	<0.2	2.44	10	<10	190	1.1	<2	1.78	<0.5	13	2	50	4.76
S194209		2.67	<0.005	<0.2	2.62	9	<10	160	1.1	<2	2.28	<0.5	13	7	56	5.76
S194210		0.97	<0.005	<0.2	2.60	9	<10	170	1.1	<2	2.67	<0.5	14	7	87	5.76
S194211		2.00	<0.005	<0.2	2.58	9	<10	200	1.1	<2	1.96	<0.5	14	5	65	5.64
S194212		1.31	<0.005	<0.2	2.31	7	<10	200	1.0	<2	2.52	<0.5	14	1	67	5.35
S194213		1.50	<0.005	<0.2	2.27	7	<10	160	1.0	<2	2.75	0.6	13	1	38	5.37
S194214		1.08	<0.005	<0.2	2.22	5	<10	170	0.9	<2	2.85	<0.5	13	1	47	5.15
S194215		1.53	<0.005	<0.2	2.28	8	<10	180	1.0	<2	2.25	<0.5	13	1	60	5.17
S194216		2.42	<0.005	<0.2	2.22	11	<10	200	0.9	<2	2.43	<0.5	13	1	61	5.32
S194217		2.86	<0.005	<0.2	2.28	9	<10	190	0.9	<2	2.97	<0.5	13	1	63	5.32
S194218		2.58	<0.005	<0.2	2.06	3	<10	170	0.9	<2	2.10	<0.5	12	1	62	5.21
S194219		2.22	<0.005	<0.2	2.23	3	<10	170	1.0	<2	2.16	<0.5	14	1	66	5.65
S194220		0.04	2.01	1.0	2.40	5	<10	140	<0.5	<2	1.55	<0.5	13	75	118	3.42
S194221		2.72	<0.005	<0.2	2.61	2	<10	190	1.1	3	2.56	<0.5	13	1	50	5.89
S194222		2.35	<0.005	<0.2	2.18	107	<10	210	0.8	<2	2.25	<0.5	13	1	58	5.34
S194223		1.30	<0.005	<0.2	2.20	1465	<10	200	0.8	<2	1.65	<0.5	13	2	60	6.66
S194224		3.62	<0.005	<0.2	2.11	434	<10	130	0.6	<2	1.30	<0.5	12	31	46	9.65
S194225		2.39	<0.005	<0.2	3.24	16	<10	300	<0.5	<2	1.08	<0.5	21	92	61	7.37
S194226		2.57	<0.005	<0.2	1.70	28	<10	130	0.5	<2	0.99	<0.5	13	53	52	4.35
S194227		3.36	<0.005	<0.2	2.94	22	<10	40	<0.5	<2	1.50	<0.5	24	60	75	6.51
S194228		1.82	<0.005	<0.2	3.87	37	<10	130	<0.5	2	1.42	<0.5	28	120	119	8.50
S194229		1.12	<0.005	<0.2	3.35	17	<10	130	<0.5	<2	0.82	<0.5	21	84	71	7.57
S194230		1.32	<0.005	<0.2	3.38	22	<10	150	<0.5	<2	0.73	<0.5	22	85	68	7.55
S194231		3.39	<0.005	<0.2	4.38	17	<10	130	<0.5	<2	0.89	<0.5	22	102	66	10.20
S194232		2.64	0.005	<0.2	4.25	27	<10	200	<0.5	<2	0.64	<0.5	19	80	30	9.37
S194233		3.56	<0.005	<0.2	3.33	29	<10	190	<0.5	<2	0.94	<0.5	20	70	70	6.77
S194234		2.88	<0.005	<0.2	3.31	16	<10	80	<0.5	<2	0.80	<0.5	20	66	43	7.22
S194235		4.28	<0.005	<0.2	2.69	15	<10	70	<0.5	<2	1.42	<0.5	17	42	71	5.50
S194236		4.54	<0.005	<0.2	1.69	15	<10	60	<0.5	<2	1.83	<0.5	13	30	26	3.39
S194237		1.79	<0.005	<0.2	2.97	20	<10	60	<0.5	<2	0.77	<0.5	18	58	25	6.13
S194238		4.22	<0.005	<0.2	2.55	83	<10	60	<0.5	<2	1.77	<0.5	15	38	48	5.77
S194239		4.11	<0.005	<0.2	3.63	15	<10	90	<0.5	<2	1.04	<0.5	19	69	53	7.60
S194240		2.53	<0.005	<0.2	0.47	<2	<10	40	<0.5	<2	0.20	<0.5	2	8	4	1.26
S194241		3.42	<0.005	<0.2	2.29	4	<10	60	<0.5	<2	1.11	<0.5	9	17	19	4.62
S194242		3.87	<0.005	<0.2	1.99	265	<10	70	<0.5	<2	2.00	<0.5	12	24	48	4.43
S194243		2.80	<0.005	<0.2	2.13	13	<10	80	<0.5	<2	1.21	<0.5	11	28	16	4.02

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194204		10	1	1.94	70	0.92	1055	1	0.04	2	3100	35	0.02	<2	2	307
S194205		10	<1	2.12	70	0.99	1090	<1	0.04	5	2990	29	<0.01	<2	3	324
S194206		10	<1	2.02	70	0.94	1090	<1	0.04	4	3060	28	<0.01	<2	3	235
S194207		10	<1	1.96	80	0.85	1025	2	0.04	3	2890	79	0.01	<2	3	273
S194208		10	<1	1.82	70	0.82	945	2	0.04	3	2750	28	0.01	<2	3	314
S194209		10	<1	1.91	80	0.91	1085	8	0.03	7	2840	41	0.09	<2	4	290
S194210		10	<1	1.96	80	0.89	1070	9	0.03	7	2800	62	0.13	<2	4	289
S194211		10	<1	2.03	80	0.89	1035	2	0.04	5	2860	27	0.15	<2	4	261
S194212		10	<1	1.79	80	0.79	1080	1	0.04	3	3000	25	0.37	<2	3	251
S194213		10	<1	1.46	80	0.78	1170	2	0.04	3	2870	46	0.25	<2	3	214
S194214		10	<1	1.65	80	0.75	1100	3	0.04	2	2810	26	0.24	2	3	210
S194215		10	<1	1.75	80	0.76	1040	1	0.04	3	2840	25	0.24	<2	3	263
S194216		10	<1	1.78	80	0.71	1085	19	0.04	2	2750	32	0.74	<2	3	241
S194217		10	<1	1.73	80	0.72	1140	6	0.04	3	2810	31	0.59	<2	4	274
S194218		10	<1	1.51	80	0.74	1135	3	0.04	3	2780	35	0.69	2	3	149
S194219		10	<1	1.57	80	0.84	1170	3	0.04	3	2930	32	0.70	<2	3	139
S194220		10	<1	0.24	10	1.22	474	5	0.28	91	450	25	0.03	3	3	86
S194221		10	1	1.93	80	1.17	1285	49	0.03	2	2870	32	0.39	<2	3	118
S194222		10	<1	1.57	80	0.91	1115	54	0.03	3	2830	29	0.56	<2	3	100
S194223		10	<1	1.73	70	0.96	976	381	0.05	4	2610	23	1.41	<2	3	71
S194224		10	1	1.83	30	1.05	644	6	0.05	21	570	5	2.42	<2	6	32
S194225		10	<1	1.74	20	1.68	831	1	0.04	62	610	7	0.40	<2	11	47
S194226		10	<1	0.73	30	0.93	424	2	0.05	38	540	13	0.37	<2	7	30
S194227		10	<1	0.35	30	1.51	830	1	0.02	70	600	12	0.33	<2	9	49
S194228		10	<1	1.85	20	2.16	888	2	0.03	87	590	11	0.67	<2	16	58
S194229		10	1	1.47	30	1.61	588	4	0.03	64	630	12	0.33	<2	11	49
S194230		10	1	1.74	20	1.65	595	2	0.03	61	630	8	0.45	<2	11	52
S194231		10	<1	1.33	20	1.84	472	1	0.02	64	700	3	0.24	<2	13	63
S194232		10	<1	1.89	20	1.57	474	1	0.03	56	590	4	0.19	<2	10	68
S194233		10	<1	2.19	20	1.51	503	2	0.03	57	580	12	0.18	<2	11	66
S194234		10	<1	0.66	20	1.70	782	1	0.02	59	630	13	0.26	<2	10	68
S194235		10	<1	0.61	30	1.41	703	2	0.03	46	700	20	0.25	2	8	99
S194236		10	<1	0.37	30	0.88	480	1	0.03	34	630	10	0.13	<2	6	78
S194237		10	<1	0.31	30	1.52	842	2	0.02	64	670	8	0.22	<2	7	57
S194238		10	<1	0.31	30	1.28	769	3	0.02	42	680	14	0.43	<2	6	71
S194239		10	<1	0.93	20	1.71	710	1	0.03	61	650	15	0.19	<2	9	112
S194240		<10	<1	0.32	50	0.23	159	<1	0.04	3	320	9	<0.01	<2	2	11
S194241		10	<1	0.41	30	1.04	511	2	0.03	21	730	15	0.14	<2	4	120
S194242		10	<1	0.62	40	0.96	631	5	0.03	27	630	26	0.44	<2	4	84
S194243		10	<1	0.78	30	0.99	452	1	0.03	32	720	13	0.04	<2	5	118

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1510-250 HOWE STREET
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Finalized Date: 21-APR-2017
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Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194204		20	0.25	<10	<10	25	<10	97
S194205		20	0.28	<10	<10	29	<10	101
S194206		20	0.28	<10	<10	27	<10	98
S194207		20	0.26	<10	<10	27	<10	93
S194208		20	0.24	<10	<10	26	<10	87
S194209		20	0.28	<10	<10	30	<10	99
S194210		20	0.29	<10	<10	30	<10	98
S194211		20	0.28	<10	<10	32	<10	92
S194212		20	0.28	<10	<10	24	<10	104
S194213		20	0.26	<10	<10	23	<10	117
S194214		20	0.26	<10	<10	24	<10	96
S194215		20	0.27	<10	<10	24	<10	97
S194216		20	0.28	<10	<10	22	<10	111
S194217		20	0.28	<10	<10	24	<10	101
S194218		20	0.27	<10	<10	22	<10	107
S194219		20	0.27	<10	<10	23	<10	107
S194220		<20	0.12	<10	<10	83	<10	64
S194221		20	0.28	<10	<10	25	<10	116
S194222		20	0.23	<10	<10	23	<10	103
S194223		20	0.24	<10	<10	28	10	105
S194224		<20	0.17	<10	<10	48	<10	71
S194225		<20	0.20	<10	<10	102	<10	68
S194226		<20	0.14	<10	<10	60	<10	49
S194227		<20	0.11	<10	<10	49	<10	83
S194228		<20	0.22	10	<10	115	<10	65
S194229		<20	0.21	<10	<10	94	<10	43
S194230		<20	0.21	<10	<10	92	<10	41
S194231		<20	0.19	<10	<10	108	<10	26
S194232		<20	0.24	<10	<10	84	<10	35
S194233		<20	0.24	<10	<10	76	<10	82
S194234		<20	0.15	<10	<10	68	<10	70
S194235		<20	0.13	<10	<10	42	<10	64
S194236		<20	0.11	<10	<10	31	<10	60
S194237		<20	0.11	<10	<10	38	<10	88
S194238		<20	0.10	<10	<10	33	<10	71
S194239		<20	0.17	<10	<10	62	<10	72
S194240		30	0.06	<10	<10	15	<10	32
S194241		<20	0.09	<10	<10	20	<10	49
S194242		<20	0.11	<10	<10	25	<10	61
S194243		<20	0.12	<10	<10	27	<10	52

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Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S194244		2.04	<0.005	<0.2	2.43	12	<10	60	<0.5	<2	2.10	<0.5	13	34	24	5.46
S194245		2.68	<0.005	0.3	2.37	80	<10	30	<0.5	<2	2.64	<0.5	13	24	60	6.31
S194246		1.90	<0.005	<0.2	1.69	39	<10	70	<0.5	<2	0.76	<0.5	11	25	18	3.72
S194451		2.94	<0.005	<0.2	1.38	35	<10	140	<0.5	<2	1.73	<0.5	15	21	36	3.89
S194452		2.00	<0.005	<0.2	3.23	21	<10	80	<0.5	<2	1.17	<0.5	18	50	48	8.51
S194453		1.95	<0.005	<0.2	1.88	34	<10	90	<0.5	<2	1.48	<0.5	17	37	45	5.88
S194454		3.31	<0.005	<0.2	4.36	17	<10	30	<0.5	<2	4.57	<0.5	41	168	89	7.72
S194455		3.64	<0.005	<0.2	4.12	9	<10	<10	<0.5	<2	4.35	<0.5	43	185	131	6.63
S194456		3.05	<0.005	<0.2	3.88	24	<10	<10	<0.5	<2	4.59	<0.5	45	177	129	6.61
S194457		3.04	<0.005	<0.2	1.23	2	<10	30	<0.5	<2	2.41	<0.5	6	4	17	2.15
S194458		3.22	<0.005	<0.2	0.99	9	<10	50	<0.5	<2	1.86	<0.5	7	7	16	2.06
S194459		2.47	<0.005	0.4	0.46	44	<10	20	<0.5	<2	0.31	<0.5	5	2	43	0.65
S194460		2.13	<0.005	0.3	0.45	109	<10	20	<0.5	<2	0.37	<0.5	8	2	42	0.76
S194461		3.20	<0.005	<0.2	0.26	7	<10	30	<0.5	<2	1.79	<0.5	4	2	11	1.56

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194244		10	<1	0.73	30	1.00	629	1	0.02	37	700	7	0.08	<2	5	99
S194245		10	<1	0.26	30	1.10	752	3	0.02	26	700	131	0.76	<2	4	73
S194246		10	<1	0.44	40	0.85	473	2	0.03	32	650	13	0.32	2	4	32
S194451		10	<1	0.69	30	0.97	564	1	0.03	33	670	7	0.01	2	2	125
S194452		10	<1	0.37	20	1.50	653	1	0.02	50	760	12	0.05	<2	5	75
S194453		10	<1	0.35	20	1.13	568	1	0.03	48	730	30	0.66	<2	3	98
S194454		10	<1	0.02	<10	2.29	1615	<1	0.02	121	250	<2	0.09	2	21	22
S194455		10	<1	<0.01	<10	2.27	1445	<1	0.06	122	230	<2	0.19	2	9	21
S194456		10	<1	<0.01	<10	2.12	1585	<1	0.03	127	220	3	0.15	3	15	25
S194457		<10	<1	0.12	20	0.58	308	<1	0.02	7	430	12	0.12	2	1	55
S194458		<10	<1	0.08	20	0.37	365	<1	0.04	8	400	9	0.03	2	1	63
S194459		<10	<1	0.17	20	0.08	49	<1	0.01	10	620	40	0.06	3	<1	12
S194460		<10	<1	0.14	20	0.10	58	<1	0.01	13	660	35	0.11	6	<1	13
S194461		<10	<1	0.10	20	0.32	340	<1	0.05	4	490	7	0.01	<2	1	60

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194244		<20	0.14	<10	<10	35	<10	55
S194245		<20	0.08	<10	<10	27	<10	87
S194246		<20	0.10	<10	<10	24	<10	49
S194451		<20	0.10	<10	<10	24	<10	35
S194452		<20	0.06	<10	<10	50	<10	65
S194453		<20	0.04	<10	<10	30	<10	52
S194454		<20	0.02	<10	<10	159	<10	86
S194455		<20	0.13	<10	<10	164	<10	78
S194456		<20	0.02	<10	<10	151	<10	78
S194457		<20	<0.01	<10	<10	5	<10	65
S194458		<20	0.01	<10	<10	10	<10	66
S194459		<20	0.01	<10	<10	2	<10	217
S194460		<20	<0.01	<10	<10	2	<10	263
S194461		<20	0.01	<10	<10	2	<10	56

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1510-250 HOWE STREET
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Finalized Date: 21-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17064117

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	
Au-AA23	ME-ICP41

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

CERTIFICATE TB17065015

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 106 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 6-APR-2017.

The following have access to data associated with this certificate:

JIM DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194247		3.69	0.006	<0.2	1.45	4	<10	80	<0.5	<2	1.66	<0.5	12	39	33	2.60
S194248		3.75	0.009	<0.2	1.41	8	<10	80	<0.5	<2	1.82	<0.5	12	26	31	4.27
S194249		3.96	<0.005	<0.2	1.55	7	<10	70	<0.5	<2	1.75	<0.5	14	30	35	3.51
S194250		1.50	0.005	<0.2	1.59	8	<10	70	<0.5	<2	1.85	<0.5	14	29	37	3.44
S194251		3.70	<0.005	<0.2	1.78	6	<10	60	<0.5	<2	2.01	<0.5	16	30	38	3.73
S194252		3.68	0.006	<0.2	1.81	7	<10	60	<0.5	<2	1.85	<0.5	14	29	46	4.25
S194253		4.10	0.005	<0.2	1.79	6	<10	60	<0.5	<2	1.84	<0.5	17	38	42	7.08
S194254		3.70	0.006	<0.2	1.70	5	<10	60	<0.5	<2	1.77	<0.5	15	31	35	4.23
S194255		3.89	0.006	<0.2	1.68	6	<10	60	<0.5	<2	1.86	<0.5	14	30	38	3.99
S194256		3.13	0.006	<0.2	2.11	6	<10	50	<0.5	<2	1.86	<0.5	17	41	47	8.92
S194257		3.16	0.006	<0.2	2.11	6	<10	60	<0.5	<2	1.71	<0.5	19	42	41	6.12
S194258		4.00	0.006	<0.2	1.49	6	<10	50	<0.5	2	2.09	<0.5	14	28	41	3.09
S194259		4.14	0.006	<0.2	2.11	7	<10	70	<0.5	2	1.70	<0.5	19	37	49	4.67
S194260		0.04	1.990	1.3	2.65	4	<10	150	<0.5	<2	1.69	<0.5	15	80	125	3.63
S194261		3.02	0.007	<0.2	1.76	3	<10	70	<0.5	<2	2.30	<0.5	15	57	41	4.55
S194262		2.24	0.009	<0.2	1.86	5	<10	50	<0.5	5	1.97	<0.5	12	37	36	20.7
S194263		3.54	0.005	<0.2	1.59	5	<10	70	<0.5	2	1.55	<0.5	14	30	36	4.83
S194264		3.41	0.008	<0.2	2.15	6	<10	90	<0.5	<2	1.67	<0.5	21	43	58	6.36
S194265		2.51	0.006	<0.2	2.94	6	<10	50	<0.5	4	3.61	<0.5	22	189	51	9.82
S194266		2.52	<0.005	<0.2	2.18	7	<10	60	<0.5	<2	1.52	<0.5	20	43	55	7.93
S194267		3.04	<0.005	<0.2	1.74	5	<10	50	<0.5	3	2.47	<0.5	12	37	38	13.25
S194268		2.74	0.005	<0.2	1.87	6	<10	60	<0.5	2	1.46	<0.5	18	38	48	6.31
S194269		2.05	0.005	<0.2	1.14	4	<10	60	<0.5	3	1.82	<0.5	9	33	31	19.15
S194270		1.95	<0.005	<0.2	0.94	4	<10	60	<0.5	5	1.75	<0.5	8	27	22	21.0
S194271		2.26	<0.005	<0.2	0.57	5	<10	90	<0.5	2	1.85	<0.5	11	24	37	10.65
S194272		2.75	0.006	<0.2	0.80	4	<10	120	<0.5	3	1.47	<0.5	8	29	26	14.15
S194273		2.88	<0.005	<0.2	0.52	8	<10	80	<0.5	2	1.90	<0.5	9	21	30	8.54
S194274		4.62	<0.005	<0.2	0.47	2	<10	100	<0.5	<2	1.85	<0.5	7	12	30	4.73
S194275		1.17	<0.005	<0.2	0.51	<2	<10	110	<0.5	<2	1.45	<0.5	6	13	24	2.00
S194276		2.14	<0.005	<0.2	2.32	2	<10	340	0.6	3	8.6	<0.5	36	520	62	5.03
S194277		2.82	<0.005	<0.2	1.20	2	<10	170	<0.5	<2	4.00	<0.5	16	173	37	3.65
S194278		4.02	0.005	<0.2	2.61	<2	<10	760	2.0	4	5.49	<0.5	30	350	129	11.75
S194279		4.10	0.009	<0.2	1.11	12	<10	170	0.9	4	3.70	<0.5	12	75	29	21.6
S194280		1.94	<0.005	<0.2	0.53	<2	<10	50	<0.5	<2	0.23	<0.5	2	12	5	1.41
S194281		3.81	<0.005	<0.2	1.40	4	<10	290	0.9	2	2.64	<0.5	13	110	31	11.55
S194282		2.49	0.033	<0.2	2.13	38	<10	140	0.7	2	7.6	<0.5	32	183	82	7.51
S194283		2.98	<0.005	<0.2	1.72	5	<10	80	<0.5	<2	1.68	<0.5	13	37	34	9.92
S194284		3.03	<0.005	<0.2	2.28	5	<10	130	0.6	3	2.45	<0.5	17	92	45	12.90
S194285		3.20	0.008	<0.2	1.58	7	<10	120	0.9	4	2.74	<0.5	12	79	37	18.10
S194286		4.39	0.005	<0.2	1.45	5	<10	140	0.8	2	1.61	<0.5	9	35	26	16.70

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194247		10	<1	0.42	30	1.03	370	1	0.04	30	470	16	0.10	<2	2	137
S194248		<10	<1	0.43	20	0.79	454	1	0.03	27	460	10	0.41	<2	2	142
S194249		<10	<1	0.26	20	0.85	471	1	0.04	34	490	12	0.11	<2	2	130
S194250		10	<1	0.29	30	0.87	502	1	0.03	35	510	11	0.16	<2	2	138
S194251		10	<1	0.23	30	0.99	556	1	0.03	40	570	11	0.06	<2	2	139
S194252		10	1	0.21	30	1.03	484	<1	0.03	36	560	10	0.24	<2	2	131
S194253		10	<1	0.20	20	0.96	552	1	0.02	39	650	12	0.15	<2	3	142
S194254		10	1	0.19	30	0.95	451	1	0.03	36	560	10	0.11	<2	2	127
S194255		10	<1	0.19	30	0.96	497	1	0.03	35	600	11	0.12	<2	2	132
S194256		10	<1	0.18	20	1.14	648	1	0.02	43	700	7	0.15	3	2	139
S194257		10	<1	0.18	20	1.14	588	2	0.02	46	680	6	0.13	<2	2	127
S194258		10	<1	0.17	30	0.84	570	1	0.05	36	480	14	0.12	<2	2	159
S194259		10	<1	0.22	30	1.16	549	1	0.03	51	630	10	0.19	<2	2	131
S194260		10	<1	0.26	10	1.30	506	6	0.30	98	480	26	0.05	<2	3	95
S194261		10	<1	0.21	30	1.07	567	2	0.04	46	630	12	0.19	<2	3	185
S194262		10	<1	0.16	20	1.11	681	3	0.03	32	700	13	0.05	<2	3	176
S194263		10	<1	0.21	30	0.93	454	1	0.04	36	580	12	0.17	<2	2	133
S194264		10	<1	0.23	30	1.27	533	1	0.03	57	760	14	0.24	<2	2	136
S194265		10	<1	0.17	40	2.09	839	1	0.04	69	1060	17	0.16	<2	7	320
S194266		10	<1	0.26	30	1.23	558	1	0.02	56	700	11	0.13	<2	2	118
S194267		10	<1	0.16	20	1.04	706	2	0.03	34	680	10	0.13	<2	2	202
S194268		10	<1	0.21	20	1.13	503	1	0.03	50	680	9	0.17	<2	2	112
S194269		<10	<1	0.33	20	1.12	711	2	0.04	25	940	6	0.07	<2	3	156
S194270		<10	<1	0.24	10	0.86	550	1	0.04	21	900	7	0.09	<2	2	149
S194271		<10	<1	0.29	20	0.76	633	1	0.03	23	630	5	0.19	<2	1	165
S194272		<10	<1	0.60	20	0.86	506	1	0.04	23	700	7	0.07	<2	2	145
S194273		<10	1	0.39	20	0.64	541	1	0.03	21	620	6	0.12	<2	1	151
S194274		<10	<1	0.34	20	0.59	363	1	0.04	12	530	5	0.11	<2	1	157
S194275		<10	<1	0.36	20	0.57	268	<1	0.06	10	450	7	0.10	<2	1	121
S194276		10	1	2.13	20	6.40	1065	<1	0.01	166	1580	21	0.01	<2	12	919
S194277		<10	<1	0.98	20	2.49	566	1	0.04	60	790	19	0.21	<2	5	421
S194278		10	<1	2.26	30	4.96	937	1	0.03	173	1150	26	0.24	<2	16	1045
S194279		<10	1	0.61	10	2.08	730	1	0.04	67	1370	9	0.28	<2	5	533
S194280		<10	<1	0.37	60	0.26	187	<1	0.06	4	330	8	0.01	<2	3	14
S194281		10	<1	0.94	20	1.80	598	2	0.06	48	770	9	0.23	<2	7	307
S194282		10	<1	1.00	10	5.34	1010	<1	0.02	138	700	11	0.25	<2	10	771
S194283		10	<1	0.33	20	1.22	833	1	0.03	40	720	12	0.13	<2	2	147
S194284		10	<1	0.56	20	2.01	833	1	0.03	61	820	9	0.09	<2	5	248
S194285		10	<1	0.55	10	1.70	771	1	0.03	54	900	7	0.21	<2	5	258
S194286		10	<1	0.58	20	0.99	740	1	0.03	27	710	10	0.16	<2	4	123

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194247		<20	0.07	<10	<10	24	<10	52
S194248		<20	0.07	<10	<10	24	<10	53
S194249		<20	0.04	<10	<10	20	<10	58
S194250		<20	0.04	<10	<10	19	<10	58
S194251		<20	0.03	<10	<10	20	<10	64
S194252		<20	0.02	<10	<10	19	<10	61
S194253		<20	0.03	<10	<10	32	<10	61
S194254		<20	0.03	<10	<10	21	<10	62
S194255		<20	0.03	<10	<10	20	<10	62
S194256		<20	0.02	<10	<10	34	<10	64
S194257		<20	0.02	<10	<10	31	<10	68
S194258		<20	0.02	<10	<10	17	<10	59
S194259		<20	0.02	<10	<10	23	<10	71
S194260		<20	0.13	<10	<10	88	<10	70
S194261		<20	0.03	<10	<10	26	<10	59
S194262		<20	0.03	<10	<10	47	<10	42
S194263		<20	0.02	<10	<10	21	<10	57
S194264		<20	0.02	<10	<10	33	<10	72
S194265		<20	0.03	<10	<10	64	<10	74
S194266		<20	0.02	<10	<10	34	<10	69
S194267		<20	0.02	<10	<10	36	<10	52
S194268		<20	0.02	<10	<10	28	<10	64
S194269		<20	0.04	<10	<10	39	<10	36
S194270		<20	0.03	<10	<10	33	<10	33
S194271		<20	0.01	<10	<10	27	<10	23
S194272		<20	0.07	<10	<10	29	<10	32
S194273		<20	0.02	<10	<10	19	<10	17
S194274		<20	0.02	<10	<10	13	<10	15
S194275		<20	0.04	<10	<10	11	<10	25
S194276		<20	0.19	<10	<10	79	<10	67
S194277		<20	0.12	<10	<10	37	<10	52
S194278		<20	0.21	<10	<10	98	<10	82
S194279		<20	0.07	<10	<10	46	<10	36
S194280		30	0.08	<10	<10	18	<10	37
S194281		<20	0.13	<10	<10	59	<10	44
S194282		<20	0.11	<10	<10	66	<10	53
S194283		<20	0.04	<10	<10	33	<10	54
S194284		<20	0.07	<10	<10	56	<10	56
S194285		<20	0.07	<10	<10	50	<10	39
S194286		<20	0.08	<10	<10	40	<10	37

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194287		3.97	<0.005	<0.2	1.49	6	<10	110	0.7	6	1.80	<0.5	7	27	21	19.35
S194288		4.27	0.005	<0.2	1.15	3	<10	100	0.5	2	1.48	<0.5	5	14	18	14.95
S194289		4.76	0.005	<0.2	1.57	5	<10	130	0.6	6	2.02	<0.5	7	24	20	22.6
S194290		1.93	<0.005	<0.2	1.41	4	<10	120	0.6	5	2.16	<0.5	6	21	18	22.9
S194291		4.20	0.005	<0.2	1.61	4	<10	160	0.5	2	1.57	<0.5	6	22	18	13.70
S194292		2.88	<0.005	<0.2	1.96	8	<10	150	0.7	7	1.62	<0.5	8	35	26	24.8
S194293		2.46	<0.005	<0.2	1.43	11	<10	90	0.6	<2	2.06	<0.5	8	26	30	8.81
S194294		2.94	0.006	<0.2	1.91	7	<10	250	0.9	5	1.86	<0.5	5	26	15	23.9
S194295		2.74	0.023	<0.2	2.61	617	<10	270	0.8	6	2.15	<0.5	6	30	27	23.2
S194296		2.83	0.009	<0.2	1.94	39	<10	140	<0.5	3	1.99	<0.5	16	31	38	6.97
S194297		2.01	<0.005	<0.2	1.51	50	<10	130	<0.5	<2	1.52	<0.5	13	25	36	4.49
S194298		2.17	<0.005	<0.2	1.69	104	<10	230	0.5	<2	3.89	<0.5	23	153	33	5.11
S194299		2.71	0.006	<0.2	2.97	31	<10	200	0.5	2	2.47	<0.5	11	31	32	10.25
S194300		0.04	1.970	1.3	2.41	3	<10	140	<0.5	2	1.52	<0.5	13	74	116	3.38
S194301		2.75	<0.005	<0.2	1.23	19	<10	90	<0.5	<2	2.08	<0.5	8	11	22	4.48
S194302		2.63	<0.005	<0.2	2.81	23	<10	70	<0.5	2	1.92	<0.5	17	39	37	9.02
S194303		2.36	<0.005	<0.2	3.21	119	<10	60	<0.5	2	1.99	<0.5	18	46	34	10.75
S194304		2.12	0.012	0.2	2.94	41	<10	60	<0.5	4	1.22	<0.5	13	38	307	10.20
S194305		3.55	0.005	<0.2	1.82	55	<10	30	<0.5	2	1.52	<0.5	21	39	46	5.96
S194306		2.82	<0.005	<0.2	2.27	25	<10	10	<0.5	6	1.10	1.8	10	51	7	5.16
S194307		2.13	<0.005	<0.2	1.58	39	<10	20	<0.5	3	1.40	<0.5	9	31	1	3.43
S194308		2.12	<0.005	<0.2	3.46	182	<10	220	1.2	<2	7.4	<0.5	39	456	55	6.10
S194309		1.30	0.006	<0.2	1.23	73	<10	30	<0.5	4	1.95	<0.5	9	25	6	3.51
S194310		1.58	0.005	<0.2	1.25	38	<10	30	<0.5	6	1.74	<0.5	8	21	1	3.34
S194311		2.22	0.006	<0.2	1.78	256	<10	20	<0.5	3	1.46	<0.5	11	23	41	5.01
S194312		2.55	0.005	<0.2	1.53	135	<10	20	<0.5	<2	1.83	<0.5	8	17	13	4.35
S194313		2.65	<0.005	<0.2	1.45	90	<10	10	<0.5	<2	1.80	<0.5	10	18	82	4.68
S194314		3.00	0.034	<0.2	3.29	528	<10	10	<0.5	5	0.63	<0.5	18	61	56	11.85
S194315		2.88	<0.005	<0.2	1.47	45	<10	20	<0.5	2	2.42	<0.5	13	23	1	4.07
S194316		2.38	<0.005	<0.2	1.22	31	<10	20	<0.5	2	1.97	<0.5	11	14	1	3.57
S194317		2.56	0.008	0.3	3.47	128	<10	10	<0.5	4	0.92	1.4	17	60	100	12.00
S194318		2.98	0.012	<0.2	2.68	84	<10	20	<0.5	5	1.15	<0.5	8	25	109	12.95
S194319		1.90	0.007	<0.2	2.78	78	<10	40	<0.5	4	1.66	<0.5	16	41	153	11.00
S194320		1.75	<0.005	<0.2	0.50	<2	<10	40	<0.5	<2	0.20	<0.5	3	8	5	1.33
S194321		3.19	<0.005	<0.2	1.35	26	<10	70	<0.5	<2	2.14	<0.5	14	22	23	4.30
S194322		2.50	<0.005	<0.2	2.42	35	<10	120	<0.5	<2	1.47	<0.5	19	37	64	6.54
S194323		1.36	0.022	<0.2	1.11	10	<10	120	<0.5	7	1.54	<0.5	6	16	37	22.8
S194324		2.69	<0.005	<0.2	2.11	12	<10	130	0.5	<2	1.74	<0.5	10	24	26	8.80
S194325		3.36	<0.005	<0.2	3.17	18	<10	250	0.7	<2	0.88	<0.5	18	62	50	8.52
S194326		2.04	<0.005	<0.2	0.50	6	<10	70	<0.5	2	2.00	<0.5	3	9	7	18.50

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194287		10	<1	0.69	10	0.91	721	2	0.03	21	720	10	0.08	<2	3	170
S194288		<10	<1	0.77	20	0.63	485	2	0.02	12	590	15	0.07	<2	1	104
S194289		<10	<1	0.69	10	0.85	582	2	0.02	17	750	13	0.07	<2	2	180
S194290		10	<1	0.63	10	0.75	593	1	0.02	15	710	12	0.07	<2	2	191
S194291		10	<1	0.91	20	0.81	633	1	0.03	17	660	10	0.05	<2	2	150
S194292		10	<1	0.70	10	1.01	739	1	0.02	26	860	10	0.09	<2	3	171
S194293		<10	<1	0.63	20	0.77	493	1	0.04	23	540	9	0.08	<2	2	119
S194294		10	<1	0.72	10	0.92	557	2	0.02	19	810	18	0.06	<2	4	179
S194295		10	<1	0.99	10	0.91	602	2	0.01	19	750	10	0.69	<2	5	155
S194296		10	<1	0.59	10	1.01	580	1	0.03	37	480	6	0.20	<2	4	99
S194297		10	<1	0.56	20	0.89	477	1	0.04	33	470	10	0.04	<2	3	85
S194298		10	<1	0.80	20	2.58	676	1	0.04	91	630	27	0.11	<2	7	396
S194299		10	<1	0.78	10	1.12	626	1	0.03	30	620	14	0.21	<2	5	106
S194300		10	<1	0.24	10	1.19	461	6	0.27	91	450	23	0.04	<2	3	85
S194301		<10	<1	0.46	20	0.64	431	1	0.03	18	470	9	0.13	<2	1	79
S194302		10	<1	0.23	10	1.21	650	1	0.02	44	560	9	0.03	<2	5	84
S194303		10	<1	0.15	10	1.30	804	2	0.02	45	570	12	0.28	<2	6	81
S194304		10	<1	0.16	10	1.21	1180	1	0.02	44	550	67	1.37	<2	4	44
S194305		10	<1	0.15	10	1.22	1190	1	0.04	51	490	149	0.96	<2	3	53
S194306		10	<1	0.09	20	1.49	1040	1	0.04	43	800	108	0.16	<2	4	42
S194307		<10	<1	0.14	20	1.29	513	1	0.04	47	690	5	<0.01	<2	2	53
S194308		10	<1	0.80	10	7.48	968	<1	0.01	332	890	5	0.04	<2	16	801
S194309		<10	<1	0.14	20	1.14	318	1	0.03	34	610	3	0.02	<2	2	77
S194310		<10	<1	0.17	20	1.01	291	1	0.02	32	600	3	<0.01	<2	2	62
S194311		10	<1	0.11	20	1.05	499	1	0.04	30	500	7	0.26	<2	2	50
S194312		10	<1	0.12	20	0.91	534	2	0.04	20	510	3	0.23	<2	1	63
S194313		10	<1	0.12	20	0.91	471	1	0.04	20	550	6	0.71	<2	1	62
S194314		10	<1	0.05	20	1.45	537	1	0.04	46	650	6	2.42	<2	7	24
S194315		<10	<1	0.16	30	1.04	376	2	0.03	36	570	3	0.01	<2	1	66
S194316		<10	<1	0.18	20	0.81	542	1	0.03	28	490	51	0.03	<2	1	49
S194317		10	<1	0.05	20	1.24	1215	1	0.03	46	640	299	2.42	<2	8	22
S194318		10	<1	0.09	10	1.01	1225	2	0.02	23	570	25	3.06	<2	3	46
S194319		10	<1	0.13	10	1.49	1165	1	0.02	50	940	12	2.22	<2	3	70
S194320		<10	<1	0.34	50	0.23	172	<1	0.05	4	300	8	0.02	<2	2	11
S194321		<10	<1	0.22	20	1.02	776	1	0.03	41	680	8	0.18	<2	1	108
S194322		10	<1	0.53	20	1.30	623	1	0.03	53	640	11	0.06	<2	3	111
S194323		<10	<1	0.44	10	0.74	416	2	0.01	17	630	6	0.42	<2	2	133
S194324		10	<1	0.45	10	1.09	441	1	0.03	25	610	8	0.08	<2	3	147
S194325		10	<1	0.80	30	1.29	343	1	0.05	52	700	16	0.01	<2	8	101
S194326		10	<1	0.19	10	0.41	259	3	0.04	8	1540	6	0.13	<2	1	194

***** See Appendix Page for comments regarding this certificate *****

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1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194287		<20	0.09	<10	<10	32	<10	34
S194288		<20	0.07	<10	<10	17	<10	32
S194289		<20	0.08	<10	<10	29	<10	29
S194290		<20	0.07	<10	<10	27	<10	27
S194291		<20	0.10	<10	<10	25	<10	38
S194292		<20	0.10	<10	<10	42	<10	36
S194293		<20	0.08	<10	<10	22	<10	32
S194294		<20	0.08	<10	<10	33	<10	32
S194295		<20	0.09	<10	<10	38	<10	28
S194296		<20	0.08	<10	<10	34	<10	45
S194297		<20	0.09	<10	<10	28	<10	53
S194298		<20	0.11	<10	<10	54	<10	64
S194299		<20	0.11	<10	<10	39	<10	65
S194300		<20	0.12	<10	<10	82	<10	65
S194301		<20	0.05	<10	<10	12	<10	37
S194302		<20	0.04	<10	<10	42	<10	64
S194303		<20	0.03	<10	<10	50	<10	68
S194304		<20	0.02	<10	<10	39	<10	127
S194305		<20	0.02	<10	<10	35	<10	197
S194306		<20	0.02	<10	<10	46	<10	596
S194307		<20	0.01	<10	<10	21	<10	39
S194308		<20	0.08	<10	<10	99	<10	65
S194309		<20	0.01	<10	<10	18	<10	12
S194310		<20	0.01	<10	<10	16	<10	9
S194311		<20	0.01	<10	<10	20	<10	105
S194312		<20	0.01	<10	<10	14	<10	46
S194313		<20	0.01	<10	<10	14	<10	38
S194314		<20	0.02	<10	<10	64	<10	37
S194315		<20	0.02	<10	<10	15	<10	24
S194316		<20	0.01	<10	<10	10	<10	88
S194317		<20	0.02	<10	<10	72	<10	457
S194318		<20	0.01	<10	<10	29	<10	273
S194319		<20	0.02	<10	<10	34	<10	89
S194320		30	0.07	<10	<10	16	<10	35
S194321		<20	0.02	<10	<10	14	<10	54
S194322		<20	0.07	<10	<10	34	<10	67
S194323		<20	0.06	<10	<10	21	<10	21
S194324		<20	0.07	<10	<10	26	<10	43
S194325		<20	0.14	<10	<10	71	<10	60
S194326		<20	0.03	<10	<10	16	<10	15

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194327		2.90	<0.005	<0.2	2.04	2	<10	190	0.5	<2	1.94	<0.5	7	21	13	12.35
S194328		3.10	<0.005	<0.2	0.97	5	<10	240	0.5	7	3.32	<0.5	3	12	25	26.8
S194329		1.76	0.099	<0.2	1.74	6	<10	280	0.5	5	3.02	<0.5	4	17	33	26.2
S194330		1.28	0.009	<0.2	1.45	4	<10	250	0.5	7	2.77	<0.5	3	13	21	26.6
S194331		3.14	0.010	<0.2	2.18	24	<10	170	<0.5	2	1.52	<0.5	21	41	26	5.99
S194332		2.93	<0.005	<0.2	2.77	21	<10	130	<0.5	3	1.46	<0.5	21	41	87	7.47
S194333		2.61	<0.005	<0.2	1.94	6	<10	230	0.7	7	1.90	<0.5	4	18	22	29.1
S194334		4.61	<0.005	<0.2	1.98	13	<10	130	0.5	4	2.15	<0.5	9	23	35	20.6
S194335		4.03	0.006	<0.2	1.78	11	<10	100	<0.5	5	1.73	<0.5	8	21	37	20.00
S194336		3.70	<0.005	<0.2	1.90	5	<10	60	<0.5	5	2.07	<0.5	4	17	18	22.3
S194337		2.83	<0.005	<0.2	1.87	8	<10	30	<0.5	4	2.02	<0.5	3	14	9	19.95
S194338		2.73	<0.005	<0.2	2.55	29	<10	40	<0.5	5	1.47	<0.5	11	26	44	16.35
S194339		3.09	0.089	<0.2	1.63	25	<10	90	<0.5	2	1.66	<0.5	17	31	43	4.50
S194340		0.04	2.07	1.0	2.44	5	<10	140	<0.5	<2	1.53	<0.5	14	75	118	3.42
S194341		2.42	<0.005	<0.2	1.51	15	<10	150	<0.5	<2	1.71	<0.5	15	31	40	4.20
S194342		2.68	<0.005	<0.2	2.11	6	<10	150	<0.5	<2	1.55	<0.5	10	33	29	5.96
S194343		3.23	<0.005	<0.2	1.63	3	<10	150	<0.5	<2	1.78	<0.5	6	17	16	4.57
S194344		2.99	<0.005	<0.2	2.49	4	<10	340	0.7	4	2.71	<0.5	9	35	27	19.70
S194345		3.07	<0.005	<0.2	2.47	12	<10	110	<0.5	<2	1.76	<0.5	17	32	44	6.65
S194346		3.20	<0.005	<0.2	1.75	19	<10	60	<0.5	<2	1.70	<0.5	17	27	45	4.41
S194347		2.63	<0.005	<0.2	1.80	13	<10	100	<0.5	2	1.79	<0.5	13	27	32	10.05
S194348		1.86	<0.005	<0.2	2.96	11	<10	130	<0.5	3	1.91	<0.5	13	36	42	10.45
S194349		2.24	<0.005	<0.2	3.15	13	<10	70	<0.5	4	2.00	<0.5	16	50	44	8.58
S194350		1.77	<0.005	<0.2	2.37	18	<10	80	<0.5	<2	1.61	<0.5	17	39	46	6.46
S194351		3.53	<0.005	<0.2	2.13	25	<10	70	<0.5	<2	2.15	<0.5	19	25	53	8.57
S194352		1.53	<0.005	<0.2	2.64	18	<10	50	<0.5	3	1.58	<0.5	14	24	38	12.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
S194327		10	<1	0.77	10	1.20	488	1	0.03	17	690	11	0.11	<2	3	212
S194328		<10	<1	0.56	<10	0.59	384	1	0.01	7	780	8	0.32	<2	2	411
S194329		10	<1	0.64	<10	0.76	535	1	0.01	11	540	8	0.37	<2	3	438
S194330		<10	<1	0.52	<10	0.67	488	1	0.01	10	530	11	0.23	<2	3	409
S194331		10	<1	0.77	20	1.14	616	1	0.02	53	510	3	<0.01	<2	4	156
S194332		10	<1	0.66	20	1.42	747	<1	0.02	53	580	11	0.01	<2	4	143
S194333		10	<1	0.58	10	0.75	495	2	0.01	12	640	6	0.24	<2	3	206
S194334		10	<1	0.46	10	0.82	555	2	0.01	24	590	10	0.29	<2	3	223
S194335		<10	<1	0.38	10	0.79	495	2	0.01	26	530	5	0.38	<2	2	155
S194336		10	1	0.20	10	0.69	341	2	0.01	11	630	12	0.14	<2	3	176
S194337		10	<1	0.11	10	0.68	316	1	0.01	9	630	7	0.09	<2	2	162
S194338		10	<1	0.29	10	1.02	568	3	0.01	28	540	8	0.45	<2	4	116
S194339		10	<1	0.43	30	1.03	566	1	0.04	44	600	10	0.11	<2	2	118
S194340		10	<1	0.24	10	1.20	470	5	0.28	92	460	24	0.04	<2	3	86
S194341		10	<1	0.71	30	0.99	570	1	0.04	40	650	14	0.07	<2	3	141
S194342		10	<1	0.71	20	0.94	387	1	0.05	25	610	8	0.18	<2	4	140
S194343		10	<1	0.81	20	0.82	350	1	0.05	15	450	28	0.05	<2	2	143
S194344		10	<1	1.34	20	0.87	599	2	0.03	25	640	14	0.14	<2	6	293
S194345		10	<1	0.63	20	1.05	534	1	0.03	40	560	10	0.11	<2	3	132
S194346		10	<1	0.37	20	0.96	609	1	0.03	43	530	14	0.08	<2	2	123
S194347		10	<1	0.49	20	0.90	524	2	0.04	32	710	12	0.08	<2	3	127
S194348		10	<1	0.64	30	1.14	585	1	0.03	38	750	15	0.23	<2	4	174
S194349		10	<1	0.39	20	1.36	665	1	0.03	49	730	7	0.10	<2	6	171
S194350		10	<1	0.44	20	1.28	652	1	0.03	48	790	5	0.06	<2	3	123
S194351		10	<1	0.41	10	1.10	684	1	0.02	42	580	8	0.45	<2	3	158
S194352		10	<1	0.26	20	1.14	546	1	0.01	35	600	14	0.10	<2	3	134

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194327		<20	0.09	<10	<10	25	<10	33
S194328		<20	0.04	<10	<10	15	<10	13
S194329		<20	0.06	<10	<10	26	<10	19
S194330		<20	0.05	<10	<10	21	<10	19
S194331		<20	0.11	<10	<10	39	<10	48
S194332		<20	0.10	<10	<10	46	<10	63
S194333		<20	0.07	<10	<10	26	<10	18
S194334		<20	0.07	<10	<10	27	<10	28
S194335		<20	0.05	<10	<10	24	<10	30
S194336		<20	0.04	<10	<10	22	<10	21
S194337		<20	0.02	<10	<10	18	<10	21
S194338		<20	0.05	<10	<10	33	<10	41
S194339		<20	0.05	<10	<10	25	<10	62
S194340		<20	0.12	<10	<10	83	<10	66
S194341		<20	0.10	<10	<10	27	<10	56
S194342		<20	0.11	<10	<10	37	<10	46
S194343		<20	0.10	<10	<10	20	<10	45
S194344		<20	0.13	<10	<10	47	<10	36
S194345		<20	0.09	<10	<10	34	<10	60
S194346		<20	0.04	<10	<10	23	<10	63
S194347		<20	0.07	<10	<10	28	<10	42
S194348		<20	0.10	<10	<10	40	<10	58
S194349		<20	0.07	<10	<10	54	<10	58
S194350		<20	0.06	<10	<10	37	<10	57
S194351		<20	0.04	<10	<10	26	<10	51
S194352		<20	0.03	<10	<10	27	<10	54

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065015

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	
Au-AA23	ME-ICP41

ALS Canada Ltd.

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

CERTIFICATE TB17065962

Project: Savant Lake

P.O. No.: NDR17-01

This report is for 64 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-APR-2017.

The following have access to data associated with this certificate:

JIM DAWSON	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

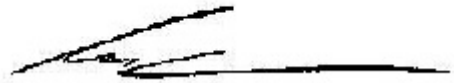
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY EXPLORATION CONSULTANTS LTD.**
ATTN: MURRAY JONES
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194001		3.49	<0.005	0.2	2.74	5	<10	50	0.7	4	2.55	<0.5	17	37	33	8.92
S194002		1.39	<0.005	<0.2	3.70	2	<10	40	0.7	2	1.58	<0.5	14	54	44	10.90
S194003		3.18	<0.005	<0.2	3.47	3	<10	40	0.7	3	1.78	<0.5	14	49	48	11.05
S194004		1.91	0.009	<0.2	3.60	4	<10	20	0.5	4	8.1	<0.5	34	561	43	5.80
S194005		2.55	0.005	<0.2	2.57	3	<10	40	<0.5	<2	1.72	<0.5	23	83	91	5.83
S194006		1.09	<0.005	<0.2	2.13	14	<10	20	<0.5	3	7.1	<0.5	36	336	9	5.16
S194007		3.59	<0.005	<0.2	1.68	9	<10	30	<0.5	2	5.29	<0.5	27	233	9	4.51
S194008		2.68	<0.005	<0.2	3.20	<2	<10	40	<0.5	2	1.12	<0.5	19	63	49	7.38
S194009		1.57	<0.005	<0.2	2.86	4	<10	60	<0.5	2	1.23	<0.5	16	54	43	9.60
S194010		1.23	<0.005	<0.2	2.78	4	<10	60	<0.5	3	1.20	<0.5	16	51	47	8.74
S194011		2.77	<0.005	<0.2	2.04	3	<10	50	<0.5	<2	1.15	<0.5	12	24	33	4.26
S194012		1.76	<0.005	<0.2	2.63	6	<10	50	<0.5	6	2.24	<0.5	11	32	44	13.60
S194013		2.90	<0.005	<0.2	2.29	5	<10	50	<0.5	<2	1.94	<0.5	12	27	38	7.56
S194014		1.96	0.014	<0.2	2.12	4	<10	50	<0.5	<2	1.57	<0.5	13	29	36	5.36
S194015		2.63	<0.005	<0.2	3.12	3	<10	50	<0.5	2	1.93	<0.5	17	53	49	8.62
S194016		2.54	<0.005	<0.2	2.86	4	<10	50	<0.5	2	0.79	<0.5	19	46	50	7.29
S194353		2.71	<0.005	<0.2	3.79	9	<10	40	<0.5	3	2.52	<0.5	26	88	75	13.95
S194354		2.79	0.005	<0.2	2.68	17	<10	50	<0.5	<2	2.70	<0.5	26	65	75	6.24
S194355		4.11	<0.005	<0.2	3.50	18	<10	40	<0.5	<2	2.82	<0.5	33	94	104	7.75
S194356		1.55	<0.005	<0.2	2.95	19	<10	40	<0.5	3	2.56	<0.5	30	87	98	6.53
S194357		2.44	<0.005	<0.2	2.40	3	<10	60	<0.5	4	1.71	<0.5	18	49	62	13.30
S194358		2.26	<0.005	<0.2	2.86	4	<10	60	<0.5	2	1.57	<0.5	15	47	63	14.05
S194359		2.76	<0.005	<0.2	2.75	3	<10	80	0.5	4	1.34	<0.5	14	54	53	14.50
S194360		1.88	<0.005	<0.2	0.49	<2	<10	40	<0.5	<2	0.20	<0.5	3	7	5	1.31
S194361		0.88	<0.005	<0.2	2.70	2	<10	240	1.4	3	4.14	<0.5	25	311	45	9.06
S194362		1.46	<0.005	<0.2	3.04	4	<10	310	1.1	2	1.10	<0.5	27	104	80	10.10
S194363		1.37	<0.005	<0.2	2.53	<2	<10	260	1.2	2	5.79	<0.5	29	493	33	6.31
S194364		1.36	<0.005	<0.2	3.68	4	<10	70	0.5	2	1.27	<0.5	25	65	72	10.55
S194365		2.53	<0.005	<0.2	2.86	3	<10	60	<0.5	2	1.48	<0.5	17	46	53	8.81
S194366		2.43	<0.005	<0.2	2.29	5	<10	70	<0.5	<2	1.36	<0.5	17	46	50	6.64
S194367		1.92	<0.005	<0.2	2.83	5	<10	70	<0.5	4	0.35	<0.5	19	47	94	8.99
S194368		1.75	<0.005	<0.2	2.44	3	<10	50	<0.5	3	0.42	<0.5	18	34	56	7.04
S194369		1.26	<0.005	<0.2	3.17	4	<10	70	0.6	2	0.36	<0.5	21	44	69	9.28
S194370		1.15	<0.005	<0.2	3.35	4	<10	80	0.5	<2	0.44	<0.5	26	54	58	9.51
S194371		3.63	<0.005	<0.2	2.96	4	<10	90	0.5	2	1.58	<0.5	15	57	42	14.85
S194372		2.77	<0.005	<0.2	2.53	3	<10	60	<0.5	2	1.19	<0.5	17	45	48	6.92
S194373		4.15	<0.005	<0.2	1.64	3	<10	30	<0.5	3	1.03	<0.5	14	32	72	4.90
S194374		1.47	<0.005	<0.2	2.14	2	<10	40	<0.5	<2	0.79	<0.5	16	45	56	6.00
S194375		1.94	<0.005	<0.2	3.05	2	<10	30	0.5	4	1.28	<0.5	18	64	24	9.06
S194376		2.90	0.005	<0.2	3.23	4	<10	100	1.0	3	2.15	<0.5	22	70	37	11.50

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194001		10	<1	0.18	20	1.11	742	1	0.02	35	740	5	0.53	<2	5	109
S194002		10	<1	0.20	20	1.41	660	1	0.02	36	650	4	0.19	<2	11	47
S194003		10	<1	0.24	20	1.30	662	2	0.01	44	590	7	0.31	<2	8	57
S194004		10	<1	0.09	30	4.40	1445	<1	0.02	227	1170	4	<0.01	<2	21	447
S194005		10	<1	0.12	20	1.60	590	1	0.03	66	640	18	0.38	<2	8	101
S194006		<10	<1	0.11	30	5.06	1320	<1	0.01	251	880	4	<0.01	<2	6	645
S194007		<10	<1	0.14	30	3.62	1065	<1	0.02	109	1100	7	<0.01	<2	5	510
S194008		10	<1	0.12	20	1.67	468	1	0.03	57	650	5	0.16	<2	6	57
S194009		10	<1	0.47	30	1.22	533	2	0.03	50	650	4	0.13	<2	5	84
S194010		10	<1	0.46	20	1.20	533	2	0.02	49	610	9	0.16	<2	5	79
S194011		10	<1	0.25	30	1.14	414	1	0.02	33	570	15	0.08	<2	2	68
S194012		10	<1	0.44	20	1.17	619	2	0.03	32	750	15	0.35	<2	4	148
S194013		10	<1	0.22	30	1.21	534	1	0.03	36	680	13	0.24	<2	2	115
S194014		10	<1	0.19	20	1.20	503	1	0.03	39	590	7	0.07	<2	2	85
S194015		10	<1	0.28	20	1.48	647	2	0.03	53	600	8	0.14	<2	6	111
S194016		10	<1	0.22	30	1.33	485	2	0.02	56	620	8	0.34	<2	4	57
S194353		10	<1	0.10	20	1.89	922	1	0.02	80	690	6	0.19	<2	10	164
S194354		10	<1	0.16	20	1.70	1005	1	0.02	78	550	12	0.11	<2	4	132
S194355		10	<1	0.15	20	2.13	1060	1	0.02	98	580	15	0.18	<2	6	167
S194356		10	<1	0.14	20	1.79	988	1	0.02	86	570	11	0.18	<2	5	145
S194357		10	<1	0.29	20	1.24	879	2	0.02	49	840	9	0.22	<2	4	150
S194358		10	<1	0.27	10	1.40	1230	1	0.01	44	750	10	0.76	<2	4	129
S194359		10	<1	0.56	10	1.36	796	1	0.02	45	700	7	0.34	<2	5	114
S194360		<10	<1	0.34	50	0.25	175	<1	0.05	4	290	8	0.02	<2	2	11
S194361		10	<1	1.36	30	3.70	1090	2	0.03	160	1330	13	0.30	<2	14	622
S194362		10	<1	1.35	20	1.93	692	2	0.04	84	660	10	0.38	<2	16	111
S194363		10	<1	1.58	40	4.87	1325	1	0.03	228	1710	17	0.01	<2	16	905
S194364		10	<1	0.46	20	1.70	692	1	0.01	74	750	13	0.42	<2	7	127
S194365		10	<1	0.35	20	1.35	706	2	0.02	55	640	13	0.30	<2	5	121
S194366		10	<1	0.40	20	1.22	990	3	0.02	53	670	20	0.20	<2	5	124
S194367		10	<1	0.45	20	1.07	1655	2	0.02	48	870	21	0.64	<2	6	27
S194368		10	<1	0.28	20	0.95	1020	3	0.02	41	530	14	0.46	<2	4	35
S194369		10	<1	0.35	20	1.24	1710	2	0.02	54	700	11	0.40	<2	5	26
S194370		10	<1	0.36	20	1.31	1260	2	0.02	61	750	11	0.48	<2	5	34
S194371		10	<1	0.41	20	1.31	843	3	0.02	50	720	6	0.21	<2	8	131
S194372		10	<1	0.29	20	1.25	692	2	0.02	49	570	10	0.20	<2	5	82
S194373		10	<1	0.13	20	0.92	725	3	0.03	34	410	14	0.19	<2	4	71
S194374		10	<1	0.14	30	1.07	631	4	0.03	42	470	5	0.17	<2	7	55
S194375		10	<1	0.12	20	1.39	776	2	0.02	54	570	4	0.19	<2	9	95
S194376		10	<1	0.18	20	1.34	960	1	0.02	51	600	5	0.41	<2	12	192

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194001		<20	0.03	<10	<10	42	<10	48
S194002		<20	0.06	<10	<10	74	<10	57
S194003		<20	0.05	<10	<10	59	<10	62
S194004		<20	0.01	<10	<10	138	<10	61
S194005		<20	0.02	<10	<10	73	<10	60
S194006		<20	0.01	<10	<10	42	<10	59
S194007		<20	0.01	<10	<10	41	<10	47
S194008		<20	0.03	<10	<10	56	<10	69
S194009		<20	0.09	<10	<10	52	<10	59
S194010		<20	0.08	<10	<10	48	<10	58
S194011		<20	0.03	<10	<10	20	<10	54
S194012		<20	0.09	<10	<10	42	<10	53
S194013		<20	0.02	<10	<10	26	<10	54
S194014		<20	0.03	<10	<10	25	<10	54
S194015		<20	0.06	<10	<10	54	<10	68
S194016		<20	0.03	<10	<10	36	<10	74
S194353		<20	0.02	<10	<10	82	<10	68
S194354		<20	0.02	<10	<10	41	<10	73
S194355		<20	0.03	<10	<10	65	<10	96
S194356		<20	0.02	<10	<10	54	<10	92
S194357		<20	0.04	<10	<10	54	<10	63
S194358		<20	0.04	<10	<10	44	<10	66
S194359		<20	0.10	<10	<10	55	<10	66
S194360		20	0.07	<10	<10	16	<10	35
S194361		<20	0.18	<10	<10	115	<10	76
S194362		<20	0.24	<10	<10	119	<10	78
S194363		<20	0.18	<10	<10	118	<10	69
S194364		<20	0.08	<10	<10	60	<10	88
S194365		<20	0.06	<10	<10	45	<10	71
S194366		<20	0.07	<10	<10	40	<10	68
S194367		<20	0.08	<10	<10	47	<10	110
S194368		<20	0.05	<10	<10	34	<10	77
S194369		<20	0.06	<10	<10	46	<10	82
S194370		<20	0.06	<10	<10	50	<10	87
S194371		<20	0.08	<10	<10	64	<10	69
S194372		<20	0.05	<10	<10	41	<10	74
S194373		<20	0.03	<10	<10	36	<10	66
S194374		<20	0.03	<10	<10	63	<10	77
S194375		<20	0.03	<10	<10	73	<10	80
S194376		<20	0.06	<10	<10	85	<10	74

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
S194377		2.72	<0.005	<0.2	1.38	5	<10	50	<0.5	<2	1.39	<0.5	10	22	38	3.69
S194378		2.71	<0.005	<0.2	2.50	3	<10	60	<0.5	2	1.50	<0.5	18	45	60	6.91
S194379		2.00	<0.005	<0.2	2.63	14	<10	80	0.5	3	2.55	<0.5	19	91	52	12.45
S194380		0.05	2.12	1.1	2.61	4	<10	140	<0.5	3	1.64	<0.5	13	77	120	3.53
S194381		3.21	<0.005	<0.2	3.18	6	<10	100	0.6	3	3.09	<0.5	19	55	52	8.46
S194382		4.43	<0.005	<0.2	3.92	5	<10	120	0.6	3	2.00	<0.5	16	55	43	11.90
S194383		2.80	<0.005	<0.2	4.09	7	<10	190	0.8	2	1.82	<0.5	20	75	72	11.25
S194384		4.21	<0.005	<0.2	2.40	56	<10	90	<0.5	<2	1.26	<0.5	17	42	54	6.92
S194385		3.56	<0.005	<0.2	3.80	324	<10	20	<0.5	3	0.62	<0.5	12	62	155	10.90
S194386		3.30	<0.005	<0.2	1.65	55	<10	30	<0.5	<2	3.05	<0.5	20	105	18	4.51
S194387		2.48	<0.005	<0.2	3.22	2	<10	60	0.5	<2	1.87	<0.5	18	62	37	9.94
S194388		3.27	<0.005	<0.2	2.21	21	<10	110	0.5	<2	4.61	0.9	26	235	92	6.17
S194389		1.22	<0.005	<0.2	2.24	3	<10	60	<0.5	<2	1.97	0.7	17	68	15	6.22
S194390		1.35	<0.005	<0.2	2.34	2	<10	90	<0.5	<2	1.70	<0.5	15	50	21	8.24
S194391		2.51	<0.005	<0.2	3.22	<2	<10	260	1.0	3	1.80	0.8	16	67	66	13.20
S194392		2.88	<0.005	<0.2	2.42	3	<10	270	0.7	<2	2.00	<0.5	15	68	14	7.70
S194393		2.70	<0.005	<0.2	3.03	3	<10	150	0.5	<2	1.65	<0.5	14	40	50	10.20
S194394		3.03	<0.005	<0.2	2.54	16	<10	140	<0.5	<2	1.81	0.5	13	43	30	7.74
S194395		1.75	<0.005	<0.2	2.99	13	<10	80	<0.5	<2	1.12	<0.5	17	47	72	8.97
S194396		2.36	<0.005	<0.2	2.84	13	<10	70	<0.5	<2	0.86	<0.5	15	38	84	8.97
S194397		2.56	<0.005	<0.2	2.83	11	<10	90	<0.5	<2	1.19	<0.5	16	37	34	8.55
S194398		2.78	<0.005	<0.2	2.27	6	<10	80	<0.5	<2	1.99	<0.5	13	29	27	6.73
S194399		3.73	<0.005	<0.2	1.74	7	<10	70	<0.5	<2	1.96	<0.5	14	19	34	4.52
S194400		2.35	<0.005	<0.2	0.46	<2	<10	40	<0.5	<2	0.19	<0.5	3	9	6	1.31

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S194377		<10	<1	0.21	20	0.85	551	3	0.02	28	550	11	0.13	<2	2	121
S194378		10	<1	0.30	20	1.14	838	3	0.02	54	560	22	0.33	<2	4	115
S194379		10	<1	0.61	20	1.88	980	2	0.03	71	730	11	0.23	<2	6	201
S194380		10	<1	0.25	10	1.24	489	5	0.30	94	470	23	0.04	<2	3	94
S194381		10	<1	0.54	20	1.40	847	1	0.03	51	650	9	0.31	<2	7	88
S194382		10	<1	0.49	10	1.44	964	1	0.02	44	760	59	1.20	<2	7	61
S194383		10	<1	0.95	20	1.56	1030	1	0.03	55	770	15	0.31	<2	13	43
S194384		10	1	0.27	20	1.18	597	2	0.02	40	580	10	0.33	<2	4	53
S194385		10	<1	0.04	10	1.46	263	2	0.01	44	710	20	1.46	<2	8	25
S194386		10	<1	0.37	30	2.16	664	2	0.02	51	850	5	0.01	<2	3	161
S194387		10	1	0.28	20	1.39	1010	1	0.02	46	650	4	0.06	<2	8	80
S194388		10	<1	0.79	30	3.43	1275	1	0.02	104	1000	61	0.19	<2	10	223
S194389		10	<1	0.24	20	1.37	974	2	0.02	47	490	63	0.41	<2	7	71
S194390		10	<1	0.37	20	1.27	870	2	0.03	40	440	21	0.42	<2	7	67
S194391		10	<1	1.38	10	1.30	1020	8	0.03	42	620	49	0.94	<2	12	77
S194392		10	<1	1.15	20	1.01	709	1	0.03	43	560	14	0.04	<2	10	81
S194393		10	<1	0.72	20	1.02	855	1	0.01	32	620	14	0.52	<2	6	69
S194394		10	<1	0.91	20	0.84	560	1	0.02	36	520	29	0.77	<2	6	69
S194395		10	<1	0.38	20	1.17	1090	1	0.01	41	500	18	0.66	<2	5	43
S194396		10	<1	0.38	20	1.06	889	1	0.01	37	460	26	1.39	<2	4	38
S194397		10	<1	0.48	20	1.00	779	2	0.01	35	430	18	0.61	<2	5	39
S194398		10	<1	0.43	30	0.91	812	1	0.02	22	910	20	0.22	<2	4	72
S194399		10	<1	0.38	30	0.77	641	1	0.02	20	820	15	0.18	<2	2	65
S194400		<10	1	0.33	50	0.23	160	<1	0.03	2	340	9	0.01	<2	2	9

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY EXPLORATION CONSULTANTS LTD.**
1510-250 HOWE STREET
VANCOUVER BC V6C 3R8

Finalized Date: 26-APR-2017
Account: EIA

Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
S194377		<20	0.02	<10	<10	16	<10	44
S194378		<20	0.05	<10	<10	36	<10	89
S194379		<20	0.10	<10	<10	52	<10	70
S194380		<20	0.13	<10	<10	86	<10	68
S194381		<20	0.10	<10	<10	63	<10	63
S194382		<20	0.10	<10	<10	66	<10	91
S194383		<20	0.18	<10	<10	96	<10	102
S194384		<20	0.05	<10	<10	38	<10	70
S194385		<20	0.02	<10	<10	66	<10	43
S194386		<20	0.04	<10	<10	33	<10	30
S194387		<20	0.06	<10	<10	68	<10	109
S194388		<20	0.10	<10	<10	85	<10	200
S194389		<20	0.05	<10	<10	55	<10	148
S194390		<20	0.07	<10	<10	60	<10	90
S194391		<20	0.21	<10	<10	94	<10	127
S194392		<20	0.19	<10	<10	77	<10	87
S194393		<20	0.14	<10	<10	44	<10	78
S194394		<20	0.16	<10	<10	48	<10	81
S194395		<20	0.08	<10	<10	48	<10	102
S194396		<20	0.07	<10	<10	39	<10	103
S194397		<20	0.09	<10	<10	40	<10	74
S194398		<20	0.09	<10	<10	34	<10	92
S194399		<20	0.07	<10	<10	26	<10	68
S194400		30	0.07	<10	<10	17	<10	35

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 26-APR-2017
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Project: Savant Lake

CERTIFICATE OF ANALYSIS TB17065962

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

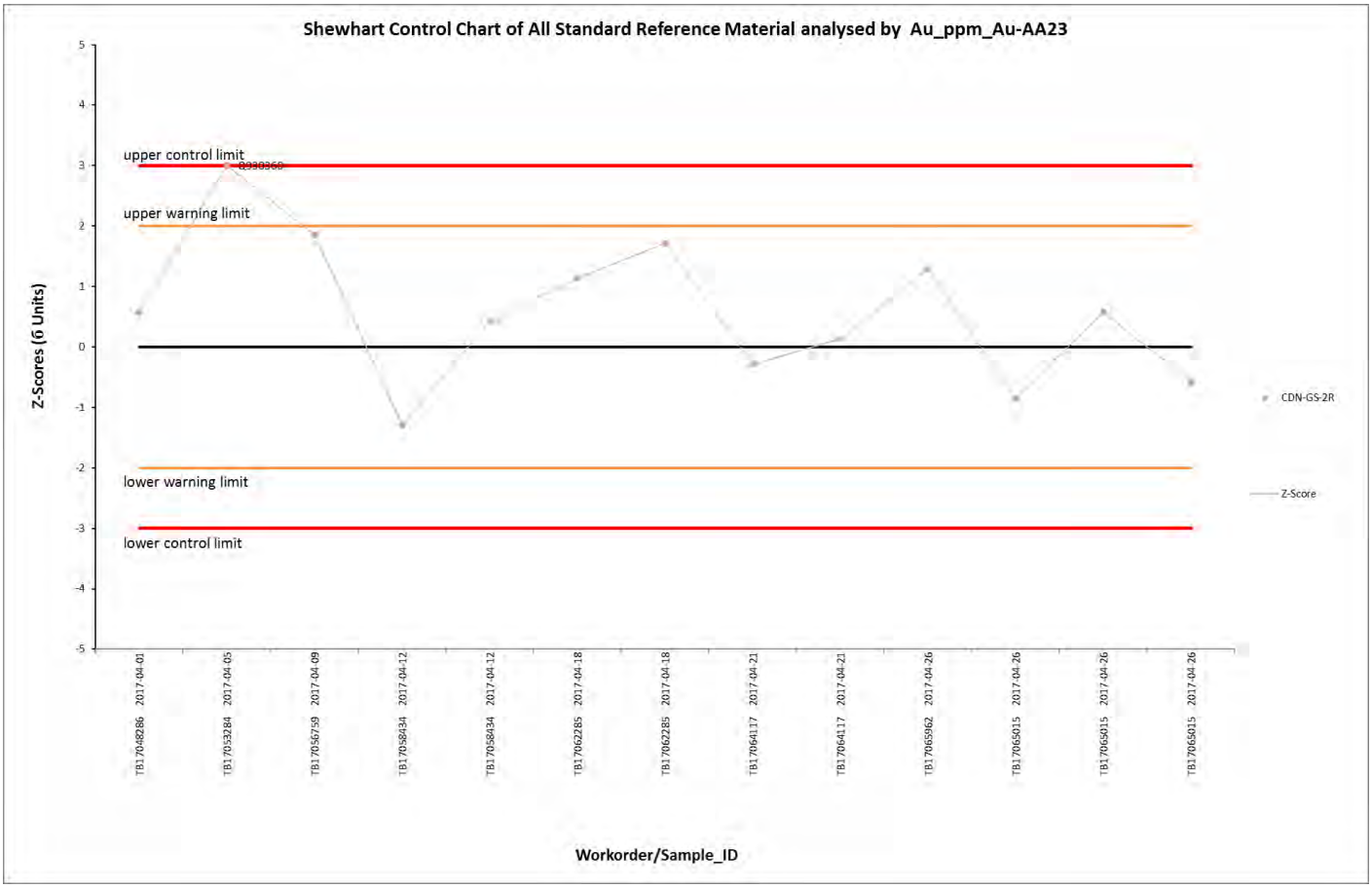
Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

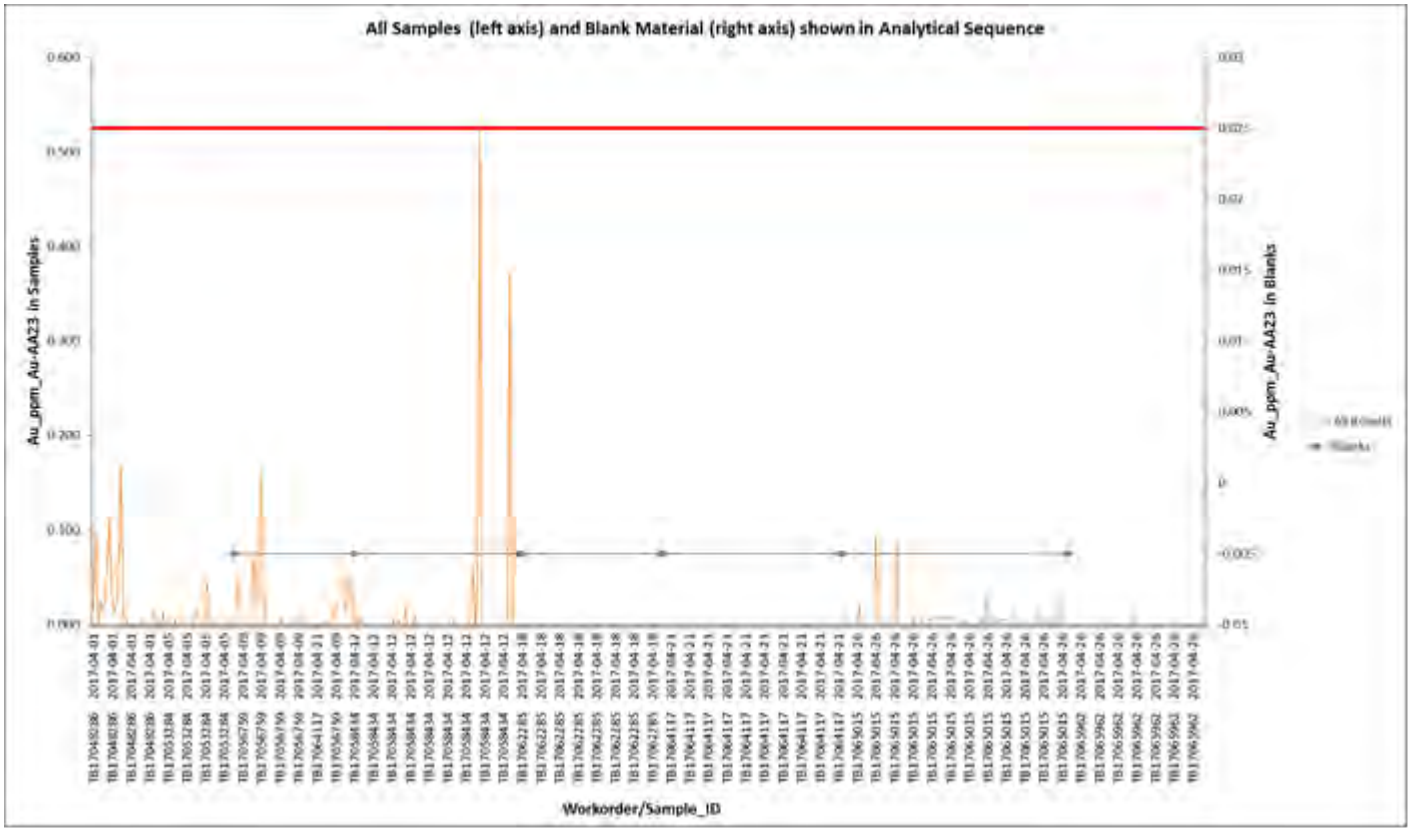
Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	
Au-AA23	ME-ICP41

Appendix D: Quality Assurance/Quality Control Charts



Shewart control chart for gold in CRM CDN-GS-2R the only CRM used for this program. The chart shows that all analyses are within the 2-SD warning limits, except for one that plots right on the limit. The results show a weakly positive bias of SGS assays relative to the certified mean.



Gold in blanks (blue lines and dots) as well as samples (yellow line). Detection limit (dl) is 0.005 ppm (5 ppb). There are no blank assays that exceed the >10*dl threshold (red horizontal line) used to indicate contamination.

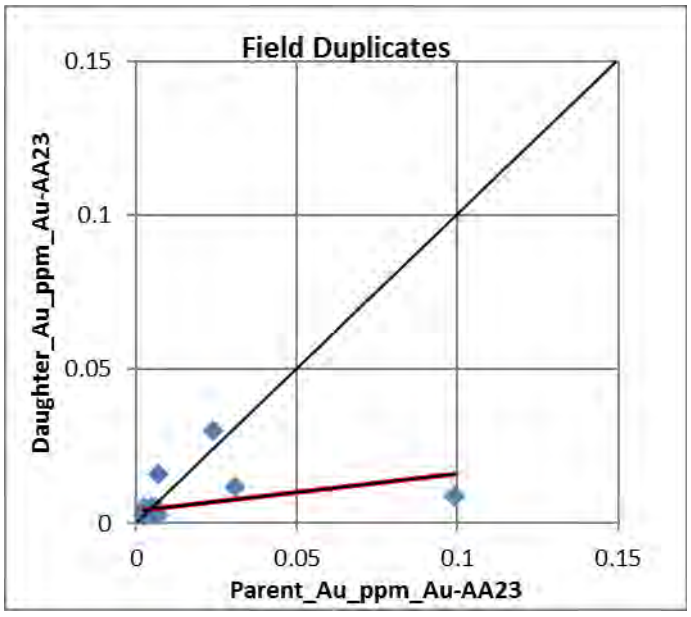


Chart showing Field Duplicate results for gold analyses. Most results cluster near the 1:1 correlation line, although a lot of results were lower than detection for gold. One sample shows an order of magnitude difference between parent and duplicate samples(0.099 vs 0.009 ppm). Looking at the core, there is no obvious explanation for this result. The variability apparent in the analytical results is at lest partly attributable to the imprecision of duplicate samples when hand splitting the core i.e. it is difficult to get even distribution of rock material and volumes. Overall, there is no reason to doubt the reliability of the overall results, particularly given the early stage of exploration on the property

Appendix E: Qualified Person's Certificate

QUALIFIED PERSON'S CERTIFICATE

I, Murray Jones, P.Geo., do hereby certify:

THAT I am a Professional Geologist with offices at 1510-250 Howe Street and residing at 8606 144A St, Surrey, British Columbia, Canada.

THAT I am the author of the Assessment Report entitled “2017 DIAMOND DRILLING REPORT ON THE SAVANT LAKE PROPERTY” and with an effective date of May 25, 2017, relating to the Savant Lake property

THAT I am a member in good standing (#20063) of the Association of Professional Engineers and Geoscientists of British Columbia and a Fellow of the Society of Economic Geologists.

THAT I graduated from the University of British Columbia with a Bachelor of Science (Honours) degree in geology in 1982, and a graduate of the University of Ottawa with a Master of Science degree in Geology in 1992, and I have practiced my profession continuously since 1982.

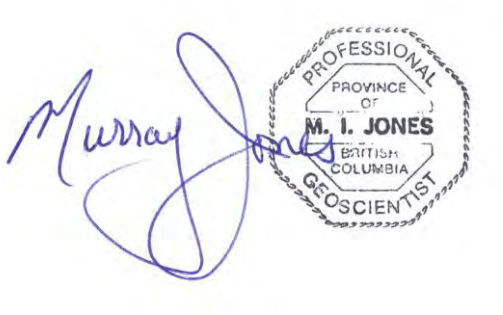
THAT since 1982, I have been involved in mineral exploration for gold, silver, copper, lead, zinc, cobalt, nickel and tin in Canada, Argentina, the United States and the Solomon Islands.

THAT I am a Consulting Geologist working for Equity Exploration Consultants Ltd., a geological consulting and contracting firm, and have been so since April 1997.

THAT I the 2017 winter drill program on the Savant Lake property in the field, between March 1st and April 7th, 2017.

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

Dated at Vancouver, British Columbia, with effective date of May 25, 2017:



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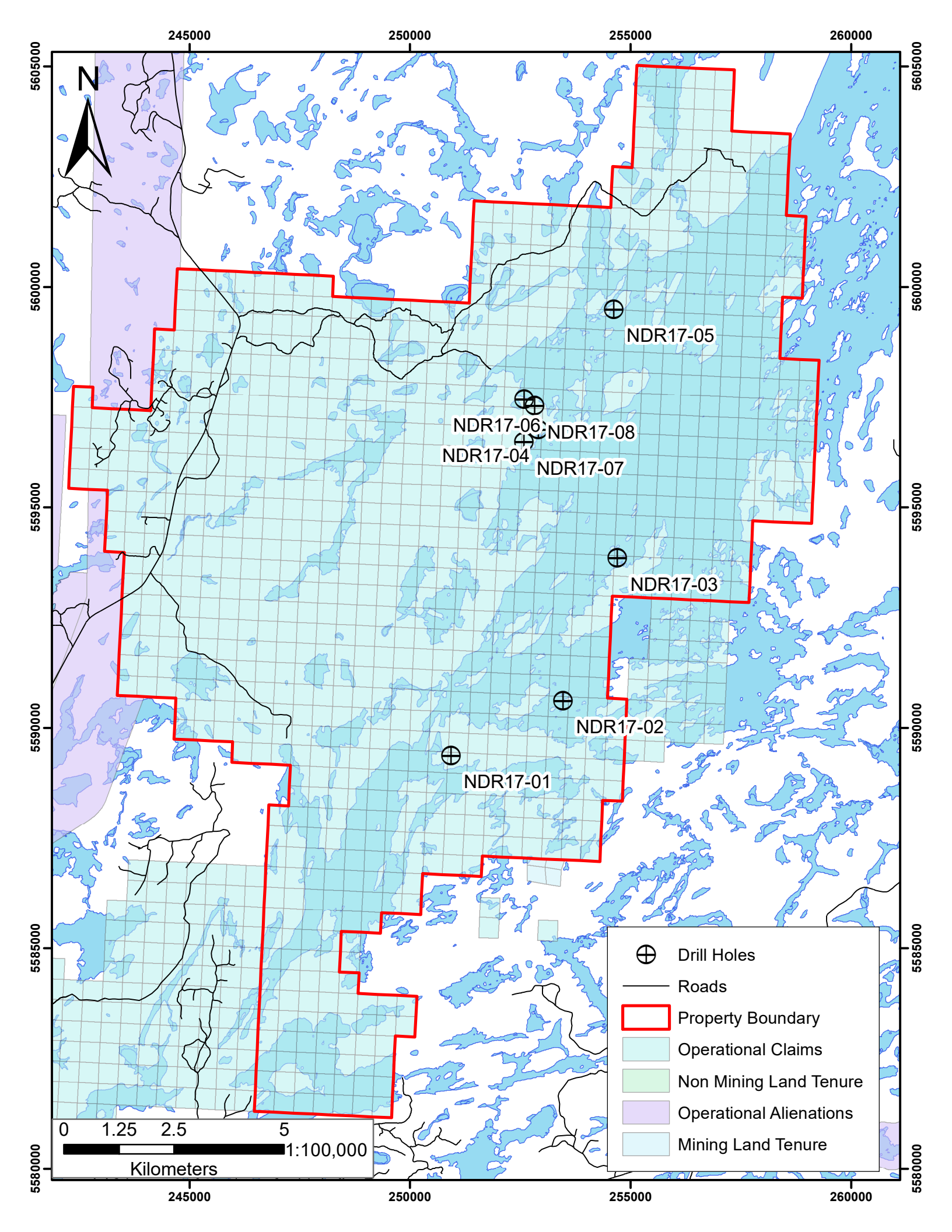
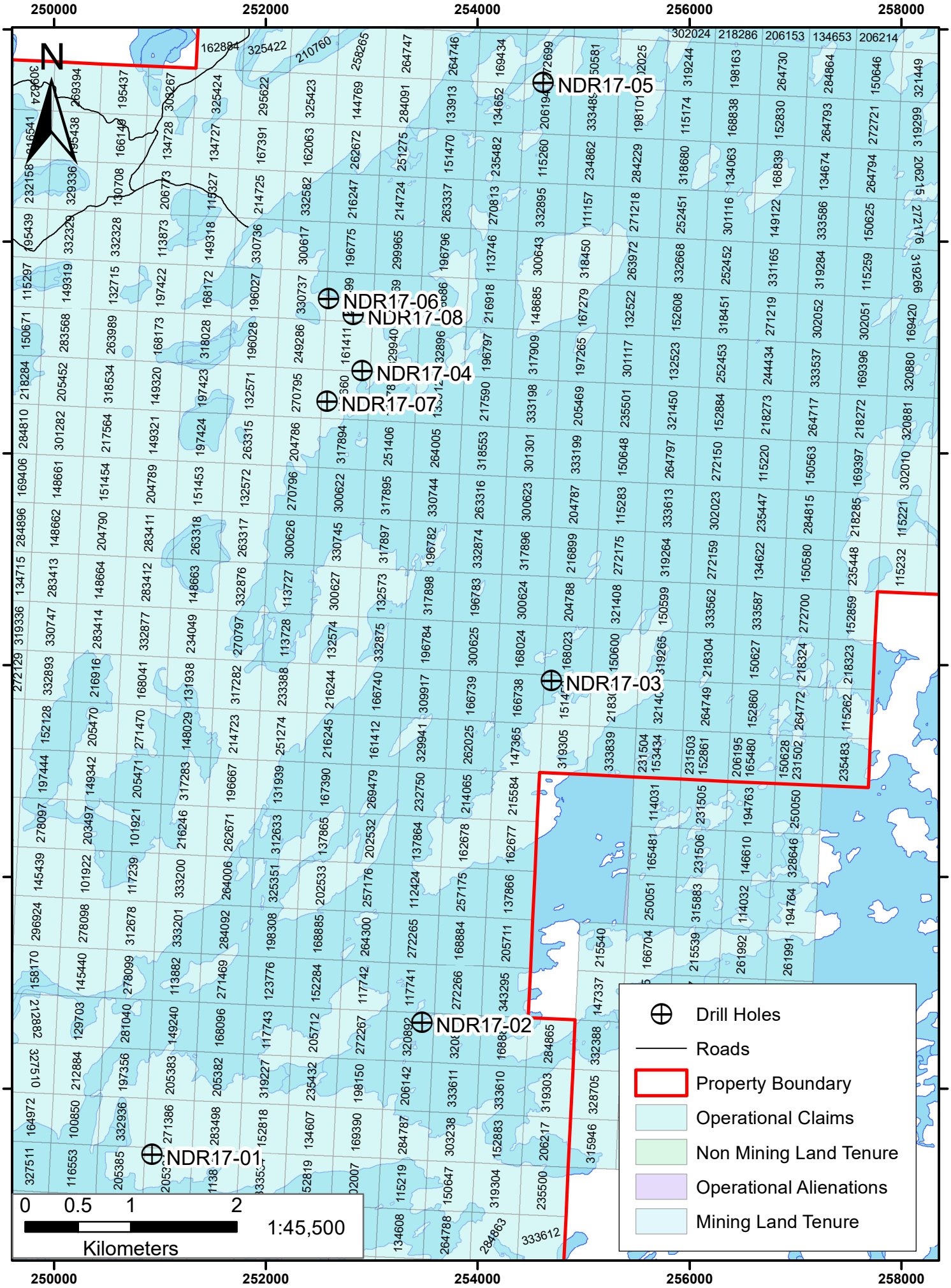
Murray Jones, M.Sc. P.Geo.

Senior Project Geologist


245000
250000
255000
260000
5605000
5600000
5595000
5590000
5585000
5580000
N
NDR17-05
NDR17-06
NDR17-08
NDR17-04
NDR17-07
NDR17-03
NDR17-02
NDR17-01
0
1.25
2.5
5
Kilometers
1:100,000
Drill Holes
Roads
Property Boundary
Operational Claims
Non Mining Land Tenure
Operational Alienations
Mining Land Tenure


250000
252000
254000
256000
258000
5600000
5598000
5596000
5594000
5592000
5590000
N
NDR17-01
NDR17-02
NDR17-03
NDR17-04
NDR17-05
NDR17-06
NDR17-07
NDR17-08
Drill Holes
Roads
Property Boundary
Operational Claims
Non Mining Land Tenure
Operational Alienations
Mining Land Tenure
0
0.5
1
2
Kilometers
1:45,500

677,300E

NDR17-01

4270650

OVBN

400 m

400 m

IVOL

IVOL

IVOL

IVOL

350 m

350 m

IVOL

ARGL
ARGL
ARGL
SXMX

SXMX

0.101
0.071
0.112
0.075
0.169

58 Au, 205 As, 74 Cu, 16 Sb, 260 Zn
11.20m

300 m

300 m

IVOL

CNGL

250 m

NDR17-01
-74°@210°
Total Depth 162m

Claim Number 4270650

25m
SCALE: 1:500

ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments

GRWK- Greywacke
may be graded also interbedded with
siltstone/mudstone/argillite in turbidite sequence.

CNGL- Conglomerate
protoliths are dominantly volcanic sourced.
may be dominantly felsic or mafic, composition may be indicated by subscript

ARGL- Argillite
may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

FVOL- Felsic Volcanics

IVOL- Intermediate Volcanics

MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite

MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence

Mag Sus
PO_intensity
PY_intensity
AS_ppm
Lithology
SI_intensity
CA_intensity
AU_ppm
ARGL
ARGL
ARGL
SXMX
SXMX
0.101
0.071
0.112
0.075
0.169

Alteration Legend
SI CA
INCREASING INTENSITY

NEW DIMENSION RESOURCES

Savant Lake
Vertical Section ND17-01
Section Looking 120°

EQUITY

Date: 05/15/2017
Proj: NTS 052J/07,08
Prov: ON

Figure 8a


NDR17-02
5,587,940N
5,587,960N
OVBN
400 mN
350 mN
300 mN
250 mN
200 mN
150 mN
100 mN
MVOL
ULMF
FEFM
51 Au, 1 As, 214 Cu, 2 Sb, 94 Zn
0.75m
0.051
25m
SCALE: 1:500
NDR17-02
-74°@283°
Total Depth 348m
Claim Number 4270652
ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval
Mag Sus
PO_intensity
PY_intensity
AS_ppm
Lithology
SI_intensity
CA_intensity
AU_ppm
ARGL
SXMX
0.101
Alteration
Legend
SI
CA
INCREASING INTENSITY
Lithologic Legend
OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits
BRXF- Breccia Fault Zone
FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments
GRWK- Greywacke
may be graded also interbedded with
siltstone/mudstone/argillite in turbidite sequence.
CNGL- Conglomerate
protoliths are dominantly volcanic sourced.
may be dominantly felsic or mafic, composition may be indicated by subscript
ARGL- Argillite
may be massive or interbebbed with greywacke in turbidite sequence
CHAR- Chert Argillite
FVOL- Felsic Volcanics
IVOL- Intermediate Volcanics
MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate
DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite
MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence
NEW DIMENSION
RESOURCES
Savant Lake
Vertical Section ND17-02
Section Looking 193°
EQUITY
Date: 05/30/2017
Proj: NTS 052J/07,08
Prov: ON
Figure
8b

NDR17-03

5,591,260N

680,680E

4279395

680,580E

5,591,360N

400 mN

LAKE

OVBN

IVOL

IVOL

FVOL

FVOL

FVOL

350 mN

ARGL

36 Au, 100 As, 597 Cu, 19 Sb, 1711 Zn
13.50m

0.052

CNGL

CNGL

SXMX

MXSX

300 mN

0.072

0.165

0.066

SXMX

MXSX

SXMX

CNGL

GRWK

ARGL

ARGL

ARGL
MXSX

CNGL

250 mN

FVOL

200 mN

NDR17-03
-70°@319°
Total Depth 225m

25m

SCALE: 1:500

ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval

Claim Number 4279395

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments

GRWK- Greywacke
may be graded also interbedded with
siltstone/mudstone/argillite in turbidite sequence.

CNGL- Conglomerate
protoliths are dominantly volcanic sourced.
may be dominantly felsic or mafic, composition may be indicated by subscript

ARGL- Argillite
may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

FVOL- Felsic Volcanics

IVOL- Intermediate Volcanics

MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite

MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence

Mag Sus
PY_intensity
PO_intensity
AS_ppm
Lithology
CA_intensity
SI_intensity
AU_ppm
0.101
0.071
0.112
0.075
0.169
177
555
117

ARGL
ARGL
ARGL
SXMX
SXMX

Alteration Legend
SI CA
INCREASING INTENSITY

NEW DIMENSION RESOURCES

Savant Lake
Vertical Section ND17-03
Section Looking 229°

EQUITY

Date: 05/31/2017
Proj: NTS 052J/07,08
Prov: ON

Figure 8c

678,640E
678,580E
NDR17-04
4279399
5,594,040N
5,591,140N
OVBN
400 mN
GRWK
400 mN
4550
104
0.061
0.539
539 Au, 21 As, 1 Cu, 1 Sb, 7 Zn
1.25m
208
146
104
239
FEFM
0.371
371 Au, 33 As, 36 Cu, 4 Sb, 68 Zn
1.50m
350 mN
GRWK
350 mN
355
148
317
753
FEFM
GRWK
FEFM
300 mN
300 mN
NDR17-04
-45°@330°
Total Depth 175m
250 mN
25m
SCALE: 1:500
ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval
Claim Number 4279399

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments

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may be graded also interbedded with
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ARGL- Argillite
may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

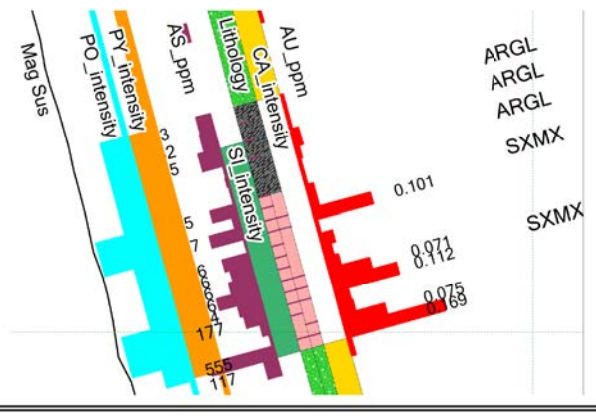
FVOL- Felsic Volcanics

IVOL- Intermediate Volcanics

MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite

MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence



Alteration Legend
SI CA
INCREASING INTENSITY

NEW DIMENSION RESOURCES

Savant Lake
Vertical Section ND17-04
Section Looking 240°

EQUITY

Date:	05/31/2017
Proj:	NTS 052J/07,08
Prov:	ON

Figure 8d

NDR17-05

5,596,860N

680,140E

5,596,780N

680,200E

OVBN

FVOL

GRWK

FEFM

GRWK

400 mN

350 mN

300 mN

250 mN

NDR17-05
-45°@140°
Total Depth 150m

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments

GRWK- Greywacke
may be graded also interbedded with
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CNGL- Conglomerate
protoliths are dominantly volcanic sourced.
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ARGL- Argillite
may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

FVOL- Felsic Volcanics

IVOL- Intermediate Volcanics

MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite

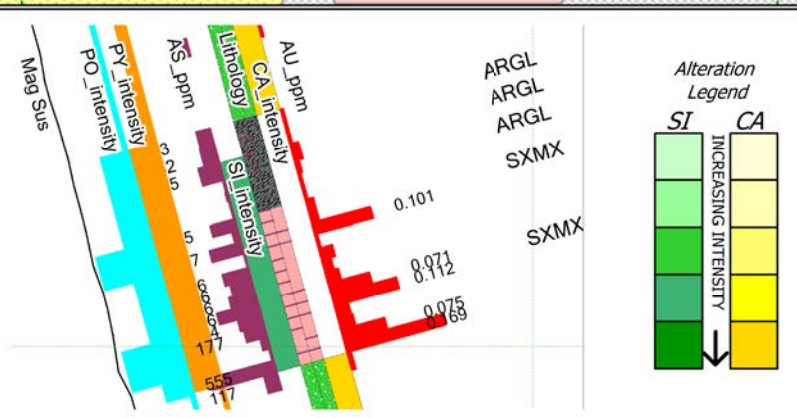
MXSX SXMX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence

Claim Number 4279406

25m

SCALE: 1:500

ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval



Alteration Legend

NEW DIMENSION RESOURCES

Savant Lake

Vertical Section ND17-05
Section Looking 050°

EQUITY

Date: 05/30/2017
Proj: NTS 052J/07,08
Prov: ON

Figure 8e

678,280E

NDR17-06

4279403

5,594,680N

5,594,820N

678,280E

400 mN

350 mN

300 mN

250 mN

SLTS

BXSVCTL

FEFM

ARGL

GRWK

<5 Au, 1465 As, 60 Cu, 1 Sb, 105 Zn
1.50m

1075
434

265

NDR17-06
-45°@0°
Total Depth 206m

25m

SCALE: 1:500

ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval

Claim Number 4279403

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
includeds "furugeneous sediment" varieties, ie. magnetite-rich sediments

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may be graded also interbedded with
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protoliths are dominantly volcanic sourced.
may be dominantly felsic or mafic, composition may be indicated by subscript

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may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

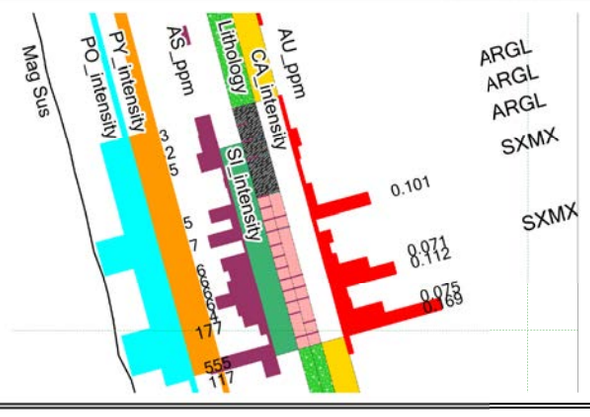
FVOL- Felsic Volcanics

IVOL- Intermediate Volcanics

MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

DIOR- Doirite
coarse grained plagioclase-quartz-biotite, may be highly strained
low strain domains preserve hydromorphic plag-quartz,
high strain domains consist of biotite

MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence



Alteration Legend

SI CA

INCREASING INTENSITY

NEW DIMENSION RESOURCES

Savant Lake

Vertical Section ND17-06
Section Looking 270°

EQUITY

Date: 05/31/2017
Proj: NTS 052J/07,08
Prov: ON

Figure 8f

678,360E
678,300E
NDR17-07
4279399
5,593,680N
5,593,800N
GRWK
400 mN
ARGL
DIOR
FEFM
350 mN
104
119
182
256
135
528
128
0.099
0.089
99 Au, 6 As, 33 Cu, 1 Sb, 19 Zn
0.90m
89 Au, 25 As, 43 Cu, 1 Sb, 62 Zn
1.10m
300 mN
NDR17-07
-50°@330°
Total Depth 161m
250 mN
25m
SCALE: 1:500

Lithologic Legend

OVBN- Overburden
Unconsolidated glacial, fluvial, soil and organic deposits

BRXF- Breccia Fault Zone

FEFM- Banded Iron Formation
may contain chert bands and laminae;
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GRWK- Greywacke
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may be massive or interbebbed with greywacke in turbidite sequence

CHAR- Chert Argillite

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MVOL- Mafic Volcanics
plagioclase feldspar phyric mafic flow, breccia, conglomerate

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coarse grained plagioclase-quartz-biotite, may be highly strained
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high strain domains consist of biotite

MXSX- Massive Sulphide / SXMX- Semi-Massive Sulphide
may be massive or interbebbed with greywacke in turbidite sequence

ppb Au, ppm As, ppm Cu, ppm Sb, ppm Zn
Interval

Claim Number 4279399

Mag Sus
PY_intensity
PO_intensity
AS_ppm
Lithology
CA_intensity
SI_intensity
AU_ppm
ARGL
ARGL
ARGL
SXMX
SXMX
0.101
0.071
0.112
0.075
0.169
177
555
117

Alteration Legend
SI CA
INCREASING INTENSITY

NEW DIMENSION RESOURCES

Savant Lake
Vertical Section ND17-07
Section Looking 240°

EQUITY

Date: 05/31/2017
Proj: NTS 052J/07,08
Prov: ON

Figure 8g