

**Assessment Report on
2015 Mapping, Prospecting and Davis Tube Magnetic Test Work
Chrome-Puddy Property**

Claims 4265987, 4265988, 4254343, 4254345, 4254346, 4244587, 4265978, 4265979, 4265980
Obonga Lake Area (G-0100)/Puddy Lake Area (G-0118)
Thunder Bay South District, Thunder Bay Mining Division
UTM WGS84 Zone 16U 319833 mE, 5538575 mN
Latitude 49° 58' 20" N, Longitude 89° 30' 46" W
NTS 52H 13/14

For:
Pavey Ark Minerals Inc.
Client number 411465

Prepared by:
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January 8, 2016

Executive Summary

This assessment report documents results of mapping, prospecting and Davis Tube magnetic test work on the Chrome-Puddy property, Thunder Bay Mining Divisions, Ontario. The work targets nickel, copper, chromium and platinum group metal (PGM) mineralization in the Archean Chrome-Puddy serpentinite intrusion. Field work for this report was carried out in September 2015 and analytical work in October 2015 to January 2016. Total expenditures were \$19,274.

The Chrome-Puddy Property is located 179 km north of the city Thunder Bay, Ontario. Highway 527, a paved highway that extends north from Thunder Bay to Armstrong, is located 25 km west of the Property. Recent logging activity has created logging access roads to within 2 km from the east boundary of the Property. Access to the Property is also by float equipped aircraft that can be chartered in Armstrong.

The Chrome-Puddy Property is a contiguous property comprised of eleven patented claims covering 227 ha and 9 staked claims (4265987, 4265988, 4254343, 4254345, 4254346, 4244587, 4265978, 4265979, 4265980) totaling 51 claim units covering 816 ha. The Property is 100% owned by Pavey Ark Minerals Inc., a private Ontario Corporation.

A total of 30 samples were selected for assay. The samples were analyzed at Accurassay Laboratories in Thunder Bay for platinum, palladium and gold by fire assay (FA) using 30 g aliquots with an atomic absorption spectrometry (AAS) finish and for 30 additional elements using a multi-acid digestion procedure and inductively coupled plasma-optical emission spectrometry (ICP-OES). Two samples were over limit for Cr and were reanalyzed for major elements using a fused disk preparation procedure and X-Ray Fluorescence (XRF).

Assay results from the 2015 program document high-grade chromite values to 43% Cr₂O₃ from waste rock at the Chrome Lake minesite. A significant number of samples from the Chrome Puddy Serpentinite contain in excess of 20% Fe with Ni contents in the range of 2,000 ppm. Locally anomalous Cu values and weakly anomalous precious metal values were obtained in the serpentinite samples.

Davis Tube magnetic test work to evaluate a magnetic fraction in the Chrome Puddy serpentinite shows that a high-grade Fe concentrate with over 95% Fe+FeO+Fe₂O₃ can be magnetically separated from samples of the Chrome-Puddy Serpentinite. Several of the magnetic fractions contain in excess of 1% Ni. This suggests a relatively unique style of Fe-oxide/Ni mineralization occurs on the Chrome Puddy Property.

Further mineralogical test work is recommended to determine the mineral containing the Ni in the magnetic separates. Surface channel sampling and/or drilling of magnetically anomalous areas of the Chrome Puddy serpentinite is recommended to evaluate the potential scale of Fe-oxide/Ni mineralization in the intrusion. In addition, the Property has magmatic chromite and sulphide targets that were not evaluated in the current program.

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1.0 Introduction

This report describes the results of field mapping, prospecting, assaying and Davis Tube test work carried out on the Chrome-Puddy Property, located in the Thunder Bay Mining District, Northwestern Ontario. Field work for this report was completed by R.H. Sutcliffe, P.Geo. on September 12 to 15, 2015 and by Alex Pleson of Nipigon with 2 assistant prospectors from September 10 to 15, 2015. Assay work was carried out at Accurrassay Laboratories in Thunder Bay. Davis Tube magnetic test work and assaying was done at Agat Laboratories in Mississauga.

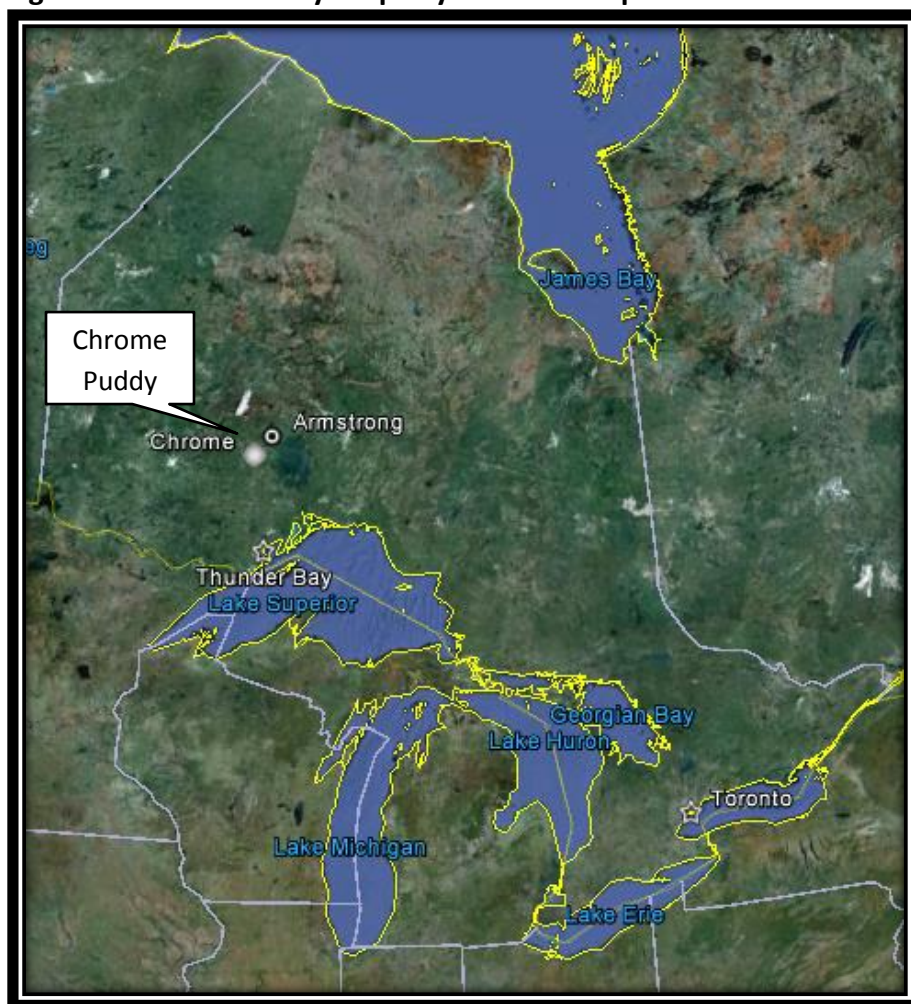
The work primarily targets iron-oxide/nickel mineralization in the Archean Chrome-Puddy serpentinite intrusion. In addition, the Property has magmatic chromite and sulphide targets that were not the focus of the current program.

2.0 Location and Access

The Chrome-Puddy Property is located in the Thunder Bay Mining District of northwestern Ontario. The property is 179 km north of the city Thunder Bay, 49 km southwest of the town of Armstrong Station, and 1,043 km northwest of Toronto, Ontario (Figure 1). Highway 527, a paved highway that extends north from Thunder Bay to Armstrong, is located 25 km west of the Property. Recent logging activity has created logging access roads to within 3.5 km of Chrome Lake and 2 km from the east boundary of the Property. The logging road access route to the property is from the "Obonga Lake Road" which is a signed gravel road west of highway 527 and located 30 km south of Armstrong Station. The logging roads are not maintained. A hiking trail has been established to connect the logging roads with Chrome Lake.

Access to the Property is also by float equipped aircraft that can be chartered in Armstrong. Puddy Lake on the west side of the property is best suited for aircraft landings. For this report, the logging roads and the trail system were used to access the property.

Figure 1. Chrome-Puddy Property Location Map



Source Google Earth 2013

3.0 Claim Holdings and Property Disposition

The Chrome-Puddy Property (Figure 2) is a contiguous property comprised of eleven patented claims covering 560.45 acres (226.81 ha) and 9 contiguous staked claims (4265987, 4265988, 4254343, 4254345, 4254346, 4244587, 4265978, 4265979, 4265980) totaling 51 claim units for a total of 2,016 acres (816 ha) as described in tables 1 and 2. The Property covers approximately 90% of the Chrome-Puddy Serpentinite and the major known mineral occurrences in the serpentinite. A claim map is provided as Map 1 and a sketch showing contiguity is shown in Figure 2.

In the present program a limited amount of work was completed on patents TB8814 and TB9294.

Table 1. List of Patented Claims comprising the Chrome Property

Patent Number	Recorded Claim Number	Area (acres)	Area (hectares)
TB 8420	TB 14414 & TB14413	88.55	35.84
TB 8421	TB 14415	50.91	20.60
TB 8422	TB 14412	33.90	13.72
TB 8423	TB 10835	66.41	26.88
TB 8424	TB 10836	69.24	28.02
TB 8425	TB 10826	44.63	18.06
TB 8426	TB 10827	41.87	16.94
TB 8427	TB 10828	31.88	12.90
TB 8428	TB 10883	17.83	7.22
TB 8814	TB 8814	74.67	30.22
TB 9294	TB 19207	40.56	16.41
		Total 560.45	226.81

Table 2 List of Staked Claims comprising the Puddy Property

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
OBONGA LAKE AREA	4244587	2012-Oct-22	2016-Jan-12	A	100 %	\$ 800	\$ 800	\$ 0	\$ 0
OBONGA LAKE AREA	4254345	2012-Nov-27	2016-Jan-27	A	100 %	\$ 2,400	\$ 2,400	\$ 0	\$ 0
OBONGA LAKE AREA	4254346	2012-Nov-27	2016-Jan-27	A	100 %	\$ 3,200	\$ 3,200	\$ 50	\$ 0
PUDDY LAKE AREA	4254343	2012-Nov-27	2016-Jan-27	A	100 %	\$ 4,000	\$ 4,000	\$ 0	\$ 0
PUDDY LAKE AREA	4265978	2013-Mar-21	2016-Mar-21	A	100 %	\$ 400	\$ 400	\$ 0	\$ 0
PUDDY LAKE AREA	4265979	2013-Mar-21	2016-Mar-21	A	100 %	\$ 400	\$ 400	\$ 0	\$ 0
PUDDY LAKE AREA	4265980	2013-Mar-21	2016-Mar-21	A	100 %	\$ 400	\$ 400	\$ 0	\$ 0
PUDDY LAKE AREA	4265987	2012-Oct-22	2016-Jan-12	A	100 %	\$ 6,000	\$ 6,000	\$ 494	\$ 0
PUDDY LAKE AREA	4265988	2012-Oct-22	2016-Jan-12	A	100 %	\$ 2,800	\$ 2,800	\$ 0	\$ 0

4.0 Previous Work

Historically, exploration and development in the eastern portion of the Chrome-Puddy serpentinite has targeted chromite, while the western portions of the intrusion have been explored for nickel and precious metals. Historic exploration activity on the property, as documented by Puumala et al. (2012) is summarized below.

Chromite was first discovered in the vicinity of Chrome Lake in 1928 by W.K. Keefe and R.A. MacDonald who staked the occurrence and transferred ownership to Golden Centre Mines Inc. of New York. In 1930 Consolidated Chromium Corporation, a subsidiary of Golden Centre Mines, began development work, including stripping, trenching, drilling and shaft sinking. The shaft was sunk to a depth of 350 feet, with levels at 100 and 225 feet. Operations ceased in late fall of 1930 and did not resume until 1933, when new owner Chromium Alloy Co. sent 70 tons of ore to Niagara Falls, New York, for beneficiation tests. Chromium Mining and Smelting Corp.

Ltd. was formed and took control of the property in 1934 and re-commenced operations in 1936. Underground work was discontinued in 1937 because of poor ore recovery, and all activities on the site ceased in 1938. The Chrome property has been inactive since 1938.

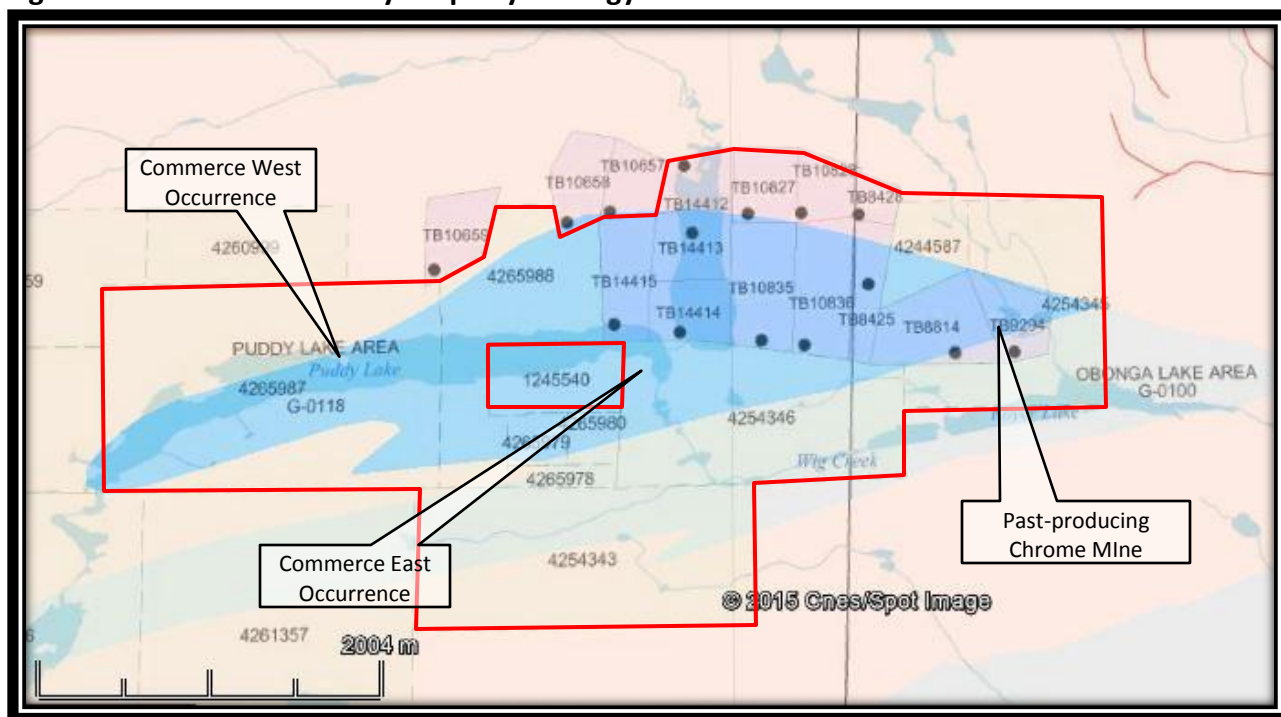
Between 1964 and 1967, Commerce Nickel Mines carried out the first significant exploration program targeting nickel in the western portion of the Puddy serpentinite, including trenching, geological mapping, geochemical and geophysical surveys and diamond drilling (24 diamond-drill holes, totalling 5,590 feet). Between 1967 and 1968, Newmont Mining Corp. of Canada completed trenching, electromagnetic surveying and diamond drilling (10 holes, totalling 3106 feet). By the mid- to late-1980s, the area began to receive attention for its PGE potential. Between 1985 and 1993, K. Kuhner carried out prospecting, outcrop stripping, surface sampling and ground geophysical surveys on claims located on the south side of Puddy Lake. The property was transferred to Obongo Precious Metals Ltd. in 1993, and Obongo completed approximately 20 diamond-drill holes between 1993 and 1996. Imperial Platinum Corp. carried out geological mapping, sampling and ground geophysical surveys in 1987 and 1988 over an adjacent property encompassing areas west, north and southeast of Puddy Lake. The most recent exploration activity includes ground magnetic and electromagnetic surveys conducted by Vale Inco Ltd. in 2007 over a property covering the western half of the Puddy Lake serpentinite that identified a number of east west trending conductors, particularly north of Puddy Lake. D. Plumridge has carried out prospecting and sampling of a claim near the southeast end of Puddy Lake since 2004. Pavey Ark Minerals Inc reported results of mapping, portable XRF analysis and prospecting in 2014.

Samples analyzed by the Government Resident Geologist's Office in Thunder Bay (Lavigne et al. 1991) revealed values as high as 5.02% Cu, 2.1% Ni, 0.42 g/t Au, 1.5 g/t Pt and 3.75 g/t Pd. Obonga Precious Metals also reports several high PGM values including up to 2.6 g/t Ru, 1.1 g/t Rh, 1.3 g/t Os, and 1.3 g/t Ir.

5.0 Geology

The Chrome-Puddy Property is located in the Obonga metavolcanic and metasedimentary greenstone belt of the Archean Superior Province. The Obonga greenstone belt is a relatively small (approximately 10 x 40 km) greenstone belt, situated between the Sturgeon-Savant belt on the west and the Onaman-Tashota belt to the east, and has been considered to be part of the Wabigoon Subprovince (Percival and Stott 2000).

Figure 2. Chrome-Puddy Property Geology and Claims –



Pavey Ark Chrome Puddy Property outlined in red

Source: MNDM CLAIMaps, 2015

The Chrome Puddy Property is underlain by the Chrome-Puddy Serpentinite Intrusion that is exposed for 7 km along strike and is approximately 1 km in width (Figure 2). Whittaker (1986) reports that rocks of the intrusion include dunite, peridotite, and minor pyroxenite, all of which are serpentinized. Medium-grained, biotite tonalite bounds the Serpentinite to the north. South of Puddy Lake, the Serpentinite intrusion is bound by mylonite and mixed metasedimentary and granitic rocks. North-striking and east-striking diabase dikes of probable middle Proterozoic age cut the Serpentinite.

The ultramafic rocks have been completely altered to serpentine, talc, chlorite, carbonate, magnetite, and amphibole. The alteration, metamorphism and deformation of the serpentinite has made the interpretation of protoliths in the intrusion difficult (Graham 1930; Hurst 1931; Simpson and Chamberlain 1967; Whittaker 1986). Although no ultramafic rocks with primary mineralogy remain, the original rock types in some areas can be inferred with some confidence by comparison with the results of studies on known types of serpentine pseudomorphs (Wicks and Whittaker 1977).

6.0 Mapping Program

Geological mapping (Map 2) was conducted by R.H. Sutcliffe during the period Sept 12 to 15, 2015. Mapping was done by bush traverses. Outcrop exposure is limited in the area of the serpentinite due to bouldery overburden and heavy vegetation but is enhanced along the lake

shores and along creek beds. Outcrops were located by a handheld Garmin Etrex GPS receiver and plotted on a digital map base map downloaded from the MNDM CLAIMaps application. <http://www.geologyontario.mndmf.gov.on.ca/website/claimapsiii/viewer.asp>

6.1 Amphibolite

Foliated amphibolite (Unit 1a) on the property consists of amphibolite that is probably derived from mafic metavolcanic rocks. Amphibolite outcrops are localized at the east end of the Chrome-Puddy serpentinite near Scalp Creek. Amphibolite also occurs as inclusions in foliated and gneissic tonalite.

6.2 Biotite Schist

Strongly foliated biotite schist (unit 2a) of possible metasedimentary origin occurs south of the Chrome-Puddy serpentinite south of Puddy Lake and at the east end of the serpentinite at Scalp Creek. This unit is “flaggy” weathering and may possibly be a mylonite zone that forms the southern contact of the serpentinite.

6.3 Chrome-Puddy Serpentinite

The Chrome Puddy intrusion (unit 3a) is highly serpentinized. The primary lithologies are difficult to determine due to the high degree of alteration, however, relict pegmatitic pyroxene grains were observed along the northern portion of the Commerce NW showing. Highly talcose outcrop located at the east end of the Serpentinite are interpreted to represent altered dunite. The identification of ultramafic rocks was generally easy as the weathering of the Puddy Lake intrusion commonly results in rusty outcrops with “elephant skin” texture.

The northern end of Chrome Lake has outcrops with distinct podiform chromite layers. Possible spinifex-like texture was observed along the northern shore of Puddy Lake at the Commerce East occurrence

6.4 Tonalite

Strongly foliated biotite tonalite (Unit 4a) occurs north of the Chrome-Puddy serpentinite in the vicinity of Scalp Creek.

6.5 Diabase Dikes

Diabase dikes intrude the Archean rocks. Based on a linear magnetic feature, a major 020° trending dike is interpreted to intrude the serpentinite at Chrome Lake. A massive, brick-red, porphyritic felsite dike intrudes the sedimentary rocks at the east end of the serpentinite at Scalp Creek.

6.6 Structure

The data indicate that the east end of the Chrome-Puddy intrusion has a moderate (approximately 45°) south-dipping orientation. North of the interpreted contact of the serpentinite, the host rocks are biotite tonalite with a strongly penetrative foliation that has a moderate to shallow, southwest dip. Underground workings at the #1 shaft of the Chrome Lake Mine also document that both the northern and southern contacts of the serpentinite dip south at approximately 45° (Hurst, 1931).

Approximately 100 m south of the Chome Lake mine waste dump, the serpentinite-tonalite contact appears to be truncated by an east-west trending mylonite zone that dips at approximately 45° south.

7.0 Assay Program Results

A total of 30 (thirty) samples were selected for assay. The samples were analyzed at Accurassay Laboratories in Thunder Bay. Sample locations and descriptions are provided in appendix 1 and Accurassay results are reported in appendix 2. Sample locations are also provided on Map 2.

All samples were dried, crushed, split and pulverized. All 30 samples were analyzed for platinum, palladium and gold by fire assay (FA) using 30 g aliquots with an atomic absorption spectrometry (AAS) finish. The samples were also analyzed for 30 additional elements using a multi-acid digestion procedure and inductively coupled plasma-optical emission spectrometry (ICP-OES).

Two samples (1192164 and 1192165) were overlimit for Cr using the ICP-OES technique. These samples were reanalyzed by Accurassay for major elements using a fused disk preparation procedure and X-Ray Fluorescence (XRF).

Noteable results included:

- 1) Samples 1192164 and 1192165 from the north and south waste piles, respectively, of the Chrome Mine that assayed 43.45% Cr₂O₃ and 34.64% Cr₂O₃ respectively;
- 2) A significant number of samples from the Puddy Serpentinite contain in excess of 20% Fe with Ni contents in the range of 2,000 ppm;
- 3) One serpentinite sample (1192154) contained anomalous Cu of 2,055 ppm;
- 4) Only weakly anomalous result for Au, Pt, Pd were obtained in the current program.

The present mapping and assaying program did not determine a cause of the EM conductor north of Puddy Lake that is observed in airborne and ground surveys.

8.0 Davis Tube Test Work Results

Ten samples of magnetite bearing serpentinite from the 2014 sampling program with nickel values greater than 1,600 ppm were selected for Davis Tube test work at Agat Laboratories in Mississauga. Davis Tube electromagnetic separators create a magnetic field which is able to

extract magnetic particles from pulverized rock. With this instrument the percentage of magnetic and non-magnetic material in a sample may be determined.

A 30g aliquot of pulp sample is gradually added to the cylindrical glass tube which oscillates at 60 strokes per minute. As the sample progresses down the inclined tube the magnetic particles are captured by the magnetic field. Wash water flushes the non-magnetic fraction out of the tube until only the magnetic fraction remains. Both the magnetic and non-magnetic fractions are dried and weighed to determine the percentage of magnetics in each sample.

After separation, the magnetic fraction was analyzed for metallic Fe, Fe₂O₃, FeO, Ni, Pt, Pd and Au. Metallic Fe and FeO were determined by titration, Fe₂O₃ was determined by inductively coupled plasma-mass spectrometry (ICP-MS), and Ni was determined by sodium peroxide fusion using an ICP-OES finish. Pt, Pd, and Au was determined by fire assay with ICP-OES finish. Results for Fe, Fe₂O₃, FeO, Ni are summarized in Table 3 and the assay certificate are provided in appendix 3.

Table 3. Summary of Davis Tube test work and assays

		Whole Rock Assay Results			Davis Tube Magnetic Fraction Assays				
Sample #		Fe%	Mg%	Ni ppm	wt% magnetics	Metallic Fe	Fe ₂ O ₃	FeO	Ni %
CP-101		48.77	5.14	9,376	77.90	0.15	69.10	27.60	1.21
CP-104		36.92	6.92	2,646	58.50	0.27	80.40	15.90	0.46
CP-105		33.14	7.47	1,785	57.20	0.19	77.30	15.60	0.28
CP-107		33.54	8.76	1,894	51.10	0.25	71.10	25.20	0.28
CP-108		42.35	6.20	4,601	49.40	0.21	72.50	23.50	1.03
CP-109		35.18	8.52	6,336	70.50	0.21	69.70	25.80	0.73
CP-111		60.87	3.37	13,903	87.80	0.15	67.40	26.80	1.65
CP-112		22.56	8.99	3,252	32.20	0.20	63.60	27.20	0.98
CP-113		40.96	6.91	8,196	64.90	0.14	63.00	27.20	1.34
CP-114		8.39	>10	1,685	5.02	10.50	33.60	17.60	0.31

The Davis Tube test work shows that a Fe-rich magnetic concentrate with up to 1.65% Ni can be obtained from the magnetite bearing serpentinite. Samples CP-108 and -109 contained anomalous precious metals in the magnetic concentrate with combined Au+Pd+Pt of 0.346 g/t and 0.266 g/t respectively.

9.0 Conclusions and Recommendations

The western part of the Chrome Puddy Serpentinite is a pervasively altered ultramafic intrusion with elevated Fe and widespread magnetite content that occurs as veins and disseminations. The present mapping and assaying program did not determine a cause of the EM conductor north of Puddy Lake that is observed in airborne and ground surveys.

Assay results from the 2015 program document high-grade chromite values of 35% to 43% Cr_2O_3 from waste rock at the Chrome Lake minesite. A significant number of samples from the Chrome Puddy Serpentine contain in excess of 20% Fe with Ni contents in the range of 2,000 ppm. Locally anomalous Cu values and weakly anomalous precious metal values were obtained in the serpentine samples.

Davis Tube test work to evaluate a magnetic fraction in the Chrome Puddy serpentine shows that a high-grade Fe concentrate with over 95% Fe+FeO+ Fe_2O_3 can be magnetically separated from samples of the Chrome-Puddy Serpentine. Several of the magnetic fractions contained in excess of 1% Ni. This suggests a relatively unique style of Fe-oxide/Ni mineralization occurs on the Chrome Puddy Property.

Further mineralogical test work is recommended to determine the mineral containing the Ni in the magnetic separates. Surface channel sampling and/or drilling of magnetically anomalous areas of the Chrome Puddy serpentine is recommended to evaluate the potential scale of Fe-oxide/Ni mineralization in the intrusion.

Richard Sutcliffe
January 8, 2016

10.0 References

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11.0 Statement of Qualifications

I, Richard H. Sutcliffe, of 100 Broadleaf Crescent, Ancaster, Ontario, do hereby certify that:

I am a graduate of University of Toronto (B.Sc. Geology, 1977, M.Sc Geology 1980), and a graduate of University of Western Ontario (Ph.D. Geology, 1986) and I have been practising my profession as a geologist since.

I am a member with the Association of Professional Geoscientists of Ontario (#852).

I have direct knowledge of the exploration work performed for this assessment and I am indirectly the owner of the claims on which the work was performed.

Signed

"R.H. Sutcliffe"

Richard H. Sutcliffe, Ph.D., P.Geo.

January 8, 2016

Ancaster, Ontario

Appendix 1 Sample Locations and Descriptions

Sample ID	Sampler	Easting	Northing	Description
1192153	AP	319615	5537936	East Commerce occurrence, carbonate alteration, ultramafic pinkish purple, moderately fractured with magnetite blebs localized to fractures. Strongly magnetic
1192154	AP	319412	5538016	brownish with white carbonate (+talc?) alteration, moderately fractured with malachite staining on fractures, tr cpy in fractures
1192155	AP	319432	5537918	sampled Commerce East occurrence, magnetite veins next to previous sample tag 360, 40% massive magnetite with green, talcy serpentinite vein, main vein is 35cm wide but entire outcrop has propagating fractures throughout of magnetite
1192156	AP	319456	5537925	follow up on Au anomaly from 2014 sampling, green oxidized serpentinite with v.f.g diss py up to 2%, massive serpentinite, not noteable structure other than late stage fractures
1192157	AP	318791	5537530	Area of EM conductor south of Puddy, metasediment, dark black, strongly foliated, with f.g. diss po up to 3%
1192158	AP	319503	5538046	blue tinge, altered ultramafic, with reddish purple inclusions of similar ultramafic tr po, 1% diss magnetite and 2% magnetic veinlets in up to 3mm wide fractures
1192159	AP	319420	5537916	serpentinite, green, with magnetite veins and stylolitic fracture workings, vein is 2cm wide with mm scale fractures that have propagated throughout, <8% magnetite in sample
1192160	AP	319493	5538049	green (serpentinite) ultramafic with strong fractures filled with magnetic crystal growth perp to vein wall, 7% magnetite, <1% diss magnetite, altered to serpentinite
1192161	AP	318827	5537430	foliated tonalite, 1% diss py, quartz grains are subhedral, light degree of deformation, slight magnetite with <1% po, mainly magnetic at po grains
1192162	AP	318837	5537345	slightly sheared, dark grey to black, metasedimentary rock, 10% fine to very fine grained biotite, very gossaned surface yet only tr py, relic quartz grains, rusty yellow eyes up to 2mm wide
1192163	AP	318837	5537345	sheared metased, similar to 162 sample, however, 10% of sample is quartz veins from a stockwork, veins are up to 5mm wide with 1% py near margins, and minor po associated with py, quartz is milky white in colour
1192164	RS	321469	5538313	N. Waste, Sample of chromitite
1192165	RS	321444	5538266	S. Waste, Sample of chromitite
1192166	RS	319434	5537920	Commerce East Showing, Serpentinite, carbonatized, magnetite veinlets
1192167	RS	319418	5537912	Commerce East Showing, Trench, Serpentinite, carbonatized, magnetite veinlets
1192168	RS	319422	5537909	Magnetite vein sample (selected vein), previous metallic sample tag 3604 (Kuhner?)
1192169	RS	319353	5537949	1 to 2 cm wide, magnetite vein in serpentinite
258401	MG	319602	5537937	brownish ultramafic with carb alteration or talc? Tr py and <1% po, fine grained associated with fractures
258402	MG	319492	5538047	green ultramafic with 5% magnetite veins, strongly magnetic

258403	MG	319475	5538039	ultramafic, slight red tinge to dark fine grained, with red (hematite?) nodules/eyes, <1% malachite stained in late stage fractures should have elevated Cu, possible PGE sample, <1% diss po, tr cpy
258404	MG	319123	5538647	ultramafic, dark fine grained with strong sulphide associated with wavy fracture in sample, 2% po, tr py, magnetic
258405	MG	318863	5538316	ultramafic, dark green, medium grained with soapish light powder on fresh surface, tr py, 1% po, tr magnetite? Magnetic
258351	PH	319825	5538062	ultramafic (dark, fine grained, with fine grain diss sulphides, tr py
258352	PH	319612	5537948	purplish ultramafic? Sampled on east side of Puddy, north of rapids/creek mouth, fine grained with chalky carb alt? tr py, 0.5-1% po, very weakly magnetic
258353	PH	319439	5537930	green ultramafic rock with 6% magnetite veins, very lime green, strongly magnetite, fine grained diss mag <1%
258354	PH	319375	5537943	similar rock to 353 except with 4% magnetite associated to small 1-2mm wide fractures, outcrop is highly weathered and fractured, talus
258355	PH	319325	5537927	western extent of outcrop with 5% magnetite in green ultramafic, mainly associated to small fractures, other sulphides <1% fine diss, mostly po?
258356	PH	318872	5538348	dark green ultramafic, with po/sulphide (3%) associated with large irregular altered fracture zones in outcrop
258357	PH	318973	5538262	dark green to black fine grained with some black medim grained minerals, 1% po fine grained diss throughout, only outcrop in large boulder section on northside of Puddy
258358	PH	319197	5538274	dark fine to medium grained ultramafic rock, slight soapy chalky texture is blebs of medium to coarse grained po, (<2%)
CP-101		316784	5537855	Magnetite veins, Commerce NW occurrence, interconnected magnetite veinlets ranging from 0.5 to 3 cm in white u/m, 75% magnetite
CP-104		319353	5537948	Magnetite veinlets, 60% magnetite
CP-105		319361	5537955	Serpentinite with 25% magnetite veinlets, veinlets range from 1-2cm in width, hosted within apple green serpentinite
CP-107		319433	5537918	Serpentinite with 15% magnetite veinlets, range from 1-2cm in width, hosted within apple green serpentinized u/m.
CP-108		319422	5537919	Magnetite veinlets 75%, magnetite is coated with black non-metallic minerals (rusty/weathered silicates?)
CP-109		319450	5537934	Serpentinite with 5% magnetite, magnetite occurs as unusually fine wisps (mm thin, 2 cm long) within heterogenously coloured (altered) u/m.
CP-111		317720	5538124	Magnetite vein, 95% magnetite, sample collected 85m west of Commerce NW Occurrence along the north shore Puddy Lake. Sample is a massive weathered-out magnetite veinlet.
CP-112		317790	5538154	Ultramafic, with 20% magnetite, Limonite-serpentine-carbonate altered ultramafic that exhibits ~1cm thick semi-continuous veinlet of magnetite. Coarse-grained relict pyroxene(?) grains are evident

				within the weathered surface but absent in fresh surface which is characterized by a pervasive limonite altered fine-grained alteration.
CP-113		317801	5538180	Magnetite vein, 65% magnetite, sample collected from friable outcrop of serpentine altered UM outcrop.
CP-114		321402	5538290	Suspected chromitite collected from the assay shop at Chrome Lake Mine.

Appendix 2 Analytical Certificates – Accurassay Laboratories

See attachment

Appendix 3 Analytical Certificates – Agat Laboratories

See attachment

Appendix 4 Expenditures

Item	Unit cost	Units	HST	Total
Prospector and 2 Assistants				
Alex Pleson with Phil Houghton, Mike G., mob/demob from Nipigon, camp, meals, 2 ATV rental, chainsaw rentals, Sept 10 to 15, 2015		6 days	\$931.45	\$8,811.45
Geologist – R. Sutcliffe				
Field work – Sept 12 to 15, 2015	\$650/day	4	338.00	2,938.00
Reporting – Jan 4, 5, 6, 2016	\$650/day	3	253.50	2,203.50
Analytical				
Accurassay 30 samples – dry, crush, pulp, PG1 (Pt,Pd,Au), MA1 & ICP-OES	\$33.35/sample	30	130.07	1,130.57
Accurassay – 2 samples whole rock XRF	\$28/sample	2	7.28	63.28
Agat Laboratories 10 samples- Davis Tube tests, Fe,Ni,Pt,Pd, Au			213.85	1,858.85
Meals and Accomodation				
Meals Sept 12 to 15, 2015	\$35/day	4		140.00
Travel				
Field Vehicle – Ancaster/Armstrong/Ancaster	0.55/km	3,128 km		1,720.40
Armstrong/Obonga/Armstrong	0.55/km	120 km		66.00
Office and General				
Terranet – PIN documents			2.72	32.07
Communication				
Roadpost – Sat phone rental and airtime			35.61	309.51
Grand Total				\$19,273.63