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2017 REPORT OF PHYSICAL WORK ON THE BOSTON CLAIMS BOSTON AND OTTO TOWNSHIPS, ONTARIO

NTS 41P10

June 5, 2017

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1.0 INTRODUCTION

This report has been prepared by Canadian Gold Miner Corp. to document of a reconnaissance mapping and sampling program on the Boston Property located in Boston and Otto townships completed between May 8 and 10, 2017. The visit was conducted to investigate and evaluate the property for prospective gold mineralization associated with a number of previously explored but undocumented trenches.

2.0 PROPERTY LOCATION, ACCESS, AND DESCRIPTION

The Boston Property of the Canadian Gold Miner Corp. (CGM) consists of 3 mining claims located in northeast Otto Township, and 11 mining claims across the middle of Boston Township, for a total 14 claims consisting of 81 units covering approximately 1294 ha (Fig. 1, Table 1). The claims are registered under, and owned 100% by, Canadian Gold Miner Corp. (client number 412952).

The claims can be accessed from highway 122 and via Dane Road which exits to the east of the highway and crosses Boston Township and provides access to the old Adams Mine. Secondary logging roads exiting to the north and south of the Dane Road, north-trending high tension power line, and the Ontario Northland Railway provide further access to the claims.

Table 1: List of claims composing the Boston Property

Township	Claim Number	Due Date	Area (ha)	Units	Mining Div.
BOSTON	4266043	2017-Jun-08	4	1	Larder Lake
BOSTON	4266045	2017-Jun-08	77	5	Larder Lake
BOSTON	4268129	2017-Jun-08	12	1	Larder Lake
BOSTON	4278685	2018-Jul-13	82	5	Larder Lake
BOSTON	4278686	2018-Jul-13	269	16	Larder Lake
BOSTON	4278687	2018-Jul-13	253	16	Larder Lake
BOSTON	4278688	2018-Jul-13	218	14	Larder Lake
BOSTON	4278689	2018-Jul-13	62	4	Larder Lake
BOSTON	4283406	2017-Jun-08	22	1	Larder Lake
BOSTON	4283408	2017-Jun-08	19	1	Larder Lake
BOSTON	4283410	2017-Jun-08	84	5	Larder Lake
OTTO	4268120	2017-Jun-08	17	1	Larder Lake
OTTO	4283404	2017-Jun-08	31	2	Larder Lake
OTTO	4283405	2017-Jun-08	109	7	Larder Lake

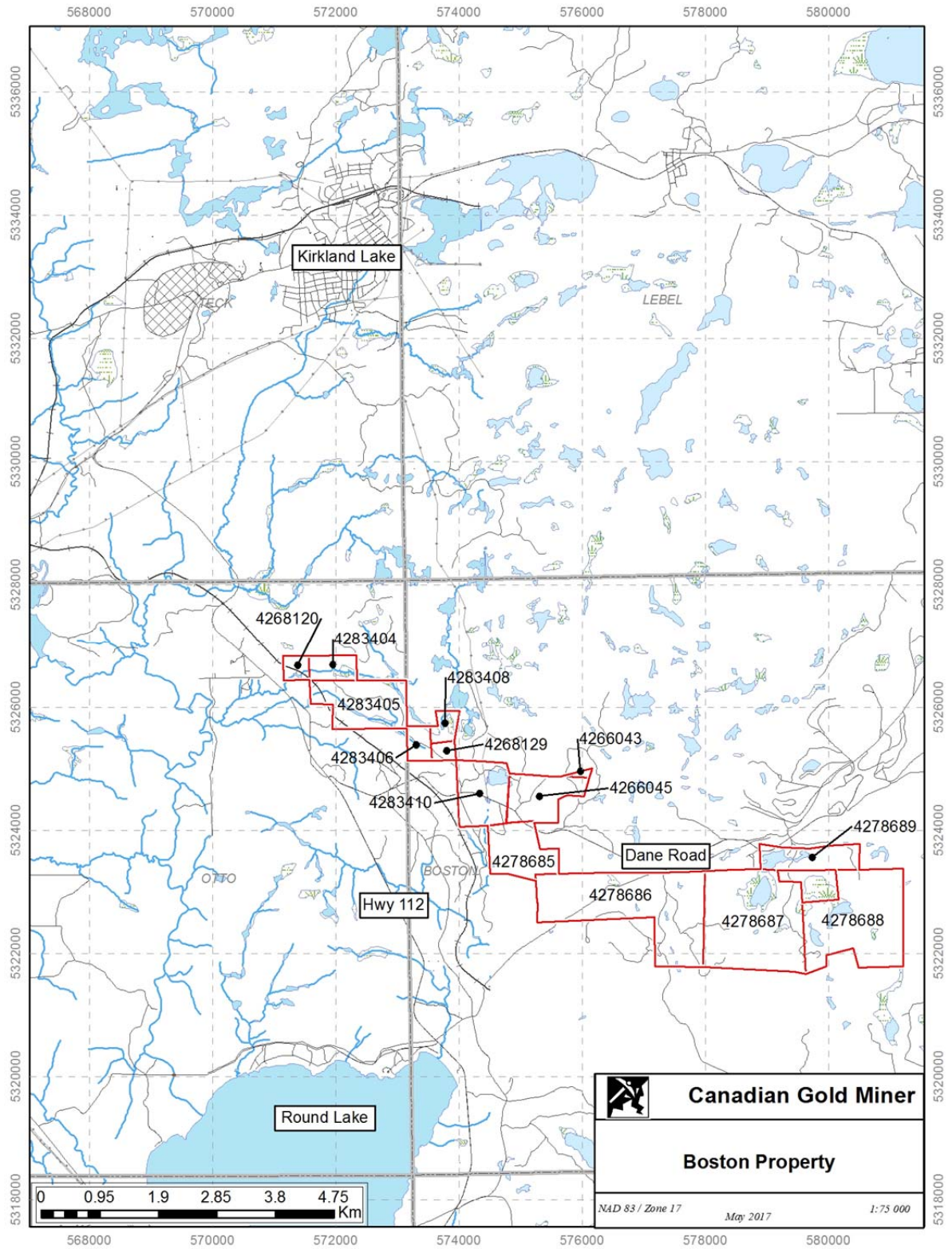


Figure 1: Location of the Boston Property

3.0 PREVIOUS WORK

The first discovery of gold in the Kirkland Lake area was on the west shore of Otto Lake in Otto Township in 1906 (Lovell 1972). There are few records of the work completed on the Boston Property claims other than the work reported by Burrows and Hopkins (1916, 1921) and trenches and pits shown on the maps of Lawton (1957) and Ramsden, Lovell and Lawton (1966). The later maps also provide some indication of the work completed on the claims that formed part of the lease parcels associated with the exploration and exploitation for iron. Most of the historical record centres on the work completed on the claims located in Boston Township (Table 2).

Table 2: Summary of previous work

Year	Author	Company	Townships	Description
1916	Burrows and Hopkins (1916)	Ontario Geological Survey		geological mapping and a report covered the Boston Creek Gold Area for the Ontario Bureau of Mines
1921	Burrows and Hopkins (1921)	Ontario Geological Survey		an update on the 1916 report covering the Boston - Skead Gold Area for the Ontario Bureau of Mines
1957	Lawton (1957)	Ontario Geological Survey		Geology of Boston Township and part of Pacaud Township for the Ontario Dept. Mines
1965	Burke (1965)	Marshall Boston Iron Mines Ltd.	Boston	a total of 5 drill holes totalling 246 m were completed on a property overlapping portions of claims 4278687 and 4278689; no assays were reported; AFRI Number 32D04SW0375 (30)
1966	Ramsden et al (1966)	Ontario Geological Survey		geology of Otto Township (north half) for the Ontario Geological Survey
1969	Lovell (1969)	Ontario Geological Survey		a preliminary map of the geology of Otto Township and northern part of Marquis Township for the Ontario Dept. Mines
	Ramsden et al (1969)	Ontario Geological Survey		geology of Otto Township and the northern part of Marquis Township for the Ontario Geological Survey
1971	Hobbs and Marshall (1971)	Marshall Boston Iron Mines Ltd.	Boston	a drill program was completed on property forming a property overlapping portions of claims 4283408, 4283406, 4283410, and 4266045; none of the drill holes were located on the current claims.; AFRI Number 32D04SW0336 (63.3094)
1972	Hobbs (1972)	Marshall Boston Iron Mines Ltd.	Boston	a drill program was completed on property forming a property overlapping portions of claims 4283408, 4283406, 4283410, and 4266045; none of the drill holes were located on the current claims.; AFRI Number 32D04SW0338 (2.836)
	Lovell (1972)	Ontario Geological Survey		the geology of the Eby and Otto area for the Ontario Department of Mines and Northern Affairs
1977	Parsons (1977)	G E Parsons	Boston	a program of geological mapping, ground magnetic and radiometric surveys was completed on a property that overlaps portions of claim 4283408; AFRI Number 32D04SW0857 (2.2442)
1978	Parsons (1978)	G E Parsons	Boston	a radiometric survey using a scintillator was completed in the same property as the VLF-EM survey in 32D04SW0331; AFRI Number 32D04SW0333 (2.2920)

Year	Author	Company	Townships	Description
	Parsons (1978)	G E Parsons	Boston	a ground magnetic survey was completed in the same property as the VLF-EM survey in 32D04SW0331; AFRI Number 32D04SW0335 (2.2608)
1979	Ploeger et al (1979)	Ontario Geological Survey		assessment data compilation of Boston Township for the Ontario Geological Survey
	Ploeger et al (1979b)	Ontario Geological Survey		assessment data compilation of Otto Township for the Ontario Geological Survey
1980	Oliver (1980)	Dominion Foundries and Steel	Boston	report on the results of a bulk sample test of the iron ore from the Adams Mine; AFRI Number 32D04SW0330 (2.3450)
	Parsons (1980)	G E Parsons	Boston	a VLF-EM survey was completed in a property overlapping a portion of claim 4266045; AFRI Number 32D04SW0331 (2.3277)
	Stone, J.F. (1980)	Minorex Ltd.	Otto	A program of detailed geological mapping at a scale of 1 inch to 200 feet, a horizontal shoot back electromagnetic survey, and a gamma ray spectrometer survey were completed on a property that overlapped with portions of claims 4283405 and 4283404; AFRI Number 42A01SE8905 (2.3542)
1981	Brewster, N.E. (1981)	Marshall Boston Iron Mines Ltd.	Boston	9 claim north group (overlapping portions of claims 4283408 and 4283406) and a 9 claim south group (overlapping claims 4278687, 4278688, 4278689); sampling of a quartz vein on the south group returned an average assay of 0.541 oz. gold across an average width of 1.32 ft. through a distance of 106 feet; and a second vein returned an average assay of 0.623 oz. gold across an average width of 0.80 ft. through 131 feet. Drill hole 72-G-I returned an average assay of 0.070 oz. Au and 0.130 oz. Ag across 5 ft. including 0.22 oz. Au and 0.13 oz. silver over 1.0 ft.; AFRI Number 32D04SW0320 (63.3938)
	MacMichael, T.P. (1981)	Marshall Boston Iron Mines Ltd.	Boston	a VLF-EM survey was completed on a property overlapping a portion of claim 4278687 and 4278688; AFRI Number 32D04SW0856 (2.3766)
1982	Forbes (1982)	Shiningtree Gold Resources Inc.	Boston	a ground magnetic survey that overlaps portion of claims 4278688 and 4278689; AFRI Number 32D04SW0315 (2.5050)
1983	Eriz Magnetics Affiliates (1983)	Marshall Minerals Corp.	Boston	test of the concentration of magnetite by wet drum magnetic separation was completed on a property overlapping portions of claims 4283408, 4283406, 4283410, and 4266045.; AFRI Number 32D04SW0310 (63.4113)
	Grant, J. (1983)	Marshall Minerals Corp.	Boston	a ground magnetic survey was completed on a property overlapping claims 4278687 and 4278688; AFRI Number 32D04SW0312 (2.6170)
	Forbes (1983)	Shiningtree Gold Resources Inc.	Boston, Pacaud	the data for the ground magnetic and VLF-EM surveys completed by Canadian Nickel Company covering most of the claims located in Boston Twp.; AFRI Number 32D04SW0314 (2.5774)
1984	Manson (1984)	Canadian Nickel Company	Boston, Pacaud	During May 27 - September 15, 1984, Canadian Nickel Company Limited carried out a geological mapping and geochemical sampling program followed by limited induced polarization surveys and diamond drilling of selected geological / geophysical targets covering most of the claims located in Boston Twp.; drilling failed to intersect greater than anomalous assay results.; AFRI Number 32D04SW0307 (2.7402)
	Persalj, R. (1984b)	Shiningtree Gold Resources Inc.	Boston	a 246 ft. (75 m) diamond drill hole completed by Canadian Nickel and located in claim 4278686 returned a best interval of 0.27 g/t Au.; AFRI Number 32D04SW0317 (36)
	Persalj, R. (1984)	Shiningtree	Boston	a 21 m diamond drill hole completed by Canadian Nickel Company

Year	Author	Company	Townships	Description
		Gold Resources Inc.		returned no anomalous assays.; AFRI Number 32D04SW3110 (35)
1985	Shenandoah Resources (1985)	Shenandoah Resources Ltd.	Boston, McElroy	a single claim located in the northeast corner of claim 4278688 was included in a larger property located separately in McElroy Township; AFRI Number 32D04SW0175 (2.8739)
1990	Leonard (1990)	J Walls	Otto	a report on the building stone potential in the Otto stock overlaps portions of the Otto Twp. claims.; AFRI Number 42A01SE0105 (63.5997)
1995	Jackson (1995)	Ontario Geological Survey		a preliminary map of the Precambrian geology for the Ontario Geological Survey
	Jackson (1995b)	Ontario Geological Survey		a preliminary map of the mineral occurrences and Precambrian geology for the Ontario Geological Survey
1997	Kamtapersaud and Persaud (1997)	Panham Mining Group	Boston	A program of pitting, trenching, and sampling was completed in five location with the best results from a showing in the northeast portion of the current claim 4278685 returning 6.8, 5.8, and 5.0 ppm Au from a six inch gossan; AFRI Number 32D04SW0120 (2.17339)
1998	Kamtapersaud (1998)	Panham Mining Group	Boston	reconnaissance mapping and sampling was completed on a property overlapping a portion of claim 4278686; AFRI Number 32D04SW2009 (2.18760)
2000	Kamtapersaud (2000)	Panham Mining Group	Boston	reconnaissance mapping and sampling was completed on a property overlapping a portion of claim 4278685, 4283410, and 4266045; AFRI Number 32D04SW2023 (2.20335)
	Ayer et al (2000)	Ontario Geological Survey		Geological Compilation of the Kirkland Lake Area, Abitibi Greenstone Belt for the Ontario Geological Survey
	Ontario Geological Survey (2000)	Ontario Geological Survey		Kirkland Lake Area Airborne Magnetic and EM Survey
2002	Kamtapersaud (2002)	Panham Mining Group	Boston	reconnaissance mapping and sampling was completed on a property overlapping a portion of claim 4278685, 4283410, and 4266045; AFRI Number 32D04SW2032 (2.23564)
2004	Pigeon and Berger (2004)	Ontario Geological Survey		the geology of Otto and Eby townships Ontario Geological Survey
	Ayer et al (2004)	Ontario Geological Survey		Geological compilation of the Abitibi greenstone belt for the Ontario Geological Survey
2006	Berger (2006)	Ontario Geological Survey		a geological synthesis along Highway 66 from Matachewan to Swastika by the Ontario Geological Survey included the area of the Otto Township claims
2007	Cool (2007)	6398651 CANADA INC	Boston	Work consisted of stream sampling, surface sampling, hand auger sampling and power auger sampling collecting samples analysed for kimberlite indicator minerals; a portion of the program overlapped claim 4278686; AFRI Number 20000002453 (2.36112)
2008	Cool (2008)	6398651 CANADA INC	Boston	Work consisted of stream sampling, surface sampling, hand auger sampling and power auger sampling collecting samples analysed for kimberlite indicator minerals; a portion of the program overlapped claim 4278686 and 4278687; AFRI Number 20000003303 (2.39383)
2009	Huston (2009)	C D HUSTON	Otto	a program of prospecting, drilling, and blasting and assaying with no significant assays was completed that overlapped with the claims 4283404 and 4268120; AFRI Number 20000004404 (2.43185)

Year	Author	Company	Townships	Description
2010	Gao (2010)	Ontario Geological Survey		Quaternary geology of the Englehart area for the Ontario Geological Survey
2011	Atkinson (2011)	Pro Minerals Inc.	Boston, Pacaud	Pro Minerals completed one day of mapping and sampling in the area of the former Shiningtree Gold showing located on the northern part of the property overlying the central portion of claim 4278686.; AFRI Number 20000006290 (2.49853)
	Ayer and Chartrand (2011)	Ontario Geological Survey		Geological compilation of the Abitibi greenstone belt for the Ontario Geological Survey
2014	Roach (2014)	Roach, S.	Boston	A program of prospecting and rock sampling was completed on a property that overlaps portions of claims 4278685, 4278686, and 4278687; ; AFRI Number (2.55679)

4.0 GEOLOGY

4.1. Regional Geology

The following description of the Abitibi greenstone belt is from Ayer et al. (2002, 2005) and Thurston et al. (2008) and the references found in those papers. The Abitibi greenstone belt is composed of east-trending synclines of mainly volcanic rocks and intervening domes cored by synvolcanic and/or syntectonic plutonic rocks alternating with east-trending bands of turbiditic wackes (Figure 2). Most volcanic and sedimentary rocks dip vertically and are generally separated by east-trending faults with variable dips. Some of these faults, such as the Porcupine-Destor fault, display evidence for overprinting deformation events including early thrusting, later strike-slip and extension events. There are two ages of unconformable successor basins, early, widely distributed “Porcupine-style” basins of fine-grained clastic rocks, followed by later “Timiskaming-style” basins of coarser clastic and minor volcanic rocks which are largely proximal to major strike-slip faults (e.g. Porcupine-Destor, Larder-Cadillac). Numerous late-tectonic plutons of syenite and gabbro to granite composition, with lesser dikes of lamprophyre and carbonatite, cut the belt.

Metavolcanic and metasedimentary rocks of the Abitibi greenstone belt have been subdivided into a series of assemblages. The Pacaud assemblage is the oldest supracrustal unit in the southern Abitibi, with rhyolites ranging from 2747 to 2736 Ma. It occurs on the flanks of the Round Lake batholith with a basal intrusive contact with granitoid units (Figure 4). South of Kirkland Lake, the Stoughton-Roquemaure assemblage is interpreted to be underlain by the Pacaud assemblage, which represents a 13 Ma depositional break represented by the Deloro assemblage in other areas. The upper part of the Stoughton-Roquemaure assemblage in this area, formerly referred to as the Catherine Group, is overlain by felsic volcanic rocks of the Skead Group. The Skead Group is part of the Upper Blake River assemblage indicating a ~20 Ma

depositional break represented by the Kidd-Munro and the Tisdale assemblages in other parts of the Abitibi. The 2723 to 2720 Ma Stoughton-Roquemaure assemblage is characterised by broad regions of tholeiitic basalts, komatiitic basalts, and komatiites with several relatively minor felsic volcanic centers. The 2710 – 2704 Ma Tisdale assemblage is present in part of the Kirkland Lake area, and mafic tholeiitic flows with locally developed komatiite and intermediate to felsic calc-alkaline volcanic rocks and iron formation of the lower part are interpreted to range in age from 2710 to 2706 Ma m based in part on an age of 2710.1 ± 3.9 Ma for a heterolithic tuff breccia in Boston Township. The Blake River assemblage overlies the Tisdale assemblage and the 2701 – 2696 Ma upper part of the assemblage includes the Skead Group which is comprised of calc-alkaline intermediate to felsic volcanic rocks overlying the Stoughton-Roquemaure assemblage on the eastern and southern flanks of the Round Lake batholith.

There are two types of successor basins are present in the Abitibi greenstone belt: the early Porcupine assemblage and the late Timiskaming assemblage. The 2690 to 2685 Ma age Porcupine-type basins contain wacke-dominated, kilometre-scale sequences unconformably overlying the older metavolcanic and sedimentary rocks and are transitional into much more extensive basins. The age of the Porcupine sediments is based on the age of the basal Krist volcanic unit and detrital zircons in the overlying wackes in the Timmins area. A lack of regolith or paleosol is therefore interpreted as deposition in a submarine environment. The 2677 to 2670 Ma Timiskaming assemblage includes alluvial-fluvial conglomerates, sandstones, turbidites, and alkalic to calc-alkaline volcanic rocks that unconformably overlie metavolcanic rocks and/or Porcupine assemblage units.

The plutonic rocks of the Abitibi greenstone belt have been subdivided into synvolcanic, syn-tectonic and post-tectonic intrusions. The synvolcanic intrusions were further subdivided in to felsic to intermediate and mafic to ultramafic intrusions. Felsic to intermediate synvolcanic intrusions range in age from about 2745 to 2696 Ma and are coeval with, and geochemically similar to, the volcanic assemblages. These intrusions predate significant compressional strain, are typically foliated tonalite to granodiorite, and are found predominantly within the larger granitic complexes (e.g. Ramsey–Algoma, Round Lake) batholiths. Mafic to ultramafic synvolcanic intrusions range from approximately 2740 to 2700 Ma and mainly occur as peridotite to gabbro and diorite sills or lenticular units that cut stratigraphy at a low angle. Syn-tectonic plutons range may be related to the deformational events and can be subdivided into early and late series. Early 2695 to 2685 Ma tonalite, granodiorite, diorite and feldspar±quartz porphyries with adakitic geochemistry similar and coeval to the Porcupine assemblage volcanic rocks occur as stocks within the greenstone belt and as major portions of the surrounding batholithic complexes. Late 2680 to 2672 Ma syntectonic intrusions are broadly coeval with the

Timiskaming assemblage, and are relatively small, occurring in close proximity to the main faults (e.g. Larder Lake - Cadillac deformation zone). These intrusions are typically alkalic, consisting of monzonite, syenite and albitite with the more mafic phases including diorite, gabbro, clinopyroxenite, hornblendite and lamprophyre. Late-tectonic intrusions range in age from about 2670 to 2660 Ma and are typically massive and occur within batholiths and the greenstones. They consist of "Algoman" biotite granite, pegmatite and biotite-muscovite S-type granite.

A number of mafic dyke swarms cut the rocks of the Abitibi greenstone belt (Osmani 1991). The 2454 Ma Matachewan dykes are north-trending, vertical to sub-vertical and composed of quartz diabase and commonly contain plagioclase phenocrysts up to 20 cm in length. Northeast-trending quartz diabase of the 2167 - 2171 Ma Biscotasing dykes are lithologically similar the Matachewan dykes although lack the coarse plagioclase phenocrysts (Halls and Davis, 2004). West to northwest-trending, vertical dykes of the 1238 Ma Sudbury dyke swarm are generally medium to coarse-grained with ophitic to subophitic textures olivine tholeiites. The 1140 Ma east to northeast-trending olivine gabbro to monzodiorite dykes of the Abitibi dyke swarm may be related to the Keewanawan Midcontinent Rift event.

The Archean rocks are unconformably overlain by Paleoproterozoic rocks of the Huronian Supergroup, which were deposited in a north-trending graben referred to as the Cobalt Embayment in the area overlying the Abitibi greenstone belt. The Gowganda, Lorrain, Gordon Lake, and Bar River, were deposited in the northern portion of the Embayment and form the upper most sedimentary cycle of the Huronian Supergroup collectively referred to as the Cobalt Group (Bennett et al. 1991). The Gowganda Formation has been subdivided in to the lower Coleman Member consisting of clast and matrix supported conglomerate, and the upper Firstbrook Member consisting of pebbly wacke, wacke, siltstone, mudstone, and arenite. The Coleman Member conglomerates have been interpreted to have been glacial or alternatively debris flows or turbidity currents. The finer sediments of the Firstbrook Member have been interpreted to have been deposited in a deltaic environment. Lorrain Formation arkose and quartz arenite conformably overly the Gowganda Formation and sedimentary structures found in this formation would support either a shallow marine or fluvial depositional environment.

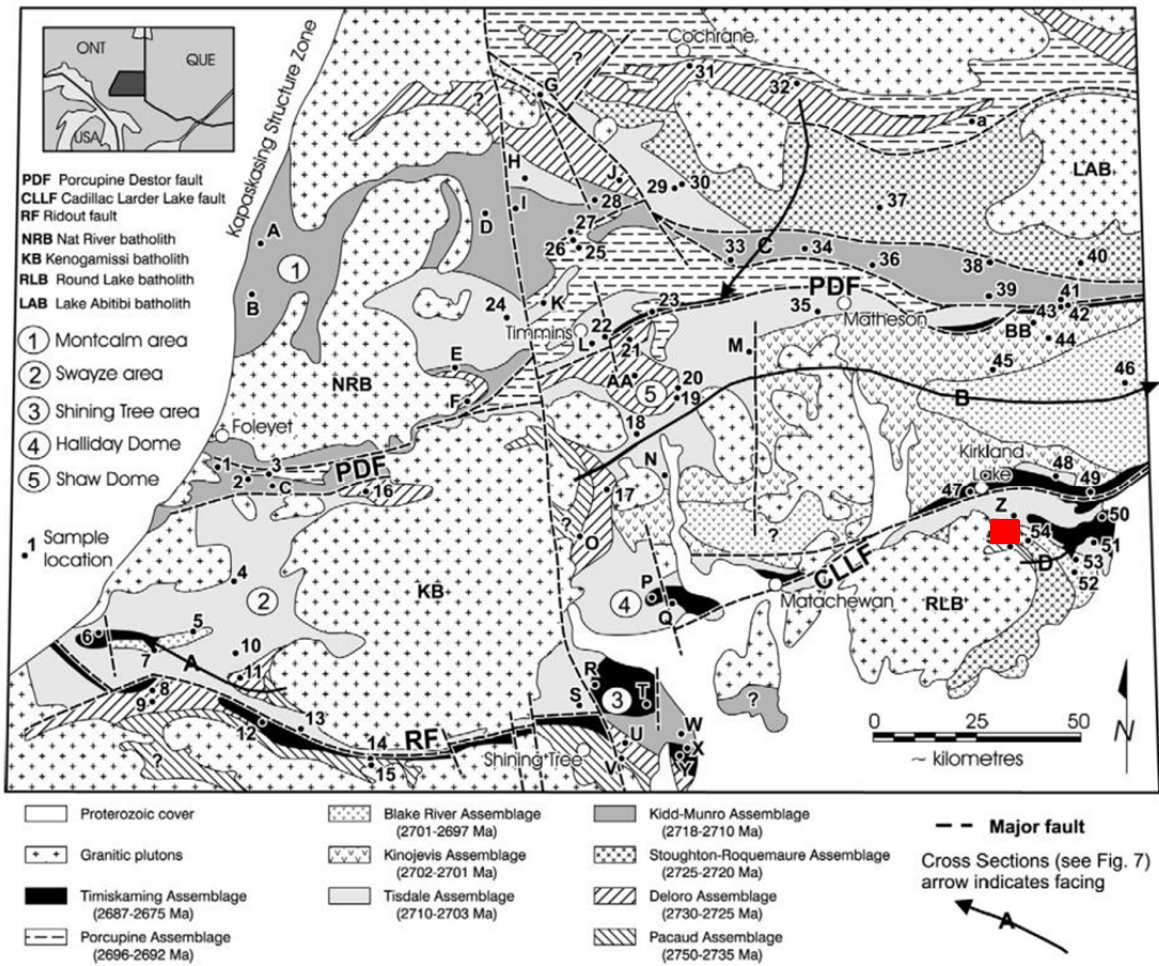


Figure 2: Regional geology of the southern Abitibi greenstone belt (Ayer et al. 2002), red square is the approximate location of the claims

Gabbroic rocks of the Nipissing Intrusive event intrude all older rocks of the Cobalt Embayment, and the adjacent underlying Archean rocks, forming sills, dykes and undulating sheets up to a few hundred metres thick (Bennett et al. 1991). A two pyroxene gabbro is the most common lithology in the Nipissing but olivine gabbro, hornblende gabbro, feldspathic pyroxenite, leucogabbro, and granophyric gabbro and granophyres are also present. The 2219 Ma Nipissing gabbro may have originated from a radiating dike swarm related to the 2217-2210 Ma Ungava magmatic event located under the Labrador Trough fed via the 2216 Ma Senneterre dykes which form part of the radiating dike swarm (Ernst 2007). Locally, emplacement of the Nipissing appears to have been controlled in part by pre-existing structures in the Huronian and Archean basement rocks.

Supracrustal units in the Abitibi greenstone belt are dominated by east-west striking volcanic

and sedimentary assemblages and east-trending Archean deformation zones and folds. Larger batholithic complexes external to the supracrustal rocks (e.g. Round Lake) represent centres of structural domes. The intervening areas define belt-scale synclinoria that deformed during a number of distinct periods. This pattern is interrupted by the trends of Porcupine and Timiskaming assemblage rocks which unconformably overlie the older assemblage. Older syntectonic intrusions (2695–2685 Ma) may be related to the compressive stresses that induced early folding and faulting related to the onset of continental collision between the Abitibi and older sub provinces to the north. Younger syntectonic intrusions (2680–2670 Ma) are coeval with the Timiskaming assemblage and are spatially associated with the Porcupine Destor and Larder Lake Cadillac deformation zones. The late tectonic intrusions (2670–2660 Ma) are possibly synchronous with D4 folding within the Timiskaming assemblage rocks in the Timmins area and represent the final stage in transpressional deformation along the Porcupine Destor deformation zone and may be correlative with the D2 event identified in the Kirkland Lake–Larder Lake area. The regional deformation zones commonly occur at assemblage boundaries and are spatially closely associated with long linear belts representing the sedimentary assemblages (i.e., Porcupine and Timiskaming). It has been proposed that the regional association of the Porcupine Destor and Larder Lake Cadillac deformation zones and major assemblage boundaries are proximal to the locus of early synvolcanic extensional faults.

4.2. Local Geology

The Boston Property is underlain by west- to northwest-trending mafic metavolcanic rocks with lesser intercalated felsic metavolcanic rocks, clastic metasedimentary rocks and chemical metasediments (Fig. 3). Dykes and sills of syenite and quartz porphyritic felsic intrusive intrude the metavolcanic rocks in the eastern Boston Township claims. Mafic gneiss occurs in a few places adjacent to the Otto stock, on the western most claims. Border phases of the syenitic Otto stock was exposed along the Ontario Northland rockcuts on the western edge of the property. A northeast-trending and a north-trending diabase dyke intrude across the central portion of the Boston claims.

2017 RECONNAISSANCE

During May 8, 9, and 10, Transition Metals geologists Thomas Hart and Spencer Burden completed three days of reconnaissance geology and sampling on the western most claims of the Boston Property. The work completed in 2017 concentrated on the western most claims of the Boston Property as these claims have the poorest record of past exploration. The variety of pits and trenches were mark on the geology maps of Lawton (1957) and Ramsden et al (1966)

were examined and sampled, as well as other exposures of sulphide mineralization and quartz veining there were observed. The samples collected and submitted for analyses are described in Table 3.

The western claims are underlain by northwest-trending mafic metavolcanic rocks with lesser intercalated intermediate to felsic metavolcanic rocks, clastic metasedimentary rocks and chemical metasediments (Fig. 3). Occasional areas of mafic gneiss were exposed. Border phases of the syenitic Otto stock were exposed along the Ontario Northland rockcuts and occasional felsic dykes are exposed cutting the metavolcanic rocks.

Mafic metavolcanic rocks were the predominate lithology and consisted predominantly of fine- to coarse-grained, dark green, massive flows. Occasional pillowed flows, pillow breccia and mafic tuff were also observed, although some of the mafic tuffs could be chloritic mafic schist likely of a mafic metavolcanic rock source. Schists commonly contain calcite or iron carbonate, pyrite, and locally quartz veins and veinlets. Mafic gneiss was observed in a few locations and has been noted by Berger (2006) as occurring adjacent to the Otto stock. Berger (2006) notes there were white and pink, fine- to medium-grained tonalitic dikes and feldspar veins associated with the gneiss, but these dykes and veins were also noted in other locations intruding the mafic metavolcanic rocks.

Previous workers have described the number of felsic metavolcanic units intercalated with the mafic metavolcanic rocks in the area of the Otto Township claims. However no good examples of felsic metavolcanic rocks were observed and the units intercalated with the mafic metavolcanic rocks appeared to intermediate in composition. These units were massive to moderately foliated and a lighter shade of green than the mafic metavolcanic rocks.

Chemical sediments are intercalated with the metavolcanic rocks, and consist of laminated and thinly bedded magnetite-chert iron formation and iron mudstone with rare chert beds. Sulphide mineralization, predominantly pyrite, occurs as disseminations in the mudstones and less commonly associated with quartz veins and stringers.

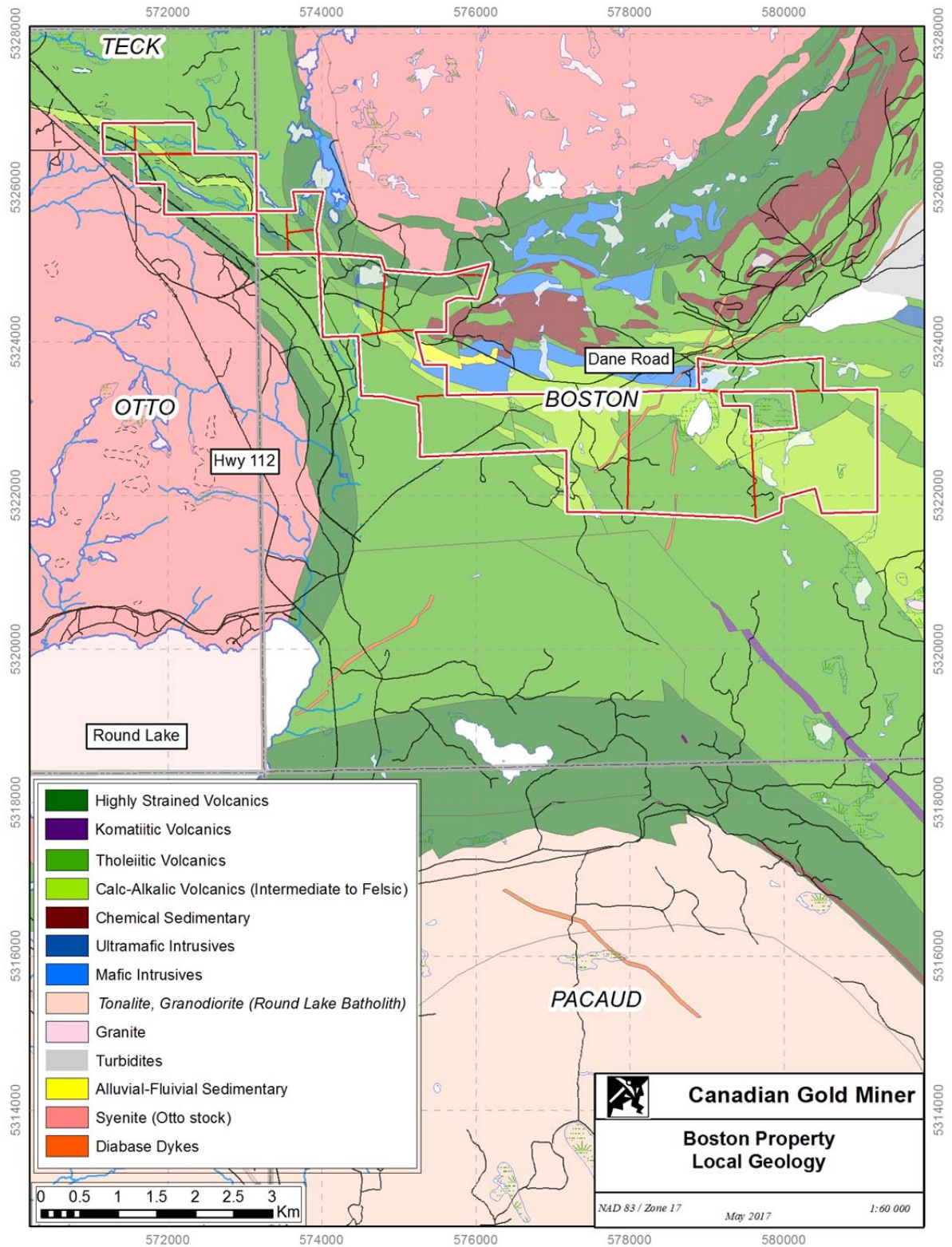


Figure 3: Local geology of the Boston Property (after Pigeon and Berger, 2004; Jackson, 1995)

Table 3: Sample descriptions and locations (coordinates in UTM Zone 17, NAD83)

Sample	North	East	Elevation	Description
L782801	5324078	575176	305	iron mudstone, minor chert, 10-15% disseminated medium-grained pyrite
L782802	5324109	575130	307	iron mudstone, minor chert, 5-10% disseminated medium-grained pyrite
L782803	5324290	575091	321	iron mudstone, minor chert, with 10-15% disseminated medium-grained pyrite
L782804	5324290	575091	321	iron mudstone, minor chert, 10-15% disseminated medium-grained pyrite
L782805	5324972	573993	340	0.5 cm white quartz veinlet with pink feldspar halo and 2-3% medium-grained pyrite in basalt
L782806	5324982	574053	342	1.0 cm grey to white quartz vein with irregular pink feldspar halo and 1-2% medium-grained pyrite in basalt
L782807	5325241	573771	335	iron mudstone with minor chert and 3-5% medium-grained pyrite
L782808	5325285	573604	329	1.0 cm white quartz vein with 2-3% medium-grained pyrite in basalt
L782809	5325385	573457	319	white quartz stringer with 1-2% medium-grained disseminated pyrite in sheared chloritic basalt
L782810	5325408	573412	329	quartz stringer with pink feldspar halo and 1-2% medium-grained pyrite in chloritic basalt
L782811	5325598	573224	358	quartz stringer with pink feldspar halo and 1-2% medium-grained pyrite in chloritic basalt
L782812	5325725	573068	335	quartz stringer with pink feldspar halo and 1-2% medium-grained pyrite in chloritic basalt
L782813	5325982	573081	340	2.0 cm grey to white quartz vein with 1-2% medium-grained disseminated pyrite in sheared chloritic basalt
L782814	5326018	573034	341	2-3 cm white quartz vein with 2-3% medium-grained pyrite in sheared chloritic basalt
L782815	5326083	572927	343	oxide facies ironstone with 3-5% medium-grained disseminated pyrite
L782816	5326161	572668	342	2.0 cm white quartz vein with 1-2% medium-grained pyrite in chloritic basalt
L782817	5326156	572612	337	iron mudstone with minor chert and 3-5% medium-grained pyrite
L782818	5326093	572422	340	iron mudstone with minor chert and 5-10% coarse to medium-grained pyrite
L782819	5326071	572412	339	quartz stringer with pink feldspar halo and 2-3% medium-grained pyrite in sheared chloritic basalt
L782820	5326177	572268	344	pyrite-chlorite gossan with 30-40% coarse- to medium grained pyrite hosted by shear chloritic basalt
L782821	5326156	572241	345	quartz stringer with irregular pink feldspar halo and 1-2% medium-grained pyrite in sheared chloritic basalt
L782822	5326814	571467	337	iron mudstone with 5-10% medium to coarse-grained disseminated pyrite
L782823	5326792	571653	338	iron mudstone with 5-10% medium to coarse-grained disseminated pyrite
L782824	5326799	571634	335	quartz stringers with tr-2% medium to fine-grained pyrite in shear chloritic basalt

Sample	North	East	Elevation	Description
L782825	5326750	571691	337	1.0 cm white to grey quartz vein with 1-2% medium-grained pyrite and irregular pink feldspar in chloritic basalt
L782826	5326303	572123	344	2.0 m white quartz vein with 1-2% medium-grained pyrite in chloritic basalt
L782827	5325774	572169	329	20-30 cm white to grey quartz-carbonate vein or boudin vein with 3-5% medium-grained pyrite hosted by chloritic volcanic
L782828	5325776	572167	329	20-30 cm white to grey quartz-carbonate vein or boudin vein with 5-10% medium-grained pyrite hosted by chloritic volcanic
L782829	5325774	572156	341	2-3 cm white to grey quartz-carbonate vein with 3-5% medium-grained pyrite hosted by chloritic volcanic
L782830	5325773	572143	348	2-3 cm white to grey quartz-carbonate vein with 3-5% medium-grained pyrite hosted by chloritic volcanic
L782831	5325772	572147	333	iron mudstone with 15-20% coarse to medium-grained disseminated pyrite
L782832	5322490	578046	348	3-4 cm white quartz vein with 3-5% medium-grained disseminated pyrite in light grey to pink medium-grained granodiorite.

Table 4: Summary of analytical results for samples described and located in Table 3

Sample	description	Au	Ag	As	Cu	K	Mo	S	Te	Zn
		ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm
L782801	iron mudstone	0.001	0.16	2.6	273	0.57	0.81	5.68	0.08	79
L782802	iron mudstone	<0.001	0.04	1.3	68.5	0.11	1.47	1.81	<0.05	68
L782803	iron mudstone	<0.001	0.84	0.6	347	0.24	0.82	>10.0	0.09	640
L782804	iron mudstone	<0.001	0.36	37.1	37.8	2.55	1.55	>10.0	0.14	11
L782805	quartz veinlet	<0.001	0.1	1.5	31.1	3.48	1.05	0.35	<0.05	96
L782806	quartz vein	<0.001	0.02	0.3	7.8	2.96	1.07	0.02	<0.05	27
L782807	iron mudstone	<0.001	0.01	1.5	16.6	0.02	0.73	0.47	<0.05	20
L782808	quartz vein	<0.001	0.01	0.3	9.4	0.95	1.79	0.15	<0.05	27
L782809	quartz stringer	<0.001	0.02	1.5	18.2	0.39	3.57	0.77	<0.05	67
L782810	quartz stringer	<0.001	<0.01	1.3	3.1	1.46	1.38	0.16	<0.05	94
L782811	quartz stringer	<0.001	0.02	1.2	188.5	2.34	0.89	0.08	<0.05	111
L782812	quartz stringer	<0.001	0.04	1.1	22.9	0.03	1.89	0.28	0.08	72
L782813	quartz vein	<0.001	0.02	0.3	63.6	0.4	7.89	0.39	0.07	48
L782814	quartz vein	0.001	0.09	1.1	94.7	0.3	1.8	0.87	0.09	37
L782815	oxide facies ironstone	0.002	0.24	75.6	102	0.09	4.1	2.55	0.2	211
L782816	quartz vein	0.001	0.03	0.7	87.3	0.14	1.85	0.13	<0.05	21
L782817	iron mudstone	<0.001	0.02	1.2	19.4	0.24	2.62	0.11	<0.05	107
L782818	iron mudstone	<0.001	0.05	1.8	302	1.47	0.43	1.5	<0.05	96
L782819	quartz stringer	<0.001	0.01	0.8	17.6	3.8	1.26	0.11	<0.05	62
L782820	pyrite-chlorite gossan	0.012	0.54	35.9	939	0.09	29.2	>10.0	1.24	276
L782821	quartz stringer	<0.001	0.03	4.7	28.8	0.75	1.58	0.15	<0.05	35
L782822	iron mudstone	0.01	0.09	1.6	47.2	0.08	6.13	1.27	0.29	129
L782823	iron mudstone	0.001	0.16	0.6	174.5	0.24	4.86	2.48	0.16	57

Sample	description	Au	Ag	As	Cu	K	Mo	S	Te	Zn
		ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm
L782824	quartz stringer	<0.001	0.01	2.4	26.8	0.78	1.22	0.27	0.05	74
L782825	quartz vein	<0.001	0.02	0.2	80.2	4.58	1.38	0.22	<0.05	42
L782826	quartz vein	0.006	4.28	<0.2	6	0.36	2	0.1	1.61	28
L782827	quartz-carbonate vein	0.002	0.26	<0.2	7.4	0.4	1.26	1.22	0.34	55
L782828	quartz-carbonate vein	0.001	0.24	0.4	13.7	1.42	2.01	0.58	1.57	18
L782829	quartz-carbonate vein	<0.001	0.1	1	124.5	4.16	0.59	0.21	0.14	71
L782830	quartz-carbonate vein	0.002	0.31	<0.2	70.8	3.67	1	1.28	0.26	35
L782831	iron mudstone	0.004	1.76	0.8	64.8	3.94	1.21	3.27	0.77	58
L782832	quartz vein	0.001	0.08	0.5	288	1.05	5.8	0.2	0.08	27

5.0 STATEMENT OF EXPENDITURE

The total value of work done on the Boston Property is summarized in Table 5.

Table 5: Summary of expenditures

Category	Cost
Geologists	\$3,375
Food & Accommodations	\$782
field supplies	\$78
Vehicle expenses	\$300
Gas	\$260
Analyses	\$2,393
Report Writing	\$1,875
Total	\$9,063

6.0 CONCLUSIONS

Although samples were collected from a variety of lithologies and veins over a wide area covering the western claims of the Boston Property, there is little indication of much potential for gold mineralization on those claims. There is also little indication from the mapping completed

7.0 RECOMMENDATION

It is recommended that the northwestern most claims be allowed to lapse and that future work concentrate on the claims in Boston Township where previous work has reported anomalous gold values from a number of different areas.

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9.0 STATEMENT OF THE AUTHOR

I, Thomas Hart do hereby certify that:

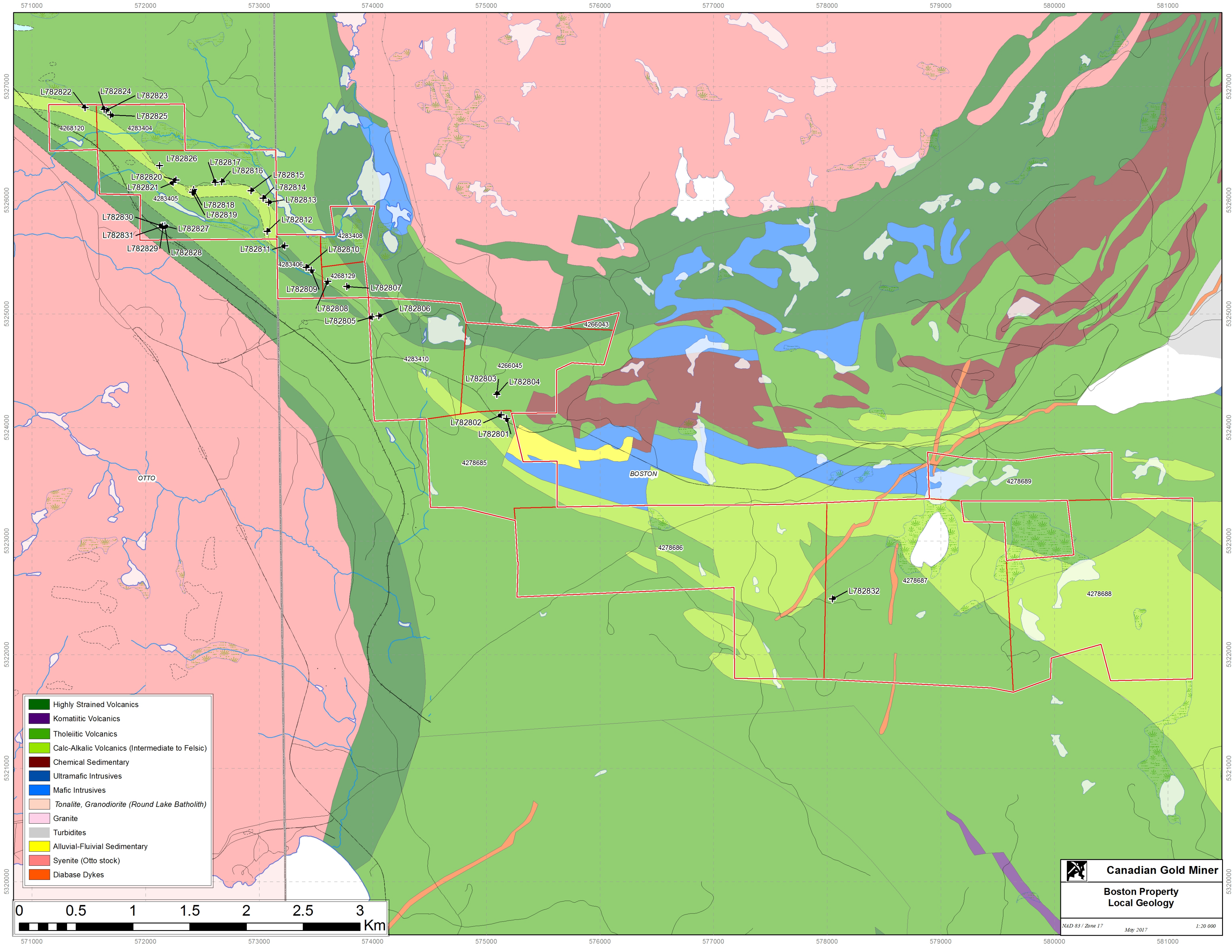
- 1) I reside at 2404 Algonquin Road, Sudbury, Ontario P3E 5V1,
- 2) I graduated with a M.Sc. (Geology) degree in 1984 from the University of Toronto.
- 3) I have been practicing my profession in Canada since 1984, as an exploration geologist (an employee and independent consultant) on precious and base metal projects with exploration/mining companies in Canada, and as a mapping geologist with the Ontario Geological Survey.
- 4) I am the proprietor of Hart Geoscience Inc., a consulting company based in Sudbury Ontario contracted by Transition Metals Corp. to provide management services with respect to on-going exploration and development activities on their properties in Ontario. In this capacity, I am authorized to act as an Agent of the Company.
- 4) I am a member of the Association of Professional Geoscientists of Ontario
- 7) I supervised this work program and writing of the technical report.

Signed this 5 of June, 2017 in the City of Sudbury, Ontario

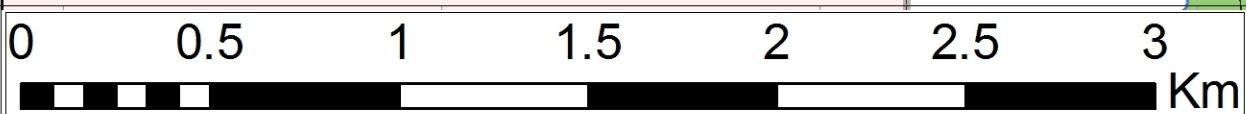


Thomas Hart, M.Sc., P. Geo.

APPENDIX A: SAMPLE LOCATION MAP



- Highly Strained Volcanics
- Komatiitic Volcanics
- Tholeiitic Volcanics
- Calc-Alkalic Volcanics (Intermediate to Felsic)
- Chemical Sedimentary
- Ultramafic Intrusives
- Mafic Intrusives
- Tonalite, Granodiorite (Round Lake Batholith)
- Granite
- Turbidites
- Alluvial-Fluvial Sedimentary
- Syenite (Otto stock)
- Diabase Dykes



Canadian Gold Miner

**Boston Property
Local Geology**

NAD 83 / Zone 17 May 2017 1:20 000

APPENDIX B: ANALYTICAL CERTIFICATES



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 25-MAY-2017
 Account: TRAMET

CERTIFICATE SD17094777

This report is for 32 Rock samples submitted to our lab in Sudbury, ON, Canada on 15-MAY-2017.
 The following have access to data associated with this certificate:

GREG COLLINS GRANT MOURRE	THOMAS HART	PETER MCINTYRE
------------------------------	-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
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
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: **TRANSITION METALS CORP.**
ATTN: THOMAS HART
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

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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 Total # Pages: 2 (A - D)
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CERTIFICATE OF ANALYSIS SD17094777

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	CRU-QC	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pass2mm %	Pass75um %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
L782801		1.57	0.001	89.0	98.0	0.16	4.90	2.6	190	0.52	0.18	8.38	0.21	5.25	44.7	94
L782802		1.09	<0.001			0.04	0.27	1.3	20	0.50	0.05	0.79	0.04	13.25	2.6	30
L782803		1.54	<0.001			0.84	4.27	0.6	90	0.54	0.06	0.41	1.88	15.85	3.0	32
L782804		1.30	<0.001			0.36	7.19	37.1	70	0.72	0.50	0.41	<0.02	22.6	29.6	21
L782805		1.20	<0.001			0.10	6.96	1.5	880	1.21	0.41	3.16	0.05	39.2	22.8	60
L782806		1.35	<0.001			0.02	4.77	0.3	1000	0.48	0.04	1.57	0.05	14.35	4.7	18
L782807		1.71	<0.001			0.01	0.11	1.5	40	2.40	0.14	5.03	0.07	4.48	1.2	12
L782808		1.91	<0.001			0.01	3.66	0.3	400	0.50	0.03	0.78	<0.02	14.40	7.6	22
L782809		1.16	<0.001			0.02	8.66	1.5	70	0.17	0.23	8.42	0.06	5.03	34.2	340
L782810		1.77	<0.001			<0.01	7.05	1.3	220	0.43	0.07	6.02	0.07	10.95	37.1	243
L782811		1.05	<0.001			0.02	7.70	1.2	470	0.59	0.09	5.28	0.08	26.5	45.9	453
L782812		2.10	<0.001			0.04	0.89	1.1	40	0.69	0.11	1.90	0.04	4.97	19.4	19
L782813		1.88	<0.001			0.02	3.42	0.3	90	0.33	0.23	1.28	0.02	18.00	14.6	133
L782814		1.50	0.001			0.09	3.70	1.1	150	1.01	0.50	5.88	0.07	24.6	6.5	39
L782815		1.32	0.002			0.24	1.42	75.6	30	0.76	0.14	3.86	0.66	12.70	32.7	16
L782816		1.06	0.001			0.03	1.71	0.7	90	0.26	0.06	1.69	0.03	8.19	8.0	39
L782817		1.27	<0.001			0.02	5.35	1.2	70	1.24	0.28	8.76	0.12	42.6	42.5	114
L782818		1.57	<0.001			0.05	4.53	1.8	560	2.71	0.71	8.20	0.09	78.8	67.2	1620
L782819		1.93	<0.001			0.01	7.21	0.8	960	0.63	0.07	2.79	0.05	24.4	13.8	59
L782820		2.20	0.012			0.54	4.76	35.9	40	0.15	1.03	0.67	0.17	3.17	113.0	1010
L782821		1.42	<0.001		95.2	0.03	3.36	4.7	290	0.43	0.15	1.70	0.04	27.0	11.8	90
L782822		2.11	0.010		92.7	0.09	1.67	1.6	10	0.57	0.12	1.39	0.64	11.25	8.6	44
L782823		1.09	0.001			0.16	4.99	0.6	180	0.44	0.17	3.87	0.07	15.20	25.9	49
L782824		1.21	<0.001			0.01	3.16	2.4	2020	1.76	0.08	5.81	0.13	239	25.7	294
L782825		1.34	<0.001			0.02	6.48	0.2	1330	0.50	0.03	1.28	0.02	47.6	15.9	231
L782826		1.93	0.006			4.28	2.81	<0.2	90	0.22	20.9	2.39	0.08	16.75	15.2	168
L782827		1.24	0.002			0.26	2.43	<0.2	380	1.48	1.73	3.16	0.09	58.6	15.1	90
L782828		1.67	0.001			0.24	2.07	0.4	1150	0.67	11.25	0.48	0.03	42.6	5.7	60
L782829		1.09	<0.001			0.10	7.70	1.0	3820	2.62	0.50	1.46	0.07	114.0	13.0	48
L782830		1.46	0.002			0.31	5.07	<0.2	1840	1.89	0.84	1.41	0.04	76.8	10.7	44
L782831		1.96	0.004			1.76	6.55	0.8	330	1.74	4.97	0.74	0.04	84.9	17.0	55
L782832		1.30	0.001		85.6	0.08	5.35	0.5	210	1.07	0.34	1.29	0.04	12.25	9.1	53

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



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 Account: TRAMET

CERTIFICATE OF ANALYSIS SD17094777

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
L782801		1.37	273	15.65	12.55	0.12	0.6	0.081	0.57	2.3	8.1	1.21	4740	0.81	2.35	1.1
L782802		1.60	68.5	10.40	1.56	0.09	0.2	0.050	0.11	5.4	0.9	0.61	1720	1.47	0.18	0.3
L782803		0.56	347	24.4	13.75	0.15	1.9	0.015	0.24	6.7	5.0	0.22	141	0.82	2.91	3.3
L782804		3.63	37.8	11.20	17.95	0.11	2.4	0.005	2.55	10.7	28.7	0.28	95	1.55	1.71	2.8
L782805		0.43	31.1	5.12	17.65	0.13	2.4	0.045	3.48	18.5	6.8	1.90	755	1.05	2.89	4.6
L782806		0.40	7.8	1.91	14.10	0.13	1.2	0.017	2.96	6.5	1.0	0.29	270	1.07	1.76	2.8
L782807		0.06	16.6	18.95	1.26	0.07	<0.1	0.019	0.02	2.9	13.7	0.70	483	0.73	0.58	0.2
L782808		0.95	9.4	1.91	8.60	0.11	1.4	0.014	0.95	7.8	11.2	0.45	203	1.79	1.78	2.3
L782809		1.24	18.2	6.72	15.00	0.09	0.4	0.033	0.39	2.7	12.7	2.83	1420	3.57	2.44	0.6
L782810		0.70	3.1	6.71	14.45	0.10	0.5	0.047	1.46	4.9	18.1	4.09	1640	1.38	2.46	0.9
L782811		0.54	188.5	6.38	14.60	0.14	1.3	0.058	2.34	11.7	9.9	2.00	1060	0.89	3.19	2.8
L782812		0.27	22.9	19.95	3.81	0.08	0.3	0.019	0.03	2.1	2.4	2.05	6060	1.89	0.07	0.6
L782813		0.18	63.6	2.91	7.70	0.08	1.5	0.024	0.40	8.4	10.9	1.19	404	7.89	1.76	2.0
L782814		1.82	94.7	7.89	9.20	0.09	1.6	0.050	0.30	12.1	6.2	0.86	861	1.80	0.41	3.1
L782815		0.30	102.0	7.77	4.51	0.06	0.6	0.043	0.09	5.9	2.5	0.92	2150	4.10	0.08	1.1
L782816		0.23	87.3	2.20	4.97	0.06	0.8	0.033	0.14	3.8	3.4	0.73	355	1.85	0.69	1.8
L782817		0.36	19.4	7.48	16.85	0.11	2.5	0.114	0.24	18.9	6.5	1.66	2340	2.62	0.35	4.4
L782818		0.15	302	7.17	10.85	0.11	0.8	0.061	1.47	56.7	15.7	4.09	2000	0.43	2.49	5.6
L782819		0.55	17.6	1.73	15.75	0.16	2.3	0.020	3.80	10.7	2.4	0.73	719	1.26	3.18	3.9
L782820		0.36	939	24.8	14.85	0.24	1.0	0.227	0.09	1.5	37.3	6.24	741	29.2	0.04	1.0
L782821		1.30	28.8	2.70	9.21	0.08	1.3	0.017	0.75	12.3	4.7	1.01	642	1.58	1.32	2.2
L782822		0.58	47.2	13.10	5.26	0.08	0.9	0.099	0.08	5.4	4.2	1.18	5600	6.13	0.04	1.4
L782823		0.73	174.5	5.52	11.95	0.07	2.0	0.045	0.24	6.4	5.2	1.74	874	4.86	3.17	2.7
L782824		0.19	26.8	4.05	10.55	0.29	4.0	0.048	0.78	105.5	10.3	3.79	853	1.22	1.21	5.5
L782825		1.84	80.2	3.53	14.35	0.14	2.2	0.036	4.58	19.9	29.4	0.98	850	1.38	1.03	4.3
L782826		0.67	6.0	2.59	5.10	0.07	0.4	0.024	0.36	6.6	10.9	1.47	482	2.00	0.67	1.0
L782827		0.39	7.4	2.90	9.55	0.12	1.7	0.030	0.40	27.0	5.6	1.40	757	1.26	1.75	0.8
L782828		0.32	13.7	1.53	6.03	0.09	0.9	0.010	1.42	21.3	1.2	0.19	261	2.01	0.81	0.3
L782829		4.02	124.5	3.56	19.65	0.26	2.3	0.035	4.16	51.3	39.2	0.78	610	0.59	1.59	2.7
L782830		0.78	70.8	2.70	14.10	0.19	2.4	0.025	3.67	34.7	5.6	0.51	543	1.00	1.44	2.7
L782831		1.75	64.8	5.26	15.95	0.20	2.1	0.027	3.94	38.0	13.1	0.50	504	1.21	1.16	2.2
L782832		0.95	288	1.86	15.50	0.11	1.6	0.012	1.05	5.7	4.7	0.30	237	5.80	3.72	1.2



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To: TRANSITION METALS CORP.
 410 FALCONBRIDGE ROAD
 UNIT 5
 SUDBURY ON P3A 4S4

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 25-MAY-2017
 Account: TRAMET

CERTIFICATE OF ANALYSIS SD17094777

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
L782801		30.4	250	8.8	18.3	<0.002	5.68	0.12	42.7	4	0.8	209	0.06	0.08	0.14	0.240
L782802		11.4	830	3.2	5.8	<0.002	1.81	0.08	1.0	1	0.5	57.0	<0.05	<0.05	0.14	0.020
L782803		82.4	110	478	8.4	0.002	>10.0	0.06	5.0	6	2.1	162.0	0.25	0.09	1.49	0.149
L782804		15.2	440	19.0	110.5	0.002	>10.0	0.38	5.3	2	0.5	185.5	0.24	0.14	1.94	0.148
L782805		21.7	840	33.6	70.6	<0.002	0.35	0.18	14.2	1	0.9	587	0.32	<0.05	2.07	0.408
L782806		4.8	280	5.1	53.1	<0.002	0.02	0.08	6.5	<1	0.5	618	0.18	<0.05	0.55	0.250
L782807		2.7	480	2.3	0.7	<0.002	0.47	0.13	0.2	1	0.4	17.1	<0.05	<0.05	0.02	<0.005
L782808		8.1	250	3.3	23.2	<0.002	0.15	0.06	4.9	<1	0.3	154.0	0.17	<0.05	0.87	0.154
L782809		84.0	130	15.0	17.6	0.002	0.77	0.23	41.4	1	0.2	779	<0.05	<0.05	0.06	0.233
L782810		69.7	160	8.9	34.7	<0.002	0.16	0.16	45.5	1	0.2	502	<0.05	<0.05	0.08	0.261
L782811		200	570	9.7	59.7	<0.002	0.08	0.12	37.6	1	0.7	522	0.18	<0.05	1.03	0.387
L782812		92.4	220	0.6	2.4	<0.002	0.28	0.05	10.7	1	0.2	10.5	<0.05	0.08	0.22	0.048
L782813		53.2	360	2.6	11.9	<0.002	0.39	0.07	7.3	1	0.5	98.5	0.14	0.07	1.86	0.167
L782814		12.4	680	5.5	17.3	<0.002	0.87	0.13	5.9	2	0.9	166.0	0.20	0.09	0.96	0.192
L782815		30.9	380	268	2.5	<0.002	2.55	1.94	2.7	3	0.7	54.2	0.07	0.20	0.40	0.073
L782816		11.9	200	2.3	4.8	<0.002	0.13	0.08	14.6	1	0.4	234	0.10	<0.05	0.30	0.262
L782817		132.0	770	7.7	7.8	0.002	0.11	0.12	18.1	1	1.5	384	0.31	<0.05	1.71	0.852
L782818		701	1590	9.6	36.9	<0.002	1.50	0.09	27.7	2	0.8	1000	0.08	<0.05	1.71	0.328
L782819		30.0	700	5.2	62.9	<0.002	0.11	0.12	8.9	1	0.5	316	0.25	<0.05	1.35	0.292
L782820		356	110	5.4	3.1	0.011	>10.0	0.06	26.4	50	1.7	9.5	0.06	1.24	0.30	0.217
L782821		46.1	560	7.0	27.3	<0.002	0.15	0.10	6.1	1	0.3	173.5	0.12	<0.05	1.32	0.179
L782822		32.8	220	1.3	5.6	0.004	1.27	0.06	2.9	2	1.1	10.5	0.09	0.29	0.52	0.061
L782823		48.5	430	7.0	9.4	0.003	2.48	0.07	15.6	1	0.6	427	0.19	0.16	0.86	0.351
L782824		152.0	2880	6.0	18.7	<0.002	0.27	0.09	13.0	1	0.8	819	0.18	0.05	13.75	0.309
L782825		36.4	1050	6.7	109.0	<0.002	0.22	0.06	23.8	1	0.5	392	0.23	<0.05	1.88	0.449
L782826		67.1	220	67.7	10.7	<0.002	0.10	0.07	13.3	1	0.2	159.5	0.06	1.61	0.26	0.133
L782827		18.8	240	15.6	13.4	<0.002	1.22	0.09	10.6	<1	0.5	554	0.05	0.34	5.12	0.077
L782828		9.7	140	26.4	26.9	<0.002	0.58	0.07	2.6	<1	0.2	204	<0.05	1.57	3.10	0.032
L782829		15.7	3140	95.6	100.0	<0.002	0.21	0.11	6.4	1	0.8	1180	0.11	0.14	5.71	0.190
L782830		12.4	710	25.6	65.6	<0.002	1.28	0.13	5.3	<1	0.4	883	0.11	0.26	5.18	0.092
L782831		22.3	760	128.5	70.2	<0.002	3.27	0.11	5.2	1	0.5	821	0.08	0.77	4.88	0.125
L782832		29.3	470	11.2	25.7	<0.002	0.20	0.15	3.8	<1	0.3	135.0	0.05	0.08	0.94	0.076



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CERTIFICATE OF ANALYSIS SD17094777

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
L782801		0.13	0.2	286	0.9	20.0	79	23.3
L782802		0.05	0.1	19	0.1	8.9	68	7.4
L782803		0.47	0.7	28	0.1	5.8	640	69.7
L782804		9.71	0.6	42	0.7	4.5	11	82.7
L782805		0.28	0.7	118	0.4	13.6	96	84.1
L782806		0.22	0.3	67	0.3	6.6	27	41.6
L782807		<0.02	0.2	16	0.5	5.6	20	1.4
L782808		0.08	0.2	38	0.1	4.3	27	46.8
L782809		0.09	0.1	222	0.4	10.6	67	10.7
L782810		0.12	0.1	223	0.4	11.7	94	10.3
L782811		0.20	0.2	213	0.6	10.9	111	46.3
L782812		<0.02	<0.1	48	0.1	6.0	72	15.5
L782813		0.05	0.3	54	0.5	6.3	48	60.2
L782814		0.08	0.3	56	0.4	10.7	37	53.0
L782815		0.06	0.1	24	0.2	7.7	211	23.4
L782816		0.02	0.2	93	0.3	8.3	21	16.4
L782817		0.02	0.4	150	1.5	26.2	107	69.9
L782818		0.17	1.6	180	0.3	12.6	96	25.3
L782819		0.19	0.3	63	0.7	6.9	62	80.6
L782820		0.02	0.5	144	0.8	2.0	276	33.7
L782821		0.09	0.3	47	0.5	6.0	35	49.8
L782822		0.04	0.2	20	0.3	5.8	129	35.2
L782823		0.22	0.3	107	2.2	10.5	57	71.6
L782824		0.10	3.0	124	0.7	28.6	74	180.0
L782825		0.29	0.4	146	0.3	11.3	42	78.5
L782826		0.06	0.1	59	0.2	7.9	28	16.1
L782827		0.05	1.3	49	4.7	8.4	55	69.6
L782828		0.10	0.5	23	1.8	2.7	18	29.1
L782829		0.65	0.7	93	4.3	16.4	71	79.2
L782830		0.27	0.6	34	7.7	8.4	35	84.4
L782831		0.48	0.5	59	6.8	7.2	58	80.3
L782832		0.19	3.1	42	1.2	3.3	27	49.8



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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

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CERTIFICATE OF ANALYSIS SD17094777

	CERTIFICATE COMMENTS												
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>REE's may not be totally soluble in this method. ME-MS61</p>												
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 5%;"></td> <td style="width: 10%;">PUL-31</td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td></td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22			PUL-31	PUL-QC	SPL-21	WEI-21			
CRU-31	CRU-QC	LOG-22			PUL-31								
PUL-QC	SPL-21	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-ICP21</td> <td style="width: 67%;">ME-MS61</td> </tr> </table>	Au-ICP21	ME-MS61										
Au-ICP21	ME-MS61												