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Compilation Report & Prospecting Report

On The

Nova Property

Porcupine Mining Division Province of Ontario



2.58197

For

2522962 Ontario Inc (5SD Capital)

1080 Michelano Drive Timmins Ontario Canada P4P 1H9

J. Kevin Filo, P.Geo September 5, 2017

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Introduction and Terms of Reference:

The author was retained by 2522962 Ontario Inc to prepare a compilation and prospecting report on the Nova Property. The purpose of the report is to document recent sampling results; outline the exploration potential of the project and document targets of interest on the property for future exploration. The renewed interest in this prospect was initiated due do significant historical cobalt values and the recent increase in cobalt prices. The subject property is comprised of 4 mining claims comprised of 42 claim units covering approximately 672 hectares of prospective land in Nova Township located approximately 80 km northwest of the city centre of Timmins, Ontario. (Fig.1)

The majority of reference data used in this report was taken from Ontario Geological Survey Reports, assessment file data and data held in the private files of the author.

Results of the prospecting program and compilation are discussed in detail within the following sections of this report and recommendations for evaluation of the higher priority targets are discussed.

Property Description and Location:

Location:

As stated previously the subject property is in Nova Township approximately 80 km northwest of Timmins Ontario. The actual property is in the extreme southwestern portion of the township. (Fig. 1 & 2)

Property Status:

The Nova Property was staked in early May of 2017. The current claim block consists of four staked mining claims (42 units) or approximately 672 hectares. (see Fig.2). Details on the claim block can be seen in the accompanying Table 1.

Table 1 – Claim Listing Nova Property

Claim #	Township	Units	Area (hectares)	Expiry Date
Claim 4287082	Nova	14	224	May 11, 2019
Claim 4287083	Nova	16	256	May 11, 2019
Claim 4287084	Nova	4	64	May 11, 2019
Claim 4287085	Nova	8	128	May 11, 2019

Environmental Considerations and Permitting:

The Nova Property has been explored since the early 1960's. Work on the project has mainly consisted of early stage exploration with some limited diamond drilling. Consequently, historical work to date appears to have had very limited environmental impact and disturbances to the environment are considered very minimal.



All mineral exploration work in Ontario requires and exploration permit. Permits for early stage exploration work such as line-cutting, geophysics and diamond drilling can be obtained in a reasonable length of time. All exploration work requires consultation with First Nations prior to application for a permit.

Accessibility, Local Resources, Infrastructure, Physiography, and Climate:

Access to the property is obtained by travelling west from the City of Timmins along Highway 101 to the Mallette logging road (UTM co-ordinate 465511E 5363830N). The Mallette logging road is a well maintained logging road which is used to access the former Montcalm nickel mine. At the Montcalm nickel mine turn off (418939E 5379622N) the Mallette logging road continues for a couple of hundred meters to a steel bridge across the Ground Hog River. Beyond the steel bridge the road continues west and divides at a "Y" at UTM co-ordinate 413794E 5378516N. One road continues basically westward and a second road in a more southerly direction. These roads form a loop and connect such that they intersect and also connect to a small secondary access road at UTM co-ordinate 399300E 5371968N. This secondary road can be accessed with a vehicle to approximate UTM co-ordinate 398000E 5371000N where there is a southwesterly trending trail to access the property.

The project is proximal to the City of Timmins, an established mining community with expertise in mineral exploration and mining. Various supplies and accommodation can be obtained within the city. The city has milling facilities capable of milling base metal ores and precious metal ores.

The Nova Property has rolling topography with both low lying swampy areas and higher sand eskers allowing for relatively easy access during both summer and winter.

The property area has cold winters with well below freezing temperatures (-10 to -40° C) and mild to hot summers typical for this part of northeastern Ontario. Variable snow accumulations up to 1.5 metres and lake ice occur between late October and April.

History:

Exploration history on the Nova Property is fairly minimal and the project appears relatively underexplored. The information pertaining to historical material was obtained from MNDM assessment files and personal files of the author. Details with regard to the exploration history are documented as follows:

- In 1964 Area Mines carried out prospecting and trenching and a single drill hole was drilled to test a pyritic zone with minor copper zinc mineralization. This hole was located in the NE extremity of the current claim 4287084. This hole intersected a series of metasediments, chlorite-grunerite schists and quartzite with sulphides including pyrite, pyrrhotite, minor chalcopyrite and magnetite.
- In 1972 Canamax carried out extensive airborne surveys in Nova and adjoining townships. The current subject property was at one time controlled by Canamax. Within the current claim block Canamax discovered a sulphide rich zone with minor zinc mineralization and an associated conductor. No drilling was carried out to evaluate the conductor.

- In 1990 Ontario Geological Survey conducted and airborne survey over the subject property as part of a regional airborne programs and detected numerous EM anomalies over the current subject property.
- In 1991 Filo and Associates controlled the current subject property and a series of surrounding claims in order to cover airborne anomalies outlined by an OGS airborne EM survey. During this time Filo and Associates optioned their holdings to Orofino Resources Inc. Orofino conducted linecutting, geological work and soil sampling. This work covered a substantial portion of the current 2522962 Ontario Inc. holdings. In 1992 the project was dropped by Orofino and returned to Filo and Associates.
- In 1992 Filo and Jones conducted geological mapping and sampling of their original claim block. This work also covered the current subject property holdings.
- In 1994 David V. Jones conducted mechanized power stripping and sampling of known zones of mineralization on the current claim 4287084. Interesting highly anomalous cobalt values were obtained during this time. Also in 1994 Jones conducted a HLEM survey to the west of the subject property outlining EM anomalies. These conductors remain untested.
- In 2000 the OGS carried out a lake bottom geochem survey in which a small part of Nova Twp (Extreme SW portion) was covered. Some interesting platinum group metals anomalies were noted.
- In 2017 the 24 Karat Bag Trust carried out some verification sampling to verify cobalt samples obtained in earlier years by Jones prior to vending claim 4287084 to 2522962 Ontario Inc.

Regional Geology:

In 1996 the Ontario Geological Survey published OGS Report 300 (Mactavish, A.D.) on the Montcalm Greenstone Belt (MGB). The current subject property falls within this area. Data for this portion of the report has been extracted from OGS Report 300. OGS Report 300 covers the townships of Nova, Strachan, Belford and Montcalm; or approximately half of MGB.

According the aforementioned report the rock units within the MGB are Neoarchean in age. The oldest rocks in the belt are mafic metavolcanic flows and felsic to intermediate pyroclastic rocks locally interbedded with clastic and chemical metasedimentary rocks and ultramafic flows. With respect to supracrustal rocks; they have been divided into the large dominantly mafic metavolcanic Montcalm assemblage, the dominantly intermediate pyroclastic metavolcanic Nova assemblage and the composite Oates assemblage. These rock units are intruded by two distinct gabbroic complexes designated the Montcalm Gabbroic Complex and Strachan Gabbroic complex; both complexes are layered. Both the metavolcanic and gabbro complexes were intruded by younger



intrusives such as the Nat River Granitoid Complex and two other smaller complexes. All of the aforementioned rock units have been cut by diabase dykes. Lamprophyre dykes are also common locally. The entire MGB is truncated to the west by the high grade metamorphic terrane known as the Kapuskasing Structural Zone(KSZ).

The rocks Nesoarchean age rocks within the MGB were believed to have been subjected to at least two and possibly three periods of deformation. Evidence for the first period of deformation is the presence of north to northeast trending foliation subparallel to the stratigraphy. The second deformation affected basically all rock units was thought to be the cause of east-southeast trending conjugate fault systems, open folds and foliations. The intrusion of granatoid bodies produced faults and "S" shaped drag folds. Lastly, the emplacement of the KSZ during the late Nesoarchean or early Paleoproterezoic formed the north to northeast trending Ivanhoe Lake cataclastic zone and numerous subsidiary structures.

The supracrustal and gabbroic rocks were affected by regional lower to middle amphibolite grade metamorphism. Upper amphibolite grade metamorphism was observed locally. Contact metamorphism produced narrow sometimes overlapping zones of graboblastic texture near granatoid intrusions. It has been postulated a second regional metamorphic event may have accompanied the emplacement of the KSZ.

From a general economic perspective Mactavish in OGS Report 300 stated that there was good nickel copper potential within the two gabbroic complexes and untested potential for nickel in the ultramafic flows of the Oates assemblage. Volcanogenic massive sulphide potential also exists within the pyroclastic sequence of the Nova assemblage. There has been little or no gold exploration in the MGB and thus the area is mainly untested. A prospective with high potential would be areas containing altered and deformed ultramafic flows.

Property and Economic Geology:

A portion of a geological map published in conjunction with OGS Report 300 (Mactavish, A.D., 1996) for Nova Township can be see in the accompanying Figure 4. This mapping program covered all of the current Nova Property holdings. Information pertaining to the subject property in Figure 4 was somewhat limited due to the lack of exposure. The map does however represent a reasonable interpretation of the property geology from what bedrock exposure is present and government airborne geophysical data.

In Fig.4 it can seen that that current data suggests the property in underlain by mafic volcanics, felsic volcanics and chemical sediments. The property covers an interpreted fold with the fold nose just off to the northeast of the property. The limbs of the fold are distinctly marked out by the chemical sedimentary horizon which appears to be primarily composed of oxide facies iron formation, chert and sulphide zones. The interior of the northern fold limb appears to be in contact with a felsic unit, limited exposure shows this unit in some instances to be sericite altered and schistose. Due to a significant lack of outcrop interpretation of the property geology has relied heavily on geophysics, The geophysical interpretation suggests this area which is basically the majority of the



property is thought to be underlain by an intercalated package of mafic and felsic volcanics.

The current subject property has been explored periodically for base and precious metals since the early 1960's. To date no major mineral deposit found on the property. However, there are a number of anomalous base metal occurrences on the property that are of interest and many untested geophysical targets; some of these occurrences are proximal or directly associated with anomalous base metals occurrences. Currently there is a renewed interest in the subject property as a result of anomalous cobalt assays noted on the property during a prospecting program completed by David V. Jones in 1994. Further, these anomalous assays are supported by a higher grade cobalt occurrence noted by a Teck Corp geologist obtained during a property visit in 1991; the Teck sample assayed 3230 ppm cobalt (see appendix 1).

More recent assaying on behalf of the 24 Karat Bag Trust (24K) confirmed the presence of fairly anomalous cobalt numbers similar to historical numbers reported by David V. Jones. (see appendix 2) From the 24K sampling it was noted that fresh sulphide rich samples carried the best cobalt numbers opposed to highly oxidized samples. The sulphide rich samples with anomalous cobalt also contained anomalous silver and arsenic. Follow up sampling by 2522962 Ont Inc or 5SD Capital (5SD) at the same sample sites as 24K were taken in order to evaluate any precious metal content associated with cobalt mineralization. No significant platinum or palladium were detected. However, a sample of massive sulphide returned a value of 47 ppb gold.

The samples with interesting cobalt values appear to have come from the sulphide rich section of a folded sediment / iron formation stretching across the entire 5SD property noted in accompanying geological maps from within this report. Further evaluation of the prospective sulphide rich section of the sediment / iron formation is warranted to properly evaluate the cobalt potential of this property.

Conclusions and Recommendations:

Recent prospecting efforts by 24K were conducted to confirm the presence of cobalt mineralization documented during exploration efforts during the mid 1990's. These samples confirmed anomalous cobalt values similar to that taken by Jones et al and noted by MacTavish, A.D. in OGS Report 300.

The best cobalt samples by 24K returned 186 ppm cobalt (sample 4522058) and 110 ppm cobalt (sample 4522051). Sample 4522058 which was basically a sample of massive sulphide; this sample along with anomalous cobalt contained strongly anomalous arsenic and some weakly elevated silver values. A sample (4522083) from the same massive sulphide zone sampled for a second time by 5SD returned an anomalous gold value of 47 ppb. It is evident that the best cobalt values from recent sampling are associated with un-oxidized samples of massive sulphide. The cobalt bearing sulphide rich horizon appears to be part of a folded sediment / iron formation package which appears to stretch across the entire subject property as shown in figs 4 and 5.



The following recommendations should be considered for future follow up:

- Conduct further prospecting to further evaluate the cobalt mineralization at surface and possibly locate areas with better grade similar to that found by Teck.
- Consider some mechanized stripping to expose sulphide rich sections of the iron formation. This work could be conducted in conjunction with trenching and sampling of areas of interest noted from the mechanized stripping.
- In area where there is limited exposure mobile metal ion geochemical sampling could be conducted keeping in mind there is a distinct association between the cobalt mineralization and arsenic as well as possibly some precious metals.
- Consider some ground geophysics to follow up on airborne anomalies related to the iron formation and drill test the better anomalies.
- Some consideration should be given to twinning the Area Mines Hole No. 2 located approximately 300 m southwest of current sample location 4522083. The Area Mines hole intersected substantial pyrrhotite and pyrite in two separate zones. No cobalt or precious metal assays were reported from these holes and the main interest appears to have been copper.

Respectfully Submitted J. Keyin Filo, P.Geo.

-6-

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OGS, 1990: Airborne Electromagnetic and Total Intensity Magnetic Survey, North Swayze-Montcalm Area, Geological Survey Map 81361 and 81364, Scale 1:20000.

OGS, 2000: Folyet-Missisanbi Area Lake Sediment Survey; Operation Treasure Hunt-Area A; Ontario Geological Survey, Open File Report 6014, 122p.

CERTIFICATE OF AUTHOR

- I, J. Kevin Filo, P. Geo. do hereby certify that:
- 1. I am a consultant for 2522962 Ontario Inc.
- 2. I graduated with an Honours Bachelor of Science Degree in Geology from Laurentian University in Sudbury in 1980.
- 3. I am a member of the Association of Professional Geologists of Ontario (Reg. No. 0220).
- 4. I have worked as a geologist for a total of 36 years since my graduation from university.
- 5. I am responsible for an non- independent review of the current subject report.
- 6. I am not aware of any material fact or material change with respect to the subject matter of the report that is not reflected in the report, the omission to disclose which make the report misleading.
- 7. I am not independent of 2522962 Ontario Inc. I presently control a number of shares in 2522962 Ontario Inc. and I am and officer and director of the corporation.

Dated this 5th day of Sept 2017

Signature of Qualified Person

Appendices

Appendix 1: Field notes and Assays from Teck Corp Field Visit

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Appendix 2: Historical Sampling Locations and Assays by David Jones

OGS Report 300

I'KECAMISTIAN OCULUUN MUNTIALM GREENSTONEBELT OGS REPORT 300 (A.D. MACTAUSSI 1996)

can attain 75 m locally, appears to widen with depth (Blecha et al. 1977), and consists of 2 zones (the Main, or West, Zone and the East Zone). Reserves of 3 560 000 t grading 1.44% Ni and 0.68% Cu, to a depth of 350 m, were quoted by Barrie and Naldrett (1989). This figure is a considerable reduction from the total quoted earlier and may represent proven and probable reserves rather than a geological inventory.

A dispute between Lynx-Canada Explorations Ltd. and the rest of the syndicate arose in 1977. The dispute was over Lynx-Canada's assumption of 25% interest in the project. Lynx-Canada took the case to the Ontario Supreme Court in April 1977, but the case was not resolved until 1980. The court decided that Teck Corporation, Metallgesellschaft Canada, and Domik Explorations Ltd. would each retain a 30% interest, with the remaining 10% to be held by Lynx-Canada. That interest decreased to 5.6% in 1983.

The property was optioned to Outokumpu Mines Ltd. in 1993. (*See* "Outokumpu Mines" below for a description of the most recent work completed.)

D.R. Derry Ltd. [1976 and 1977] (19)

During 1977, D.R. Derry Ltd. staked 3 properties, totalling 78 claims, in southeastern and east-central Belford and west-central Montcalm townships. Early in 1978, the company completed 26 sonic overburden drill holes on the 3 properties. The -80 mesh fraction of material collected adjacent to bedrock and the bedrock itself were analyzed for Cu; however, only 2 marginally anomalous values (86 and 99 ppm) were reported. The anomalous samples came from adjacent drill holes in the southeast corner of Belford Township, about 1000 m south of the Ivanhoe River and 2000 m west of Montcalm Township. There is no record of any follow-up work.

Falconbridge Limited [1993 and 1994] (20 to 22)

In mid 1993, Falconbridge Limited staked a large property, comprising 100 claim units (property 20), in north-central Strachan Township. The southern half of the property covers 3 short-strike-length, weak to moderate-strength (one- to six-channel) GEOTEM AEM conductors (OGS Geophysical/Geochemical Series Map 81363, north Swayze-Montcalm area, 1990). Work completed includes a reconnaissance grid, reconnaissance geophysical surveys, sampling, and geological mapping. The property is underlain by diorite, tonalite, and strongly amphibolitized, mafic metavolcanic flows. The claims were in good standing at the time of writing, and more work was planned for 1995.

A property encompassing 31 claims was staked in mid 1993 (property 21). Most of the claims were in southeastern Belford Township, but a few were in southwestern Montcalm Township. The property covers a 3500 m long

series of five- to twelve-channel GEOTEM AEM conductors (OGS Geophysical/Geochemical Series Map 81362, north Swayze–Montcalm area, 1990). A grid was cut, and ground magnetic and MaxMin-II EM surveys were completed. The claims remain in good standing.

In 1993 and 1994, a property comprising 34 claim units (property 22) was staked in central Belford Township to cover the western extremity of a series of strong, ten- to twelve-channel GEOTEM AEM conductors (OGS Geophysical/Geochemical Series Maps 81358 and 81359, north Swayze-Montcalm area, 1990). Work completed to date includes a grid, ground magnetometer and MaxMin-II surveys, and 3 diamond-drill holes (BEL34-01* to BEL34-03*) totalling 591 m. Rock types encountered included altered mafic and ultramafic flows, graphitic mudstones and siltstones, wackes and intermediate pyroclastic rocks. The targeted conductors were explained by the presence of pyritic, graphitic mudstone-siltstone units. Disseminated to stringered pyrite and minor pyrrhotite (generally 3 to 5% but occasionally up to 10%) were locally observed within the mafic and intermediate volcanic rocks.

Filo and Associates [Filo–Jones Property, 1991–1994] (23)

A group of 36 claim units was staked by Filo and Associates to cover a complex series of short-strike-length, seven- to twelve-channel GEOTEM AEM anomalies (OGS Geophysical/Geochemical Series Map 81364, north Swayze-Montcalm area, 1990). The property is in the southwest corner of Nova Township, approximately 1300 m east of the Ivanhoe River, and includes sulphide occurrences originally examined by Area Mines Ltd. and Amax Minerals Inc. Orofino Resources Limited optioned the claims in September 1991 and completed line cutting, geological mapping, limited soil sampling, and an airborne geophysical reinterpretation before returning the property to the owners in September 1992. Subsequently, during late 1992 and 1994, the owners completed further geological mapping, sampling, extensive stripping and trenching, and a MaxMin-II EM survey. The owners sampled the recently stripped areas and detected significant amounts of cobalt in a mineralized, very strongly altered rock that may have once been an ultramafic flow. As was previously noted (Area Mines Ltd., Libra Group), no base or precious metals mineralization was detected in 11 samples taken from old trenches by the author. More work was planned for the property in 1995 (K. Filo, personal communication, 1995).

Freeport Canadian Exploration Co. [1973] (24)

Freeport Canadian Exploration Co. completed 1 diamonddrill hole (FC73-1) on a nine-claim property straddling the boundary between Belford and Montcalm townships, approximately 4400 m north of the Ivanhoe River. The



Fig.

2

Location of power stripping sites in relation to claim boundaries (Nova Tp. claim map M-1030)

Ξ



Location of power stripped areas in relation to grid lines and claim boundaries. Cobalt Values From Jones and Teck Converted to Dollar Values for Reference by K. Filo P.Geo (2017)

Parameters

Cobalt at current price of \$25 per ton 10000 ppm Co =1% Co /ton = 20 lbs of cobalt per ton Therefore 1000 ppm is 2lbs or 50 per ton as example.

Area S

Sample	Со ррт	lbs Co	\$ value	
Teck 7221	3230	6.4	161.5	
dj1	21	0.042	1.05	
dj2	37	0.074	1.85	
dj3	22	0.044	1.1	
dj4	130	0.26	6.5	
dj5	31	0.062	1.55	
dj8	31	0.062	1.55	

Note all samples have some Co highlights above

Area U

Sample	Со ррт	lbs Co	\$ value	
dj 20	58	0.116	2.9	
dj21	26	0.52	1.3	
dj22	25	0.05	1.25	
dj23	53	0.106	2.65	
dj24	36	0.072	1.8	
A 11	C		0 1 1 1 1	1.4

All samples for this area have some Co highlights above

Area T			
Sample	Со ррт	lbs Co	\$ value
dj15	23	0.046	1.15
dj16	200	0.4	10
dj17	25	0.05	1.25
dj18	26	0.052	1.3
Only 5 sar	mples taken	here, only	one with
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very minor cobalt

Area V Sample Co ppm dj26 48

dj26	48	0.096	2.4
dj29	23	0.046	1.15
Only 4 sam	ples taken	here, only	two
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	Marries Marconte	1.1540.005	20.50 SOCIA 50 TV 200		100021-0 5010000	1-1-1-1-1	Sec. 1	YES SHA	and the second	×10.75	diam'r	3000	18.20
SAMPLE #	Ag Al As	B Ba	Ba Bi Ca Ca	Co Cr	Cu Te ng Ha	No Ha	M1 P	Pb sb	Se Sn	9r 11	V	Y In	Zr
	100	DDB DDB	ppus ppu t cpp	ppa ppa	ppm Si 1 pps	pps: 4	ppm ppm	PP PP#	PP= PP=	pper ppm	ppe ppa	ppm ppd	PPar
		1	C		100 100	100		STORES!		3.5	356	1	27
DJ-1	401 1.5 4 5	4 10 29	(1 C 5 0.92	21 300	26 4 4 1.0 470	< 2 0.02	27 1300	21 . 3 . 5	5 6.10	22 1400	46 1 10	11- 60	5
BJ-2	1 1.05405	(10 5	(1. C. 5 0.31	37 350	69-9.1 0.491 430	2 0.03	86 600	30 6 5	3:4:10	11.480	21 4 10	4 290	11
0.1-3	1.0 1.1	c 10 22	(Lee 5 0.423 T	22 250	24 3.8 0.67 490	1 2 0 04	48 670	12. 6 1	4 C 10	18 790	35 ¢ 10	5 190	10
DI	c 1 0.57 . 5	4 10	(1 3 0.22 - C	130 300	29 7.7 0.32 310	4-0.03	56 420	36 4 5	2 4 10	20 570	20-4 10	2 45	94
DI-5	HA T 0.54	4 10 21	(1.54.5 0.58 C.1	31 310	22 4.1 0.28 310	(2 0.05	62 650	3 5 5	3, 6.10	12 430	35 4 10	5 95	2
	15.45 E 2.43			1 204	- 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013	1 30.00		-	3.6.6.4	1.1	990-4		26 B
N-6	CT 0.18. 13	< 10 221	(1. 2 5 0.06	16 440	9. 3.5 0.03 100	4.0.02	16 310	2 . 6 5	< 1 C 10	10: 240	13 3 10	1 16	• 1
p.1-7	1 0.46 110	(10 31	< 1 18 5 0.06 C	6-320	10 1.9 0.03 70	2 0.04	195 220	5 (9	< 1-C-10	34 59	13 4 10	1, 6	8
DJ-0	Sec. 0.59 215	¢ 10 27	4 1-1 5 0.14 C	31 - 230	17. 3.9 0.33 270	1 2 0.05	32. 690	15 . 6 5	Z \$110	17 630	31 4 10	3 38	8
01-9	T I 0.71 -++5	(10 31	4 1 T 5 0.61 T	20 330	11 + 2.9 0.44. 580	4 2 0.04	39 650	9 1 6	4. 4.10	13 630	41-4 10	5 80	• 1.
0.7-10	C 1 0.19 34 5	¢ 10 8	(LA & 5 0.11 % C)	10 890	21 0.92 0.10 130	4=0.02	48 330	(1- 6 3	1 1 110	6 100	22.4 10	2 11	2
		1000		- 36 05		e+	241		<i></i>				4.4
DJ-11	. C 1 0.51- C 5	4 10 12	1 1 6 6 5 0.20 (18 150	15 3.7 0.32 270	< 2 0.03	47 660	1 4 3	1 . 10	7 610	23.4.10	5 53	5
03-12	1.4.405	(10 - 20	< 1 € 5 0.80 C 1	15 160	19 4.0 0.81 480	1 2.0.03	31 1300	17-4-5	5 4 10	20 1100	JO 4 10	8 120	1424
DJ-13	e 1 0.77 te 5	c 10 23	(1 . 5 0.34 . 4 1	169 300	25, 2.8 0.37 210	e 2 0,03	52 1000	9 6 5	1 6 10	21 200	13. 4 10	6 280	8
DJ-14	r 1 0.76 64	(10. 22	(1 6 5 1.8 1.1	14 210	18 3.6 0.26 550	(2 0.02	33* 7600	B (5	Z (10	53 700	16-4-10	5 60	
DJ-15	1 L 0.95 7 5	< 10 ZI	4 1 4 5 0.61 K 1	23 440	20 4.2 0.67 650	(2 0.04	110 1600	2 415	5 (10	18 1500	64.4 10	24 58	
		2.20				2		1.72	2				
03-16	e 1 1.1 3.5	¢ 10 3	< 1	200 350	72 19 0.68 490	(2 0.08	400 1000	3 6 5	• c 10	28. 950	29 4 10		
DJ-17	e I 1.6.4.5	< 10 24	(L. C. 5 2.8 (1	25 140	17 7.3 0.90,2100	2 0.10	110-930	1 41/14:10	3.110	110 1200	23 6 10	3 95	. 1.
DJ-18	4.1 0.87.4.5	< 10	« L. C. 5 1.0 « 1	26 200	50, 9.0 0.47, 920	2 0.05	250 1100			52.2200	10-2.10		
DJ-19	4.1 0.62	c 10 24	C L C 5 0.03 C L	50.200	23 7.0 0.36 420	2 0.05	23 7 840		5 10	49 1300	60 - 1 10	11. 140	3
DJ-20	C1 1.3 C3	(10 11	C 1 C 3 1.1 C 1	50 310	21 9.0 0.65 1000		33.3400						1.9
				58 200	62. 71 0 57 750	6 0.02	210 2600	9.45	3 6 10	33 1000	25 . 10	6. 170	8
03-21	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 12	4 1 6 5 1 7 6 1	76: 790	30 8.9 0.81 900	(2 0.01	120.4200	4. 6.5	5-6:10	36 . 840	70 . (10	12 . 140	3
03-22	1 1 2 75	10 17	e 1	25 400	31 8.0 0.83 950	4 2 0.04	110:4100	5 . 6 5	5. 4 10	40 1200	60 e 10	10 98	3
(1)UJ-23	(1 1.1 (CS	c 10 5	(1 65 1.0 CI	53 210	61 20 0.65 850	4 0.03	200 2700	11 6 5	3 4-10	36 1100	30 . 10	6 190	14
L 01-25	6 1 1.3-6.5	10 160	(154.5 1.7 CL	36 430	30 3.1 0.84 270	(2.0.06	180. 4400	494.5	9 4 10	54 660	99 6 10	14 53	(1
G		1. A.			1018 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.44				St 12	2.9	10.5	2.25
(JDJ-26	c.1 1.7 .65	e 10 120	< 1 C 5 1.6 C.L	48 360	J8 3.9 1.1 620	(2'0:07	220 3900	6 6 5	10 6 10	57.700	110 (10	13 58	1
C 0J-27	2 C 1 0.27 C 5	(10 19	(1. 1 5 1.1. 6 1	9 21	< 1 29 0.38 4400	12:0.01	35 290	29: 16 5	< 1 < 10	32 110	(196-10	5 Z7	21-4
-lp.J - 28	1 2.4 445	(10 12	< 1 (5 2.0 f 1	8, 220	10 9.7 1.0 1900	(2 0.04	68 2700	< 1 .5 S	3 4 10	99 770	J7 € 10	5 34	< 1.
UT-29	61 1.4-65	10 56	(1. 6 5 1.4 6.1	23 350	14 . 5.2 0.66 1200	(2 0.04	92 2900	5 c 5	< € 10	84 810	55 6 10	7	• 1
				800.4		· · · · · · · · · · · · · · · · · · ·	a Part	20.23	88. A. I				
5		S.S	14. A. S.	V		6	244			444.24		1000 M	5834
ů.				T	See Car	1000	84 C	10.00	20100	14 154	A	1000	
1	- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	35.00	19 ST 19	1000			a	3.358				2 A 🕀	
4				2235		14.150		6232	128.1	1.1.1.1.1			and the second
б		100 C		2000		28.2	A.J.	1.1.1.1					* -
		1000						13.24		2.54			
N I	4.94 P. 1	A	the second se		201.64.42 SQUE - 1				1				

U Li .5 93 sample is digested with 2 ml of 3:1 HCL/HMO3 at 95 c for 90 min and diluted to 10 pl with DI H2O This pathod is p**ettini for many** oxide materials

STGNED :

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						TSL/	ASSAYER	S Labora	tories					
	DAVLD V. JONES					1270 FEWSTER BRIVE. UNIT 3 MISSI33AUGA.ONTARIG LAW-186 PROME #: (905)602-8236 FAX #: (905)206-0513						REPORT No. : M43250 Page No. : 1 of 1		
					File No.						: DCLIN			
						I.C.A.	P. TOT	AL OXIDE	ANALYS	IS		Date	; DEC-15	-1994
р. - С.	4 0-4098-ra i						Lithium MetaBorate Fusion							
	Sample #	9102 1	A1203 P4203 8	CaO NgO X X	Na20 X20 3 X	1102 Hind 1	P205 #a % ppm	9r 58 ppm : ppm	T Sa ppe ppu	ND Pe ppm ppm	NI CC	Cu V. Ppa ppa	Co En PP= PP=	LOT TOTAL
4	J-17	52,82	22.04 8.65	3.53 2.24	2.92 3.82	1.11 0.12	0.36 1160	160 160	16 19	(30 1	40 785	15 145	15 120	4.71100.31
D	3-13	63.00	19.49. 4.33	2.02-1.27	2.40 3.54	0.62 0.06	0.28 920	430 129	14 12	1 30 - 1 1	55 550	20 110	10 265	3.77100.79
5 ''94 12:25 TSL-HSSHYERS	J-14	164 .76	13.15 (62)	10.22 699	2.35	0.42 4 45	0.16	50 - 50		• 30				
1		10000000000	4366673	and the second s	4.44	str schol	Market 1	847.85%	12861113	199922	19594	5514-1 A		1.2.1.2.
DEC	94									SIGNED :	Dame		rod	

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Appendix 3: Sample Descriptions of Rock Samples from Recent Prospecting By 2522962 Ontario Inc and Recent 24 Karat Bag Trust Samples Sample 4522051 and 4522076: Mainly rusty brown colored gossan, difficult to determine protolith. Some minor grey colored protolith that is silicified (possibly a silicified mafic?) Unit is non magnetic and fairly heavy. Estimate of 2% pyrite. Some minor quartz observed.

Sample 4522052 and 4522077: This is a totally oxidized rusty brown colored gossan. Estimate of 1-2% pyrite noted. Unit is magnetic and some magnetite noted.

Sample 4522053 and 4522078: Again this is a totally oxidized rusty brown colored gossan, certain sections of the sample are very hard, silicified??; the unit is magnetic and has minor pyrite, and some magnetite.

Sample 4522054 and 4522079: A brown gossan that is extremely oxidized, some magnetite in sample and unit is magnetic; trace of pyrite noted.

Sample 4522055 and 4522080: Again a brown gossan with substantial magnetite, some pyrite and pyrrhotite about 1% and 0.5% respectively. Strongly magnetic. Protolith thought to be iron formation or magnetite rich mafic?

Sample 4522056 and 4522081: Black colored unit with some brown oxidation (gossan) and some weak shear fabric. Likely a mafic volcanic which is weakly magnetic.

Sample 4522057 and 4522082: Dark black unit with weak fabric again with brown oxidation (gossan). Unit has trace pyrite and medium to weak magnetic response.

Sample 4522058 and 4522083: Sample of massive sulphide with about 70% pyrrhoite and 30% pyrite.

Sample 4522059 and 4522084: Dark black mafic volcanic that is magnetite rich and it has a strong to moderate magnetic response. The sample is fairly dense. Unit contains some blebs and streaks of pyrrhotite.

Samples 4522085 to 4522089: No sample description taken.

Sample No	Easting	Northing
4522051 and 4522076	397354	5369851
4522052 and 4522077	397382	5369852
4522053 and 4522078	397382	5369852
4522054 and 4522079	397368	5369888
4522055 and 4522080	397363	5369884
4522056 and 4522081	397364	5369893
4522057 and 4522082	397361	5369879
4522058 and 4522083	397550	5370008
4522059 and 4522084	397616	5369882
4522085 to 4522089 inclusive	397313	5369906

Appendix 4: Assay Sheets from Recent Prospecting By 2522962 Ontario Inc and Recent Sampling from 24 Karat Bag Trust

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Quality Analysis ...

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Innovative Technologies

 Date Submitted:
 06-Jun-17

 Invoice No.:
 A17-05649

 Invoice Date:
 19-Jun-17

 Your Reference:
 Nova

Filo Exploration 1080 Michelano Dr Timmins Ontario Canada

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

9 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT A17-05649

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme, Ph.D. Quality Control

ACTIVATION LABORATORIES LTD. 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Timmins@acIlabs.com ACTLABS GROUP WEBSITE www.acIlabs.com

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Results

Activation Laboratories Ltd.

Analyte Symbol	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	AI	As	В	Ва	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	к	La	Mg
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%							
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP																						
4522051	0.6	< 0.5	22	557	< 1	33	10	90	1.16	10	< 10	43	< 0.5	3	0.34	110	18	12.2	< 10	< 1	0.23	15	0.65
4522052	0.2	< 0.5	< 1	1100	1	6	< 2	23	0.06	9	< 10	192	< 0.5	4	0.13	< 1	15	14.0	< 10	< 1	0.02	< 10	0.14
4522053	< 0.2	< 0.5	< 1	1630	1	8	< 2	29	0.09	5	< 10	17	< 0.5	5	0.22	1	18	13.7	< 10	< 1	0.01	< 10	0.12
4522054	< 0.2	< 0.5	< 1	2960	< 1	12	4	61	1.51	< 2	< 10	104	< 0.5	3	1.31	2	157	13.6	< 10	< 1	0.21	11	0.96
4522055	< 0.2	< 0.5	< 1	798	1	12	4	13	0.02	6	< 10	47	< 0.5	5	0.18	< 1	7	14.8	< 10	< 1	0.04	20	0.12
4522056	< 0.2	< 0.5	< 1	2900	< 1	7	2	67	1.26	2	< 10	80	< 0.5	< 2	1.28	< 1	124	11.9	< 10	< 1	0.17	< 10	1.00
4522057	< 0.2	< 0.5	7	2450	< 1	36	< 2	78	2.57	3	< 10	114	< 0.5	< 2	1.89	16	137	9.70	< 10	< 1	0.35	13	1.29
4522058	0.4	< 0.5	24	540	< 1	97	3	10	0.08	100	< 10	11	< 0.5	9	0.07	186	2	29.5	< 10	< 1	0.01	< 10	0.10
4522059	< 0.2	< 0.5	<1	2130	< 1	33	< 2	15	0.71	< 2	< 10	38	< 0.5	4	2.84	13	34	16.6	< 10	< 1	0.14	24	0.53

QC

Activation Laboratories Ltd.

Report: A17-05649

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Analyte Symbol	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	AI	As	В	Ва	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	к	La	Mg
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%							
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP																						
GXR-1 Meas	27.5	2.3	1110	704	12	27	534	692	0.33	341	< 10	286	0.6	1320	0.79	5	6	19.8	< 10	2	0.03	< 10	0.14
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	0.217
GXR-4 Meas	3.5	< 0.5	6760	135	298	34	39	83	2.85	106	< 10	64	1.0	16	0.92	14	59	3.04	< 10	< 1	1.72	57	1.75
GXR-4 Cert	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-6 Meas	0.2	< 0.5	61	1030	2	24	85	146	7.50	264	< 10	897	0.7	< 2	0.18	14	89	5.57	20	< 1	1.19	13	0.46
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
4522054 Orig	< 0.2	< 0.5	< 1	2900	< 1	11	4	60	1.47	< 2	< 10	102	< 0.5	4	1.28	2	155	13.5	< 10	< 1	0.21	11	0.93
4522054 Dup	< 0.2	< 0.5	< 1	3020	< 1	12	4	61	1.54	2	< 10	106	< 0.5	2	1.34	1	159	13.8	< 10	< 1	0.22	11	0.98

QC

Activation Laboratories Ltd.

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Analyte Symbol	Na	Р	S	Sb	Sc	Sr	Ti	Те	TI	Th	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP														
GXR-1 Meas	0.058	0.037	0.17	79	< 1	162	< 0.01	7	< 2	< 20	27	66	131	17	11
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0
GXR-4 Meas	0.122	0.126	1.63	4	6	78	0.15	2	< 2	< 20	< 10	71	14	9	8
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.122	0.035	0.02	5	21	37		1	< 2	< 20	< 10	165	< 10	5	12
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110
4522054 Orig	0.226	0.074	0.33	10	5	63	0.13	< 1	< 2	< 20	< 10	89	< 10	3	7
4522054 Dup	0.240	0.076	0.34	10	6	66	0.14	< 1	< 2	< 20	< 10	91	< 10	3	7

Quality Analysis ...



Innovative Technologies

Date Submitted:06-Jun-17Invoice No.:A17-05646Invoice Date:23-Jun-17Your Reference:Nova

Kevin Filo 1080 Machelano Timmins Ontario

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

9 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1C-OES-Timmins Fire Assay ICPOES

REPORT A17-05646

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

ACTIVATION LABORATORIES LTD.

1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
4522076	11	< 5	< 5
4522077	9	< 5	< 5
4522078	3	< 5	< 5
4522079	3	< 5	< 5
4522080	7	< 5	< 5
4522081	< 2	< 5	< 5
4522082	< 2	< 5	< 5
4522083	47	< 5	6
4522084	6	< 5	< 5

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Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
PK2 Meas	4720	5520	5000
PK2 Cert	4790	5918.0 00	4749.0 00
CDN-PGMS-24 Meas	846	4880	1150
CDN-PGMS-24 Cert	806.000	4880.00	1090.00
Method Blank	< 2	< 5	< 5
Method Blank	< 2	< 5	< 5

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Quality Analysis ...



Innovative Technologies

Date Submitted:03-Aug-17Invoice No.:A17-08220Invoice Date:25-Aug-17Your Reference:Nova

2522962 Ontario Inc. 1080 Machelano Timmins Ontario Canada

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1C-OES Fire Assay ICPOES

REPORT A17-08220

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme, Ph.D. Quality Control

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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Innovative Technologies

Date Submitted:03-Aug-17Invoice No.:A17-08220Invoice Date:25-Aug-17Your Reference:Nova

2522962 Ontario Inc. 1080 Machelano Timmins Ontario Canada

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT A17-08220

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

ACTIVATION LABORATORIES LTD.

1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com Results

Activation Laboratories Ltd.

Report: A1/-U822U

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Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	AI	As	В	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm							
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP																			
4522085	< 2	< 5	< 5	< 0.2	< 0.5	54	1510	< 1	43	< 2	87	3.31	3	< 10	58	< 0.5	< 2	2.71	24	239	5.85	< 10	< 1
4522086	12	< 5	< 5	< 0.2	< 0.5	181	1270	< 1	32	< 2	50	2.81	< 2	< 10	60	< 0.5	< 2	2.87	19	181	4.55	< 10	< 1
4522087	< 2	< 5	< 5	< 0.2	< 0.5	61	1430	1	44	3	63	3.17	< 2	< 10	204	< 0.5	< 2	1.85	26	290	5.80	< 10	< 1
4522088	3	< 5	< 5	< 0.2	< 0.5	280	2020	5	35	< 2	52	3.08	< 2	< 10	62	< 0.5	< 2	2.97	20	142	7.46	< 10	< 1
4522089	< 2	< 5	< 5	< 0.2	< 0.5	217	1900	< 1	46	< 2	59	3.42	3	< 10	48	< 0.5	< 2	2.96	28	174	7.78	< 10	< 1

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Activation Laboratories Ltd.

Report: A1/-U822U

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Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Те	TI	Th	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP																	
4522085	0.28	< 10	1.75	0.199	0.085	0.01	4	18	152	0.36	9	< 2	< 20	< 10	186	< 10	10	5
4522086	0.25	< 10	1.21	0.204	0.068	0.20	< 2	21	90	0.27	13	< 2	< 20	< 10	141	< 10	8	3
4522087	0.47	40	1.80	0.135	0.101	0.19	3	11	164	0.49	11	< 2	< 20	< 10	206	< 10	8	5
4522088	0.28	< 10	1.49	0.295	0.069	0.47	3	22	56	0.20	5	< 2	< 20	< 10	125	< 10	8	4
4522089	0.31	< 10	1.61	0.307	0.063	0.43	4	27	49	0.24	< 1	< 2	< 20	< 10	147	< 10	11	5

QC

Activation Laboratories Ltd.

Report: A17-08220

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Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	AI	As	В	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas				26.8	2.4	1090	802	13	31	604	613	0.52	334	11	359	0.8	1310	0.75	5	7	21.3	< 10	4
GXR-1 Cert				31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90
GXR-4 Meas				3.4	< 0.5	6520	142	320	37	45	72	2.97	100	< 10	63	1.3	16	0.81	14	61	3.23	< 10	< 1
GXR-4 Cert				4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110
GXR-6 Meas				0.3	< 0.5	73	1040	2	20	93	116	7.20	232	< 10	817	0.8	< 2	0.14	16	86	5.65	20	< 1
GXR-6 Cert				1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680
PK2 Meas	4830	6040	5030																				
PK2 Cert	4790	5918.0 00	4749.0 00								-												
CDN-PGMS-24 Meas	747	5150	1170																				
CDN-PGMS-24 Cert	806.000	4880.00	1090.00																				
SdAR-M2 (U.S.G.S.) Meas					5.7	244		14	37	898	807				121	4.4	< 2		16	10		< 10	2
SdAR-M2 (U.S.G.S.) Cert					5.1	236.00 00		13	49	808	760				990	6.6	1.05		12.4	49.6		17.6	1.44
4522085 Orig				< 0.2	< 0.5	55	1520	< 1	43	< 2	86	3.34	3	< 10	58	< 0.5	< 2	2.73	24	240	5.89	< 10	< 1
4522085 Dup				< 0.2	< 0.5	52	1500	< 1	42	< 2	88	3.29	3	< 10	58	< 0.5	< 2	2.69	24	237	5.80	< 10	< 1
4522089 Orig	< 2	< 5	< 5																				
4522089 Split PREP DUP	< 2	< 5	< 5																				
Method Blank				< 0.2	< 0.5	4	< 5	< 1	2	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank	< 2	< 5	< 5																~		-		
Method Blank	< 2	< 5	< 5																				
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Activation Laporatories Ltd.

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Analyte Symbol	к	La	Mg	Na	Р	S	Sb	Sc	Sr	fi	Te	TI	Th	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.04	< 10	0.15	0.083	0.035	0.17	75	1	172	< 0.01	8	< 2	< 20	31	73	137	23	19
GXR-1 Cert	0.050	7.50	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.81	56	1.67	0.143	0.121	1.69	3	7	80	0.14	12	< 2	< 20	< 10	76	13	12	10
GXR-4 Cert	4.01	64.5	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186
GXR-6 Meas	1.12	11	0.39	0.114	0.031	0.01	5	21	32		< 1	< 2	< 20	< 10	159	< 10	6	15
GXR-6 Cert	1.87	13.9	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110
PK2 Meas																		
PK2 Cert																		
CDN-PGMS-24 Meas																		
CDN-PGMS-24 Cert																		
SdAR-M2 (U.S.G.S.) Meas		48						2	22				< 20	< 10	17	< 10	17	7
SdAR-M2 (U.S.G.S.) Cert		46.6						4.1	144				14.2	2.53	25.2	2.8	32.7	259
4522085 Orig	0.28	10	1.76	0.201	0.085	0.01	5	18	155	0.36	5	< 2	< 20	< 10	188	< 10	10	5
4522085 Dup	0.28	< 10	1.74	0.197	0.085	0.01	4	17	149	0.36	12	< 2	< 20	< 10	183	< 10	10	5
4522089 Orig																		
4522089 Split PREP DUP																		
Method Blank	< 0.01	< 10	< 0.01	- 0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	2	< 2	< 20	< 10	< 1	< 10	< 1	< 1
Method Blank																		
Method Blank																		

Results

Activation Laboratories Ltd.

Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
4522076	11	< 5	< 5
4522077	9	< 5	< 5
4522078	3	< 5	< 5
4522079	3	< 5	< 5
4522080	7	< 5	< 5
4522081	< 2	< 5	< 5
4522082	< 2	< 5	< 5
4522083	47	< 5	6
4522084	6	< 5	< 5

Results

Activation Laporatories Ltd.

Analuta Sumbal	Ac	Cd	Cu	Mn	Mo	Ni	Pb	Zn	AI	As	В	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	К	La	Mg
Analyte Symbol	1 Ng	00					nnm	nom	0/	nnm	nnm	nnm	nom	nom	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	Ippin	ppm	70	ppm	10	10	0.5	0	0.01	1	1	0.01	10	1	0.01	10	0.01
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01		1	10.01	AD IOD	AD IOD	ADIOD	ADIOD	ADICD
Method Code	AR-ICP	AR-ICP	AR-ICP	AH-ICP	AR-ICP	AR-ICP	AH-ICP	AR-ICP															
4522051	0.6	< 0.5	22	557	< 1	33	10	90	1.16	10	< 10	43	< 0.5	3	0.34	110	18	12.2	< 10	<1	0.23	15	0.65
4522052	0.2	< 0.5	<1	1100	1	6	< 2	23	0.06	9	< 10	192	< 0.5	4	0.13	< 1	15	14.0	< 10	< 1	0.02	< 10	0.14
4522052	0.2	< 0.0		1000		0	1 . 2	20	0.09	5	< 10	17	< 0.5	5	0.22	1	18	13.7	< 10	< 1	0.01	< 10	0.12
4522053	< 0.2	< 0.5	< 1	1630	· · ·	0		20	0.00			104	.0.5		1 21	2	157	13.6	< 10	-1	0.21	11	0.96
4522054	< 0.2	< 0.5	<1	2960	< 1	12	4	61	1.51	< 2	< 10	104	< 0.5	3	1.31	<u> </u>	157	10.0	10	<u> </u>	0.21		0.00
4522055	< 0.2	< 0.5	< 1	798	1	12	4	13	0.02	6	< 10	47	< 0.5	5	0.18	< 1	7	14.8	< 10	< 1	0.04	20	0.12
4522055	-02	< 0.5		2900	<1	7	2	67	1,26	2	< 10	80	< 0.5	< 2	1.28	< 1	124	11.9	< 10	< 1	0.17	< 10	1.00
4522036	1 (0.2	< 0.5		0450		26	0	70	2.57	3	< 10	114	< 0.5	<2	1.89	16	137	9.70	< 10	< 1	0.35	13	1.29
4522057	< 0.2	< 0.5	/	2450	<1	36	< 2	/0	2.57		< 10		< 0.0		0.07	100		20.5	10		0.01	< 10	0.10
4522058	0.4	< 0.5	24	540	< 1	97	3	10	0.08	100	< 10	11	< 0.5	9	0.07	186	2	29.5	< 10	< 1	0.01	< 10	0.10
4522059	< 0.2	< 0.5	< 1	2130	< 1	33	< 2	15	0.71	< 2	< 10	38	< 0.5	4	2.84	13	34	16.6	< 10	< 1	0.14	24	0.53



Activation Laboratories Ltd.

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	TI	Th	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP														
GXR-1 Meas	0.058	0.037	0.17	79	< 1	162	< 0.01	7	< 2	< 20	27	66	131	17	11
GXB-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0
GXR-4 Meas	0.122	0.126	1.63	4	6	78	0.15	2	< 2	< 20	< 10	71	14	9	8
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186
GXB-6 Meas	0,122	0.035	0.02	5	21	37		1	<2	< 20	< 10	165	< 10	5	12
GXB-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110
4522054 Orig	0.226	0.074	0.33	10	5	63	0.13	< 1	<2	< 20	< 10	89	< 10	3	7
4522054 Dup	0.240	0.076	0.34	10	6	66	0.14	< 1	< 2	< 20	< 10	91	< 10	3	7

Pesults

Activation Laboratories Ltd

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Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	AI	As	В	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm							
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICF																		
4522085	< 2	< 5	< 5	< 0.2	< 0.5	54	1510	< 1	43	< 2	87	3.31	3	< 10	58	< 0.5	< 2	2.71	24	239	5.85	< 10	< 1
4522086	12	< 5	< 5	< 0.2	< 0.5	181	1270	< 1	32	< 2	50	2.81	< 2	< 10	60	< 0.5	< 2	2.87	19	181	4.55	< 10	< 1
4522087	< 2	< 5	< 5	< 0.2	< 0.5	61	1430	1	44	3	63	3.17	< 2	< 10	204	< 0.5	< 2	1.85	26	290	5.80	< 10	< 1
4522088	3	< 5	< 5	< 0.2	< 0.5	280	2020	5	35	< 2	52	3.08	< 2	< 10	62	< 0.5	< 2	2.97	20	142	7.46	< 10	< 1
4522089	< 2	< 5	< 5	< 0.2	< 0.5	217	1900	< 1	46	< 2	59	3.42	3	< 10	48	< 0.5	< 2	2.96	28	174	7.78	< 10	< 1

Pesults Activation Laboratories Ltd

Analyte Symbol	к	La	Mg	Na	Р	S	Sb	Sc	Sr	Ti	Те	TI	Th	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP																	
4522085	0.28	< 10	1.75	0.199	0.085	0.01	4	18	152	0.36	9	< 2	< 20	< 10	186	< 10	10	5
4522086	0.25	< 10	1.21	0.204	0.068	0.20	< 2	21	90	0.27	13	< 2	< 20	< 10	141	< 10	8	3
4522087	0.47	40	1.80	0.135	0.101	0.19	3	11	164	0.49	11	< 2	< 20	< 10	206	< 10	8	5
4522088	0.28	< 10	1.49	0.295	0.069	0.47	3	22	56	0.20	5	< 2	< 20	< 10	125	< 10	8	4
4522089	0.31	< 10	1.61	0.307	0.063	0.43	4	27	49	0.24	< 1	< 2	< 20	< 10	147	< 10	11	5

Daily Log for Nova Prospecting (Work by Kevin Filo and Iain Martin)

May 27/17

- Left home at 7 am and arrived at end of sand road access point at approximately 8:15 am.
- From 8:15 to approximately 10:00 time spent locating and flagging in overgrown access road into the area of interest.
- From 10:00 to about 11:30 am time spent searching swampy area (Search Area 1 on map) for an exposure with a pit in it where high grade cobalt sample taken (see appendix 1 of report for reference)
- Again in search area 1 from 11:30 till 12:30 time spent with trying to expose outcrop under dense root mat.
- From 12:30 to 1:00 a lunch break was taken.
- From about 1:00 to 2:15; this time taken to select a number of more prospective samples from a rounded exposure difficult to sample. Note, these samples(4522085 to 4522089) were not submitted in original report for credit as initially they were not thought to contain any substantial mineralization when later examined. They were however later assayed on a second thought and the certificate attached (A17-08220) for reference.
- At 2:15 samples were packaged up and a 45 minute walk to the vehicle was made. At about 3 o'clock drove home and arrived at about 4;15 pm in Timmins.

May 28/17

- Left home at 7 am and arrived at end of sand road access point at approximately 8:15 am.
- Walked in to search area 2 from about 8:15 to 9 am.
- Spent approximately one hour from about 9am to 10pm looking for old pits in and around main outcrop in search area 2.
- Spent from 10am to 12 noon with a grub hoe exposing outcrop under dense root mat for samples. During this time period also did some initial examination of exposure for more prospective samples.
- Lunch break taken from about 12 noon to 12:30.
- From 12:30 to about 2:15 time spent collecting 20 select samples, GPS co-ordinates etc. Some time also spent during this period looking for most prospective mineralized samples for selection. (see assay certs A17-05649 and A17-05646)
- From about 2:15 to 3:15 time taken to head out with a substantial weight of samples.
- Arrived at truck at 3:15 to drive home and arrive at about 4:30 in Timmins.

June 1/17

- Left home at 7 am and arrived at end of sand road access point at approximately 8:15 am.
- Walked in to search area 3 from about 8:15 to 9 am.
- From 9 to about 11 am prospected area 3 in search of reported historical pits in dense overgrown bush.
- Around 11 o'clock found old pit where sample 8 taken. About 1/2 hour spent examining samples from old pit. A type sample was taken and a sample for reference. On the way to an access road with area 3 a very overgrown trench was found. From about 11:30 to 12:15 time was spent looking within the trench for mineralization of interest.
- Lunch break was taken from about 12:15 to 1:00. A couple of samples were eventually selected for possible assay and a type sample or two.
- At 1 o'clock some heavy rainfall commenced and a walk out was initiated. Arrival at the truck was at approximately 1:45 pm. From 1:45 pm to 3:00 pm driving home to Timmins.

Samples 4522085 to 4522086

This small exposure was thought to be an exposure of fine to medium grained mafic to ultramafic rock. It had a bleached weathered surface and was black on the fresh surface. No significant mineralization was observed in these samples and hence they were not originally assayed until a later date in order to err on the side of caution.



F16#6 SAMPLE LUCATION NOVA PROPERTY 2522962 017 CLAIM 428108



40 80 120 160

F16#6 SAMPLE LUCATION NOVA PROPERTY 2522962 ONT CLAIM 4281084