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Assessment Report

Diamond Drill Holes D-19-06 and 07
Deloro Project

in

Deloro Township
Porcupine Mining District, Ontario

Apr. 5th, 2021
P. Burt, P.Geo
R. Skeries, P.Geo

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SUMMARY

Central Timmins Exploration Corp. (CTEC) now P2 Gold Inc., has an extensive property position within the City of Timmins, Ontario (***Fig.1***), covering highly prospective geology for both gold and base metal mineralization. In the course of the Timmins Project exploration effort, several MMI soil sampling and ground geophysical grids and profiles of varying lengths were completed including those on the Deloro Project. Notwithstanding that generally results remain inconclusive, follow-up diamond drilling has been undertaken including drill holes D-19-06 and 07, the subject of this report, primarily to provide additional geological data to support further interpretation of the historical Dayton Gold Zone.

INTRODUCTION

This assessment report covers the recent Q3 2019 diamond drilling program (DDHs D-19-06/07) as part of the exploration work completed on a portion of Central Timmins Exploration Corporation (CTEC) mineral exploration Deloro Township Project. Work was primarily completed on patented ground, thus exempt from the exploration permit PR-18-11279 issued April 4th 2018 covering adjoining project cell claims. The Property covers highly prospective geology for both additional gold and base metal mineralization in Deloro Township, and continues westerly into the immediately adjoining Ogden Township property. The drilling program and associated assaying began July 22, 2019 with diamond drilling by SMP Drilling of Rouyn-Noranda, PQ, ending Sept. 24, 2019. Drilling was completed by July 26, 2019 and consisted of 369 metres of coring in 2 drill holes on the historical Dayton Gold Zone to further support interpretation of the gold mineralization. Assaying of 170 core samples was completed by Actlabs in Timmins, ON. Portions of the general property and geology information in this report have been sourced with modifications from the CTEC May 17, 2018 NI 43-101 report authored by P. Chamois of RPA and filed on SEDAR.

PROPERTY TENURE AND LOCATION

The Deloro Project in the southwestern portion of Deloro Township and is contiguous with additional mining lands easterly and southerly in Deloro and in the immediately adjoining Ogden Township to the west. After the implementation of the new MLAS on April 10, 2018, the reconfiguration of the Deloro Project staked legacy claims did not significantly alter the total area due to boundary conditions created by scattered patented mining lands and other claim ownership. Currently patents number 66 (includes 28 Faymar Group patents to the east), while the claim cells due to minor property expansion and restaking, now total a mixture of 53 full and fractional single cell mining claims. The current work was completed on Mining Patents PAT-3479 (P9756) and PAT-3451 (P11478) ***(Fig.2)***.

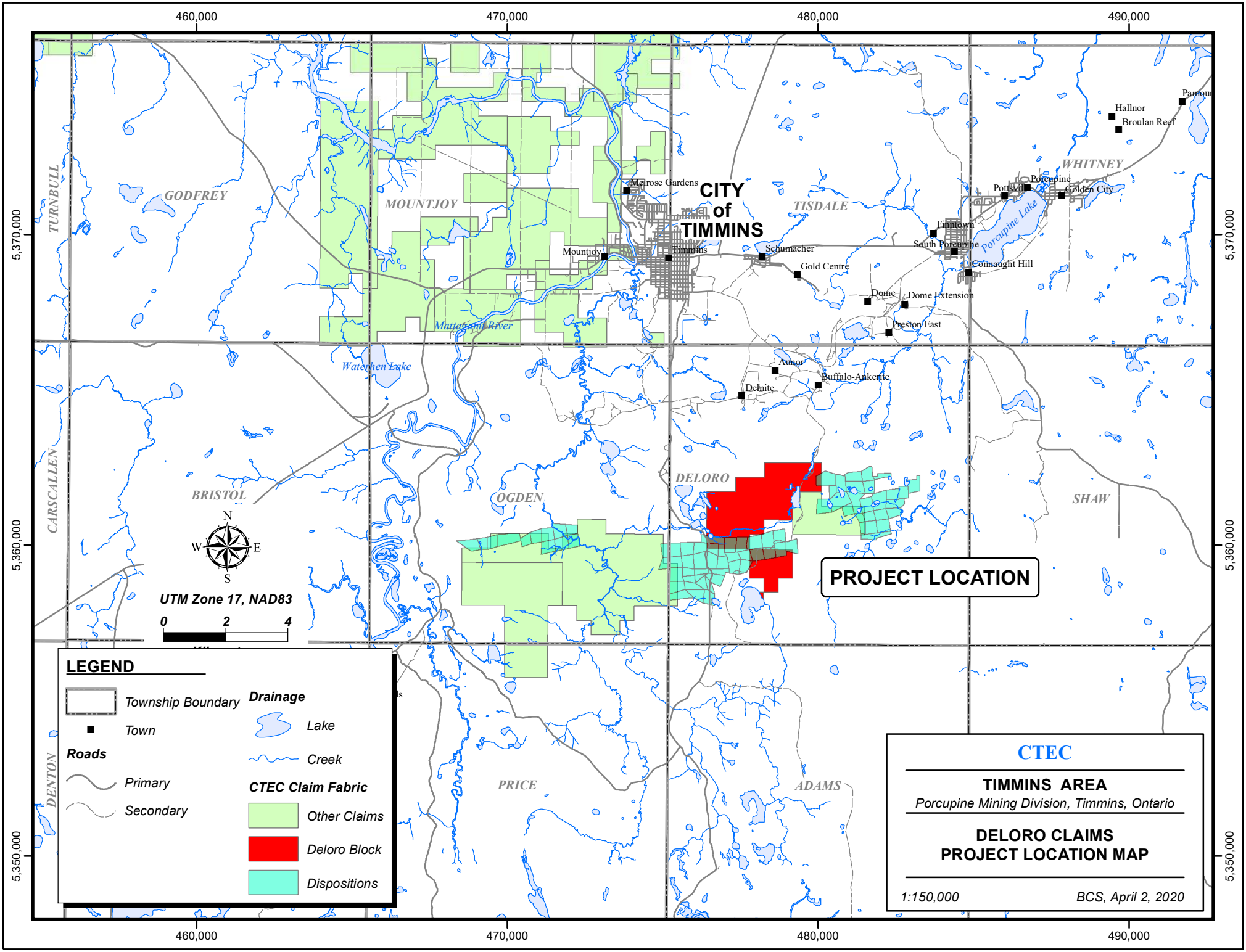
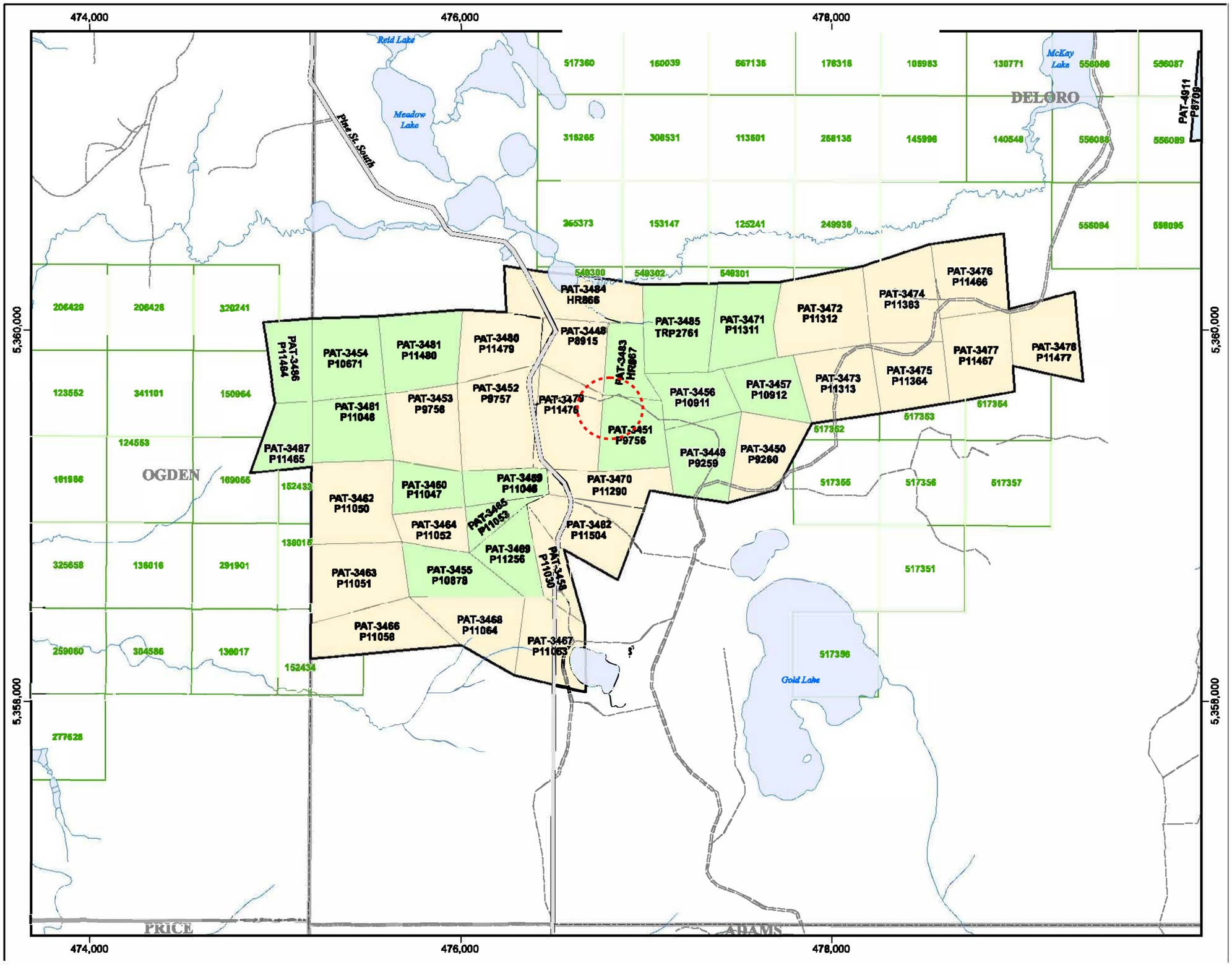

460,000
470,000
480,000
490,000
5,370,000
5,360,000
5,350,000
CITY of TIMMINS
Timmins
Mountjoy
Schumacher
Gold Centre
Dome
Dome Extension
Preston East
Aunor
Buffalo-Ankerite
Delnite
Melrose Gardens
Hallnor
Broulan Reef
Pamour
Porcupine
Pottsville
Golden City
Finntown
South Porcupine
Connaught Hill
Porcupine Lake
WHITNEY
TISDALE
MOUNTJOY
GODFREY
TURNBULL
CARSCALLEN
BRISTOL
OGDEN
DELORO
SHAW
PRICE
ADAMS
DENTON
Mattagami River
Watershen Lake
N
W
E
S
UTM Zone 17, NAD83
0 2 4
PROJECT LOCATION
LEGEND
Township Boundary
Town
Roads
Primary
Secondary
Drainage
Lake
Creek
CTEC Claim Fabric
Other Claims
Deloro Block
Dispositions
CTEC
TIMMINS AREA
Porcupine Mining Division, Timmins, Ontario
DELORO CLAIMS
PROJECT LOCATION MAP
1:150,000
BCS, April 2, 2020

Fig. 1

P2 GOLD / CTEC INC.

DELORO PROJECT
DAYTON DRILL AREA



LEGEND

Road
- *Primary*
- *Secondary*
- *Tertiary*

Drainage
- *Lake*
- *Swamp*
- *Creek*

- *Cell Claim*
- *Patent Outline*
- *Mining Rights Only*
- *Mining & Surface Rights*

UTM Zone 17, NAD83

1:20,000

0 250 500

metres

CLAIM CONFIGURATION

PATENT & CELL CLAIMS
with
New Tenure Number and
Original Disposition Number

Fig. 2

January 7, 2021

CLIMATE, PHYSIOGRAPHY and ACCESS

The group lies within the Boreal Shield and is marked by warm summer and cold, snowy winters with snow accumulations up to 2 metres. The climate is considered to be continental with overall temperature ranges of -40°C to +35°C. Despite the at times harsh climatic conditions, geophysical surveying and diamond drilling can be performed on a year-round basis. Geological mapping and geochemical sampling are typically restricted to the months of May through to October.

Much of this property is located within low undulating sand dunes covered by Jack pine, birch and poplar. Swampy organic terrain with spruce-tamarack-alder cover is also common. The west part of the grid area is an undulating, low sandy glacial outwash plain. Intermixed within these deposits are rare bedrock outcrops. The area is relatively undeveloped with some timbered areas.

The Mountjoy River provides major regional drainage. Significant tributaries on the property, such as Paradise Creek, drain westerly from McKay Lake to a cluster of numerous small lakes including Meadow, Reid, and Flynn Lakes.

The drill area is accessible by Pine St. South (Naybob Road) and numerous bush roads south and southwest of the Timmins city centre.

GEOLOGY AND MINERALIZATION

REGIONAL FRAMEWORK

The Deloro Project is part of the Central Timmins Project which lies within the Southern Abitibi Greenstone Belt (SAGB) of the Superior Province in northeastern Ontario. In very general terms, the Abitibi Sub-province consists of Late Archean metavolcanic rocks, related synvolcanic intrusions, and clastic metasedimentary rocks, intruded by Archean alkaline intrusions and Paleoproterozoic diabase dikes. The traditional Abitibi greenstone belt stratigraphic model envisages lithostratigraphic units deposited in autochthonous successions, with their current complex map pattern distribution developed through the interplay of multiphase folding and faulting.

At a regional scale, the distribution of supracrustal units in the SAGB is dominated by east- west striking volcanic and sedimentary assemblages. The structural grain is also dominated by east-west trending Archean deformation zones and folds. The regional deformation zones commonly occur at assemblage boundaries and are spatially closely associated with long linear belts representing the sedimentary assemblages. The dominant regional fault in this area is the Destor-Porcupine, referred to as the Destor-Porcupine Fault Zone (DPFZ). The current locations of these regional deformation zones are interpreted to be proximal to the locus of early synvolcanic extensional faults. Belt scale folding and faulting was protracted and occurred in a number of distinct intervals associated at least in the early stages with compressive stresses related to the onset of continental collision between the Abitibi and older sub-provinces to the north. Throughout the history of the Abitibi Sub-province, there was repeated plutonism defined by three broad suites: 1) synvolcanic plutons, 2) syntectonic intrusions that

range in age from 2695 Ma to 2680 Ma and include tonalite, granodiorite, syenite, and granite, and 3) post-tectonic granites that range in age from approximately 2665 Ma to 2640 Ma.

The volcanic and sedimentary rocks of the Timmins-Porcupine camp belong to the Deloro, Tisdale, Porcupine, and Timiskaming assemblages.

The Deloro assemblage only occurs to the south of the DPFZ. It is mainly composed of pillowed calc-alkaline mafic volcanic rocks, and constitutes the oldest volcanic rock assemblage in the camp. Intermediate to felsic volcanic and/or volcaniclastic rocks and iron formations are also present in the Deloro assemblage.

A disconformity and/or a reverse fault marks the contact between the volcanic rocks of the Deloro assemblage and those of the overlying Tisdale assemblage. In contrast to the Deloro assemblage, the Tisdale assemblage, in particular the Hersey Lake Formation, is present both to the south and to the north of the DPFZ.

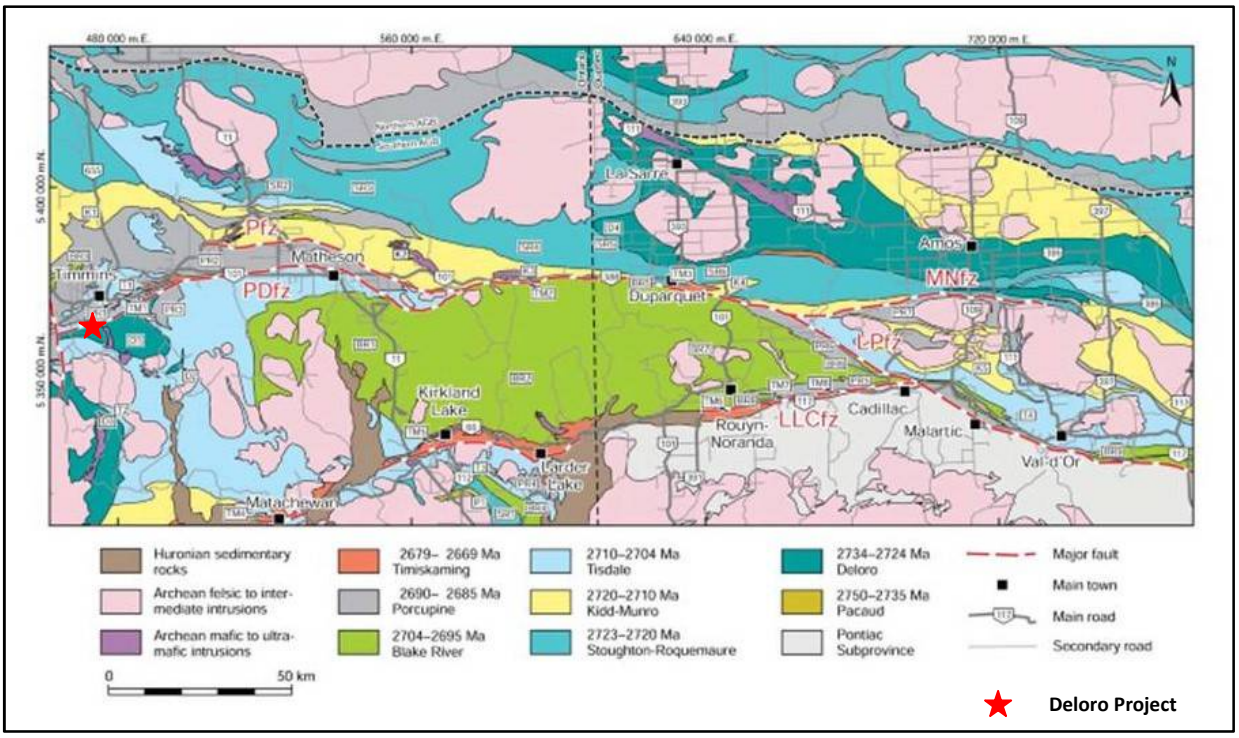


Fig. 3: Abitibi Geological Framework

The contact between the volcanic rocks of the Tisdale assemblage and the overlying sedimentary rocks of the Porcupine assemblage has been described as a disconformity. A distinct, discontinuous horizon of carbonaceous argillite (approximately 100m) separates the Tisdale and Porcupine assemblages in much of the camp. The Porcupine assemblage comprises the following, from base to top: (1) calc-alkaline pyroclastic and volcaniclastic rocks (debris flow, talus breccia) of the Krist Formation, (2) greywackes, siltstone, and mudstone of the Beatty Formation, and (3) greywacke, siltstone, and mudstone of the Hoyle Formation. Locally, minor conglomerate and iron formation are also present.

The sedimentary rocks of the Timiskaming assemblage (approximately 900 m thick) are only distributed along the north side of the DPFZ and unconformably overlie the Porcupine and Tisdale assemblages. The Timiskaming angular unconformity cuts both limbs of the Porcupine syncline.

The structural setting of the Timmins-Porcupine gold camp is complex and comprises several stages of deformation and/or strain increments. The main structural feature of the camp is the east-northeast to east-west trending ductile-brittle DPFZ. It is a poorly exposed, regionally extensive (approximately 550 km), long-lived major fault zone that can be more than 100 m wide. The DPFZ is characterized by steeply dipping penetrative composite foliations (S_3 and S_4). The fault zone is marked by highly strained mafic and ultramafic rocks of the Tisdale and Deloro assemblages, transformed into talc-chlorite schists as well as sedimentary rocks of the Porcupine and Timiskaming assemblages. Quartz ± carbonate veins and breccias, pervasive iron-carbonate hydrothermal alteration, and local development of fault gouge are also common within or in the vicinity of the fault zone.

Stratigraphic relationships indicate that, overall, the fault is characterized by a south-side-up motion, however, the fault zone has a complex geometry and kinematic history. The dip of the fault zone is steep and varies from north to south along its length with evidence for both vertical and strike-slip displacements. Presence of Porcupine assemblage sedimentary rocks and local volcanic rocks and/or intrusive rocks of the Hersey Lake Formation on both sides of the DPFZ indicate that it is not a terrane-bounding structure.

Most gold deposits in the camp are located in a carbonate alteration corridor that affects, with variable intensity, all rock units up to approximately five kilometres north of the DPFZ. This carbonate alteration footprint is particularly well developed in the flexure area, where the orientation of the DPFZ changes from an approximately east-west to west-southwest trend. The Dome fault is located in that flexure zone, and has been interpreted as a splay of the DPFZ as well as the faulted south margin of the Timiskaming basin.

DELORO PROJECT GEOLOGY

Lithologies belonging to the Deloro Group are the oldest Keewatin volcanics in the south (Elliott, 1987) and are mostly composed of andesites and rhyolites with associated iron formation and tuff units.

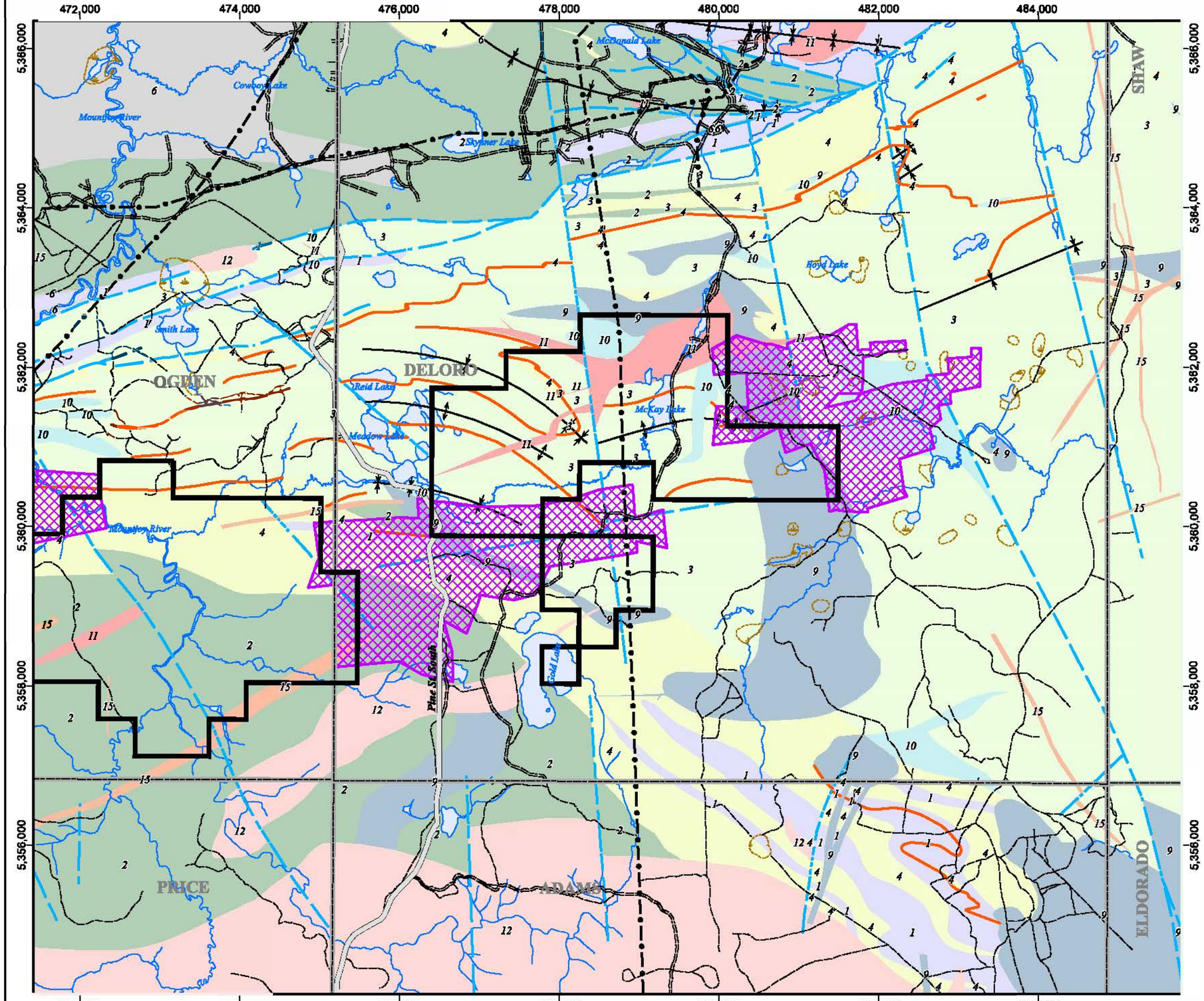
Outcrop is sparse on the Deloro Property and as such, little detailed geological information is known, being dependent primarily on local drilling. However, previous geological maps (OGS map P2455, P3436, P3595) indicate that intermediate to felsic metavolcanics with massive flows, tuffs, lapilli tuffs and agglomerate dominate with local oxide to sulphide facies iron formation**.** Mafic to ultramafic intrusive are locally prominent. The felsic porphyry suite dominates the central portion as does the north-southerly trending Shaw Lake Fault cutting through the central portion of the property. ***(Fig.4)***

General trends of the volcanics and iron-formation are N15W with steep SW dips. Variably intense alteration includes talc, chlorite, carbonate, and sericite with local pyrite mineralization (up to 15%) generally associated with several major oxide to sulphide facies iron formations.

CENTRAL TIMMINS EXPLORATION CORP.

DELORO TOWNSHIP

REGIONAL GEOLOGY
(after Abitibi Compilation, 2005)



N
W E
S

UTM Zone 17, NAD83

1:50,000

0 500 1,000

metres

LEGEND

Access

- *Primary*
- *Secondary*
- *Tertiary*
- *Power Line*

Drainage

- *Lake*
- *Swamp*
- *Creek*

CTEC Property

- *Claims Boundary*
- *Patents/Leases*

Geology

PROTEROZOIC

- *15 - Diabase Dykes*

ARCHEAN

- *12 - Felsic to Intermediate Intrusives*
- *11 - Porphyry Suite*
- *10 - Mafic Intrusives*
- *9 - Ultramafic Intrusives*
- *6 - Clastic Sediments*
- *4 - Felsic Volcanics*
- *3 - Intermediate Volcanics*
- *2 - Mafic Volcanics*
- *1 - Ultramafic Volcanics*

Geology Linears

- *Iron Formation*
- *Antiformal Axis*
- *Synformal Axis*
- *Fault*

Fig. 4

September 26, 2019

Diabase dikes are also prevalent on the property cutting across the southwestern region of the property. Elliot noted that the dike was mapped at 198 m in thickness with a strike of N60°E.

It was also noted by Elliot that the trend of the volcanics and iron formations was measured at N15°W with a steep dip to the southwest. Three main faults pass through the property in a north-south trend with the most prevalent being the most westerly "Meadow Lake Fault".

Pyrite mineralization was also found to occur spatially associated with stratigraphic contacts and locally fault hosted. The volcanic flows and sediments are believed to have been intruded by felsic to ultramafic sills and dykes and plutons with a large granodiorite mass located west of McKay Lake.

GOLD MINERALIZATION

Quartz-carbonate vein deposits are typically associated with deformed greenstone belts characterized by variolitic tholeiitic basalts and ultramafic flows in turn often intruded by intermediate to felsic porphyries along major crustal-scale fault zones.

Most gold deposits in the Timmins camp are located in a carbonate alteration corridor that affects, with variable intensity, all rock units up to approximately five kilometres north of the DPFZ. This carbonate alteration footprint is particularly well developed in the flexure area, where the orientation of the DPFZ changes from an approximately east-west to west-southwest trend. The Dome fault (Ferguson et al., 1968; Holmes, 1968; Rogers, 1982) is located in that flexure zone, and has been interpreted as a splay of the DPFZ (Davies, 1977; Proudlove et al., 1989; Brisbin, 1997) as well as the faulted south margin of the Timiskaming basin (Bateman et al., 2008).

The quartz-carbonate vein gold deposits range from simple to complex networks of laminated quartz-carbonate fault-fill veins within moderately to steeply dipping brittle to ductile shear/ fault zones with locally developed shallow dipping extensional veins and hydrothermal breccias. Extensive ankerite alteration is common and frequently accompanied by sericite and fuchsite. Gold is generally concentrated in the quartz-carbonate vein network but does occur in significant amounts within iron-rich sulphidized wall rock/vein selvages or within silicified and arsenopyrite-rich replacement zones often associated with iron formation.

The Deloro Project property covers structurally complex volcanic and intrusive stratigraphy south of the Destor-Porcupine Fault Zone with known historical gold mineralization including that reported by Dictore Porcupine Gold Mines (1940) having completed 3 drill holes of uncertain location and unknown length, including DDH No. 5 (0.23 oz gold per ton over a 5 foot core length). Of greater interest may be the 1937 Dayton Porcupine Gold Zone(s) in the western portion of the project area associated with locally silicified and sulphidized(?) banded iron formation. Sulphides are predominantly pyrite, pyrrhotite and arsenopyrite. Actual gold production is best exemplified by the former Faymar Gold Mine (1940-42, 119,181 tons @ 0.18 oz/t), a single (main) vein gold zone in the eastern portion of the property. The Deloro Project area continues to hold potential for additional Archean epigenetic gold deposits.

BASE METAL MINERALIZATION

Given the known geology of the property, base metal mineralization potential in this area may be both of the Volcanogenic Massive Sulphide (VMS) and komatiite-associated Ni-Cu-(PGE) types.

VMS deposits are synvolcanic accumulations of metal enriched sulphide minerals found in geological domains characterized by submarine volcanic rocks, commonly tholeiitic to transitional and bimodal. These deposits are often spatially associated with synvolcanic faults, rhyolite domes or paleo-topographic depressions, caldera rims, or subvolcanic intrusions. The sulphides represent exhalative deposits in favourable settings that enable the focused discharge of hot, metal-rich hydrothermal fluids from sub-seafloor fluid convection systems, driven by large, 15 km to 25 km long high level subvolcanic intrusions.

Idealized, un-deformed and un-metamorphosed Archean VMS deposit typically consists of a concordant lens of massive sulphides, typically containing in excess of 60% pyrite-pyrrhotite-sphalerite-chalcopyrite-(magnetite). These cap a discordant stockwork or stringer zone of vein-type sulphide mineralization with pyrite-pyrrhotite-chalcopyrite-(magnetite) generally contained in a pipe of hydrothermally altered rock. A deposit may consist of several individual massive sulphide lenses and their underlying stockwork zones. Stockwork zones are thought to be near-surface channel ways of submarine hydrothermal systems with massive sulphide lenses representing the accumulation of sulphides precipitated from the hydrothermal solutions on the sea floor above and around the discharge vent.

Deformation, faulting and other structural complexities frequently result in discordant stockwork vein systems or pipes. The associated pipes are typically comprised of inner chloritized cores surrounded by an outer zone of sericitization and occur centrally to more extensive and discordant alteration zones. Alteration zones and pipe systems may extend vertically below a deposit for several hundred metres or may continue above the deposit for tens to hundreds of metres as a discordant alteration zone. Proximal alteration zone and attendant stockwork/pipe vein mineralization have been known to connect in a series of stacked massive sulphide lenses, evidence for synchronous and/or sequential phases of ore formation during successive breaks in volcanic activity.

The Ni-Cu-(PGE) deposits are komatiite hosted often with geometries defined by lava channel or sheet flows such as the Timmins area historical Alexo and Langmuir deposits among others. On a different scale are those mineralized sills such as Dumont and most recently, the evolving Crawford deposit north of Timmins, hosted in the Crawford Ultramafic Complex (CUC). This has been modelled as a differentiated ultramafic to mafic komatiitic flow (sill) comprised primarily of dunite (+90% olivine) and peridotite (+40% olivine).

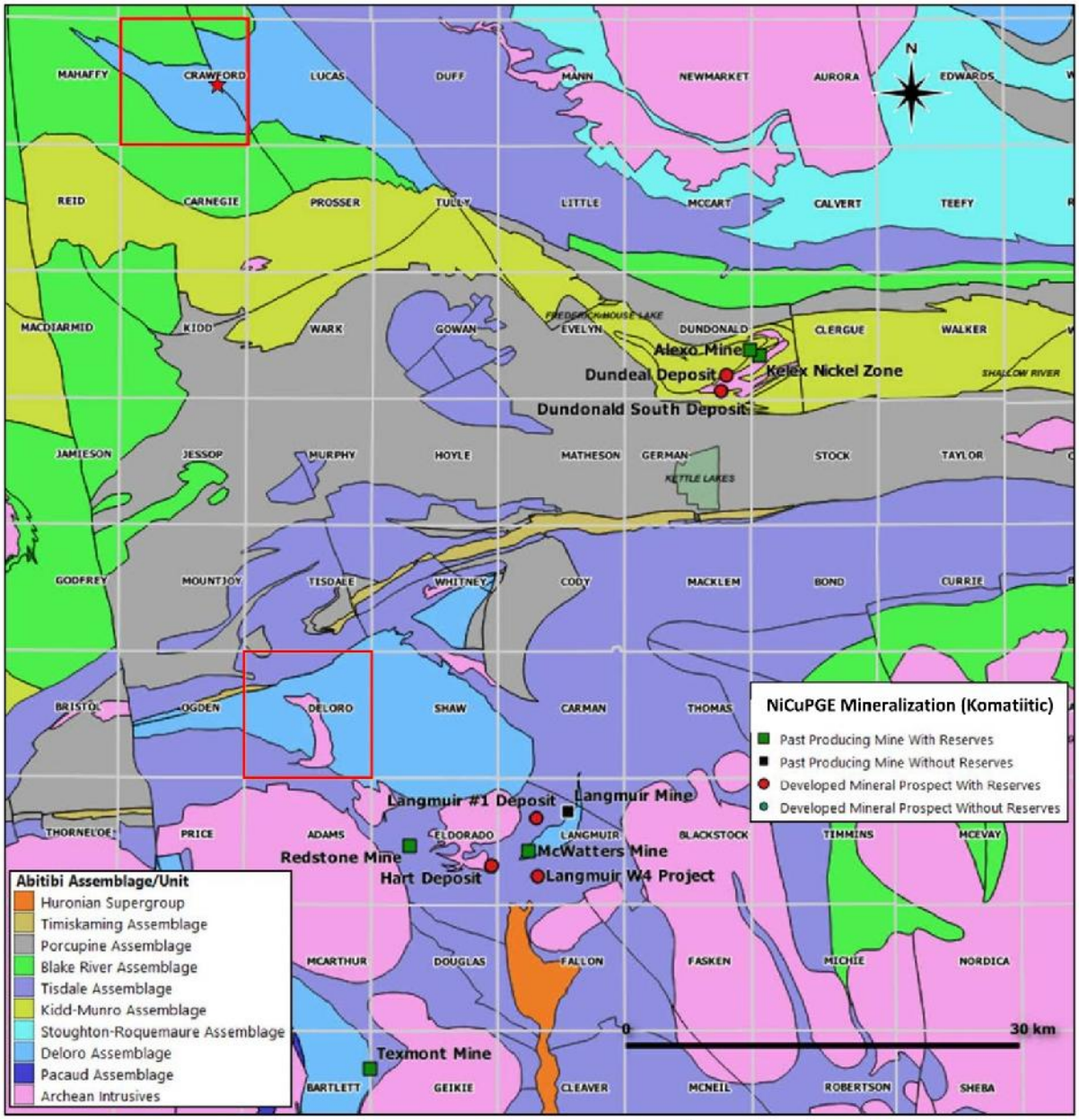


Fig. 5: Location of Ni-Cu-(PGM) Deposits

Crawford Ultramafic Complex (red star) and CTEC Deloro Project (yellow star)

After Ayer et al., (2005) and Ontario Geological Survey MRD155, Canada Nickel 43-101 Report

Although no significant nickel mineralization has been found on the Deloro property, the Crawford geology and mineralization information is illustrative of the Deloro Assemblage potential. It is directly quoted below from the December 43-101 Canada Nickel report on the deposit;

"Sulphide mineralization discovered to date on the Crawford Project can be characterized as Komatiite-hosted Ni-Cu-Co-(PGE) deposit type, which recognizes two sub-types (Lesher and Keays, 2002). Sulphide nickel-copper-cobalt-PGE mineralization in the Crawford Ultramafic Complex is interpreted as most similar to Mt. Keith-style. Mt. Keith-style (Type II) is based on sheet flow theory (Lesher and Keays, 2002) and is characterized by thick komatiitic olivine adcumulate-hosted, disseminated and bleb sulphides, hosted primarily in a central core of a thick, differentiated, dunite-

peridotite dominated, ultramafic body. More common nickel sulphides such as pyrrhotite and pentlandite are present but also sulphur poor mineral Heazlewoodite (Ni3S2) and nickel-iron alloys such as Awaruite (Ni3-Fe). These deposit types are generally on the order of 10s to 100s of million tonnes with nickel grades of less than one percent (e.g., Mt. Keith, Australia; Dumont Deposit, Quebec).

And on alteration;
"Dunite and peridotite intersected in diamond drilling is extensively serpentinized. The process of serpentinization involves the introduction of water into the rock which leads to a substantial volume increase. Fresh, unaltered dunite and peridotite typically has an SG ranging from 3.2 to 3.4. Core samples from drilling have SG measurements ranging in general from 2.61 to 2.63, and this along with observations recorded from drill core, support the inference that the rocks have been strongly serpentinized.

Serpentinization breaks down the olivine and other silicate minerals, resulting the liberation of nickel and iron in a strongly reducing environment. The result is the liberated nickel partitions into low-sulphur sulphides like heazlewoodite and into the nickel-iron alloy, awaruite."

Note that the authors also report that;
"Core log descriptions from historical drill holes (1960s/1970s) and from the 2018 to 2020 diamond drill holes, describe intersections of ultramafic rocks (dunite-peridotite) and their serpentinized equivalents, but do not report any significant visible sulphide mineralization, suggesting very low sulphur conditions."

"Higher Grade Nickel Zone Diamond drilling core assay results to date allow for the delineation of two higher grade (>0.30% Ni and >0.35% Ni) regions (modelled grade shells) within the larger core High-Grade Zone (>0.25% Ni), which in turn are within the larger enveloping Low-Grade Zone (>0.15% Ni), all contained within the host ultramafic body of the CUC"

DELORO PROJECT SELECTED HISTORY

The exploration and development history of the greater Deloro Project has been sporadic and not as intense as the northern and western portion of Deloro Township and other areas of the Timmins gold camp. The Porcupine District Resident Geologist Office assessment files in Timmins, Ontario, contain most of the exploration files associated with this property. In addition to diamond drilling and geophysical surveys, several instances of historical trenching, stripping, and minor shaft sinking have been documented.

From 1911 to 1940 Dictore Porcupine Gold Mines Ltd. drilled several holes in the general project area. According to Carlson (1967), Dictore is reported to have completed 3 drill holes of uncertain location and unknown length, including DDH No. 5 with the best assay value of 0.23 oz gold per ton over a 5 foot core length.

Geological mapping and minor trenching and test pitting on the Dayton Race Track property was conducted in 1936 (Storer, 1936).

From 1937 to 1939 Dayton Porcupine conducted diamond drilling along the footwall of the northern outcrop area with shallow holes and appear to be concentrated around the near surface exposures of the iron formations and oxidized carbonate rich zones. The drill plans show that the drilling program was completed in 1939. A total of 30 diamond drill holes were completed for 3,020 meters of drilling with most holes drilled dipping -45° and -60° to an average depth of 100 meters (Hatch 1937).

Lynx-Canada Explorations in 1964 and 1965 completed geological, magnetometer and electromagnetic surveys, as well as limited diamond drilling with no commercial mineralization found.

In 1967 the ODM published The Geology of Ogden, Deloro, Shaw Townships, by H.D. Carlson (OFR No. 5012, Preliminary Map 342), who had completed geological mapping and data compilation in 1964/65.

In 1979 Amax Minerals Exploration undertook a South Timmins Area multi township Aerodat A.E.M helicopter survey totalling 2,733 line km that covered more than the north western half of Deloro Townships, including the current project area. Here survey lines were flown approximately N20°W and spaced at 200m with an average altitude of 55m of the sensor. Several properties were staked on the basis of the results.

In 1981 Amax Minerals Exploration undertook a detailed geological survey on a group of 11 claims in west central Deloro Twp. The southern portion of the property is within the current project's west area and was interpreted to be underlain by Upper Deloro Group rocks, south of the Destor-Porcupine Fault.

In 1984 Noranda Exploration Company Ltd. completed ground magnetometer and very low frequency (V.L.F.) E.M. surveys over a group of eight claims immediately west of McKay Lake and under option from Canamax Resources Inc. The magnetometer and V.L.F. surveys were performed along N-NW oriented grid lines spaced 100 metres apart with station intervals for both surveys of 25 metres. A total of 13.85 line km of magnetometer surveying and 11.15 line km of V.L.F. surveying was completed.

In 1987 the area and Dayton Gold Zone was reviewed for a prospectus report by W. J. Elliott.

In 1989 Lapierre Exploration Services completed a geological survey for Kingswood Exploration (1985) Limited, to identify areas of mineral potential for follow-up exploration.

In 1992 Lapierre Exploration Services completed an OMIP report for 944389 Ontario Inc. covering the historical, geophysical and geological setting of the Lynx claim group and undertook linecutting, geophysical (TFM, IP, VLF), geological and stripping and washing surveys to determine any anomalous areas potentially exposed geophysical and/or geological importance for potential exploration of the claim group.

Geological work completed on the eastern portion of the Dayton - Race Track property was a geological mapping update/compilation of Carlson's work in 1964 by the OGS in 2003. An electronic version of the township geology (P3528) was completed by Hall, MacDonald and Dinel during this time period.

The western portion of the property into Ogden Township had various exploration programs from 2004 to 2006. A magnetic survey with minor outcrop stripping and blasting was concluded in the fall of 2003 (Robinson, 2004). This program was followed up with a Mobile Metal Ion survey which identified eight separate structural features on the property (Robinson, 2005). The follow-up induced Polarization in 2006 verified these structures as being high chargeability - low resistivity features similar to the eastern portion of the property.

In 2007, OGS mapping of Central Deloro Township was undertaken by Houle and Hall as part of the Geological Compilation of the Shaw Dome Area (Preliminary Map P3595, scale 1:50,000)

In 2010 SGX Resources carried out diamond drilling on their Lynx Project under an option agreement until 2011. A 4 hole 1,421m NQ drill program tested geological and induced polarization anomalies in the general area of Dictore hole No.5.

In 2010 Claimpost Resources completed 6 diamond drill holes in the SW portion of the project area (grids CT-D-01 and 02). Drill holes CPDP-10-01 to 07 totalling 2,324m tested an area of detailed historical drilling by Dayton-Porcupine (24 shallow holes) on gold mineralization as well as related deeper IP targets.

Continued Claimpost drilling in 2011 totalling 4,350m (CPDP-11-08 to 20) primarily tested the Dayton (2) Gold Zones with 7 short (<100m) drill holes as well as with deeper, scissor and profile holes (3). Additional holes (3) were completed off the current profiles.

Claimpost in 2011 undertook a GEOTEM airborne EM/Mag geophysical survey over the entire claim block by Fugro Airborne Surveys. Modeling of the airborne survey (552 line km) resulted in the identification of several conductors.

In 2018, CTEC completed MMI sampling in Deloro Township (1164 samples). The 2018 sampling was to detail certain areas of previous exploration drilling and geophysical airborne and ground surveys that had been re-interpreted. These areas have been identified as CT-D-01, CT-D-02, CT-D-03, and Lynx, and captured in a 2020 assessment report.

2018 also saw diamond drilling by CTEC in the vicinity of the historical Dictore No.5 drill hole on the Lynx Grid with 4 holes completed totalling 1,602m as per a 2020 assessment report.

In 2019 drill hole D-19-05 (507m) was drilled immediately north of the Dayton Gold Zone in conjunction with some resampling of a previous Claimpost drill hole.

CTEC DIAMOND DRILL PROGRAM

The drill program and related activities were carried out from July 22 to September 30, 2019, and consisted of 2 diamond drill holes with a total meterage of 369 metres. The drill holes focused on the historical Dayton Porcupine ("Dayton") Gold Zone, last drilled by Claimpost Resources in 2010 and 2011 with older drilling by Dayton-Porcupine dating back to 1937.

Drill hole	Easting*	Northing*	Dip (°)	Azimuth (°)	Length (m)
D-19-06	476745	5359471	-60	13	237
D-19-07	476796	5359434	-45	13	132
				Total	**369**

*NAD 83 Zone 17

Table 1: CTEC Drill Hole Summary

Dayton Gold Zone

The main rock-types underlying the Dayton Porcupine property are volcanic flows of andesite composition containing irregular beds of agglomerate and iron formation. Mafic and ultramafic intrusives occur in the southeastern section of the property as serpentinized diorite and pyroxenite, and are related to the large sill-like intrusions of dunite and peridotite to the east of the property. A diabase dyke, up to 200m wide and striking N60E, cuts across the southwestern section of the property as do 3 faults in a general north-south direction. The Meadow Lake Fault is the most westerly branching south of the property to strike almost parallel to the general trend of the volcanics within ~300m of the known gold mineralization.

Dayton-Porcupine gold-bearing veins and breccias are within a variably deformed mafic volcanics, clastic meta-sediment and iron formation. This suite is sandwiched by sheared ultramafic volcanics. Intermediate rocks, felsic porphyry and diabase intrusions also present in the area. Gold mineralization is associated with locally silicified and sulphidized(?) banded iron formation. Sulphides are predominantly pyrite, pyrrhotite and minor chalcopyrite and sphalerite.

Historically the main No.1 Zone consists of a band(s) of sulphide-bearing siliceous iron formation striking N65°W contained within pillowed andesite. The 1937 Dayton Porcupine Mines diamond drill program (24 ddhs) completed relatively shallow drill holes over a strike length of ~550m and which delineated a gold-bearing zone ~400m in length with continuity to a depth of ~100m and an average true width up to ~4m. Additional Dayton Porcupine drilling to the northwest of the No.1 Zone intersected similar iron formation potentially a zone extension. Referred to as the Northern Zone, 3 of 5 drill holes intersected iron formation over core lengths of ~6 to 12m, with only minor and narrow gold values.

More recent drilling both within and peripheral to the zones by Claimpost (drill holes CPDP-10-01 to 07; 2,324m, CPDP-11-08 to 20; 4,350m) confirmed the tenor of the gold mineralization and expanded the zone to an overall depth of ~150m.

476,200 476,400 476,600 476,800 477,000

5,360,200 5,360,000 5,359,800 5,359,600 5,359,400 5,359,200

PAT-3484 PAT-3485 PAT-3480 PAT-3448 PAT-3483 PAT-3456 PAT-3452 PAT-3479 PAT-3451 PAT-3459 PAT-3470 PAT-3463 PAT-3482

DIOR IFOX ANDS SERP

CPDP11-08 CPDP10-06 CPDP11-13 DDH-06 DDH-22 DDH-12 DDH-14 DDH-28 DDH-26

D-19-05 D-19-06 D-19-07

DDH-24 DDH-02 DDH-04 DDH-20 CPDP11-19 DDH-03 CPDP11-18 DDH-08 DDH-10 DDH-18A DDH-18 DDH-01 CPDP11-17 DDH-15 CPDP11-16 DDH-05 DDH-13 CPDP10-07 CPDP11-15 DDH-17 CPDP10-02 DDH-11 CPDP11-14 DDH-19 CPDP10-01 CPDP10-03 CPDP10-04 CPDP10-05 DDH-07 CPDP11-20 DDH-09

PINE STREET SOUTH

N W E S

UTM Zone 17, NAD83

1:2,000

0 50 100

metres

LEGEND

- Property Boundary
- CTEC Patent
- Primary Road
- Tertiary Road/Trail

Drainage

- Lake
- Creek
- Drill Trace - CTEC
- Drill Trace - Historical
- Au histogram (1gpt Au = 1m)

Outcrop Lithology
(Dayton Porcupine, 1937)

- ANDS - Andesite
- DIOR - Diorite
- IFOX - Iron Formation
- SERP - Serpentinite

CTEC

DAYTON PROJECT, Deloro Twp., Timmins

DAYTON GOLD ZONE

DRILL HOLE LAYOUT

Fig. 6

BCS,January 2021

The quartz-carbonate-sulphide veining is associated with moderate to sub-vertical, narrow, shear zones with sparse disseminated pyrite, pyrrhotite, and +/- chalcopyrite. This mineralization appears to be younger and was seen to truncate the heavy or massive sulphide mineralization style.

Massive sulphide mineralization is hosted within the brittle structures including quartz breccia and iron formation. This is generally higher grade, varies in widths from <1m up to 14m as noted in CPDP-10-01, discontinuous, with pinch and swell lens-like bodies and locally low angle to moderate dipping structures. Sulphide mineral assemblages include pyrite/pyrrhotite/chalcopyrite/sphalerite/hematite as aggregates and blebs becoming semi-massive.

D-19-06 and 07

Both drill holes tested the Dayton Gold Zone providing additional modelling data and verifying previous historical gold values. Both narrow and broader gold mineralization associated with quartz-sulphide veining and semi to massive sulphides was intercepted.

D-19-06 was drilled northerly in sync with the bulk of the historical drilling and collared directly behind Dayton-Porcupine drill hole D-17 and displaced westerly between holes CPDP-10-01 and 02. This profile covering a 25m wide window includes drill holes CPDP-10-01 to 04 as well as CPDP-11-15 and scissor hole CPDP-10-07 which had returned no gold values. D-19-06 and CPDP-10-01 intersected similar gold mineralization both with respect to depth and tenor. Gold mineralization in both drill holes is tied to quartz vein/breccia zones of which there are 2 in D-19-06. In D-17 the mineralization is described as the No.1 Ore Zone being silicified with significant pyrrhotite and lesser pyrite and is believed to be of a similar nature.

Dayton-Porcupine D-17;*
9.14m @ 2.81 g/t Au (99.1-108.2m)

Claimpost CPDP-10-01;
14.07m @ 1.69 g/t Au (107.11-121.18m) in qtz-sulphide veining/breccia and bleby sulphide, including
4.93m @ 2.67 g/t Au (107.11-112.04m) or
0.43m @ 7.17 g/t Au (110.08-110.51m), and
0.54m @7.61 g/t Au (111.50-112.04m), and
4.48m @ 1.76 g/t Au (116.70-121.18m) or
0.55m @ 4.91 g/t Au (120.63-121.18m)

CTEC D-19-06;
0.80m @ 2.56 g/t Au (94.5-95.3m)
6.35m @ 3.28 g/t Au (112.30-118.65m) in qtz-sulphide vein and semi-massive sulphide, including
3.50m @ 4.26 g/t Au (112.30-115.80m), and
1.65m @ 3.39 g/t Au (117.00-118.65m)

Testing was also carried out on a limited number of samples (6) in the D-19-06 gold zone, all returning <5 to 5ppb PGM.

D-19-07 intersected a well mineralized cherty mafic tuff with a narrow 0.55m semi massive interval with 30% pyrrhotite and accessory sphalerite that continued uphole for 3.25m with up to 5% pyrrhotite. Gold values peaked at the upper part of this zone with 7.01 g.t Au over 0.60m. The semi-massive sulphide lower interval returned 1.10 g/t Au over 0.55m. Within this overall interval, veining variability does not correlate with resultant gold grades. No other gold mineralization was intersected and that in Dayton-Porcupine drill hole D-19 was verified although here the intersection was significantly wider. Again the mineraliztion in D-19-07 is correlated with quartz vein/breccia zone(s), with the D-19 No.1 Ore Zone being described as silicified andesite overall with higher gold intervals characterized by quartz, pyrrhotite, and pyrite.

CTEC D-19-07;
3.80m @ 1.47 g/t Au (87.40-91.20m) in massive sulphide, or
0.60m @ 7.01 g/t Au (87.40-88.00m) and 0.55m @ 1.10 g/t Au (90.65-91.20m)

Dayton-Porcupine D-19;*
12.2m @ 1.7 g/t Au (89.9-102.1m), or 7.6m @ 2.3 g/t Au (93.0-100.6m), with
0.8m @ 3.1 g/t Au and 3.1m @ 3.0 g/t

Testing was also carried out on a limited number of samples (6) in the D-19-07 gold zone, all returning <5ppb PGM.

*Note:

- Gold values for drill hole D-17 and D-19 are purely historical and based on applying a $35/ounce conversion to g/t Au.
- Sample length has been converted from imperial to metric
- Rounding has been applied to both grade and length.

Two zones of weakly anomalous PGM values were found historically in CPDP-10-04 having drilled potential Crawford type ultramafic host rocks. The dominant host rock from 246.36 to 290.0m was reviewed and believed to be strongly magnetic peridotite in uphole fault contact with metaseds and andesite. Previously this interval consisted of variably altered porphyritic, jointed, and moderately magnetic dunite with scattered quartz and chlorite stringers.

From (m)	To (m)	Length (m)	Sample No.	Au (ppb)	Pt (ppb)	Pd (ppb)
271.41	272.21	0.80	257433	0.01	34.0	24.0
272.21	273.46	1.25	257434	0.01	9.0	13.0
273.46	274.63	1.17	257435	0.01	240.0	180.0
284.02	284.55	0.53	257430	0.01	6.0	6.0
284.55	285.45	0.90	257431	0.01	6.0	10.0
285.45	286.21	0.76	257432	0.01	6.0	6.0

Table 2: Historical PGM Data DDH CPDP-10-04

CONCLUSIONS

Drilling has confirmed, what may best be described as an epigenetic non-stratiform BIF-hosted gold mineralizing system, over a current estimated strike of 100m, width of 7 to 14m, and depth to 200m open in all directions. In addition, the historical gold mineralization in the Dayton Gold Zone continues to be verified. Favourable host rocks are suitably altered, fractured, and locally veined with variable suphide mineralization, including pyrite, pyrrhotite, chalcopyrite, and sphalerite, and have been intersected in most of the drill holes. Higher grade gold mineralization is generally narrow and mineralization continuity has been difficult to establish given the suspected association with fold noses and limbs and accompanying structural fracturing and brecciation.

Preliminary structural data plotting from D-19-06 indicates that quartz-carbonate-pyrite veins tend to have moderate to steep S/SW/SE dips while the more massive quartz breccia hosted sulphides have low to moderate S/SW dips.

Lithologies drilled are reflected in the ground magnetic data with highest mag responses tracking the iron-formation and ultramafic units immediately to the north/northwest of the Dayton Gold Zone. Similarily both chargeability and resistivity IP results map main lithologies.

To date local MMI Au results and responses have been found to correlate poorly with the known gold mineralization, potentially due to sample density/profile spacing and variable soil profiles.

In depth analysis and testing of ultramafic intrusives and flows for Crawford type nickel mineralization has not been pursued.

RECOMMENDATIONS

In Deloro Township the Dayton Gold Zone remains the most significant known gold mineralization after the past producing Faymar Gold Mine and as such does represent economic potential. The expansion and potential definition of a resource requires significant additional drilling in areas of historical drilling (pre 2010). This should be undertaken after in-depth examination of all previous drilling and structural modelling focused on tracking and projecting mineralization to scale up the zone potential. A limited number of shallow and targeted definition drill holes would be required to test modelling. Alternate drill hole azimuths to the current and traditional drill orientation should be considered pending structural considerations. No further work would be recommended if this testing fails to establish mineralization predictability or continuity.

Although currently hampered by limited data, the potential for PGM mineralization and Crawford type nickel mineralization should be assessed in greater detail.

476,600

476,800

5,359,600

5,359,400

UTM Zone 17, NAD83

1:1,000

0 25 50

metres

LEGEND

- Property Boundary
- Tertiary Road/Trail
- Section Line
- Drill Trace - CTEC
- Drill Trace - Historical
- Au histogram (1gpt Au = 1m)

Outcrop Lithology

- ANDS - Andesite
- DIOR - Diorite
- IFOX - Iron Formation

MMI Au Response Ratio

posted - ppb Au (sample media)

- >20 RR
- 10 - 20
- 5 - 10
- 1 - 5
- 0 - 1

Sample Media Code

C - Clay
G - Gravel
H - Humus
S - Sand
SL - Silt

CTEC

DAYTON PROJECT, Deloro Twp., Timmins

DRILL HOLE LAYOUT
MMI GOLD GEOCHEMISTRY
on
TOTAL FIELD GROUND MAGNETICS

Fig. 7

BCS, November 2020

476,600

476,800

5,359,600

5,359,400

DDH-13
DDH-18A
DDH-0
DDH-04
DDH-20
DDH-03
DDH-08
DDH-10
DDH-01
DDH-15
DDH-05
DDH-17
DDH-11
DDH-19
DDH-07
DDH-09
CPDP11-19
CPDP11-18
CPDP11-17
CPDP11-16
CPDP11-15
CPDP11-14
CPDP11-20
CPDP10-01
CPDP10-02
CPDP10-03
CPDP10-04
D-19-06
D-19-07

0.2 (S)
0.3 (S)
0.1 (S)
0.2 (C)
0.05 (S)
0.05 (H)

N
W
E
S

UTM Zone 17, NAD83

1:1,000

0 25 50

metres

LEGEND

Property Boundary

Tertiary Road/Trail

Section Line

Drill Trace - CTEC

Drill Trace - Historical

Au histogram (1gpt Au = 1m)

Outcrop Lithology

ANDS - Andesite

DIOR - Diorite

IFOX - Iron Formation

MMI Au Response Ratio

posted - ppb Au (sample media)

>20 RR

10 - 20

5 - 10

1 - 5

0 - 1

Sample Media Code

C - Clay
G - Gravel
H - Humus
S - Sand
SL - Silt

Apparent Resistivity

Ohm-m

698 1152 1573 2112 2811 3812 4302 6058 10706

CTEC

DAYTON PROJECT, Deloro Twp., Timmins

DRILL HOLE LAYOUT
MMI GOLD GEOCHEMISTRY
on
APPARENT RESISTIVITY

Fig. 8

BCS, November 2020

476,600

476,800

5,359,600

5,359,400

UTM Zone 17, NAD83

1:1,000

0 25 50

metres

LEGEND

- Property Boundary
- Tertiary Road/Trail
- Section Line
- Drill Trace - CTEC
- Drill Trace - Historical
- Au histogram (1gpt Au = 1m)

Outcrop Lithology

- ANDS - Andesite
- DIOR - Diorite
- IFOX - Iron Formation

MMI Au Response Ratio

posted - ppb Au (sample media)

- >20 RR
- 10 - 20
- 5 - 10
- 1 - 5
- 0 - 1

Sample Media Code

C - Clay
G - Gravel
H - Humus
S - Sand
SL - Silt

Total Chargeability
mV/V
0.9 2.6 4.9 5.4 5.9 6.4 6.8 7.3 7.7 8.1 8.6 10.0 13.9

CTEC

DAYTON PROJECT, Deloro Twp., Timmins

DRILL HOLE LAYOUT
MMI GOLD GEOCHEMISTRY
on
IP CHARGEABILITY

Fig. 9

BCS, November 2020

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Appendix A

Drill Holes D-19-06 and 07 Drill Logs, Sections, Plans

CENTRAL TIMMINS EXPLORATION CORPORATION
DIAMOND DRILLING GEOLOGY LOG SHEET

HOLE ID D-19-06
PROJECT Deloro
PURPOSE Exploration

COORDINATES

	EASTING	NORTHING	RL	AZI	DIP
PROPOSED	476744.49	5359471.01	315	13.1	-60
ACTUAL					
RIG ID	SMP-01				
DRILLER					

DRILLING

	START	END
DATE	21-Jul-19	23-Jul-19
DEPTH	0	237
BIT		
SIZE	NQ	ND

DOWNHOLE SURVEY

	DEPTH	AZI	DIP	MAG	INSTRUMENT	
1	42	19.52	-60.72	55438	Reflex EZTrac	
2	72	22.53	-60.12	55744	Reflex EZTrac	
3	102	23.4	-59.62	55462	Reflex EZTrac	
4	132	21.9	-59.36	55199	Reflex EZTrac	
5	162	36.17	-59.47	54282	Reflex EZTrac	Resurvey
6	192	42.24	-59.66	54337	Reflex EZTrac	Resurvey
7	222	31.29	-60.04	53028	Reflex EZTrac	Resurvey

	NAME	DATE
Logged By	RMP	2019-07-08
Reloaged By		
Checked By		
Rechecked By		
Page		

ASSAY CERTIFICATES

Actlabs		
from	to	Cert. #
775151	775250	A19-10872
775233	775239	A19-10872-1C

DEPTH		ROCK DESCRIPTIONS																						COMMENTS	VEINING								ASSAYS										
										Color			Alteration		Minerals										Depth			Infill Minerals					Interval										
															Min1			Min2			Min3																						
From	To	Rock Unit	Lithology1	Lithology2	Texture	Hardness	Weathering	Oxidation	Acid Rxn	Intensity	Color1	Color2	Altn_Type	Altn_Int	Min	%	Mode	Min	%	Mode	Min	%	Mode		From	To	Vein_Type	Min1	Min2	Min3	Vein_Style	ACA	From_m	To_m	Sample No	QV%	PY%	Ore minerals	Notes	Au_ppm	Pt_ppb	Pd_ppb
0.00	12.00	OVB	OVB	OVB																				Overburden/Casing	33.95	35.4	QBX	py	po	cpy	hbx	30	12.40	13.50	775151	3	2	py	Sheared/foliated Tuff (volc), strong deformation, diss py up to 3%	0.015		
12.00	18.10	UMR	UMR	TUF	Fol		0	FR	3	lt	gm		SER	3	py	2	dis	py	1	vns				Strongly foliated, greenish tuffaceous rock, with deformed, carbonate-chlorite veinings parallel to foliation at 50-60 LCA. Fine pyrite disseminations and stringers common up to 2%.	44.5	44.75	QVN	py	chl	cab	com	50	13.50	15.00	775152	3	2	py	Sheared/foliated Tuff (volc), strong deformation, diss py up to 3%	0.006		
18.10	18.80	INT	POR	POR	Por		0	FR	2	lt	gry	pnk	SER	2	py	3	dis							Porphyritic rocks, some pinkish feldspars with 2-3% fine pyrites. Moderately calcareous matrix.	47.9	48.1	QBX	py	po	cab	hbx	70	15.00	16.50	775153	3	3	py	Sheared/foliated Tuff (volc), strong deformation, diss py up to 3%	0.009		
18.80	19.48	DIA	DIA	DIA	Mas		0	FR	0	dk	blk		UAD	2	py	0.5	dis							Massive, dark colored, diabase dike. Trace pyrites.	53.2	53.5	QVN	py	po	chl	com	60	16.50	18.00	775154	3	3	py	Sheared/foliated Tuff (volc), strong deformation, diss py up to 3%	< 0.005		
19.48	23.04	UMR	UMR	TUF	Fol		0	FR	3	lt	gm		SER	3	py	3	dis	py	1	vns				Strongly foliated, greenish tuff, with highly deformed, carbonate veins. Fine pyrite disseminations and stringers up to 3%.	68.4	68.45	QVN	py	chl	cab	com	60	18.00	18.70	775155	1	3	py	Sheared/foliated Tuff (volc), strong deformation, diss py up to 3%	< 0.005		
23.04	23.95	DIA	DIA	DIA	Mas		0	FR	0	dk	blk	brn	HEM	1	py	1	dis							Massive, gray colored with reddish brown tinge, diabase dike. Trace pyrites. Weak carbonate veinlets, local chlorite veinings.	71.9	71.96	QVN	py	chl	cab	com	60	18.70	19.50	775156		1	py	QFP/ Porphyry, py >3%	0.006		
23.95	24.12	UMR	UMR	SHR	Fol		0	FR	2	lt	gm		SER	3	py	2	dis							Foliated Tuff with fine diss pyrite, broken core, fault zone.	85.7	85.8	QBX	py	po	cab	com	60	19.50	21.00	775157	3	3	py	Black, dark FG, diabase dike	< 0.005		
24.12	27.20	DIA	DIA	DIA	Mas		0	FR	0	dk	gry	brn	HEM	1	py	1	dis							Massive, weak foliation, gray colored with reddish brown tinge, mafic dike or graywacke (i.e. biotites, lithic fragments). Trace pyrites, strong hematite staining. Weak carbonate veinlets.	85.9	85.95	QBX	py	po	cab	com	60	21.00	22.00	775158	3	3	py	Black, dark FG, diabase dike	0.011		
27.20	28.25	UMR	UMR	SHR	Fol		0	FR	1	lt	gm		SER	2	py	1	dis							Foliated Tuff with fine diss pyrite, broken core in places.	86.28	86.5	QSV	py	po	cab	com	60	22.00	23.00	775159	3	3	py	Black, dark FG, diabase dike	0.059		
28.25	29.80	DIA	DIA	DIA	Mas		0	FR	2	dk	gry	brn	HEM	1	py	2	dis							Massive, weak foliation, gray colored with reddish brown tinge, mafic dike or graywacke. Trace pyrites, mod hematite stains. Weak carbonate veinlets. Calcareous matrix.	94.5	95.3	QVN	py	po	chl	com	30	23.00	24.00	775160		1	py	FG, greenish dike, hematitic / limonitic stained	0.005		
29.80	33.50	UMR	UMR	TUF	Fol		0	FR	1	lt	gm	gry	SER	2	py	2	dis							Strongly foliated, greenish tuff or basalt?, with deformed, carbonate veins. Fine pyrite disseminations up to 2%. Foloiation reading at 33.40m.	112.04	112.06	QVN	py	po	chl	com	60	24.00	25.20	775161		1	py	FG, greenish dike, hematitic / limonitic stained	0.006		
33.50	33.90	MFD	MFD	UMR	Mas		0	FR	1	dk	gm		SIL	3	py	2	dis	po	5	dis				Dark green, fine grained, strongly magnetic-chloritic mafic dike with dis py-po over 5%	112.18	112.2	MSS	py	po		sma	40	27.20	28.20	775162	1	2	py	Sheared/foliated Tuff, deformed, weak carbonate veins	0.005		
33.90	34.80	QBX	QBX	UMR	Fbx		0	FR	1	lt	gry		CAB	3	py	5	dis/ffl	po	5	dis	cpy	0.5	ff	Gray silicification, carbonate altered, quartz breccia cutting throuh UMR with strong fine pyrite-pyrrhotite disseminations to semi-massive fills up to 5% with trace chalcopyrite. Dark sulphidic stringers in places. Lower Contact at 34.70m (Dip angle /direction at 65/300).	112.34	112.37	QVN	py	po	chl	sma	60	28.20	29.80	775163		1	py	FG, greenish dike, hematitic / limonitic stained	0.008		
34.80	34.95	MFD	FTZ	UMR	Fbx		0	FR	1	dk	gm		SIL	3	py	2	dis	po	5	dis	cpy	0.5	dis	Broken core, quartz-pyrite bearing fragments. Fault zone in UMR.	112.93	112.97	QVN	py	po	chl	sma	60	29.80	31.00	775164	3	2	py	Sheared, foliated Tuff, strong deformation, diss py up to 3%	0.005		
34.95	35.40	QBX	QBX	QVN	Fbx		0	FR	1	lt	gry		SIL	2	py	5	dis/ffl	po	3	dis	cpy	0.5	ff	Gray silicification,.carbonate altered, quartz breccia in UMR with strong fine pyrite-pyrrhotite disseminations to semi-massive fills up to 5%. Trace chalcopyrite.	113.2	113.24	QVN	py	po	chl	sam	65	31.00	32.50	775165	3	2	py	Sheared, foliated Tuff, strong deformation, diss py up to 3%	0.009		
35.40	35.70	SLA	SLA	SLA	Mas		0	FR	1	lt	gm	gry	CAB	2	py	1	dis							FG argillite cut by qtz-carb stockwork zone in a greenish chloritic matrix.	103.32	103.35	MSS	py	po		sam	80	32.50	33.50	775166	2	2	py	Sheared, foliated Tuff, strong deformation, diss py up to 3%	0.005		
35.70	36.90	GST	SLA	GST	Fol		0	FR	1	lt	gm		CAB	1	py	1	dis							Graywacke with minor argillite.. Weak carbonate veins. Trace pyrite.	114.35	114.45	MSS	py	po	chl	mas	75	33.50	34.00	775167	3	3	py/po	UMR, Dark green, FG cut by qtz-carb-bxa veins, diss py-po up to 3%.	0.039		
36.90	37.30	FEL	AND	AND	Por		0	FR	3	lt	gry		SER	2	py	1	dis							Foliated, porphyritic gray andesite. Calcareous with fine pyrite diss up to 2%.	115	115.15	QVN	py	po		com	75	34.00	35.40	775168	5	3	py/po	UMR, Dark green, FG cut by qtz-carb-bxa veins, diss py-po up to 3%.	0.069		
37.30	38.20	CGL	CGL	GST	Fol		0	FR	2	lt	gry		SER	1	py	1	dis							Alternating conglomerate with minor graywacke. CGL clast up to 3 cm wide appear to be stretched following foliation at Fo reading 37.65m. Weak calcareous matrix. Locally sericite halos. Trace diss pyrite.	115.4	115.43	QVN	py	po		com	75	35.40	36.90	775169	2	2	py	Foliated SLA/GST, minor CGL. Trace py-cpy diss in veinlets. Weak qtz-carb velts.	0.007		
38.20	41.60	SLA	SLA	SLA	Fol		0	FR	2	lt	gry	grn	CAB	2	py	2	dis/ffl				cpy	0.5	dis	Argillites/ graywacke, weakly foliated, criss-crossing qtz-carb veinlets, local sericitic haloes around veins. Local pyrite+/-chalcopyrite stringers at 39m.	115.55	118	QBX	py	po	chl	com/chd	70	36.90	37.50	775170	2	2	py	Foliated SLA/GST, minor CGL. Trace py-cpy diss in veinlets. Weak qtz-carb velts.	0.005		
41.60	42.03	FEL	AND	AND	Por		0	FR	3	lt	gry		CAB	2	py	1								Felsic dike, andesite porphyry? Strong calcareous matrix. Orientation at 42.03m. Trace pyrite	118	118.8	MSS	py	po		mas/sma	75	37.50	39.00	775171	2	2	py/cpy	Foliated SLA/GST, minor CGL. Trace py-cpy diss in veinlets. Weak qtz-carb velts.	0.013		
42.03	43.07	SLA	SLA	GST	Fol		0	FR	2	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, weakly foliated, criss-crossing qtz-carb veinlets, Tracel pyrite.	118.88	118.94	MSS	py	po		sma	75	39.00	40.50	775172	2	1	py	Foliated SLA/GST, Trace py-cpy diss in veinlets. Weak qtz-carb velts.	0.014		
43.07	43.86	POR	POR	POR	Por		0	FR	2	lt	gry	bge	SER	2	py	2	dis							Porphyry, bleached , sericitic in places with fine pyrites. Moderately calcareous matrix.	119.5	119.52	QVN	py	cab		com	70	40.50	42.00	775173	1	1	py	Foliated SLA/GST, Trace py-cpy diss in veinlets. Weak qtz-carb velts.	< 0.005		
43.86	44.00	SLA	SLA	GST	Mas		0	FR	2	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, weakly foliated, Tracel pyrite.	119.2	119.22	QVN	py	cab		com	70	42.00	43.50	775174	1	1	py	Foliated SLA/GST, Trace py-cpy diss in veinlets. Weak qtz-carb velts.	0.068		
44.00	44.35	POR	POR	POR	Por		0	FR	2	lt	gry	bge	SER	2	py	2	dis							Porphyry, bleached , sericitic in places with fine pyrites. Moderately calcareous matrix.	119.9	119.94	QVN	py	po		com	80			775175				Standard Oreas 220	0.92		
44.35	44.45	SLA	SLA	SLA	MAS		0	FR	1	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, weakly foliated, Tracel pyrite.	123.3	123.32	QVN	py	cab		com	70	43.50	45.00	775176	1	2	py	Foliated SLA/GST, Trace py-cpy diss in veinlets. Qtz-carb bxa vein at 44.45m.	0.025		
44.45	44.75	QVN	QVN	SHR	Fbx		0	FR	2	lt	wht	gry	SIL	2	py	1	dis							Shear zone, qtz-chlorite-pyrite vein. Upper Contact at 44.45m (Dip angle /direction at 83/12)	123.55	123.63	QVN	py	cab		com	65	45.00	46.50	775177	1	1	py	Foliated SLA/GST, weak carb alteration	0.01		
44.75	46.50	SLA	SLA	SLA	MAS		0	FR	1	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, weakly foliated, Trace pyrite.	123.9	123.95	QVN	py	cab		com	60	46.50	48.00	775178	5	3	py/po	Dark green UMR, brecciated texture, calcareous to bleached with up to 5% py-po	0.006		
46.50	49.50	MFD	MFD	QVN	Mas		0	FR	2	dk	gm		CAB	3	py	2	dis	po	5	dis				Dark green, fine grained, carbonate altered, magnetic mafic unit with diss to fills of py-po+/-cpy cut by multiple qtz-carbonate veins up to 10cm wide at 47.10m, 47.90m, 48.04m and 49.45m.	131.06	131.1	QVN	py	cab		com	50	48.00	49.00	775179	5	3	py/po	Dark green UMR, brecciated texture, calcareous to bleached with up to 5% py-po	0.015		
49.50	52.10	SLA	SLA	GST	Fol		0	FR	2	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, local sericitic, bleached haloes around veins, weakly foliated (Foliation reading at 49.90m). Trace pyrite.	132.88	133	QVN	py	cab		com	50			775180				Blanks	0.006		
52.10	52.35	DIA	DIA	DIA	Mas		0	FR	0	dk	blk	gry			py	0.5	dis							Mafiuc dike, diabase, strongly magnetic.	137.5	135.52	QVN	py	cab		com	50	49.00	50.00	775181	5	3	py/po	Dark green UMR, brecciated texture, calcareous to bleached with up to 5% py-po	0.015		
52.35	53.20	SLA	SLA	GST	Fol		0	FR	2	lt	gry	grn	CAB	2	py	1	dis							Argillites/ graywacke, weakly carbonate alteration, faint foliation Trace pyrite.									50.00	51.00	775182	1	1	py	Weakly foliated SLA, weak carb alteration.	0.012		
53.20	53.30	QVN	QVN	SHR	fbx		0	FR	1	lt	wht	gry	SIL	2	py	2	dis	po	3	dis				Shear zone with qtz-carb-chl vein containing dis/ffl py-po up to 5%									51.00	52.10	775183	1	1	py	Weakly foliated SLA, weak carb alteration.	< 0.005		
53.30	74.60	SLA	SLA	GST	Fol		0	FR	2	lt	gry	grn	CAB	2	py	1	dis/ffl	po	1	dis/ff	cpy	0.5	dis	Alternating argillites minor graywacke and tuff.Carbonate altered with weak-mod foliation (foliation reading at 55.08m) showing local brecciation textures from 58-61m, and 64-67m along with weak sericitic haloes Narrow comb qtz-carb-chl- py-cpy and trace po b veinlets at 55.42m, 62.10m, 62.8m and 65.3m.									52.35	53.20	775184	1	1	py/po	Weakly foliated SLA, weak carb alteration.	0.005		
74.60	75.00	FTZ	FTZ	FTZ	Fbx		0	FR	2	1	gry		CAB	2	py	1	dis							Broken core, rubbles with qtz-carb-ank fragments. Trace pyrites									53.20	54.00	775185	3	3	py/po	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.07		
75.00	83.98	SLA	SLA	GST	Fol		0	FR	2	lt	gry		CAB	1	py	1	dis/ffl							Argillites minor graywacke / crystal tuff.Carbonate altered with weak foliation, local brecciation textures at 79.5. Weak qtz-carb-chl veinlets with trace py-po.									54.00	55.00	775186	3	2	py/po	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.005		
83.98	87.40	MFD	MFD	MFD	Mas		0	FR	1	dk	grn		CAB	3	py	2	dis	po	3	dis				Dark green, fine grained, weakly magnetic-chloritic Mafic Dike. Deformed qtz-carb-chl veins with over 3% dis/ffl py-po at 85.7m, 85.95m and 86.26m.									55.00	56.20	775187	1	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.005		
87.40	93.00	SLA	SLA	GST	Fol		0	FR	1	lt	gry		CAB	1	py	1	dis							Argillites minor graywacke / crystal tuff. Weak foliation with few low angle, qtz-carb-chl veinlets.									56.20	57.70	775188	1	2	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.005		
93.00	94.60	MFD	MFD	MFD	Mas		0	FR	1	dk	grn		CAB	3	py	2	dis	po	2	dis				Dark green, fine grained, mod magnetic-chloritic Mafic Dike. Few deformed qtz-carb-chl-py-po veinlets in places.									57.70	59.20	775189	1	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.008		
94.60	95.20	QVN	QVN	SHR	Fbx		0	FR	2	lt	wht	gry	SIL	2	py	1	dis							Shear zone, vuggy qtz-carb-chlorite-pyrite vein. Lower Contact at 95.2m.									59.20	60.60	775190	2	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.007		
95.20	96.50	MFD	MFD	MFD	Mas		0	FR	1	dk	grn		CAB	3	py	2	dis	po	5	dis				Dark green, fine grained, weakly magnetic-chloritic Mafic Dike. Deformed qtz-carb-chl veins with over 5% dis/ffl to semi-massive lenses of py-po at 95.55m and 96.35m.									60.60	62.00	775191	2	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.005		
96.50	111.52	SLA	SLA	GST	Fol		0	FR	1	lt	gry		CAB	1	py	3	dis	po	3	dis	cpy	0.5	ffl	Argillites minor graywacke / crystal tuff. Weak-mod foliation with few low-mod angle, qtz-carb-chl-sulphide veinlets. Pyrite-pyrrhotite up to 3% as dis/ffl									62.00	63.50	775192	2	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.008		
111.52	112.30	MFD	MFD	SHR	Mas		0	FR	1	dk	grn		SIL	2	py	5	dis/ffl	po	10	dis/sma	cpy	1	dis/ffl	Dark green, fine grained, mod-strongly magnetic-chloritic matrix mafic dike. Deformed qtz-carb-sulphide (py-po-cpy) veins with over 10% dis/ffl to semi-massive lenses at 112.1m, 112.22m and 112.34m..									63.50	65.00	775193	1	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.007		

112.30	118.15	QBX	QBX	QVN	Mas		0	FR	1	lt	wht	gry	SIL	4	py	10	dis/sma	po	20	dis/sma	cpy	2	dis/ffl	Massive, quartz-sulphide breccia containing up to 20% sulphides in the form of pyrite-pyrrhotite-chalcopyrite as fine to coarse aggregates, semi to massive lenses/bands. Bands of magnetite in places. Two sets of quartz-sulphide veins (gray and white) was present which appear to be syngenetic with mineralization event. Cross-cutting the general foliation, narrow crisp, gray / white colored, cm size qtz-sulphide veins at 112.34m, 112.93m, 113m, 115.43m, 115.55m (shear vein). Massive sulphides lenses at 114.42m and 115.15m.								
118.15	118.75	MSS	MSS	UMR	Mas		0	FR	1	dk	brn	grn	SIL	3	py	10	dis/sma	po	30	sma/mas	cpy	2	dis/ffl	Massive sulphide lens containing assemblage of py-po-cpy (up to 30%) in the form of semi-massive to massive lenses. Orientation readings at 118.10m and 118.65m.								
118.75	119.90	MFD	MFD	SHR	Mas		0	FR	1	dk	grn		SIL	2	py	5	dis/ffl	po	10	dis/sma	cpy	1	dis/ffl	Dark green, fine grained, mod-strongly magnetic-chloritic matrix mafic dike. Deformed qtz-carb-sulphide (py-po-cpy) veins with over 10% diss, fills to semi-massive lenses at 118.88m and 119m. Carbonate veins at 119.5m and 119.80m.								
119.90	148.40	DIO	DIO	DIO	Mas		0	FR		lt	gry		CAB	1	py	1	dis							Massive, gray, medium grained diorite cut by crisp qtz-carb veins (up 10cm wide) at 123.50m, 123.53m, 123.90m, 127.70m, 128m, 129.25m, 131.06m and 132.95m. Disseminations of pyrite from 127-131m. Broken core from 146.30m.								
148.40	174.00	PER	PER	PER			0	FR		dk	gry	blk	SPN	1										Dark colored, strongly fractured, sheared peridotite. Fractures filled with grenish mineral. Broken core in places. No significant mineralization noted.								
174.00	237.00	PER	PER	PER			0	FR		dk	gry	blk	SPN	3										Same rock type as above with strong SPN/TLC alteration. Local broken core which may suggest possible fault / shear zones at 163m, 176.2m and 217.5m. EOH at 237m.								
237.00	237.00	EOH																														

65.00	66.50	775194	1	1	py/po	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.011		
66.50	68.00	775195	2	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.005		
68.00	69.50	775196	2	1	py	Light green, strong py-po associated with qtz-carb vein at 53.20m. Local deformation/ shearing with patches of weka sericite overprints/selvages	0.006		
69.50	70.50	775197	1	0.5	py	Wk foliated SLA/GST and faint carbonate alteration with trace pyrite.	0.007		
70.50	72.00	775198	1	1	py	Wk foliated SLA/GST and faint carbonate alteration with trace pyrite.	0.005		
72.00	73.50	775199	1	1	py	Wk foliated SLA/GST and faint carbonate alteration with trace pyrite.	< 0.005		
		775200				Standard Oreas 220	0.881		
73.50	74.60	775201	1	0.5	py	Wk foliated SLA/GST and faint carbonate alteration with trace pyrite.	0.005		
74.60	75.50	775202	1	1	py	Broken core/fault zone	0.009		
75.50	76.50	775203	0.5	0.5	py	Weak carbponate in SLA/GST	0.011		
76.50	78.00	775204	0.5	0.5	py	Weak carbponate in SLA/GST	0.008		
		775205				Blanks	0.008		
78.00	79.50	775206	0.5	0.5	py	Lt gray, FG SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.008		
79.50	81.00	775207	0.5	0.5	py	Lt gray, FG SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.008		
81.00	82.50	775208	1	1	py	Lt gray, FG SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.008		
82.50	84.00	775209	1	1	py	Lt gray, FG SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.008		
84.00	85.00	775210	3	2	py/po	Dark green, chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po	0.013		
85.00	86.00	775211	3	2	py/po	Dark green, chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po	0.011		
86.00	87.40	775212	3	2	py/po	Dark green, chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po	0.008		
87.40	88.60	775213	1	1	py	Lt gry FG, SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.009		
88.60	90.00	775214	1	1	py/po	Lt gry FG, SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.009		
90.00	91.50	775215	1	1	py	Lt gry FG, SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.009		
91.50	93.00	775216	1	1	py	Lt gry FG, SLA/GST, foliated with trace py. Weak carb alteration and veinings	0.009		
93.00	94.50	775217	3	2	py/po	Dark green, Chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po. Strong shaer veins at 94.60m - 95.23m. Mod to strong deformation py up to 3%	0.014		
94.50	95.30	775218	3	3	py/po	Dark green, Chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po. Strong shaer veins at 94.60m - 95.23m. Mod to strong deformation py up to 3%	2.56		
95.30	96.40	775219	3	3	py/po	Dark green, Chlorite matrix,strong qtz-carb-bxa with diss/ffl py-po. Strong shaer veins at 94.60m - 95.23m. Mod to strong deformation py up to 3%	0.229		
96.40	97.90	775220	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py-cpy	0.01		
97.90	99.40	775221	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.008		
99.40	101.00	775222	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.009		
101.00	102.50	775223	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.011		
102.50	104.00	775224	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.008		
		775225				Standard Oreas 220	0.852		
104.00	105.50	775226	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.009		
105.50	107.00	775227	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.009		
107.00	108.50	775228	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.012		
108.50	110.00	775229	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.014		
		775230				Blank	0.009		
110.00	111.40	775231	1	1	py	Lt gry, foliated, weak qtz-carb veins. Trace diss/fills py	0.012		
111.40	112.30	775232	3	3	py/po	Dark green, chloritic UMR, strong qtz-carb-py-po+/-cpy diss to fills	0.23		
112.30	113.30	775233	10	10	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	5.098	< 5	< 5
113.30	114.00	775234	8	5	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	3.958	< 5	< 5
114.00	115.00	775235	8	10	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	3.89	< 5	< 5
115.00	115.80	775236	15	5	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	3.943	< 5	< 5
115.80	117.00	775237	15	8	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	0.244	< 5	< 5
117.00	118.00	775238	10	8	py/po	Calcareos brecciated texture, qtz-carb-sulphide veins, layered magnetite (altered to chlorite), disseminated to semi to massive sulphides lenses off py-po+/-cpy	2.186	< 5	< 5
118.00	118.65	775239	5	20	py/po	Massive sulphide lenses up to 20% of matrix containing py-po-cpy-hem.	5.231	5	< 5
118.65	119.90	775240	2	8	py/po	Dark green, chloritic UMR, strong qtz-carb-py-po+/-cpy diss to fills	0.115		
119.90	121.40	775241	1	1	py	Diaorite, massive, weak carbonate alteration/veining. Trace pyrite.	0.01		
121.40	122.60	775242	1	1	py	Diaorite, massive, weak carbonate alteration/veining. Trace pyrite.	0.01		
122.60	124.00	775243	1	1	py	Diaorite, massive, weak carbonate alteration/veining. Trace pyrite.	0.009		
128.00	129.00	775244	1	2	py	Diorite, massive, weak carbonate alteration. Some qtz veins with diss pyrites at 123.10m.	0.017		
129.00	130.50	775245	1	2	py	Diorite,weak carbonate alteration. Few specks of diss pyrites in places.	0.012		
130.50	132.00	775246	1	2	py	Diorite,weak carbonate alteration. Few specks of diss pyrites in places.	0.012		
132.00	133.20	775247	1	1	py	Diorite,weak carbonate alteration. Few specks of diss pyrites in places.	0.012		
		775248				Standard Oreas 220	0.846		
		775249				Blank	0.009		
175.50	180.00	775250	1	0.5	py	Serpentinized peridotite with tal-chl veins and fracture fillings.	0.022		

CENTRAL TIMMINS EXPLORATION CORPORATION
DIAMOND DRILLING GEOLOGY LOG SHEET

HOLE ID D-19-07
PROJECT Deloro-Dayton
PURPOSE Exploration

COORDINATES

	EASTING	NORTHING	RL	AZI	DIP
PROPOSED	476795.74	5359433.49	315	13	-45
ACTUAL					
RIG ID	SMP-01				
DRILLER					

DRILLING

	START	END
DATE	24-Jul-19	26-Jul-19
DEPTH		132
BIT		
SIZE	NQ	ND

DOWNHOLE SURVEY

	DEPTH	AZI	DIP	MAG	INSTRUMENT	
1	39	22.85	-45.31	56852	Reflex EZTrac	
2	69	22.29	-45.44	56238	Reflex EZTrac	
3	72	23.03	-82.25	31963	Reflex EZTrac	Discard
4	102	24.01	-44.81	56494	Reflex EZTrac	
5						
6						

	NAME	DATE
Logged By	RMP/DJ	2019-07-08
Relogged By		
Checked By		
Rechecked By		
Page		

ASSAY CERTIFICATES

Actlabs		
from	**to**	**Cert. #**
859501	859558	A19-10995
859544	859548	A19-10995-1C

DEPTH		ROCK DESCRIPTIONS																										VEINING								ASSAYS										
										Color			Alteration		Minerals													Depth			Infill Minerals							Interval										
From	To	Rock Unit	Lithology1	Lithology2	Texture	Hardness	Weathering	Oxidation	Acid Rxn	Intensity	Color1	Color2	Altn_Type	Altn_Int	Min1 Min	Min1 %	Min1 Mode	Min2 Min	Min2 %	Min2 Mode	Min3 Min	Min3 %	Min3 Mode	Min4 Min	Min4 %	Min4 Mode	COMMENTS	From	To	Vein_Type	Min1	Min2	Min3	Vein_Style	Vein_Total	ACA	From_m	To_m	Sample No	QV%	PY%	Ore minerals	Notes	Au_ppm	Pt_ppb	Pd_ppb
0.00	21.65	OVB	OVB																								Few granitoid and intrusive blocks recovered.										27.00	28.40	859501	10	1			0.005		
21.65	22.30	UMR	UMR	TUF	tuf	L	0	FR	3	Dk	gry	bge	CAB	3	Py	1	dis										Short section of sheared/foliated carbonate altered ultramafic volcanics. Unit has broken core at lower contact with greywacke/argillite. Pyrite is only found as sub-euhedral cubes occurring up to 0.5cm wide (usually around 1mm wide). Unit hosts 60% deformed carbonate veining. Gougy-breccia on fracture ar 21.76m, fracture at 65 degrees tca, no orientation line availible. Non magnetic.	21.65	22.30	carbonate	cb	qt		stk	50		28.40	29.38	859502	10	1		Hosts fault	< 0.005		
22.30	23.49	SLA	SLA	GST	fgr,spt,bz	M	0	FR	5	Lt	gry	bge	CAB	4	Py	2	dis										Light to dark grey fine grained calcite altered argillite/greywacke. Faintly visible bedding, and occassional soft sediment deformation (as brecciation of bed). Hosts 2% very fine grained pyrite, likely diagenitic as crystals are generally imbricated parallel to bedding. Hosts quartz carbonate chlorite veining at low angles to core axis <10 degrees, occurring 1-2 times per meter, 1-2cm wide making up 10% of unit. Non magnetic. Veins have inwards growth texture, likely extensional veins. Lower contact with tuffacious ultramafics, is sharp regular, near perpendicular to core axis.	22.30	23.49	irtz carboante chl	qt	cb	chl		10	10	29.38	30.00	859503	2	0.5		Hosts fault zone	< 0.005		
23.49	29.38	UMR	UMR	TUF	tuf	L	0	FR	2	Dk	gry	bge	CAB	2	Py	2	dis,vn										Light to dark grey tuffacious ultramafic, foliation at high angle to core axis defined by alternating light to dark grey bands of UM cut by discontinuous quartz/quartz carboante/carbonate vein fragments. Foliation at 60-70 degrees TCA. Pyrite crystals are typically found within the quartz vein fragments. Discontinuous vein content decreases gradationally from up to 60% down to 10% between 27-28m. Unit is non magnetic. Lower contact with fault/breccia zone is marked by decrease in core recovery, and presency of breccia/gouge along fracture surfaces. Unit hosts single fracture surface with brecciaish gouge at 28.51m at 60 degrees TCA.	23.49	27.50	irmed carbonate/c	cb	qt	chl		60		30.00	31.00	859504	12	1			< 0.005		
29.38	30.00	UMR	UMR	FTZ	FTZ, BRX	L	2	FR	1	Dk	Dark Grey	Light grey															Light to dark grey highly fracture, with gouge and brecciation, ultramafics. Lacks orientation line. Fractures with gouge and brecciation at 60 degrees TCA. Void of mineralisation. Non magnetic.Lower contact marked by lack of gouge and breccia fractures. Hosts 3% irregular, deformed, discontinuous white carbonate veining.	27.50	29.38	irmed carbonate/c	cb	qt	chl		10		31.00	31.76	859505	7	1			< 0.005		
30.00	31.76	UMR	UMR	TUF	tuf	L	0	FR	2	Dk	gry		CAB	2	Py	1	dis										Light to dark grey tuffacious ultramafics. Hosts foliation at high angle to core axis. Unit is carboante altered and filled with 10% discontinuous, irregular, sheared white carbonate veining. Unit hosts fine grained disseminated pyrite. Lower contact sharp, near perpendicular to core axis.	29.38	30.00	carbonate	cb				3		31.76	33.00	859506	5	1			< 0.005		
31.76	39.20	SLA	SLA	GST	fgr,spt,bz	M	0	FR	4	Dk	gry				Py	1	dis,vn										Grey unaltered fine grained greywacke/argillite, shows fain visible bedding at high angle to core axis. Hosts occassional quartz calcite stringers 1mm - 2 cm wide at low angles to core axis, stringers occassionally host pyrite and or chlorite, total vein content is around 6% of unit. Pyrite can also be found disseminated as vfg crystals. Unit only has orientation line between: 31.76-33.10 m, 34.86-37.35 m. Non magnetic. Hosts some quartz calcite chlorite breccia veins with chlorite altered clasts between 33-35 m. Hosts single bull white quartz vein with sharp regular margins at lower contact at 39.20 m.	30.00	31.76	Quartz carbonat	qt	cb			10		33.00	34.20	859507	8	2			< 0.005		
39.20	53.37	UMR	UMR		hya, amy	M	0	FR	1	Dk	gry	grn	Pro	3	Py	2	vn										Dark grey mafic to ultramafic ingneous rock, with hyaloclastic texture, black glassy fractures. Fractures are crosscut by later carbonate chlorite veining. Carbonate veining in stockwork, so frequent that it gives rock brecciated appearance, totalling 30% of unit. Occassional euhedral pyrite crystals found within carbonate chlorite veining. Unit has a fault on a fractured surface with gouge at 55-60 degrees TCA at 52.95 - 53.37 m (lower contact faulted). Unit is moderately magnetic. Hosts occassional amygdules within grey crystaline sections. Unit lacks orientation between: 39.20-40.05 m, and 50.00-53.37 m.	31.76	39.20	uartz calcite chlor	qt	cal	chl	mas, hxb	6		34.20	35.00	859508	2	0.5			< 0.005		
53.37	57.12	GST	GST	SLA	fmgr, bed	M	0	FR	0	Dk	gry				Py	1	dis										Grey and slightly green unaltered fine to medium grained greywacke / argillite. Hosts faintly visible bedding. Broken core and lack of orientation line between: 55.55- 56.13 m. Lower contact marked by presence of alteration. Hosts low angle TCA grey quartz and white carbonate veining, occurring 1-3 times per meter 0.1-1cm wide. Hosts single bull white quartz vein at 54.20 m, at about 20 degrees TCA, void of mineralisation within the vein. Only minor disseminated vfg pyrite can be found throughout unit.	39.20	53.37	green portion cart	cb	chl		stk	30		35.00	36.00	859509	3	0.5			< 0.005		
57.12	61.27	SLA	SLA	GST	fgr,spt	M	0	FR	0	Lt	gry		CAB	2	Py	2	vn, dis										Dark grey greywacke/argillite with patches of lighter greyish tan possibly ankerite or some other carbonate. Patches cover 40% of unit, alteration weak to moderate itensity. Visible bedding, possible graded beds indicating younging downhole. Hosts 2% pyrite, found both primary disseminated, as well as within grey transparent quartz white calcite veining +- chlorite. Non magnetic. Lower contact marked by disappearance of alteration. Quartz calcite pyrite veining crosscuts alteration. Veining event is younger than alteration event.	53.37	57.12	uartz calcite chlor	qt	cb	chl	mas	2		36.00	37.00	859510	6	1			< 0.005		
61.27	86.50	SLA	SLA	GST	fgr, spt, bz	M	0	FR	2	Lt	gry		CAB	3	Py	2	vn	Po	0.3	wsp							Light to dark grey fine to fine medium grained argillite greywacke with faintly visible bedding and soft sediment deformation. Weak to moderate pervasive calcite alteration. Blebby py + po in sections of broken core. Sections include 67-70 m, and 84-86.5 m. Sections of no orientation line are 64.07-73.60 m, 80.36-81.93 m, 84-86.50 m. Po is magnetic. Hosts two generations of veining. The older generation of quartz calcite at 40-50 degrees TCA, irregular in shape, sometimes deformed or discontinuous. The younger generation consists of quartz calcite +- pyrite, crosscutting relationship can be seen at 79.30m. Lower contact marked by change in colour to dark greyish green to black, and increase in grain size. Broken core at lower contact.	57.12	61.27	uartz calcite pyri	qt	cb	py	mas	4		37.00	38.00	859511	7	1			< 0.005		
86.50	90.65	QBX	MFD	TUF	tuf, bed, fgr	M	0	FR	2	Dk	gry	grn	CHL	2	Py	4	vn, dis	Po	2	blebby, vn							Dark grey to black, and dark green mafic fine to medium grained exhalative tuff. Shows faint foliation, likely bedding, as alterating dark grey and black bands. Wispy weak chlorite, and calcite alteration present throughout. Hosts blebby and vein controlled pyrite and magnetic pyrrhottte. Blebs can be up to 0.7cm across. Lacks orientation line though entire unit. Patchy moderate magnetism, where ever pyrrhotite is present. Lower contact marked by dramatic increase in sulphides. Hosts grey quartz and white carbonate breccia veins, at 10-20 degrees TCA, making up 8% of unit. Po and Py often found as blebs adjacent to the veinlets in the wallrock. not in the veinlets.	61.27	86.50	uartz calcite +- pyr	qt	cb	Py	mas	7		38.00	39.20	859512	2	0.5			< 0.005		
90.65	91.20	MSS	MSS	TUF	mgr	M	0	FR	2	Dk	brn	gry			Py	25	semi-massive	Po	40	Semi-massive	Sph	5	spotty	cpy	0.5	vn	Massive sulphides consisting of Po>Py>Sph 70%. And 30% mafic tuff (refer to 86.5-90.65m). Sulphides are fine to medium grained, strongly magnetic, due to presence of po. Minor sphalerite, found as sub-euhedral black crystals along fractured. Calcite chlorite stringers at low angle to core axis (10-20 degrees TCA) observed in tuff section. Single occurrence of two blebs of chalcopyrite within the a veinlet. Bedding is faintly visible in both tuff and sulphides. Lower contact of unit marked by gradual decrease in sulphide content, and increase in quartz/chert content. No orientation line through zone.	86.50	90.65	bonate +- chlorite	qt	cb	chl	bx	8		39.20	40.00	859513	3	0.5			0.016		
91.20	95.97	MFD	CHE	TUF	mgr, bz	L	0	FR	3	Lt	grn	gry	CHL	4	Py	3	Blebby, dis	Po	2	Blebby, dis							Dark greyish green to black mafic tuffaceous material (60% of unit) and greyish white 'grainy' chert/quartz bands (40% of unit) Hosts few carbonate stringers/fractures at high angles TCA. Hosts blebby / disseminated pyrite and magnetic pyrrhotite. Can be found in both dark grey tuffaceous material, as well as greyish white cherty quartz material. Overall unit is weakly magnetic, due to presence of pyrrhotite. Tuffaceous material has been weak to moderately calcite and chlorite altered. Lower contact marked by sharp contact with intermediate intusive. No orientation line between 91.20 -92.32 m.	90.65	91.20	onate pyrite pyrrh	qt	cb	Py+po	bx	5		40.00	41.00	859514	15	1			0.006		
95.97	112.40	PER	PER	PER	egg	M	0	FR	4	Lt	grn	gry			Py	0.5	dis										Grey with slight thinge of green, equigranular phaneritic intermediate intrusive. Minerals present include: Plagioclase, calcite, quartz, chlorite, minor pyrite. Weakly magnetic to non magnetic. Fault at lower contact. Gouge along fracture.	91.20	95.97	arbonate stringer	cb			mas	3		51.00	52.00	859515	15	1			0.018		
112.40	132.00	PER	SEP	PER	mas	M	0	FR	0	Dk	gry	grn	CHL	2	Py	0.5	dis										Black to dark grey with green fractures filled with chlorite, massive mafic volcanics. Hosts discontinuous quartz carboante veining, as well as discontinuous carboante veining. Moderatly to strongly magnetic.	95.97	112.40	uartz calcite string	qt	cb		mas	1		52.00	52.80	859516	15	1			< 0.005		

132.00	132.00	EOH																																		

52.80	53.37	859517	0.5	1		Hosts fault	< 0.005		
53.37	54.00	859518	0	2			< 0.005		
54.00	55.00	859519	7	1			0.005		
55.00	56.00	859520	0	0.5			< 0.005		
56.00	57.12	859521	4	1			0.006		
57.12	58.00	859522	3	1			0.005		
58.00	59.00	859523	1	2			0.005		
59.00	60.00	859524	3	2			< 0.005		
STD	OREAS 220	859525					0.871		
60.00	60.60	859526	2	1			0.005		
60.60	61.27	859527	5	1			< 0.005		
61.27	62.00	859528	2	0.5			0.015		
62.00	63.50	859529	3	1			0.026		
BLANK	BLANK	859530					0.007		
63.50	65.00	859531	1	0			0.007		
65.00	66.00	859532	3	0.5			0.01		
66.00	67.00	859533	4	1			0.161		
67.00	68.00	859534	0	1	Po		0.007		
68.00	69.00	859535	3	3	Po		0.009		
69.00	70.00	859536	1	2	Po		0.036		
70.00	71.00	859537	10	0.5			0.052		
82.00	83.00	859538	3	0.5			0.008		
83.00	84.00	859539	0	0.5			0.012		
84.00	85.00	859540	5	2	Po		0.051		
85.00	85.80	859541	7	2	Po		0.276		
85.80	86.50	859542	3	1	Po	Chert tuff	0.008		
86.50	87.40	859543	10	3	Po	Chert tuff	0.162		
87.40	88.00	859544	5	2	Po	Chert tuff	7.01	<5	<5
88.00	89.00	859545	0	3	Po	Chert tuff	0.486	<5	<5
89.00	90.00	859546	12	5	Po	Chert tuff	0.118	<5	<5
90.00	90.65	859547	3	4	Po	Chert tuff	0.24	<5	<5
90.65	91.20	859548	3	30	Po, Sph	Massive sulphide	1.1	<5	<5
91.20	92.00	859549	3	5	Po	Chert tuff	0.043		
92.00	93.00	859550	1	3	Po	Chert tuff	0.013		
93.00	94.00	859551	1	3	Po	Chert tuff	0.243		
94.00	95.00	859552	6	3	Po	Chert tuff	0.028		
95.00	95.97	859553	1	2	Po	Chert tuff	0.111		
95.97	97.00	859554	4	0.5			0.047		
STD	OREAS 223	859555					1.95		
97.00	98.00	859556	5	0.5			0.008		
98.00	99.00	859557	1	0.5			< 0.005		
BLANK	BLANK	859558					< 0.005		

476,600

476,800

5,359,600

5,359,400

DDH-13
DDH-18A
CPDP11-19
CPDP11-18
DDH-02
DDH-04
DDH-20
DDH-03
DDH-08
DDH-01
CPDP11-17
DDH-15
CPDP11-16
DDH-05
DDH-10
CPDP11-15
DDH-17
D-19-06
CPDP10-02
DDH-11
CPDP10-01
CPDP11-14
DDH-07
CPDP11-20
D-19-07
DDH-19
DDH-09
CPDP10-03
CPDP10-04

N
W
E
S

UTM Zone 17, NAD83

1:1,000

0 25 50

metres

LEGEND

- *Property Boundary*
- *Tertiary Road/Trail*
- *Section Line*
- *Drill Trace - CTEC*
- *Drill Trace - Historical*
- *Au histogram (1gpt Au = 1m)*

Outcrop Lithology

- *ANDS - Andesite*
- *DIOR - Diorite*
- *IFOX - Iron Formation*

CTEC

DAYTON PROJECT, Deloro Twp., Timmins

DAYTON GOLD ZONE

DRILL HOLE TRACES WITH GOLD HISTOGRAMS

Drill Holes D-19-06 and D-19-07 Sections

BCS, November 2020

SSW (200°)

NNE (020°)

25 50 75 100 125 150 175 200 225

300 275 250 225 200 175 150 125 100

DDH-17
D-19-06

CPDP11-15

CPDP10-01

CPDP10-02

CPDP10-07

CPDP10-03

CPDP-11-15
2.98 g/t Au /1.57m

DDH-17
2.81 g/t Au /9.14m

CPDP-10-01
1.69 g/t Au /14.07m

D-19-06
3.28 g/t Au /6.35m

LEGEND

- Top and Bottom off Section
- Bottom off Section
- Top off Section
- Complete Hole
- Au Histogram (1m = 1 g/t Au)

Lithology

- OVER - Overburden/Casing
- DIAB - Diabase
- FAUL - Fault
- VNQZ - Vein-Quartz
- QZBX - Quartz Breccia
- MSSX - Massive Sulphide
- MDYK - Mafic Dyke
- FDYK - Felsic Dyke
- FSPP - Feldspar Porphyry
- PORP - Porphyry
- DIOR - Diorite
- GBRO - Gabbro
- GRWK - Greywacke
- ARGL - Argillite
- CONG - Conglomerate
- IFOX - Oxide Iron Formation
- TUFF - Tuff
- RHYL - Rhyolite
- AGGL - Agglomerate
- ANDS - Andesite
- PRDT - Peridotite
- SERP - Serpentinite
- UMAF - Ultramafic
- DUNT - Dunite
- ANTG - Antigorite

1:500

0 10 20

metres

CTEC

Deloro Township, Timmins

HOLE D-19-06
25m SECTION
LOOKING WNW (290°)

Drawn: PDB Scale: 1:500

November 2020

SSW (200°)

NNE (020°)

DDH-19
D-19-07

OVER
OVER
UMAF
ARGL
TUFF
UMAF
TUFF
ARGL
ANDS
DIOR
UMAF
GRWK
ANDS
ARGL
QZBX
MSSX
MDYK
DIOR
PRDT

DDH-19
116.74m

D-19-07
132m

DDH-19
2.33 g/t Au /7.62m

D-19-07
1.47 g/t Au /3.8m

LEGEND

Top and Bottom off Section
Bottom off Section
Top off Section
Complete Hole
Au Histogram (1m = 1 g/t Au)

Lithology

- OVER - Overburden/Casing
- DIAB - Diabase
- FAUL - Fault
- VNQZ - Vein-Quartz
- QZBX - Quartz Breccia
- MSSX - Massive Sulphide
- MDYK - Mafic Dyke
- FDYK - Felsic Dyke
- FSPP - Feldspar Porphyry
- PORP - Porphyry
- DIOR - Diorite
- GBRO - Gabbro
- GRWK - Greywacke
- ARGL - Argillite
- CONG - Conglomerate
- IFOX - Oxide Iron Formation
- TUFF - Tuff
- RHYL - Rhyolite
- AGGL - Agglomerate
- ANDS - Andesite
- PRDT - Peridotite
- SERP - Serpentinite
- UMAF - Ultramafic
- DUNT - Dunite
- ANTG - Antigorite

1:500

0 10 20

metres

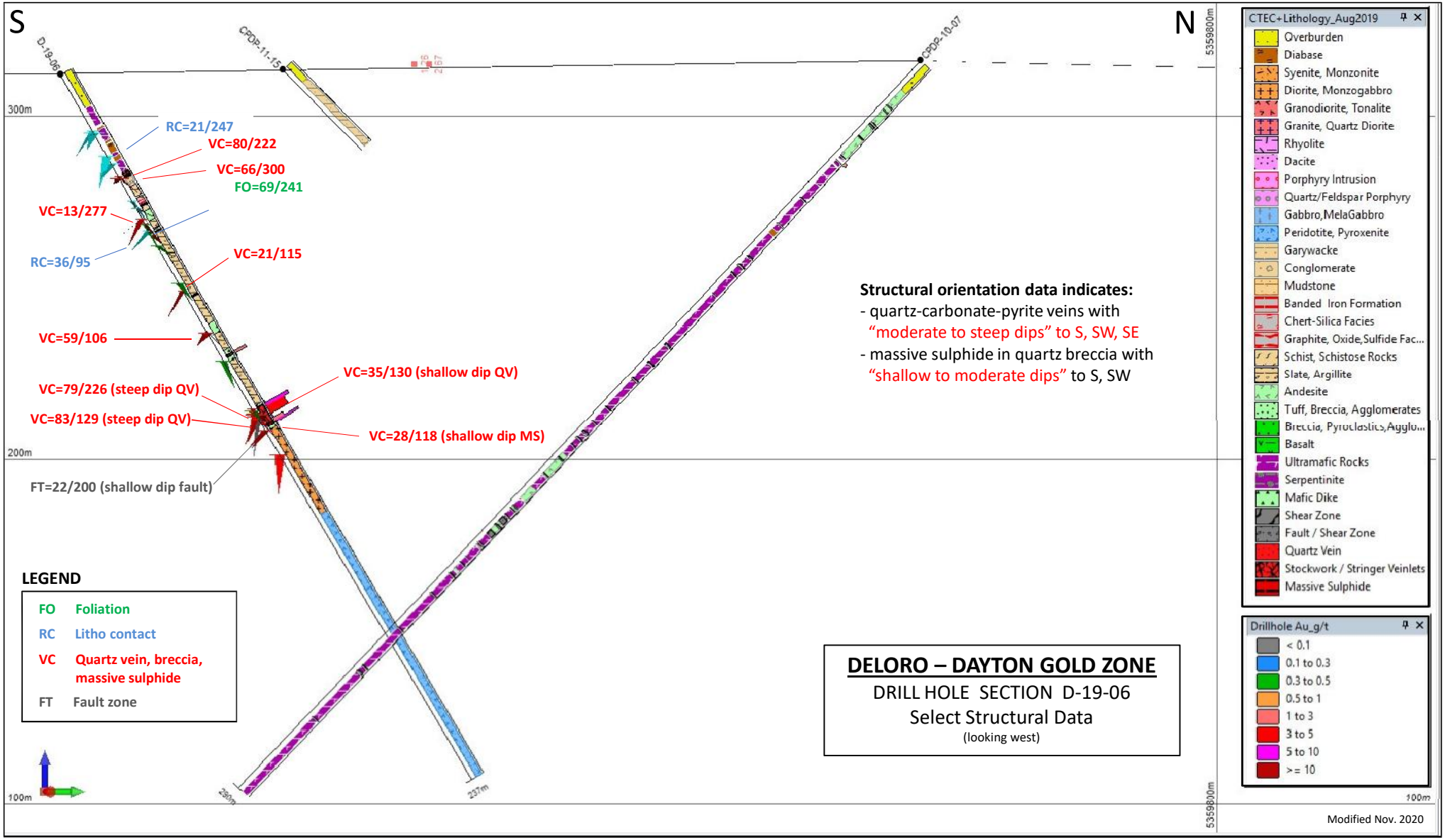
CTEC

Deloro Township, Timmins

HOLE D-19-07
25m SECTION
LOOKING WNW (290°)

Drawn: PDB **Scale: 1:500**

November 2020



DELORO – DAYTON GOLD ZONE

DRILL HOLE SECTION D-19-06

Select Structural Data

(looking west)

Modified Nov. 2020

Appendix B

Drill Holes D-19-06 and 07 Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Aug-19
Invoice No.: A19-10872
Invoice Date: 13-Sep-19
Your Reference: August 19/19

Central Timmins Explo Corp
4950 Yonge Street Suite 1008
Toronto
Ontario
M2N 6K1

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

100 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)

REPORT **A19-10872**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
775151	0.015	< 0.5	< 1	71	1430	< 2	639	< 5	56	3.74	8	< 25	< 25	< 1	5	5.74	60	1760	6.55	< 20	< 2	< 0.02	< 25
775152	0.006	< 0.5	< 1	58	1470	< 2	767	< 5	54	3.57	11	< 25	< 25	< 1	< 5	5.15	71	2320	6.84	< 20	< 2	< 0.02	< 25
775153	0.009	< 0.5	< 1	58	1650	< 2	932	< 5	61	4.17	6	< 25	< 25	< 1	< 5	5.09	90	2890	8.01	< 20	< 2	< 0.02	< 25
775154	< 0.005	< 0.5	< 1	41	1590	< 3	561	< 5	28	2.65	< 5	< 25	< 25	< 1	< 5	5.00	46	2010	4.76	< 30	< 3	< 0.03	< 25
775155	< 0.005	< 0.2	< 0.5	15	462	< 1	220	3	64	3.42	< 2	< 10	14	< 0.5	2	2.99	27	323	4.87	10	< 1	< 0.01	39
775156	0.006	< 0.2	< 0.5	131	453	< 1	76	3	60	3.01	< 2	< 10	90	< 0.5	< 2	2.08	26	100	4.99	< 10	< 1	0.06	< 10
775157	< 0.005	< 0.2	< 0.5	22	1320	< 1	865	< 2	33	2.12	< 2	< 10	< 10	< 0.5	< 2	6.76	63	1560	5.38	< 10	< 1	< 0.01	< 10
775158	0.011	< 0.2	< 0.5	51	1080	< 1	1280	< 2	44	3.21	< 2	< 10	< 10	< 0.5	< 2	6.45	92	2020	6.70	< 10	< 1	< 0.01	< 10
775159	0.059	< 0.5	< 1	48	1430	< 2	647	< 5	32	2.82	6	< 25	< 25	< 1	< 5	8.28	69	2090	5.04	< 20	< 2	< 0.02	< 25
775160	0.005	< 0.2	< 0.5	34	611	< 1	242	3	66	2.85	< 2	< 10	467	1.0	< 2	3.98	27	422	4.49	10	< 1	0.26	71
775161	0.006	< 0.2	< 0.5	44	774	< 1	136	2	78	3.19	< 2	< 10	1170	1.7	< 2	4.71	29	193	5.16	10	< 1	0.52	51
775162	0.005	< 0.5	< 1	51	1230	< 3	614	< 5	49	3.50	< 5	< 25	49	< 1	< 5	4.66	53	2010	5.42	< 30	< 3	< 0.03	< 25
775163	0.008	< 0.2	< 0.5	59	401	< 1	64	2	45	1.47	< 2	< 10	88	< 0.5	< 2	3.35	16	112	3.03	< 10	< 1	0.11	50
775164	0.005	< 0.5	< 1	39	1490	< 3	569	< 5	26	2.61	< 5	< 25	30	< 1	< 5	5.67	54	2300	4.54	< 30	< 3	< 0.03	< 25
775165	0.009	< 0.5	< 1	43	1590	< 3	632	< 5	45	3.46	< 5	< 25	< 25	< 1	< 5	5.71	58	1930	5.92	< 30	< 3	< 0.03	< 25
775166	0.005	< 0.2	< 0.5	16	1710	< 1	820	3	46	3.45	4	< 10	< 10	< 0.5	< 2	5.21	54	1490	7.53	< 10	2	< 0.01	< 10
775167	0.039	< 0.2	< 0.5	41	966	1	487	< 2	60	4.96	15	< 10	38	< 0.5	< 2	1.12	30	753	13.9	10	2	< 0.01	< 10
775168	0.069	< 0.2	< 0.5	10	682	< 1	19	< 2	21	1.83	15	< 10	38	< 0.5	< 2	1.89	3	30	9.03	< 10	< 1	0.01	< 10
775169	0.007	< 0.2	0.5	52	1080	< 1	225	< 2	57	2.80	26	< 10	40	< 0.5	< 2	3.38	27	407	6.53	< 10	1	0.12	10
775170	0.005	< 0.2	< 0.5	66	1330	< 1	210	5	71	3.71	16	< 10	17	< 0.5	2	4.96	29	336	5.50	10	< 1	0.04	21
775171	0.013	< 0.2	< 0.5	46	862	< 1	22	< 2	65	2.07	15	< 10	38	< 0.5	< 2	3.53	14	35	4.50	< 10	< 1	0.18	13
775172	0.014	< 0.2	< 0.5	37	1110	< 1	32	< 2	60	2.20	25	< 10	23	< 0.5	< 2	3.56	14	37	4.55	< 10	< 1	0.14	13
775173	< 0.005	< 0.2	< 0.5	42	1110	< 1	35	< 2	104	2.49	22	< 10	19	< 0.5	< 2	2.64	16	47	4.70	< 10	< 1	0.10	14
775174	0.068	< 0.2	< 0.5	57	1190	< 1	38	< 2	80	2.97	20	< 10	19	< 0.5	< 2	3.01	15	50	6.36	< 10	2	0.09	14
775175	0.920	0.3	< 0.5	133	637	< 1	95	2	64	3.01	7	22	26	< 0.5	< 2	2.31	30	91	5.60	< 10	< 1	0.06	< 10
775176	0.025	< 0.2	0.6	49	1140	< 1	42	< 2	77	2.58	23	< 10	20	< 0.5	< 2	3.19	19	52	5.08	< 10	< 1	0.10	12
775177	0.010	< 0.2	< 0.5	39	1520	< 1	38	< 2	73	2.62	14	< 10	19	< 0.5	< 2	3.58	17	45	5.96	< 10	< 1	0.09	13
775178	0.006	< 0.2	< 0.5	18	3960	< 1	21	< 2	31	2.11	6	< 10	26	< 0.5	< 2	5.63	8	20	10.9	< 10	1	0.15	< 10
775179	0.015	< 0.2	< 0.5	22	1500	< 1	9	< 2	9	0.78	< 2	< 10	21	< 0.5	< 2	4.72	1	6	8.07	< 10	< 1	0.26	< 10
775180	0.006	< 0.2	< 0.5	123	352	< 1	22	4	80	2.05	< 2	< 10	43	< 0.5	< 2	1.59	24	17	5.59	< 10	< 1	0.17	15
775181	0.015	< 0.2	0.8	28	1660	< 1	25	< 2	51	2.94	< 2	< 10	30	< 0.5	< 2	3.17	9	32	10.0	< 10	2	0.13	< 10
775182	0.012	< 0.2	0.5	45	1070	< 1	33	< 2	126	2.70	7	< 10	25	< 0.5	< 2	2.21	12	41	5.95	< 10	< 1	0.15	13
775183	< 0.005	< 0.2	< 0.5	44	922	< 1	19	< 2	51	1.88	7	< 10	32	< 0.5	< 2	2.38	10	35	3.61	< 10	< 1	0.15	14
775184	0.005	< 0.2	< 0.5	48	1510	< 1	32	< 2	107	3.03	13	< 10	28	< 0.5	< 2	2.39	16	48	6.61	< 10	< 1	0.09	13
775185	0.070	0.3	< 0.5	18	2740	< 1	85	< 2	86	4.83	6	< 10	< 10	< 0.5	< 2	3.40	15	188	14.3	10	< 1	< 0.01	< 10
775186	0.005	< 0.2	< 0.5	34	1460	< 1	29	< 2	81	2.94	11	< 10	35	< 0.5	< 2	2.02	16	47	5.09	< 10	< 1	0.12	14
775187	0.005	< 0.2	< 0.5	50	1530	< 1	38	2	68	3.39	14	< 10	35	< 0.5	< 2	2.30	15	67	6.98	< 10	1	0.11	12
775188	0.005	< 0.2	< 0.5	38	1150	< 1	24	< 2	58	2.57	12	< 10	44	< 0.5	< 2	2.05	14	51	5.35	< 10	< 1	0.16	12
775189	0.008	< 0.2	< 0.5	39	751	< 1	21	< 2	50	1.82	8	< 10	53	< 0.5	< 2	2.04	10	36	3.55	< 10	< 1	0.23	15
775190	0.007	< 0.2	< 0.5	55	841	< 1	22	< 2	57	1.92	3	< 10	38	< 0.5	< 2	1.82	10	35	3.81	< 10	< 1	0.17	16
775191	0.005	< 0.2	< 0.5	35	1620	< 1	19	< 2	67	2.93	2	< 10	25	< 0.5	< 2	1.85	13	51	7.29	10	1	0.09	14
775192	0.008	< 0.2	0.6	85	2110	< 1	28	< 2	80	3.82	< 2	< 10	< 10	< 0.5	< 2	2.22	15	47	11.1	10	2	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
775193	0.007	< 0.2	< 0.5	40	1100	< 1	19	< 2	64	1.93	7	< 10	32	< 0.5	< 2	2.33	12	44	4.23	< 10	< 1	0.13	13
775194	0.011	< 0.2	< 0.5	62	1590	< 1	32	5	117	3.55	7	< 10	18	< 0.5	< 2	1.95	18	57	8.57	10	2	0.05	12
775195	0.005	< 0.2	< 0.5	46	1530	< 1	35	< 2	76	2.48	7	< 10	22	< 0.5	< 2	3.73	17	55	4.52	10	< 1	0.07	14
775196	0.006	< 0.2	< 0.5	32	1330	< 1	32	< 2	79	3.12	10	< 10	22	< 0.5	< 2	2.13	16	51	6.80	10	< 1	0.08	13
775197	0.007	< 0.2	< 0.5	115	1650	< 1	29	< 2	130	3.41	< 2	< 10	14	< 0.5	< 2	2.33	15	52	7.98	10	< 1	0.04	< 10
775198	0.005	< 0.2	< 0.5	42	1470	< 1	32	< 2	83	2.80	7	< 10	24	< 0.5	< 2	3.03	16	45	5.77	< 10	< 1	0.10	12
775199	< 0.005	< 0.2	< 0.5	36	1090	< 1	29	< 2	65	2.15	9	< 10	24	< 0.5	< 2	3.10	13	38	4.66	< 10	< 1	0.11	12
775200	0.881	0.2	< 0.5	130	634	< 1	93	3	63	2.98	7	21	25	< 0.5	< 2	2.28	29	90	5.58	< 10	< 1	0.06	< 10
775201	0.005	< 0.2	< 0.5	43	1110	< 1	37	< 2	82	3.04	4	< 10	41	< 0.5	< 2	2.41	14	47	5.89	< 10	< 1	0.22	14
775202	0.009	< 0.2	< 0.5	42	1100	< 1	33	< 2	57	2.50	10	< 10	29	< 0.5	< 2	3.12	15	39	4.89	< 10	< 1	0.16	19
775203	0.011	< 0.2	< 0.5	47	947	< 1	33	< 2	83	2.50	8	< 10	29	< 0.5	< 2	2.37	16	45	5.01	< 10	< 1	0.15	15
775204	0.008	< 0.2	< 0.5	47	960	< 1	26	3	104	2.27	6	< 10	33	< 0.5	< 2	2.58	12	40	4.51	< 10	< 1	0.16	14
775205	0.008	< 0.2	< 0.5	126	389	< 1	27	4	80	2.30	2	< 10	49	< 0.5	< 2	1.76	25	22	5.79	< 10	< 1	0.19	15
775206	0.008	< 0.2	< 0.5	41	1040	< 1	26	< 2	108	2.29	< 2	< 10	31	< 0.5	< 2	1.75	11	40	4.82	< 10	< 1	0.14	13
775207	0.008	< 0.2	< 0.5	34	1480	< 1	28	< 2	83	2.63	6	< 10	29	< 0.5	< 2	2.60	15	43	5.93	< 10	< 1	0.13	12
775208	0.008	< 0.2	< 0.5	43	1640	< 1	30	< 2	72	2.62	6	< 10	37	< 0.5	< 2	3.18	15	42	5.90	< 10	< 1	0.15	13
775209	0.008	< 0.2	< 0.5	24	2310	< 1	27	< 2	66	3.35	3	< 10	17	< 0.5	< 2	4.33	15	47	8.81	10	< 1	0.05	11
775210	0.013	0.3	0.6	52	3270	< 1	21	< 2	48	4.05	5	< 10	43	< 0.5	< 2	5.72	10	37	14.1	10	< 1	0.03	< 10
775211	0.011	< 0.2	< 0.5	10	2950	< 1	24	< 2	68	5.18	5	< 10	< 10	< 0.5	< 2	3.31	7	54	16.3	10	< 1	< 0.01	< 10
775212	0.008	< 0.2	< 0.5	111	2680	< 1	29	< 2	372	5.35	4	< 10	16	< 0.5	< 2	2.12	12	54	15.4	10	< 1	0.01	10
775213	0.009	< 0.2	< 0.5	59	1850	< 1	36	< 2	70	3.32	5	< 10	20	< 0.5	< 2	2.02	17	60	7.60	10	< 1	0.05	13
775214	0.009	< 0.2	< 0.5	51	1280	< 1	24	< 2	61	2.29	8	< 10	47	< 0.5	3	1.83	13	50	4.57	< 10	< 1	0.17	15
775215	0.009	< 0.2	< 0.5	43	1290	< 1	25	< 2	60	2.56	8	< 10	38	< 0.5	< 2	1.50	15	54	5.37	< 10	< 1	0.14	14
775216	0.009	< 0.2	< 0.5	49	1110	< 1	29	< 2	68	2.75	9	< 10	32	< 0.5	< 2	0.96	15	55	6.27	< 10	< 1	0.10	13
775217	0.014	< 0.2	< 0.5	6	2150	< 1	36	8	66	5.00	< 2	< 10	< 10	< 0.5	< 2	2.14	11	54	14.9	10	< 1	< 0.01	10
775218	2.56	2.2	1.3	28	2190	< 1	21	39	126	3.98	3	< 10	< 10	< 0.5	< 2	2.74	9	38	11.9	10	1	< 0.01	< 10
775219	0.229	0.3	< 0.5	72	2170	< 1	36	2	93	5.03	7	< 10	< 10	< 0.5	< 2	1.24	12	59	15.5	10	< 1	< 0.01	< 10
775220	0.010	< 0.2	< 0.5	19	1890	< 1	36	< 2	67	3.54	2	< 10	< 10	< 0.5	< 2	1.38	15	66	9.02	10	< 1	0.01	11
775221	0.008	< 0.2	< 0.5	16	1690	< 1	36	< 2	56	3.18	7	< 10	10	< 0.5	< 2	1.32	18	70	7.21	10	1	0.02	12
775222	0.009	< 0.2	< 0.5	113	1590	< 1	40	< 2	53	3.22	14	< 10	13	< 0.5	< 2	1.35	24	65	6.05	10	1	0.03	13
775223	0.011	< 0.2	< 0.5	70	1640	< 1	34	< 2	48	3.73	12	< 10	15	< 0.5	< 2	1.50	19	61	8.59	10	1	0.03	11
775224	0.008	< 0.2	< 0.5	11	1350	< 1	39	< 2	39	3.14	14	< 10	27	< 0.5	< 2	1.22	19	64	6.78	10	< 1	0.08	14
775225	0.852	0.2	< 0.5	116	607	< 1	90	< 2	62	2.86	5	20	25	< 0.5	< 2	2.21	29	87	5.27	< 10	< 1	0.06	< 10
775226	0.009	< 0.2	< 0.5	4	948	< 1	31	< 2	40	2.77	14	< 10	14	< 0.5	< 2	0.67	18	71	5.87	10	< 1	0.04	11
775227	0.009	< 0.2	< 0.5	4	1340	< 1	38	< 2	56	3.21	23	< 10	13	< 0.5	< 2	1.39	23	69	6.92	10	< 1	0.03	13
775228	0.012	< 0.2	< 0.5	3	1320	< 1	38	< 2	52	2.89	21	< 10	12	< 0.5	< 2	1.23	23	69	5.92	10	< 1	0.02	13
775229	0.014	< 0.2	< 0.5	4	1480	< 1	40	< 2	48	3.04	23	< 10	12	< 0.5	< 2	1.42	23	64	6.09	10	< 1	0.03	14
775230	0.009	< 0.2	< 0.5	119	347	< 1	24	4	76	2.07	< 2	< 10	47	< 0.5	< 2	1.54	23	18	5.38	< 10	< 1	0.19	15
775231	0.012	< 0.2	0.6	< 1	2240	< 1	33	< 2	65	3.81	9	< 10	< 10	< 0.5	< 2	2.13	19	58	7.63	10	1	0.02	12
775232	0.237	0.7	< 0.5	31	1960	5	34	< 2	82	5.39	4	< 10	< 10	< 0.5	< 2	0.73	8	52	16.0	20	< 1	< 0.01	< 10
775233	5.10	1.4	< 0.5	155	1670	< 1	28	2	9	0.29	23	< 10	14	< 0.5	< 2	3.22	11	4	9.93	< 10	< 1	0.10	< 10
775234	3.96	1.1	< 0.5	76	2550	< 1	11	3	7	0.06	3	< 10	< 10	< 0.5	< 2	2.53	3	5	12.3	< 10	1	0.04	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
775235	3.89	1.7	< 0.5	176	2750	< 1	31	4	28	0.51	36	< 10	13	< 0.5	< 2	3.55	7	28	12.5	< 10	1	0.22	< 10
775236	3.94	0.5	0.6	114	1550	< 1	15	4	12	0.46	47	< 10	11	< 0.5	< 2	5.14	5	6	6.92	< 10	< 1	0.09	< 10
775237	0.248	< 0.2	< 0.5	34	953	< 1	6	< 2	13	0.21	17	< 10	< 10	< 0.5	< 2	3.60	3	7	2.76	< 10	< 1	0.03	< 10
775238	2.19	0.6	< 0.5	42	1150	1	21	< 2	3	0.08	138	< 10	< 10	< 0.5	< 2	3.59	9	11	3.51	< 10	< 1	0.04	< 10
775239	5.23	1.2	< 0.5	307	3680	< 1	194	6	9	0.11	5	< 10	< 10	< 0.5	< 2	4.32	66	2	18.8	< 10	< 1	0.06	< 10
775240	0.115	0.5	< 0.5	144	3350	< 1	81	< 2	62	4.46	4	< 10	25	< 0.5	< 2	1.73	21	52	19.1	< 10	< 1	0.12	< 10
775241	0.010	< 0.2	< 0.5	49	3060	< 1	123	< 2	56	4.93	19	< 10	21	< 0.5	< 2	4.13	36	371	9.05	10	< 1	0.05	< 10
775242	0.010	< 0.2	< 0.5	66	1790	< 1	111	< 2	53	4.33	24	< 10	17	< 0.5	< 2	4.92	37	257	7.99	10	2	0.03	< 10
775243	0.009	< 0.2	< 0.5	38	1350	< 1	92	< 2	50	4.02	31	< 10	< 10	< 0.5	< 2	5.12	37	206	7.45	10	< 1	< 0.01	< 10
775244	0.017	< 0.2	< 0.5	79	870	< 1	100	< 2	41	2.72	15	< 10	10	< 0.5	< 2	3.18	30	139	5.21	< 10	< 1	0.02	< 10
775245	0.012	< 0.2	< 0.5	65	867	< 1	127	< 2	39	3.02	25	< 10	11	< 0.5	< 2	2.92	32	120	5.80	< 10	< 1	0.02	< 10
775246	0.012	< 0.2	< 0.5	59	978	< 1	137	< 2	34	3.06	28	< 10	16	< 0.5	< 2	4.50	32	116	5.63	< 10	< 1	0.03	< 10
775247	0.012	< 0.2	< 0.5	39	1040	< 1	150	< 2	44	3.35	32	< 10	11	< 0.5	< 2	5.77	26	153	5.84	10	2	0.02	< 10
775248	0.846	0.3	< 0.5	116	603	< 1	88	3	60	2.85	6	20	25	< 0.5	< 2	2.20	28	88	5.27	< 10	< 1	0.06	< 10
775249	0.009	< 0.2	< 0.5	124	412	< 1	26	3	83	2.20	< 2	< 10	46	< 0.5	< 2	1.67	26	20	5.90	10	< 1	0.17	15
775250	0.022	< 0.2	< 0.5	50	1330	< 1	1220	< 2	16	0.53	92	90	< 10	< 0.5	< 2	5.62	40	511	2.52	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
775151	7.63	0.036	0.012	< 0.02	8	24	95	< 0.02	< 50	6	< 5	< 25	143	< 25	3	< 2
775152	7.76	0.029	0.011	0.12	10	24	96	< 0.02	< 50	< 2	< 5	< 25	142	< 25	< 2	< 2
775153	7.41	0.029	0.011	0.12	11	28	137	< 0.02	< 50	< 2	< 5	< 25	166	< 25	3	3
775154	6.76	0.033	0.008	0.04	9	18	135	< 0.03	< 50	< 3	< 5	< 25	101	< 25	< 3	< 3
775155	4.89	0.034	0.184	0.21	< 2	11	132	0.03	< 20	< 1	< 2	< 10	90	< 10	7	2
775156	1.61	0.580	0.040	0.06	< 2	7	130	0.38	< 20	2	< 2	< 10	150	< 10	11	16
775157	6.91	0.014	0.006	0.09	6	14	136	< 0.01	< 20	< 1	< 2	< 10	80	< 10	3	2
775158	7.44	0.014	0.009	0.07	8	20	130	< 0.01	< 20	< 1	< 2	< 10	120	< 10	3	2
775159	5.57	0.029	0.008	0.26	7	19	420	< 0.02	< 50	< 2	< 5	< 25	108	< 25	4	< 2
775160	4.26	0.051	0.186	0.13	3	12	345	0.07	< 20	3	< 2	< 10	94	< 10	9	3
775161	4.87	0.051	0.330	0.06	2	14	536	0.08	< 20	< 1	< 2	< 10	114	< 10	14	3
775162	7.23	0.034	0.015	0.08	8	20	268	< 0.03	< 50	3	< 5	< 25	122	< 25	4	4
775163	1.70	0.056	0.169	0.61	< 2	5	206	0.02	< 20	< 1	< 2	< 10	47	< 10	6	3
775164	6.54	0.033	0.020	0.20	8	15	176	< 0.03	< 50	< 3	< 5	< 25	86	< 25	3	4
775165	7.46	0.030	0.013	< 0.03	8	20	186	< 0.03	< 50	< 3	< 5	< 25	120	< 25	3	5
775166	7.34	0.009	0.013	< 0.01	7	18	145	0.01	< 20	< 1	< 2	< 10	107	< 10	2	4
775167	5.58	0.014	0.028	0.39	8	15	35	0.03	< 20	< 1	< 2	< 10	93	< 10	2	11
775168	0.71	0.015	0.018	0.17	2	11	27	0.04	< 20	2	< 2	< 10	30	< 10	2	8
775169	2.28	0.028	0.082	0.10	2	10	57	0.02	< 20	< 1	< 2	< 10	64	< 10	7	8
775170	4.81	0.023	0.214	0.02	3	12	72	< 0.01	< 20	< 1	< 2	< 10	99	< 10	9	3
775171	0.94	0.027	0.086	0.06	< 2	3	71	< 0.01	< 20	3	< 2	< 10	26	< 10	8	5
775172	1.15	0.026	0.072	< 0.01	< 2	3	53	< 0.01	< 20	1	< 2	< 10	29	< 10	6	7
775173	1.57	0.036	0.069	< 0.01	2	4	38	< 0.01	< 20	< 1	< 2	< 10	41	< 10	4	7
775174	1.60	0.034	0.075	0.04	< 2	6	39	< 0.01	< 20	2	< 2	< 10	51	< 10	5	7
775175	2.25	0.163	0.066	0.14	< 2	6	52	0.36	< 20	3	< 2	< 10	131	< 10	12	8
775176	1.54	0.038	0.073	< 0.01	2	4	40	< 0.01	< 20	1	< 2	< 10	44	< 10	5	7
775177	1.18	0.038	0.071	< 0.01	< 2	6	47	0.02	< 20	< 1	< 2	< 10	48	< 10	4	7
775178	0.61	0.069	0.026	0.13	5	6	89	0.04	< 20	< 1	6	< 10	38	< 10	5	7
775179	0.09	0.110	0.026	0.36	2	2	98	0.02	< 20	< 1	< 2	< 10	12	< 10	4	4
775180	0.87	0.215	0.070	0.12	< 2	4	41	0.41	< 20	< 1	< 2	< 10	237	< 10	17	15
775181	0.69	0.031	0.054	0.17	3	6	48	0.06	< 20	7	< 2	< 10	39	< 10	4	10
775182	1.19	0.026	0.081	< 0.01	< 2	3	25	0.04	< 20	< 1	< 2	< 10	34	< 10	4	7
775183	1.05	0.036	0.077	< 0.01	< 2	4	28	< 0.01	< 20	1	< 2	< 10	34	< 10	4	6
775184	1.51	0.122	0.070	0.02	3	9	40	0.11	< 20	< 1	< 2	< 10	80	< 10	6	6
775185	2.77	0.017	0.050	0.75	5	13	50	0.06	< 20	< 1	< 2	< 10	83	< 10	4	10
775186	2.36	0.027	0.078	< 0.01	< 2	5	25	< 0.01	< 20	< 1	< 2	< 10	44	< 10	4	6
775187	2.24	0.032	0.069	0.02	3	6	34	0.03	< 20	< 1	< 2	< 10	56	< 10	5	8
775188	1.44	0.071	0.068	0.01	< 2	6	29	0.05	< 20	< 1	< 2	< 10	48	< 10	4	9
775189	0.89	0.055	0.092	< 0.01	< 2	4	28	0.02	< 20	< 1	< 2	< 10	32	< 10	5	4
775190	1.08	0.043	0.080	< 0.01	< 2	3	23	0.03	< 20	1	< 2	< 10	34	< 10	4	5
775191	1.31	0.054	0.079	0.04	2	10	25	0.09	< 20	3	< 2	< 10	77	< 10	5	9
775192	1.63	0.025	0.052	0.37	4	13	25	0.06	< 20	3	< 2	< 10	82	< 10	5	9

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
775193	1.06	0.066	0.082	< 0.01	< 2	4	29	0.05	< 20	4	< 2	< 10	42	< 10	6	6
775194	1.99	0.040	0.071	0.04	3	11	24	0.05	< 20	< 1	< 2	< 10	81	< 10	6	8
775195	1.93	0.067	0.071	< 0.01	< 2	7	45	0.01	< 20	< 1	< 2	< 10	62	< 10	5	8
775196	1.90	0.052	0.074	< 0.01	3	8	26	0.02	< 20	2	< 2	< 10	65	< 10	5	7
775197	1.93	0.036	0.065	0.02	3	8	24	0.02	< 20	< 1	< 2	< 10	67	< 10	6	10
775198	1.71	0.046	0.067	< 0.01	2	6	37	0.01	< 20	< 1	< 2	< 10	51	< 10	4	8
775199	1.34	0.036	0.064	< 0.01	< 2	4	31	< 0.01	< 20	< 1	< 2	< 10	36	< 10	4	3
775200	2.25	0.158	0.067	0.13	2	6	50	0.35	< 20	6	< 2	< 10	128	< 10	12	8
775201	1.96	0.065	0.070	< 0.01	< 2	5	20	< 0.01	< 20	< 1	< 2	< 10	48	< 10	5	7
775202	1.95	0.033	0.073	0.02	< 2	4	21	< 0.01	< 20	2	< 2	< 10	34	< 10	8	7
775203	1.57	0.045	0.074	0.03	< 2	4	27	0.01	< 20	2	< 2	< 10	43	< 10	6	6
775204	1.32	0.046	0.075	0.01	< 2	3	32	0.01	< 20	2	< 2	< 10	36	< 10	5	5
775205	1.04	0.230	0.069	0.12	< 2	5	46	0.42	< 20	4	< 2	< 10	225	< 10	17	14
775206	1.45	0.038	0.072	0.01	3	3	15	0.03	< 20	2	< 2	< 10	33	< 10	5	6
775207	1.39	0.034	0.072	0.02	< 2	4	34	0.05	< 20	< 1	< 2	< 10	41	< 10	5	7
775208	1.32	0.035	0.068	< 0.01	2	5	41	0.04	< 20	< 1	< 2	< 10	41	< 10	5	8
775209	1.52	0.029	0.060	< 0.01	4	9	54	0.06	< 20	2	< 2	< 10	67	< 10	5	9
775210	1.45	0.020	0.039	0.23	6	10	74	0.08	< 20	2	< 2	< 10	66	< 10	5	8
775211	2.07	0.012	0.053	< 0.01	4	12	46	0.10	< 20	< 1	< 2	< 10	83	< 10	5	9
775212	2.80	0.027	0.058	0.04	4	12	31	0.12	< 20	< 1	< 2	< 10	85	< 10	4	12
775213	2.04	0.058	0.071	< 0.01	3	10	31	0.07	< 20	1	< 2	< 10	80	< 10	4	10
775214	1.47	0.108	0.078	< 0.01	< 2	5	22	0.03	< 20	< 1	< 2	< 10	48	< 10	5	7
775215	1.61	0.089	0.075	< 0.01	2	6	20	0.06	< 20	< 1	< 2	< 10	55	< 10	5	7
775216	1.54	0.054	0.079	< 0.01	< 2	7	15	0.07	< 20	< 1	< 2	< 10	62	< 10	4	7
775217	2.80	0.020	0.054	0.05	5	13	16	0.10	< 20	< 1	< 2	< 10	83	< 10	5	10
775218	3.65	0.015	0.044	0.18	4	9	13	0.05	< 20	< 1	< 2	< 10	66	< 10	10	8
775219	2.73	0.022	0.061	0.58	6	15	6	0.09	< 20	< 1	< 2	< 10	100	< 10	4	11
775220	2.06	0.051	0.067	< 0.01	2	14	20	0.10	< 20	< 1	5	< 10	93	< 10	4	9
775221	2.19	0.088	0.068	< 0.01	3	13	19	0.09	< 20	3	< 2	< 10	92	< 10	4	10
775222	3.04	0.048	0.072	0.01	2	10	12	0.01	< 20	< 1	< 2	< 10	78	< 10	4	10
775223	2.62	0.038	0.068	0.03	4	10	16	0.05	< 20	1	< 2	< 10	82	< 10	5	8
775224	2.23	0.080	0.073	< 0.01	< 2	8	14	0.06	< 20	< 1	< 2	< 10	75	< 10	5	7
775225	2.12	0.153	0.064	0.13	2	6	49	0.34	< 20	3	< 2	< 10	123	< 10	12	9
775226	1.95	0.060	0.072	0.02	< 2	10	8	0.04	< 20	1	< 2	< 10	80	< 10	5	7
775227	2.29	0.077	0.071	0.03	2	11	16	0.04	< 20	< 1	< 2	< 10	86	< 10	5	7
775228	2.11	0.055	0.079	0.02	3	12	17	0.04	< 20	2	< 2	< 10	88	< 10	5	8
775229	2.37	0.081	0.073	< 0.01	2	11	14	0.01	< 20	< 1	< 2	< 10	83	< 10	5	8
775230	0.89	0.218	0.068	0.10	< 2	4	43	0.41	< 20	4	< 2	< 10	219	< 10	16	15
775231	3.02	0.033	0.062	< 0.01	3	11	28	0.02	< 20	< 1	< 2	< 10	84	< 10	5	9
775232	3.98	0.019	0.045	0.67	6	12	9	0.07	< 20	< 1	< 2	< 10	94	< 10	3	15
775233	0.69	0.046	0.003	3.49	2	< 1	40	< 0.01	< 20	7	< 2	< 10	7	< 10	2	3
775234	0.63	0.021	0.003	2.01	4	< 1	24	< 0.01	< 20	2	< 2	< 10	6	< 10	2	4

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
775235	1.25	0.084	0.003	2.43	4	3	42	< 0.01	< 20	1	< 2	< 10	21	< 10	2	4
775236	0.69	0.042	0.004	1.91	< 2	2	39	< 0.01	< 20	< 1	< 2	< 10	9	< 10	3	3
775237	0.35	0.023	0.001	1.00	< 2	< 1	25	< 0.01	< 20	< 1	< 2	< 10	4	< 10	2	1
775238	0.16	0.024	< 0.001	1.48	< 2	< 1	34	< 0.01	< 20	< 1	< 2	< 10	2	< 10	1	1
775239	0.21	0.027	0.006	7.40	5	2	34	< 0.01	< 20	< 1	< 2	< 10	14	< 10	3	6
775240	2.54	0.044	0.048	1.89	7	9	27	0.07	< 20	< 1	< 2	< 10	63	< 10	4	16
775241	4.63	0.015	0.026	0.02	4	16	34	0.14	< 20	< 1	< 2	< 10	135	< 10	8	4
775242	4.19	0.030	0.022	0.06	3	23	48	0.21	< 20	< 1	< 2	< 10	190	< 10	9	4
775243	3.90	0.027	0.020	0.03	4	25	52	0.18	< 20	< 1	< 2	< 10	187	< 10	8	3
775244	2.38	0.067	0.034	0.12	< 2	9	32	0.30	< 20	2	< 2	< 10	128	< 10	10	6
775245	2.81	0.042	0.036	0.12	2	10	31	0.29	< 20	< 1	< 2	< 10	141	< 10	9	6
775246	2.86	0.059	0.033	0.10	< 2	12	57	0.28	< 20	2	< 2	< 10	138	< 10	9	6
775247	3.28	0.029	0.030	0.02	< 2	19	46	0.17	< 20	1	< 2	< 10	147	< 10	8	4
775248	2.12	0.153	0.064	0.13	< 2	6	49	0.34	< 20	4	< 2	< 10	122	< 10	12	9
775249	1.05	0.199	0.068	0.10	< 2	5	48	0.42	< 20	4	< 2	< 10	222	< 10	16	14
775250	16.1	0.013	0.002	< 0.01	2	4	55	0.02	< 20	2	< 2	< 10	20	< 10	1	< 1

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
GXR-6 Meas		0.2	< 0.5	66	929	1	20	81	108	6.35	224	< 10	827	0.8	< 2	0.13	10	77	5.08	20	2	0.94	< 10
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
GXR-6 Meas		0.3	< 0.5	67	986	1	22	90	121	6.82	249	< 10	826	0.8	< 2	0.14	11	84	5.54	20	2	0.99	< 10
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
OREAS 134b (AQUA REGIA) Meas		> 100	588	1240				> 5000	> 10000		220						95		10.5				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	622	1430				> 5000	> 10000		246						102		12.3				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						106		12.25				
OREAS 133a (Aqua Regia) Meas		97.6	315	316				> 5000	> 10000		140		12				20		7.31				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		> 100	319	342				> 5000	> 10000		145		< 10				20		7.93				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 923 (AQUA REGIA) Meas		1.9	0.6	4460	869	< 1	31	78	325	2.77	7		62	0.7	17	0.35	20	45	5.92	< 10		0.34	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.5	0.6	4690	897	< 1	34	83	355	3.03	9		65	0.7	18	0.37	22	47	6.50	< 10		0.38	35
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.6	6040	331	5	4	34	138	1.07	36		222	1.0	20	0.24	42	10	7.53	20		0.30	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.5	0.6	6610	354	6	4	35	156	1.20	41		232	1.1	23	0.26	46	10	8.40	20		0.34	40
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
Oreas 621 (Aqua Regia) Meas		70.5	296	3590	540	14	30	> 5000	> 10000	1.64	81			0.6	< 2	1.51	30	40	3.40	< 10	5	0.31	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		74.5	300	3770	547	14	31	> 5000	> 10000	1.78	85			0.6	4	1.55	31	38	3.67	10	4	0.34	21
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 221 (Fire Assay) Meas	1.07																						
Oreas 221 (Fire Assay) Cert	1.06																						
Oreas 221 (Fire Assay) Meas	1.09																						
Oreas 221 (Fire Assay) Cert	1.06																						
Oreas 221 (Fire Assay) Meas	1.11																						
Oreas 221 (Fire Assay) Cert	1.06																						
775153 Orig		< 0.5	< 1	63	1630	< 2	913	< 5	60	4.08	6	< 25	< 25	< 1	< 5	4.99	88	2830	7.86	< 20	< 2	< 0.02	< 25
775153 Dup		< 0.5	< 1	53	1680	< 2	950	< 5	63	4.25	6	< 25	< 25	< 1	< 5	5.20	91	2960	8.15	< 20	< 2	< 0.02	< 25
775160 Orig	0.005																						
775160 Dup	0.005																						
775161 Orig		< 0.2	< 0.5	44	776	< 1	137	2	79	3.19	< 2	< 10	1190	1.6	< 2	4.72	29	194	5.14	10	< 1	0.52	51
775161 Dup		< 0.2	< 0.5	43	771	< 1	135	2	77	3.20	< 2	< 10	1160	1.7	< 2	4.71	29	192	5.17	10	< 1	0.52	51
775170 Orig	0.006																						
775170 Dup	0.005																						
775181 Orig	0.013																						
775181 Dup	0.017																						
775195 Orig	0.006																						
775195 Dup	0.005																						
775197 Orig		< 0.2	0.6	114	1650	< 1	29	2	132	3.42	3	< 10	14	< 0.5	< 2	2.34	15	53	8.02	10	< 1	0.04	< 10
775197 Dup		< 0.2	< 0.5	117	1650	< 1	29	< 2	128	3.39	< 2	< 10	14	< 0.5	< 2	2.32	15	52	7.93	10	< 1	0.04	< 10
775201 Orig	0.005																						
775201 Split PREP DUP	< 0.005																						
775201 Orig		< 0.2	< 0.5	43	1090	< 1	36	< 2	82	2.99	4	< 10	39	< 0.5	< 2	2.38	14	46	5.78	< 10	< 1	0.22	14
775201 Dup		< 0.2	< 0.5	43	1120	< 1	37	< 2	82	3.10	5	< 10	42	< 0.5	< 2	2.45	14	47	6.00	< 10	< 1	0.23	14
775204 Orig	0.008																						
775204 Dup	0.008																						
775214 Orig	0.009	< 0.2	< 0.5	51	1290	< 1	24	< 2	62	2.31	8	< 10	48	< 0.5	3	1.84	13	50	4.63	< 10	< 1	0.18	15
775214 Dup	0.009	< 0.2	< 0.5	51	1280	< 1	23	< 2	61	2.27	9	< 10	46	< 0.5	2	1.82	13	50	4.52	< 10	< 1	0.17	15
775217 Orig		< 0.2	< 0.5	6	2120	< 1	37	8	66	4.93	< 2	< 10	< 10	< 0.5	< 2	2.12	12	54	14.6	10	1	< 0.01	10
775217 Dup		< 0.2	< 0.5	6	2180	< 1	35	8	67	5.06	6	< 10	< 10	< 0.5	< 2	2.16	11	55	15.1	10	< 1	< 0.01	10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
775229 Orig	0.014																						
775229 Dup	0.015																						
775230 Orig		< 0.2	< 0.5	118	346	< 1	23	4	75	2.06	< 2	< 10	47	< 0.5	< 2	1.53	22	18	5.33	< 10	< 1	0.19	14
775230 Dup		< 0.2	0.5	121	348	< 1	24	3	77	2.08	< 2	< 10	47	< 0.5	< 2	1.54	24	18	5.42	< 10	< 1	0.19	15
775239 Orig	4.83																						
775239 Dup	5.63																						
775242 Orig		< 0.2	0.7	67	1820	< 1	114	< 2	53	4.41	27	< 10	18	< 0.5	< 2	4.98	38	261	8.16	10	1	0.03	< 10
775242 Dup		< 0.2	< 0.5	65	1760	< 1	108	< 2	52	4.24	21	< 10	17	< 0.5	< 2	4.86	36	253	7.82	10	2	0.03	< 10
775249 Orig	0.009																						
775249 Dup	0.009																						
775250 Orig	0.022																						
775250 Split PREP DUP	0.020																						
Method Blank		< 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
Method Blank		< 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
Method Blank		< 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
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	0.005																						
Method Blank		< 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
Method Blank		< 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

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
GXR-6 Meas	0.35	0.083	0.030	0.01	5	19	31		< 20	< 1	< 2	< 10	157	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.38	0.089	0.032	0.01	4	19	35		< 20	< 1	< 2	< 10	170	< 10	5	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				14.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				17.8												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.3	139											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				11.1	141											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.64	4	4	14		< 20		< 2	< 10	34	< 10	17	25
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.51		0.061	0.68	< 2	4	17		< 20		< 2	< 10	37	< 10	19	13
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.094	0.023	0.06	5	2	12	0.02	< 20	3	< 2	< 10	6	< 10	7	48
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.24	0.106	0.025	0.06	5	3	15	0.02	< 20	< 1	< 2	< 10	7	< 10	8	45
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
Oreas 621 (Aqua Regia) Meas	0.43	0.171	0.034	4.25	120	2	18		< 20		< 2	< 10	13	< 10	7	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.47	0.192	0.035	4.59	129	3	21		< 20		< 2	< 10	13	< 10	8	59
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 221 (Fire Assay) Meas																
Oreas 221 (Fire Assay) Cert																
Oreas 221 (Fire Assay) Meas																
Oreas 221 (Fire Assay) Cert																
Oreas 221 (Fire Assay) Meas																
Oreas 221 (Fire Assay) Cert																
775153 Orig	7.26	0.026	0.011	0.12	10	28	135	< 0.02	< 50	< 2	< 5	< 25	162	< 25	3	3
775153 Dup	7.56	0.032	0.011	0.12	13	29	139	0.03	< 50	< 2	< 5	< 25	169	< 25	3	3
775160 Orig																
775160 Dup																
775161 Orig	4.86	0.052	0.330	0.06	3	14	536	0.08	< 20	< 1	< 2	< 10	114	< 10	14	3
775161 Dup	4.87	0.049	0.331	0.06	2	14	537	0.08	< 20	< 1	< 2	< 10	114	< 10	14	3
775170 Orig																
775170 Dup																
775181 Orig																
775181 Dup																
775195 Orig																
775195 Dup																
775197 Orig	1.94	0.036	0.066	0.02	3	8	24	0.02	< 20	< 1	< 2	< 10	66	< 10	6	10
775197 Dup	1.93	0.036	0.065	0.02	3	8	25	0.02	< 20	< 1	< 2	< 10	67	< 10	6	10
775201 Orig																
775201 Split PREP DUP																
775201 Orig	1.93	0.064	0.069	< 0.01	3	5	20	< 0.01	< 20	2	< 2	< 10	47	< 10	5	8
775201 Dup	1.99	0.066	0.071	< 0.01	< 2	5	20	< 0.01	< 20	< 1	< 2	< 10	48	< 10	5	5
775204 Orig																
775204 Dup																
775214 Orig	1.48	0.109	0.079	< 0.01	< 2	5	22	0.03	< 20	< 1	< 2	< 10	49	< 10	5	7
775214 Dup	1.47	0.106	0.078	< 0.01	< 2	5	22	0.03	< 20	3	< 2	< 10	48	< 10	5	6
775217 Orig	2.76	0.020	0.053	0.05	4	13	16	0.10	< 20	< 1	< 2	< 10	82	< 10	5	10
775217 Dup	2.83	0.020	0.054	0.05	6	13	16	0.11	< 20	< 1	< 2	< 10	84	< 10	5	11

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
775229 Orig																
775229 Dup																
775230 Orig	0.88	0.218	0.067	0.10	< 2	4	43	0.41	< 20	4	< 2	< 10	218	< 10	16	13
775230 Dup	0.89	0.219	0.069	0.10	< 2	4	42	0.41	< 20	3	< 2	< 10	220	< 10	16	17
775239 Orig																
775239 Dup																
775242 Orig	4.27	0.032	0.023	0.06	3	24	49	0.22	< 20	< 1	< 2	< 10	194	< 10	9	4
775242 Dup	4.10	0.029	0.022	0.06	3	23	47	0.21	< 20	< 1	< 2	< 10	187	< 10	9	4
775249 Orig																
775249 Dup																
775250 Orig																
775250 Split PREP DUP																
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Aug-19
Invoice No.: A19-10872-1C
Invoice Date: 23-Sep-19
Your Reference: August 19/19

Central Timmins Explo Corp
4950 Yonge Street Suite 1008
Toronto
Ontario
M2N 6K1

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

100 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)

REPORT **A19-10872-1C**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Pd	Pt
Unit Symbol	ppb	ppb
Lower Limit	5	5
Method Code	FA-ICP	FA-ICP
775233	< 5	< 5
775234	< 5	< 5
775235	< 5	< 5
775236	< 5	< 5
775237	< 5	< 5
775238	< 5	< 5
775239	< 5	5

Analyte Symbol	Pd	Pt
Unit Symbol	ppb	ppb
Lower Limit	5	5
Method Code	FA-ICP	FA-ICP
PK2 Meas	5840	4660
PK2 Cert	5918	4749
CDN-PGMS-28 Meas	1630	1400
CDN-PGMS-28 Cert	1750	1510
Method Blank	< 5	< 5
Method Blank	< 5	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Aug-19
Invoice No.: A19-10995
Invoice Date: 28-Aug-19
Your Reference: Deloro

Central Timmins Explo Corp
4950 Yonge Street Suite 1008
Toronto
Ontario
M2N 6K1

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

58 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins (10g/m t) QOP AA-Au (Au - Fire Assay AA)

Code 1E3-Timmins QOP AquaGeo (Aqua Regia ICPOES)

REPORT **A19-10995**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
859501	0.005	< 0.2	< 0.5	60	1120	< 1	666	< 2	35	2.91	537	< 10	< 10	< 0.5	2	3.44	71	1620	4.88	< 10	< 1	< 0.01	< 10
859502	< 0.005	< 0.2	< 0.5	38	1360	< 1	448	< 2	36	3.32	215	< 10	< 10	< 0.5	< 2	2.98	56	1610	5.49	< 10	< 1	< 0.01	< 10
859503	< 0.005	< 0.2	< 0.5	49	1110	< 1	385	< 2	37	3.78	157	< 10	< 10	< 0.5	< 2	2.08	58	1950	6.07	< 10	1	< 0.01	< 10
859504	< 0.005	< 0.2	< 0.5	56	913	< 1	428	< 2	39	3.78	239	< 10	< 10	< 0.5	< 2	1.82	63	1890	5.98	< 10	< 1	< 0.01	< 10
859505	< 0.005	< 0.2	< 0.5	16	1280	< 1	216	< 2	74	4.60	122	< 10	< 10	< 0.5	< 2	2.35	20	410	7.49	10	2	< 0.01	< 10
859506	< 0.005	< 0.2	< 0.5	31	1230	< 1	43	2	82	2.69	25	< 10	19	< 0.5	< 2	2.15	17	70	5.32	10	< 1	0.04	11
859507	< 0.005	< 0.2	< 0.5	24	1270	< 1	36	4	80	2.74	29	< 10	15	< 0.5	< 2	2.34	18	63	5.81	10	< 1	0.03	11
859508	< 0.005	< 0.2	< 0.5	36	1330	< 1	31	< 2	70	2.36	18	< 10	26	< 0.5	< 2	2.83	13	50	4.91	< 10	< 1	0.07	12
859509	< 0.005	< 0.2	< 0.5	45	1310	< 1	37	< 2	77	2.42	27	< 10	37	< 0.5	< 2	2.89	16	51	4.71	< 10	< 1	0.11	14
859510	< 0.005	< 0.2	< 0.5	41	1380	< 1	37	10	76	2.48	31	< 10	29	< 0.5	< 2	2.43	16	54	4.84	< 10	< 1	0.07	12
859511	< 0.005	< 0.2	< 0.5	39	1590	< 1	37	< 2	76	2.43	27	< 10	43	< 0.5	< 2	3.04	16	51	4.87	< 10	< 1	0.11	14
859512	< 0.005	< 0.2	< 0.5	44	1570	< 1	43	< 2	72	2.70	13	< 10	13	< 0.5	< 2	1.84	18	70	5.64	10	< 1	0.02	14
859513	0.016	< 0.2	< 0.5	63	2010	< 1	483	5	38	3.34	40	< 10	< 10	< 0.5	< 2	2.97	47	1740	4.57	10	< 1	< 0.01	< 10
859514	0.006	< 0.2	< 0.5	45	1410	< 1	658	5	20	1.91	111	< 10	< 10	< 0.5	< 2	3.26	61	905	3.47	< 10	< 1	< 0.01	< 10
859515	0.018	< 0.2	< 0.5	18	1240	< 1	1530	< 2	9	1.34	118	< 10	< 10	< 0.5	< 2	2.30	77	1400	4.62	< 10	< 1	< 0.01	< 10
859516	< 0.005	< 0.2	< 0.5	16	1150	< 1	1010	< 2	5	1.26	108	< 10	< 10	< 0.5	2	3.47	65	1200	3.36	< 10	< 1	< 0.01	< 10
859517	< 0.005	< 0.2	< 0.5	68	1430	< 1	530	< 2	19	3.16	96	< 10	< 10	< 0.5	< 2	0.91	57	1150	4.50	< 10	< 1	< 0.01	< 10
859518	< 0.005	< 0.2	< 0.5	2	2050	< 1	35	< 2	46	3.68	2	< 10	< 10	< 0.5	< 2	0.25	15	74	8.47	10	1	< 0.01	13
859519	0.005	< 0.2	< 0.5	4	1200	< 1	26	< 2	35	2.51	< 2	< 10	< 10	< 0.5	< 2	0.25	12	81	5.69	10	< 1	< 0.01	12
859520	< 0.005	< 0.2	< 0.5	< 1	1420	< 1	29	< 2	34	3.09	2	< 10	< 10	< 0.5	< 2	0.22	17	79	7.35	10	< 1	< 0.01	12
859521	0.006	< 0.2	< 0.5	8	1440	< 1	21	2	40	2.65	6	< 10	23	< 0.5	< 2	0.58	14	50	6.72	10	< 1	0.03	12
859522	0.005	< 0.2	< 0.5	3	1050	< 1	37	< 2	39	1.97	16	< 10	32	< 0.5	< 2	0.84	16	64	5.12	10	< 1	0.05	13
859523	0.005	< 0.2	< 0.5	8	1130	< 1	40	< 2	40	2.64	16	< 10	17	< 0.5	< 2	0.65	19	70	7.00	10	< 1	0.02	12
859524	< 0.005	< 0.2	< 0.5	11	1020	< 1	28	< 2	46	2.56	8	< 10	< 10	< 0.5	< 2	0.51	14	74	7.24	10	< 1	< 0.01	12
859525	0.871	0.2	< 0.5	120	665	< 1	91	< 2	66	2.85	6	12	25	< 0.5	< 2	2.21	27	89	5.39	< 10	< 1	0.06	< 10
859526	0.005	< 0.2	< 0.5	27	1450	< 1	38	< 2	104	3.22	17	< 10	< 10	< 0.5	< 2	0.83	21	70	8.50	20	1	< 0.01	13
859527	< 0.005	< 0.2	< 0.5	46	1740	< 1	41	< 2	95	3.13	16	< 10	< 10	< 0.5	< 2	1.05	21	71	8.54	20	1	< 0.01	12
859528	0.015	< 0.2	< 0.5	43	1570	< 1	37	< 2	76	3.24	9	< 10	< 10	< 0.5	< 2	0.53	17	67	9.12	10	< 1	< 0.01	10
859529	0.026	< 0.2	< 0.5	31	1890	< 1	36	< 2	76	4.06	3	< 10	< 10	< 0.5	< 2	0.56	14	64	12.0	20	< 1	< 0.01	< 10
859530	0.007	16.8	170	> 10000	663	1	12	440	> 10000	1.58	185	< 10	< 10	< 0.5	10	0.55	75	51	10.7	20	< 1	0.02	13
859531	0.007	< 0.2	0.6	33	1490	< 1	31	< 2	63	2.82	9	< 10	18	< 0.5	< 2	1.16	14	70	7.22	10	< 1	0.03	12
859532	0.010	< 0.2	< 0.5	46	1070	< 1	23	2	65	2.30	8	< 10	35	< 0.5	< 2	0.96	11	62	5.58	< 10	< 1	0.07	12
859533	0.161	< 0.2	0.7	52	2000	< 1	25	< 2	75	3.87	4	< 10	18	< 0.5	< 2	1.12	14	66	10.4	10	< 1	0.04	10
859534	0.007	< 0.2	< 0.5	49	1040	< 1	24	4	69	2.12	12	< 10	35	< 0.5	< 2	0.99	13	61	4.73	< 10	< 1	0.09	13
859535	0.009	< 0.2	< 0.5	47	1790	< 1	34	< 2	85	3.89	7	< 10	17	< 0.5	< 2	1.52	17	64	9.51	10	< 1	0.04	11
859536	0.036	< 0.2	< 0.5	42	1190	< 1	29	4	49	3.06	16	< 10	26	< 0.5	< 2	0.78	19	68	7.17	10	2	0.07	13
859537	0.052	< 0.2	< 0.5	2	945	< 1	31	< 2	47	2.66	13	< 10	40	< 0.5	< 2	0.89	16	54	5.65	< 10	< 1	0.14	15
859538	0.008	< 0.2	< 0.5	122	954	< 1	19	< 2	46	2.51	6	< 10	35	< 0.5	< 2	1.22	9	49	5.26	10	< 1	0.13	13
859539	0.012	< 0.2	< 0.5	47	1230	< 1	31	< 2	62	2.70	8	< 10	34	< 0.5	< 2	2.12	14	47	6.14	< 10	< 1	0.13	15
859540	0.051	0.2	1.8	164	1620	< 1	26	59	343	2.59	9	< 10	22	< 0.5	< 2	2.44	15	43	8.13	< 10	< 1	0.07	< 10
859541	0.276	< 0.2	< 0.5	57	2390	< 1	23	2	51	3.08	11	< 10	19	< 0.5	< 2	3.42	11	48	7.83	< 10	1	0.07	12
859542	0.008	< 0.2	< 0.5	83	2050	< 1	24	< 2	54	3.01	7	< 10	41	< 0.5	< 2	2.14	8	38	6.80	< 10	< 1	0.16	14

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
859543	0.162	0.3	< 0.5	118	3320	< 1	19	7	20	1.08	31	< 10	12	< 0.5	< 2	2.54	6	9	12.3	< 10	< 1	0.07	< 10
859544	7.01	2.5	< 0.5	173	2910	< 1	17	44	31	0.44	7	< 10	14	< 0.5	< 2	2.41	9	3	11.3	< 10	1	0.29	< 10
859545	0.486	0.6	2.8	50	3080	< 1	10	174	725	0.82	22	< 10	20	< 0.5	< 2	2.46	< 1	3	11.3	< 10	1	0.49	< 10
859546	0.118	< 0.2	< 0.5	13	3610	< 1	4	< 2	18	0.81	4	< 10	23	< 0.5	< 2	2.78	1	3	9.03	< 10	< 1	0.38	< 10
859547	0.240	< 0.2	< 0.5	10	2400	< 1	5	< 2	13	0.34	2	< 10	< 10	< 0.5	< 2	2.15	2	2	6.62	< 10	< 1	0.22	< 10
859548	1.10	1.2	< 0.5	196	5160	1	104	< 2	41	0.58	8	< 10	12	< 0.5	2	1.68	32	26	25.3	< 10	< 1	0.32	< 10
859549	0.043	0.3	0.6	41	2370	< 1	33	3	38	0.82	6	< 10	16	< 0.5	< 2	1.80	13	35	9.82	< 10	< 1	0.37	< 10
859550	0.013	< 0.2	< 0.5	8	2800	< 1	8	< 2	60	1.81	6	< 10	24	< 0.5	< 2	0.66	6	9	11.1	< 10	< 1	0.50	< 10
859551	0.243	< 0.2	< 0.5	< 1	2590	< 1	7	4	40	1.41	6	< 10	22	< 0.5	< 2	0.99	8	7	7.85	< 10	2	0.40	< 10
859552	0.028	0.3	< 0.5	109	2680	< 1	17	3	68	2.57	5	< 10	22	< 0.5	< 2	2.30	13	34	10.3	< 10	< 1	0.31	< 10
859553	0.111	< 0.2	0.8	66	1130	< 1	13	29	117	1.58	< 2	< 10	15	< 0.5	< 2	1.86	11	55	4.81	< 10	< 1	0.03	< 10
859554	0.047	< 0.2	< 0.5	21	2450	< 1	134	< 2	71	4.48	42	< 10	21	< 0.5	< 2	4.70	36	239	8.81	10	1	0.05	< 10
859555	1.95	0.5	< 0.5	153	746	1	93	8	65	3.71	16	< 10	24	< 0.5	< 2	2.91	27	153	5.50	10	< 1	0.09	< 10
859556	0.008	< 0.2	< 0.5	79	1130	< 1	157	< 2	55	3.56	31	< 10	21	< 0.5	< 2	5.06	29	141	6.33	10	1	0.04	< 10
859557	< 0.005	< 0.2	< 0.5	68	1070	< 1	178	< 2	53	3.79	22	< 10	16	< 0.5	< 2	4.29	29	180	6.45	10	< 1	0.03	< 10
859558	< 0.005	< 0.2	< 0.5	123	450	< 1	24	3	92	2.13	< 2	< 10	49	< 0.5	< 2	1.71	24	20	5.98	< 10	< 1	0.20	15

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
859501	6.42	0.012	0.012	0.04	8	14	42	< 0.01	< 20	< 1	< 2	< 10	105	< 10	2	3
859502	6.75	0.010	0.012	0.02	8	19	47	< 0.01	< 20	< 1	< 2	< 10	126	< 10	1	3
859503	6.96	0.013	0.011	0.01	9	23	32	< 0.01	< 20	< 1	< 2	< 10	149	< 10	1	2
859504	6.81	0.013	0.010	0.02	10	23	39	< 0.01	< 20	< 1	< 2	< 10	153	< 10	1	2
859505	5.62	0.012	0.037	< 0.01	3	12	39	0.01	< 20	< 1	< 2	< 10	88	< 10	3	8
859506	1.96	0.060	0.072	< 0.01	< 2	10	36	< 0.01	< 20	< 1	< 2	< 10	84	< 10	4	12
859507	1.80	0.052	0.067	< 0.01	< 2	10	37	0.01	< 20	< 1	< 2	< 10	82	< 10	5	11
859508	1.53	0.048	0.063	< 0.01	2	6	41	< 0.01	< 20	3	< 2	< 10	61	< 10	6	10
859509	1.61	0.048	0.075	< 0.01	< 2	4	43	0.02	< 20	< 1	< 2	< 10	47	< 10	8	12
859510	1.72	0.049	0.073	< 0.01	< 2	6	30	0.14	< 20	1	< 2	< 10	62	< 10	9	14
859511	1.57	0.054	0.072	< 0.01	< 2	6	37	0.19	< 20	< 1	< 2	< 10	58	< 10	10	14
859512	2.07	0.074	0.077	< 0.01	< 2	16	26	0.22	< 20	< 1	< 2	< 10	117	< 10	11	14
859513	5.62	0.014	0.088	0.01	8	7	90	0.09	< 20	< 1	< 2	< 10	95	< 10	6	10
859514	5.48	0.013	0.044	0.09	4	11	93	0.03	< 20	4	< 2	< 10	70	< 10	4	7
859515	10.0	0.012	0.005	0.13	7	9	54	0.01	< 20	< 1	< 2	< 10	56	< 10	2	2
859516	6.63	0.013	0.005	0.11	5	9	95	0.01	< 20	< 1	< 2	< 10	47	< 10	2	1
859517	5.84	0.014	0.032	0.02	6	12	28	0.01	< 20	< 1	< 2	< 10	69	< 10	2	5
859518	3.37	0.067	0.074	< 0.01	3	14	5	0.11	< 20	< 1	< 2	< 10	110	< 10	7	14
859519	1.93	0.083	0.075	0.06	< 2	13	5	0.10	< 20	< 1	< 2	< 10	113	< 10	7	17
859520	2.06	0.073	0.082	< 0.01	3	15	4	0.06	< 20	< 1	< 2	< 10	120	< 10	6	15
859521	1.44	0.063	0.065	0.02	3	10	8	0.11	< 20	< 1	< 2	< 10	85	< 10	9	11
859522	0.94	0.077	0.076	< 0.01	< 2	9	12	0.12	< 20	< 1	< 2	< 10	87	< 10	7	9
859523	1.27	0.068	0.075	0.02	2	12	11	0.11	< 20	< 1	< 2	< 10	100	< 10	5	9
859524	1.08	0.082	0.080	0.04	< 2	14	9	0.11	< 20	< 1	< 2	< 10	120	< 10	6	10
859525	2.13	0.149	0.067	0.13	< 2	6	47	0.34	< 20	4	< 2	< 10	132	< 10	12	19
859526	1.73	0.066	0.078	< 0.01	3	15	12	0.10	< 20	< 1	< 2	< 10	117	< 10	5	11
859527	1.53	0.075	0.078	0.02	3	15	19	0.12	< 20	< 1	< 2	< 10	119	< 10	6	12
859528	1.53	0.059	0.075	0.05	< 2	13	6	0.12	< 20	< 1	< 2	< 10	110	< 10	5	11
859529	1.80	0.035	0.069	0.07	4	15	5	0.09	< 20	< 1	< 2	< 10	111	< 10	6	10
859530	1.12	0.013	0.033	5.03	9	2	22	0.01	< 20	2	< 2	< 10	23	19	9	11
859531	1.48	0.072	0.079	< 0.01	< 2	11	16	0.10	< 20	< 1	< 2	< 10	98	< 10	5	13
859532	1.21	0.071	0.089	< 0.01	< 2	8	16	0.09	< 20	2	< 2	< 10	75	< 10	5	14
859533	1.97	0.042	0.071	0.09	4	13	16	0.09	< 20	< 1	< 2	< 10	99	< 10	5	13
859534	1.41	0.071	0.089	< 0.01	< 2	6	12	0.07	< 20	< 1	< 2	< 10	67	< 10	5	13
859535	2.66	0.045	0.073	0.06	3	13	11	0.07	< 20	< 1	< 2	< 10	98	< 10	6	10
859536	1.95	0.067	0.080	0.01	2	9	8	0.06	< 20	< 1	< 2	< 10	87	< 10	5	13
859537	2.03	0.047	0.086	< 0.01	3	5	7	0.04	< 20	2	< 2	< 10	54	< 10	6	13
859538	1.80	0.057	0.086	0.02	< 2	6	9	0.06	< 20	< 1	< 2	< 10	57	< 10	10	13
859539	1.53	0.045	0.083	0.10	< 2	5	22	0.07	< 20	< 1	< 2	< 10	50	< 10	9	13
859540	1.75	0.046	0.071	1.45	2	7	17	0.06	< 20	< 1	< 2	< 10	61	< 10	8	15
859541	2.18	0.042	0.073	0.22	3	8	26	0.07	< 20	< 1	< 2	< 10	69	< 10	9	13
859542	2.24	0.022	0.076	0.01	< 2	3	13	0.07	< 20	< 1	< 2	< 10	41	< 10	8	13

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
859543	1.29	0.025	0.032	2.03	5	3	32	0.02	< 20	< 1	< 2	< 10	23	< 10	6	9
859544	1.44	0.081	0.016	3.96	4	1	98	< 0.01	< 20	< 1	2	< 10	6	< 10	8	7
859545	1.28	0.128	0.012	1.07	4	2	131	0.02	< 20	< 1	< 2	< 10	11	< 10	7	7
859546	1.06	0.113	0.010	0.33	3	2	73	0.01	< 20	< 1	< 2	< 10	7	< 10	5	8
859547	0.83	0.064	0.006	0.39	2	< 1	63	0.01	< 20	< 1	< 2	< 10	8	< 10	4	5
859548	1.24	0.094	0.010	5.06	8	3	60	0.01	< 20	< 1	< 2	< 10	25	< 10	4	10
859549	1.72	0.115	0.009	1.42	2	4	55	0.02	< 20	< 1	< 2	< 10	36	< 10	7	6
859550	2.04	0.153	0.009	0.08	3	10	48	0.05	< 20	< 1	< 2	< 10	75	< 10	2	7
859551	1.92	0.131	0.010	0.02	2	10	36	0.05	< 20	< 1	< 2	< 10	59	< 10	2	5
859552	2.79	0.105	0.011	0.22	3	14	52	0.04	< 20	< 1	< 2	< 10	86	< 10	3	6
859553	1.83	0.024	0.017	0.51	2	9	18	0.03	< 20	< 1	< 2	< 10	57	< 10	3	4
859554	5.63	0.019	0.025	0.10	4	18	28	0.04	< 20	< 1	< 2	< 10	121	< 10	9	5
859555	2.24	0.065	0.032	0.26	< 2	7	41	0.36	< 20	2	< 2	< 10	160	< 10	9	14
859556	3.45	0.038	0.031	0.06	3	19	43	0.19	< 20	< 1	< 2	< 10	158	< 10	10	6
859557	3.82	0.041	0.032	0.03	2	23	39	0.22	< 20	< 1	< 2	< 10	169	< 10	10	5
859558	1.02	0.189	0.071	0.11	< 2	5	46	0.43	< 20	4	< 2	< 10	246	< 10	18	34

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
GXR-1 Meas		28.6	2.6	1160	803	15	32	650	809	0.30	389	11	219	0.8	1410	0.65	< 1	7	21.2	< 10	3	0.03	< 10
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
GXR-6 Meas		0.3	< 0.5	67	993	1	22	93	196	6.32	229	< 10	780	0.8	< 2	0.13	10	78	5.10	20	2	0.92	< 10
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
GXR-6 Meas		0.3	< 0.5	68	995	1	21	91	123	6.43	228	< 10	796	0.8	< 2	0.13	10	78	5.15	20	3	0.94	< 10
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
OREAS 134b (AQUA REGIA) Meas		> 100	587	1370				> 5000	> 10000		237						97		11.5				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	587	1330				> 5000	> 10000		239						98		11.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		90.0	288	298				> 5000	> 10000		137		20				18		6.92				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		90.2	289	296				> 5000	> 10000		139		20				18		7.10				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 923 (AQUA REGIA) Meas		1.8	0.9	4290	886	< 1	30	87	398	2.71	8		60	0.6	18	0.34	18	44	5.74	< 10		0.34	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	1.4	6150	356	5	5	42	383	1.07	38		215	1.0	23	0.24	42	11	7.58	20		0.30	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.5	0.5	6660	366	6	3	38	165	1.17	40		230	1.1	22	0.25	43	10	8.16	20		0.33	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
Oreas 621 (Aqua Regia) Meas		71.1	282	3700	562	13	26	> 5000	> 10000	1.65	82			0.6	3	1.49	28	32	3.41	< 10	4	0.32	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	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
Method Code	FA-AA	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	AR-ICP	AR-ICP
Oreas 621 (Aqua Regia) Meas		72.7	285	3620	571	14	30	> 5000	> 10000	1.68	83			0.6	3	1.53	29	38	3.50	< 10	4	0.33	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 221 (Fire Assay) Meas	1.08																						
Oreas 221 (Fire Assay) Cert	1.06																						
Oreas 221 (Fire Assay) Meas	1.05																						
Oreas 221 (Fire Assay) Cert	1.06																						
859503 Orig		< 0.2	< 0.5	49	1120	< 1	388	< 2	37	3.80	161	< 10	< 10	< 0.5	4	2.09	59	1960	6.09	< 10	1	< 0.01	< 10
859503 Dup		< 0.2	< 0.5	49	1100	< 1	381	< 2	37	3.75	154	< 10	< 10	< 0.5	< 2	2.06	57	1940	6.06	< 10	1	< 0.01	< 10
859510 Orig	< 0.005																						
859510 Dup	< 0.005																						
859516 Orig		< 0.2	< 0.5	16	1160	< 1	1020	< 2	5	1.28	109	< 10	< 10	< 0.5	3	3.48	64	1210	3.40	< 10	< 1	< 0.01	< 10
859516 Dup		< 0.2	< 0.5	15	1150	< 1	1010	2	5	1.24	107	< 10	< 10	< 0.5	2	3.46	65	1180	3.33	< 10	< 1	< 0.01	< 10
859520 Orig	< 0.005																						
859520 Dup	< 0.005																						
859528 Orig		< 0.2	< 0.5	43	1580	< 1	37	< 2	77	3.27	11	< 10	< 10	< 0.5	< 2	0.53	17	67	9.21	10	1	< 0.01	10
859528 Dup		< 0.2	0.6	43	1560	< 1	37	< 2	75	3.21	8	< 10	< 10	< 0.5	< 2	0.53	17	67	9.04	10	< 1	< 0.01	10
859530 Orig	0.007																						
859530 Dup	0.007																						
859542 Orig		< 0.2	< 0.5	83	2060	< 1	24	< 2	55	3.03	6	< 10	40	< 0.5	< 2	2.16	8	39	6.83	< 10	1	0.16	14
859542 Dup		< 0.2	< 0.5	83	2040	< 1	24	< 2	54	3.00	7	< 10	42	< 0.5	< 2	2.12	8	38	6.76	< 10	< 1	0.17	14
859545 Orig	0.457																						
859545 Dup	0.515																						
859550 Orig	0.013																						
859550 Split PREP DUP	0.006																						
859554 Orig	0.047																						
859554 Dup	0.047																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 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
Method Blank		< 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
Method Blank		< 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

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
GXR-1 Meas	0.12	0.046	0.038	0.18	81	1	161	< 0.01	< 20	8	< 2	28	82	133	22	13
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-6 Meas	0.35	0.083	0.030	0.01	5	18	33		< 20	< 1	< 2	< 10	170	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.35	0.086	0.030	0.01	5	19	34		< 20	< 1	< 2	< 10	171	< 10	5	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				17.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				8.67	138											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				8.92	138											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 923 (AQUA REGIA) Meas	1.34		0.058	0.60	< 2	4	15		< 20		< 2	< 10	36	< 10	17	28
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.095	0.024	0.06	6	2	13	0.02	< 20	< 1	< 2	< 10	7	< 10	7	47
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.23	0.106	0.026	0.06	5	3	14	0.02	< 20	< 1	< 2	< 10	8	< 10	7	49
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
Oreas 621 (Aqua Regia) Meas	0.43	0.174	0.034	4.17	133	2	20		< 20		< 2	< 10	14	< 10	7	61
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	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
Oreas 621 (Aqua Regia) Meas	0.44	0.178	0.034	4.32	133	2	20		< 20		< 2	< 10	14	< 10	8	63
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 221 (Fire Assay) Meas																
Oreas 221 (Fire Assay) Cert																
Oreas 221 (Fire Assay) Meas																
Oreas 221 (Fire Assay) Cert																
859503 Orig	6.98	0.014	0.011	0.01	9	23	32	< 0.01	< 20	< 1	< 2	< 10	150	< 10	1	2
859503 Dup	6.94	0.012	0.011	0.01	9	23	32	< 0.01	< 20	< 1	2	< 10	148	< 10	1	2
859510 Orig																
859510 Dup																
859516 Orig	6.71	0.013	0.005	0.11	5	9	95	0.01	< 20	< 1	< 2	< 10	47	< 10	2	1
859516 Dup	6.55	0.012	0.005	0.11	5	9	95	0.01	< 20	3	< 2	< 10	46	< 10	2	1
859520 Orig																
859520 Dup																
859528 Orig	1.54	0.061	0.075	0.05	< 2	14	6	0.12	< 20	< 1	< 2	< 10	110	< 10	5	11
859528 Dup	1.52	0.058	0.074	0.05	4	13	6	0.11	< 20	< 1	< 2	< 10	109	< 10	5	11
859530 Orig																
859530 Dup																
859542 Orig	2.26	0.022	0.076	0.01	< 2	3	13	0.07	< 20	< 1	< 2	< 10	41	< 10	8	13
859542 Dup	2.22	0.023	0.075	0.01	3	3	13	0.07	< 20	< 1	< 2	< 10	40	< 10	8	13
859545 Orig																
859545 Dup																
859550 Orig																
859550 Split PREP DUP																
859554 Orig																
859554 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Aug-19
Invoice No.: A19-10995-1C
Invoice Date: 23-Sep-19
Your Reference: Deloro

Central Timmins Explo Corp
4950 Yonge Street Suite 1008
Toronto
Ontario
M2N 6K1

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

58 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)

REPORT **A19-10995-1C**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Pd	Pt
Unit Symbol	ppb	ppb
Lower Limit	5	5
Method Code	FA-ICP	FA-ICP
859544	< 5	< 5
859545	< 5	< 5
859546	< 5	< 5
859547	< 5	< 5
859548	< 5	< 5

Analyte Symbol	Pd	Pt
Unit Symbol	ppb	ppb
Lower Limit	5	5
Method Code	FA-ICP	FA-ICP
PK2 Meas	5840	4660
PK2 Cert	5918	4749
CDN-PGMS-28 Meas	1630	1400
CDN-PGMS-28 Cert	1750	1510
Method Blank	< 5	< 5
Method Blank	< 5	< 5

Appendix C

Costs and Certification

CTEC 2019 D-19-06 / 07 Drill Program

Vendors	Date	Invoice	Units	# of Units	Rates	Costs	Notes
SMP Drilling	July 22 -26, 2019	110	metres	237	$ 73.99	$ 17,536.79	D-19-06 all inclusive
				132	$ 101.94	$ 13,455.63	D-19-07 all inclusive
			total	369	$ 83.99	$ 30,992.42	
Actlabs	17-Sep-19	A19-10872	assay	100	$ 29.44	$ 2,944.00	
		A19-10872	assay	7	$ 20.75	$ 145.25	1C extra assay
	28-Aug-19	A19-10995	assay	58	$ 29.52	$ 1,712.00	
	24-Sep-19	A19-10995 B	assay	5	$ 20.75	$ 103.75	1C extra assay
			total	170	$ 28.85	$ 4,905.00	assays
R.B. Paloma	Aug 1 - 29, 2019	2019-008	mandays	6.5	$ 400.00	$ 2,600.00	D-19-06
		2019-008	mandays	0.5	$ 400.00	$ 200.00	D-19-07
	July 4 - 31	2019-007	mandays	2.5	$ 400.00	$ 1,000.00	D-19-07 est
			total	10	$ 400.00	$ 3,800.00	
D. Johannsson	Aug. 1 2019	DJ19-07		1	$ 300.00	$ 300.00	D-19-07
R.Rioux	Aug 29 - Sept 13, 2019	Aug 29/Sept 13	hours	36.5	$ 27.00	$ 985.50	est 4/hr core services
			total	37	$ 27.00	$ 985.50	(146 core samples)
Polk Geol. Serv.	July 16-Sept 15 2019	447	monthly	0.75	$ 2,874.47	$ 2,155.85	
					TOTAL DRILLING	**$ 43,138.77**	
					FINAL COST /m	$ 116.91	

Cost Distribution

Mining Land	Drill hole	Metres	Costs	%	Actual
PAT-3479	D-19-06	237	$ 27,707.02	17%	$ 4,710.19
				Total	$ 4,710
PAT-3451	D-19-07	132	$ 15,431.76	100%	$ 15,431.76
	D-19-06	237	$ 27,707.02	83%	$ 22,996.82
				Total	$ 38,429

CERTIFICATE

Rainer Skeries

As co-author this report entitled "MMI Soil Geochem Assessment Report, Mountjoy Project - River Group - , in Mountjoy Township, Porcupine Mining District, Ontario", I certify that:

1. I am an independent geological consultant and carried out this assignment for Central Timmins Exploration Corp. (CTEC), 1008-4950 Yonge St., North York, ON, M2n 6K1.

2. I hold the following academic qualifications: H.BSc (Geology) University of Western Ontario, 1976.

3. I am a registered Professional Geoscientist with the Association of Professional Geoscientists of Ontario (#0598) and Association of Professional Engineers and Geoscientists of Saskatchewan (#10898 non-practicing).

4. I have worked as a geologist in the minerals industry for 40+ years.

5. I am not aware of any material fact, or change in reported information, in connection with the subject property, not reported or considered by me, the omission of which makes this report misleading.

6. I am independent of the parties involved other than providing consulting services.

Dated at Collingwood, ON, Canada, this 6th day of April, 2021.

DECLARATION of PHILIP BURT

I hereby state that:

1. My name is Philip David Burt and I am a Consulting Geologist and Sole Proprietor of Burt Consulting Services, 2281 Carol Road, Oakville, Ontario, CANADA, L6J 6B5. I am a resident of Oakville, Ontario, CANADA.

2. I have been awarded the following degrees in Geology/Mining:
   i) British Columbia Institute of Technology, 1971, Diploma of Technology in Mining Engineering.
   ii) University of British Columbia, 1980, B.Sc (Geology)

3. I am a registered Professional Geoscientist in the Province of Ontario (Reg. #1741) and the Province of Saskatchewan (Reg. #10902 non-practicing). I have worked as a technician/geologist for several exploration and mining companies since 1969.

4. I am a Member of the Society of Economic Geologists and Prospectors and Developers Association of Canada.

5. I am not aware of any material fact with respect to the subject matter of this report, which is not included in the report, the omission of which would make this report misleading.

Dated at Oakville, Ontario, CANADA this 6th day of April, 2021.