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## **Assessment Report**

### **Four Corners Project**

### **Diamond Drilling and Resampling Program**

in

**Godfrey, Jamieson, Robb, and Turnbull Townships  
Porcupine Mining District, Ontario**

Feb. 26<sup>th</sup>, 2021  
rev. May 9<sup>th</sup>, 2021  
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R. Skeries, P.Geol

**P2  
GOLD**

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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.

On such target area is the Four Corners (FC) Group where previous work including drilling, geophysics, and MMI soil geochem, has established mineralization and anomalies. Follow-up work in 2019 consisted of 207m of diamond drilling by SMP Drilling of Rouyn-Noranda, PQ. Drilling intersected no significant mineralization. In view of a potential follow-up program anchored by previous drilling results, historical drill holes CP-06-05, CP-07-07, and CP-07-08 were selectively relogged and resampled.

## INTRODUCTION

This assessment report covers recent exploration work completed on the Four Corners Property. The project is believed to cover highly prospective geology for base metal mineralization in the area of the common corner of townships Godfrey, Jamieson, Robb, and Turnbull, all within the City of Timmins. Current work on this project was completed from July 09 to December 06 2019, and consisted of diamond drill hole FC-19-01 with 207 metres drilled and sampled (53 samples) under permit PR-18-000244, and subsequent selective relogging and resampling (275 samples) of historical drill holes CP-06-05, CP-07-07, and CP-07-08.

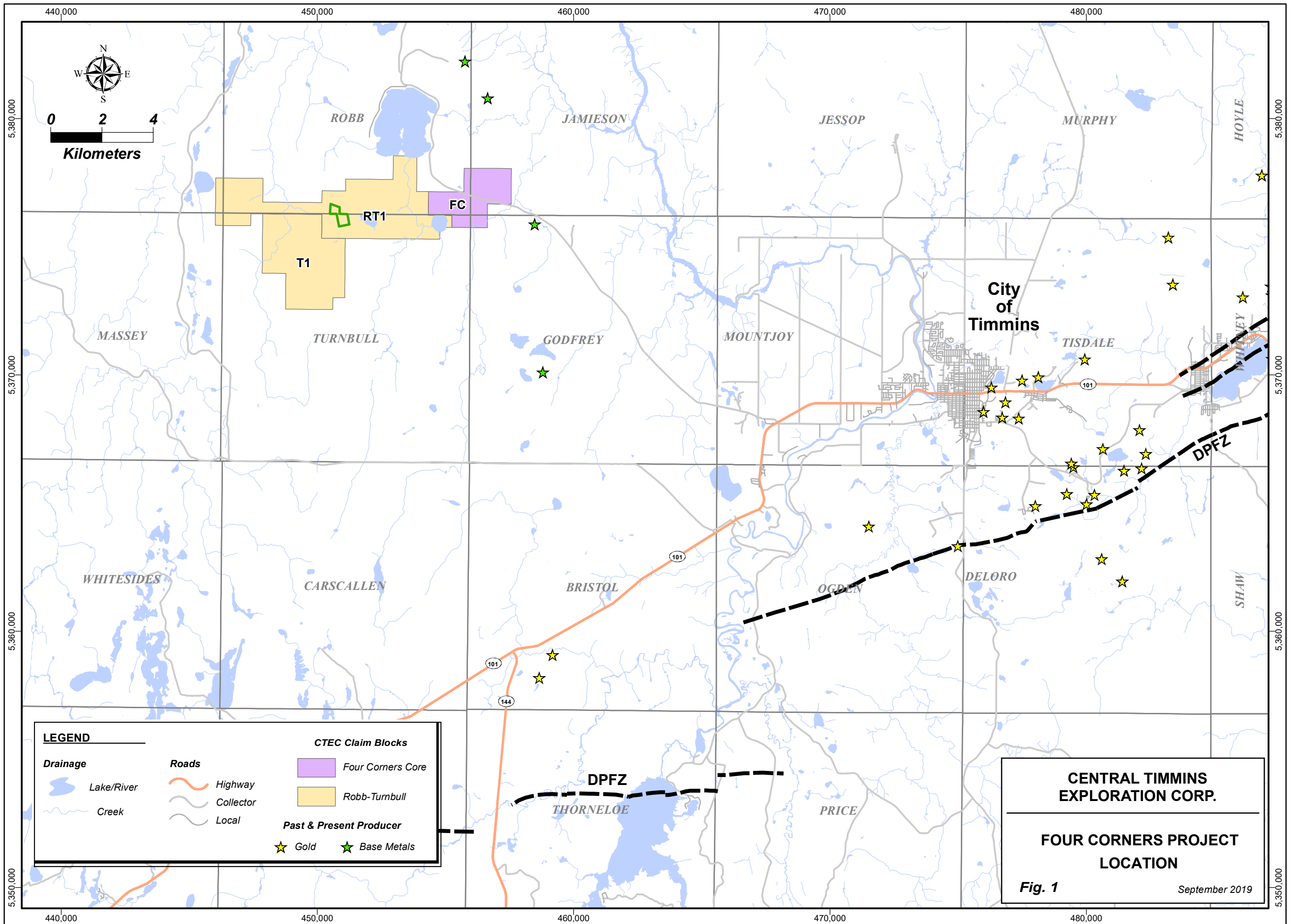
Portions of the general property and geology information in this report have been sourced with modifications from the CTEC May 17, 2018 NI 43-101 report authored by P. Chamois of RPA and filed on SEDAR.

## PROPERTY TENURE AND LOCATION

The FC Project is located within the city limits of Timmins in northeastern Ontario where Godfrey, Jamieson, Robb and Turnbull Townships meet (**Fig.1**). This area is readily accessible by the all weather paved Kamiskotia Road (formerly Hwy 576) which effectively splits the project area.

Historically the core property consisted of 11 legacy mining claims (17 units), in Godfrey (1), Jamieson (10), Robb (5), and Turnbull (1) Townships. After the implementation of the new MLAS on April 10, 2018, the reconfiguration of the Project's staked legacy claims expanded the total area primarily westerly due to lack of boundary conditions, compared to those created south and east by both patented and leased mining lands as well as other adjoining claim ownership. This mixture of 2 boundary and 23 single cell mining claims contained 10 single cell mining claims considered undersized being "encumbered" by mining patents, with reduced assessment requirements, as long as they remain as part of the original conversion (**Fig.2**).

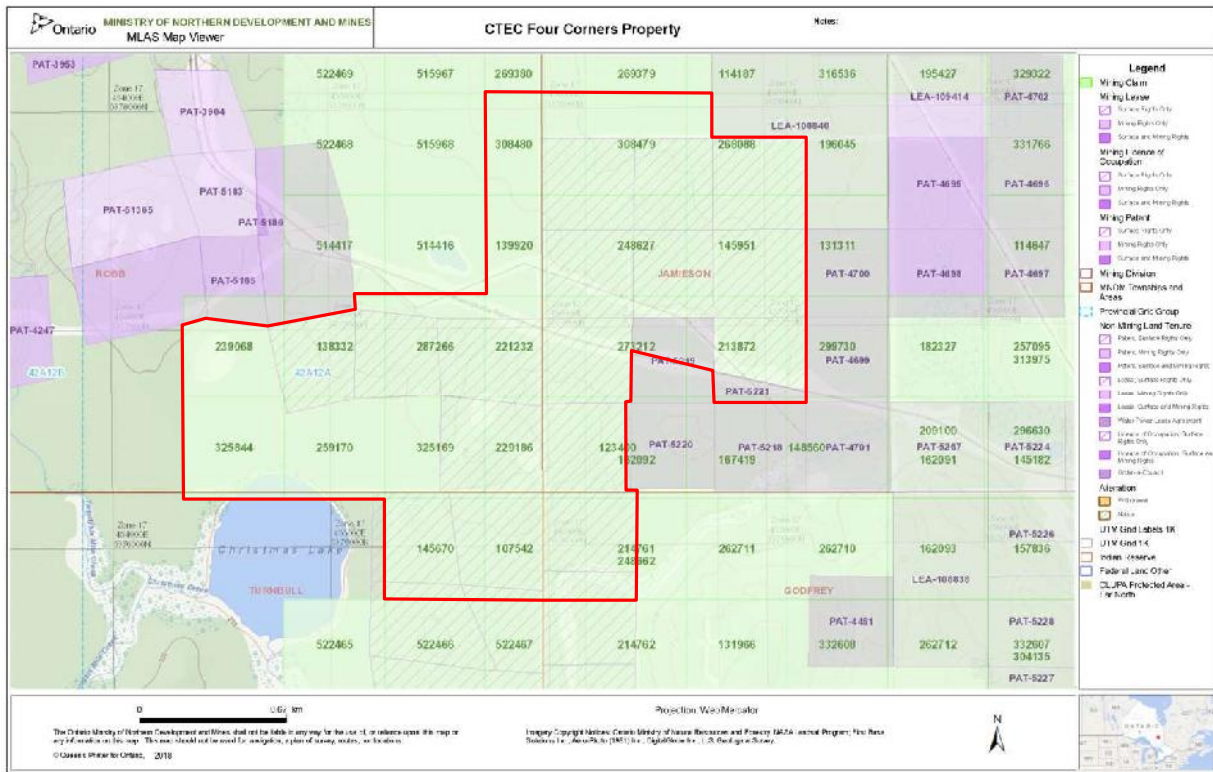




**CENTRAL TIMMINS  
EXPLORATION CORP.**

**FOUR CORNERS PROJECT  
LOCATION**

*Fig. 1* September 2019



**Fig. 2: Four Corners Core Property – MLAS Claim Map**

## CLIMATE AND PHYSIOGRAPHY

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  $-40^{\circ}\text{C}$  to  $+35^{\circ}\text{C}$ . 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. The area is well served by the paved Kamiskotia Road (formerly Hwy 576) and a network of logging and bush roads or trails. Godfrey Creek flows immediately to the southwest of the claim group.

The regional landscape is generally of low relief punctuated by elevated outcrop areas by several tens of metres that can locally give rise to significant ridges and hills such as Mount Jamieson to the east. Outcrops on the property are clustered in Jamieson, Godfrey, and Turnbull Twps.

Overburden is dominated by fine-textured, level to undulating lacustrine deposits. Intermixed within these deposits are bedrock outcrops and organic deposits. Clayey lacustrine and loamy tills are the dominant soils in the region with local sand and gravel deposits.

The area is characterized by stands of white spruce, balsam fir, birch, and poplar. Drier sites have stands of jack pine or mixtures of jack pine, birch, and poplar. Wet sites are characterized by black spruce and balsam fir. Understorey is typically moss and lichen.

## GEOLOGY AND MINERALIZATION

### REGIONAL FRAMEWORK

The Four Corners Group 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 include tonalite, granodiorite, syenite, and granite, and 3) post-tectonic granites.

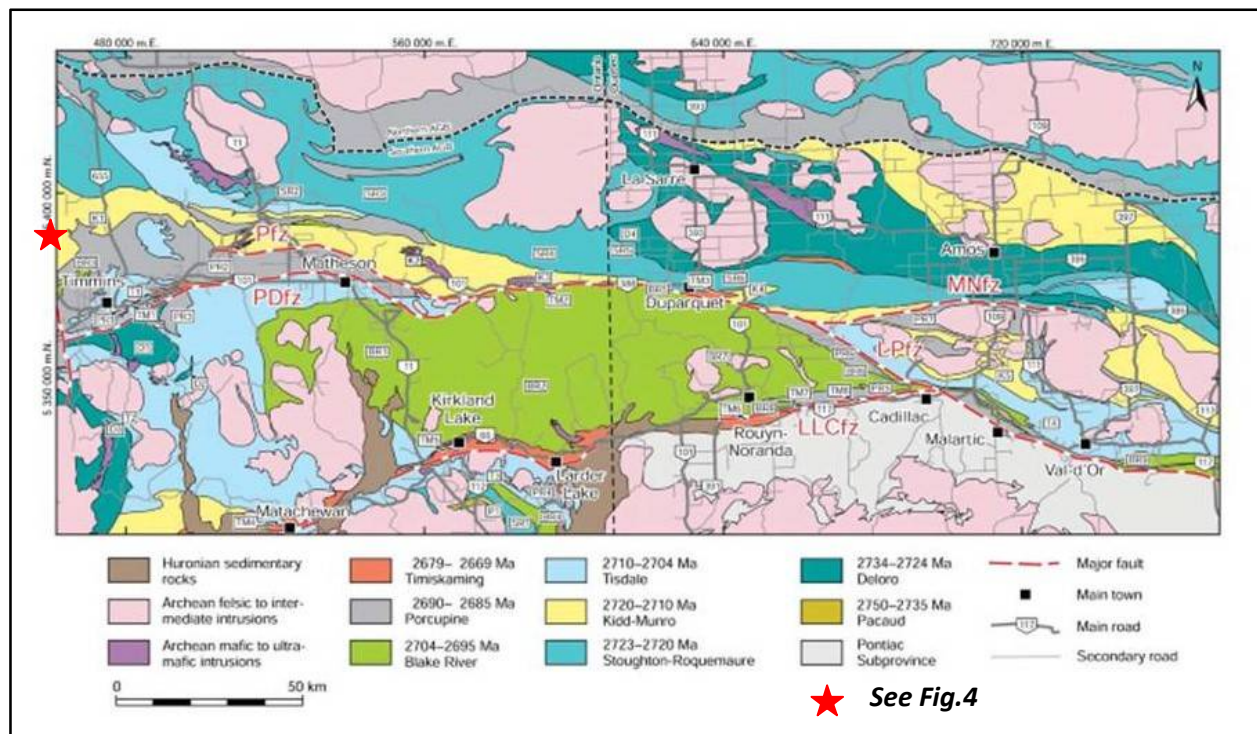


Fig. 3: Abitibi Geological Framework

Within this regional framework, the more property relevant Kamiskotia district geology, is dominated by both the Archean Kamiskotia Volcanic Complex (KVC) and the intrusive Kamiskotia Gabbroic Complex (KGC).

The KVC volcanics are largely felsic and mafic tholeiitic volcanics in a homoclinal sequence bridging the Lower and Upper Blake River period. To date no komatiites have been found in the KVC. KVC rocks host several past-producing copper-zinc Volcanogenic Massive Sulfide (VMS) deposits found within the upper part of the KVC within a narrow time interval correlative with the Upper Blake River (Ayer et al., 2002) as indicated by recent age dating. The VMS deposits (4) are the Kam-Kotia, Jameland, Canadian Jamieson, and the Genex Mines.

To the north is the older Kidd-Munro assemblage separated by an inferred west-northwest-trending fault from the younger KVC rocks to the south. Kidd-Munro assemblage rocks are time equivalent with the Kidd Volcanic Complex which hosts the very large Kidd Creek VMS deposit 30 km to the east. Geology is dominated by tholeiitic mafic and komatiitic rocks with localized felsic tholeiitic units and abundant graphitic sedimentary units. The NNE-SSW trending Matagami River fault has offset the Kidd Munro assemblage by about 8 kilometres in a sinistral direction.

The KGC is a large (170 km<sup>2</sup>) deformed tholeiitic intrusive complex situated centrally in the Kamiskotia area. It is overlain by and in part appears gradational with metavolcanic rocks of the KVC, generally believed to be coeval with locally complex interfingering. Barrie (2000) divided the KGC intrusion into four zones:

- Fourth Zone (Granophyric Zone): Quartz-bearing granophyre of intermediate to felsic composition, characterized by porphyritic textures and mariolitic cavities. The granophyre both overlies and is along strike from the Upper Zone cumulates.
- Upper Zone: Mesocumulus and orthocumulus gabbro-norites and ferroan gabbro-norites.
- Middle Zone: Mesocumulus gabbro-norites.
- Lower Zone: Adcumulus to mesocumulus peridotite, troctolite and gabbro-norite.

Gabbro of the “Upper Zone” is exposed to the northeast and southwest of Kamiskotia Lake and in a small area to the northeast of Steep Lake. Remaining KGC rocks are generally felsic to intermediate in composition and are included in the “granophyre zone”, lying above and along strike with the Upper Zone. From new age dating certain phases of the KGC may intrude an older succession such as Kidd–Munro, with the KVC deposited on top of such a basement complex. Elsewhere, granophyre zone rocks intrude the upper part of the KVC, as in the Genex Mine area where synvolcanic faults have localized the emplacement of intrusive rocks.

West of the Kamiskotia area, the Montcalm Gabbroic Complex is a peridotitic to gabbroic intrusion which hosts the Montcalm Ni-Cu deposit. Gabbro from this complex has an age matching that of Blake River assemblage volcanism in the Kamiskotia area.

## MINERALIZATION

The Kamiskotia area is primarily known for its base metal volcanogenic massive sulphide (VMS) past production and ongoing exploration potential, given its stratigraphic and regional similarities to the Kidd Creek Mine setting. Four VMS deposits hosted in the Kamiskotia Volcanic Complex (KVC) have been mined to date. The Kam-Kotia Mine produced 186,000 tons during the Second World War and from 1961 to 1972, produced 6,436,000 tons (includes minor production from the Jameland Mine) with an average grade of 1.11 % Cu, 1.17% Zn, 0.1 opt Ag, along with 5,604 ounces of Au. The smaller but richer Canadian Jamieson Mine operated from 1966 to 1971 producing 826,000 tons of ore averaging 2.3% Cu, 3.5% Zn, and 24.2 g/t Ag, while the Genex Mine produced approximately 120,000 tons of ore averaging 2.2% Cu.

They are commonly found in Precambrian volcano-sedimentary greenstone belts with extensional arc environments indicated by rifts or calderas, and often spatially associated with synvolcanic faults, rhyolite domes or paleo-topographic depressions, caldera rims, or subvolcanic intrusions. They are synvolcanic accumulations of metal enriched sulphide minerals found in geological settings characterized by submarine volcanic rocks, commonly tholeiitic to transitional and bimodal. The sulphides represent exhalative deposits in favourable settings both from a formational and preservation perspective, 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 within a pipe of hydrothermal alteration indicating submarine near-surface channel ways leading to discharge vents on the sea floor. A deposit may consist of several individual massive sulphide lenses and their underlying stockwork zones. Deformation, faulting and other structural complexities frequently result in discordant stockwork vein systems or pipes.

Additional base metal mineralization associated with intrusive such as those of the KGC, is known and occurs in the form of mineralized quartz vein systems (Zn, Cu, ,Pb,+/-Au/Ag) variably containing tourmaline when cutting gabbroic rocks (Middleton 1975). According to Middleton these veins are associated with and appear to have been derived from the Early and Late Felsic Intrusive rocks, (quartz-albite porphyry, trondhjemite, and granodiorite) and the early mafic to Intermediate rocks, (microdiorite). Host rocks for the veins are felsic and mafic metavolcanics (basaltic and rhyolitic flows and pyroclastics), early mafic intrusives (diabasic gabbro, fine-grained gabbro, pegmatitic gabbro, hornblende gabbro and tremolitic gabbro), early and late felsic intrusives (quartz-albite porphyry, trondhjemite, granodiorite).

According to Middleton, quartz veins contained within the early felsic intrusive (quartz-albite porphyry) rocks only contain carbonate and pyrite with variable gold values, whereas veins in country rocks surrounding quartz-albite porphyry intrusions more often contain sphalerite and galena, pyrite and chalcopyrite. In cases where chalcopyrite is the dominating sulphide within the vein, sphalerite and



galena are absent, however, veins containing predominantly sphalerite and galena often contain low percentages of chalcopyrite. This observation could be explained by the paragenesis of these minerals. Middleton also points out that most of the veins in the area containing galena and sphalerite are found within early mafic intrusive host rocks. Examples of these are in northeastern Turnbull Twp and the former Jamieson property (FC) in southwestern Jamieson Twp, and the Robb Creek area in west-central Turnbull Twp. An exception to this is seen on the east side of Mt. Jamieson (Middleton 1969) where quartz veins containing galena, sphalerite, pyrite, chalcopyrite, gold and silver are found in sheared and fractured sericitized rhyolite potentially more related to VMS stockwork systems(?). Similarly a quartz vein containing only chalcopyrite is found on the former Cu-Kam Porcupine Mines Limited property (Hogg 1954) in concession 4, lots 9 and 10 N½ within vesicular rhyolite in close proximity to a microdiorite intrusive. Veins found within microdiorite intrusives are mainly quartz with some carbonate and pyrite. Quartz veins within the late felsic intrusives are mineralized mainly with pyrite with associated galena, sphalerite and variable gold values.

Potential for Ni-Cu (Co) mineralization similar to that found in the Montcalm Gabbroic Complex (Montcalm Mine) west of the Kamiskotia area, may be considered for the greater KGC.

Notwithstanding that spotty disseminated and vein hosted base metal sulphide mineralization has been known throughout the area from recent and historical work, exploration of this mineralization has yet to meet with economic success.

## **FOUR CORNERS PROJECT**

### **GEOLOGY AND MINERALIZATION**

The property is geologically situated within, and completely underlain by, the Kamiskotia Gabbroic Complex (KGC). Two main phases are represented and have been mapped in outcrop. A more felsic to intermediate phase is to the east with granophyric quartz-albite porphyry and tonalite to granite, all in contact with the KVC. The bulk of the remaining property is occupied by the gabbroic or mafic intrusive phase characterized by hornblende and tremolite. Both may be hybrid or transitional. Later intrusives include several felsic porphyry dykes and known N-NW trending diabase dykes.

Immediately to the east of the property are the metavolcanic rocks of the Kamiskotia Volcanic Complex (KVC) which includes basalt and rhyolite. Here the KGC intrusive is known to interfinger sill-like(?) and appearing subparallel to the stratigraphy. The KVC is host to four VMS deposits, namely the Kam-Kotia, Jameland, Canadian Jamieson, and the Genex Mines.

Two gold showings in Jamieson Township (North of Old Highway, Rusty Bucket) are hosted in carbonated and quartz veined aplite to feldspar to quartz feldspar porphyry. In the central portion of the property, near the junction of Jamieson, Robb, Turnbull and Godfrey Townships, are 2 sub-parallel shear zones trending northeasterly. These shear zones host the Zinc No.1 and Zinc No.2 zones. In the western portion of the property in Robb Township is recently discovered copper-nickel mineralization hosted in gabbro or dunite.

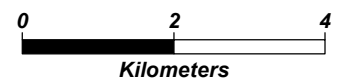
Fig. 4

### FOUR CORNERS PROJECT REGIONAL GEOLOGY



UTM Zone 17, NAD83

1:100,000



#### LEGEND

##### Mines & Deposits

Mine

▲ Base Metals

Showing

▲ Precious Metals

▲ Base Metals

▲ Nickel Group, PGE

##### Lithology (from P3379)

● 15 - Diabase Dyke

● 12 - Felsic Intrusives

● 10 - Mafic Intrusives

● 6 - Clastic Sediments

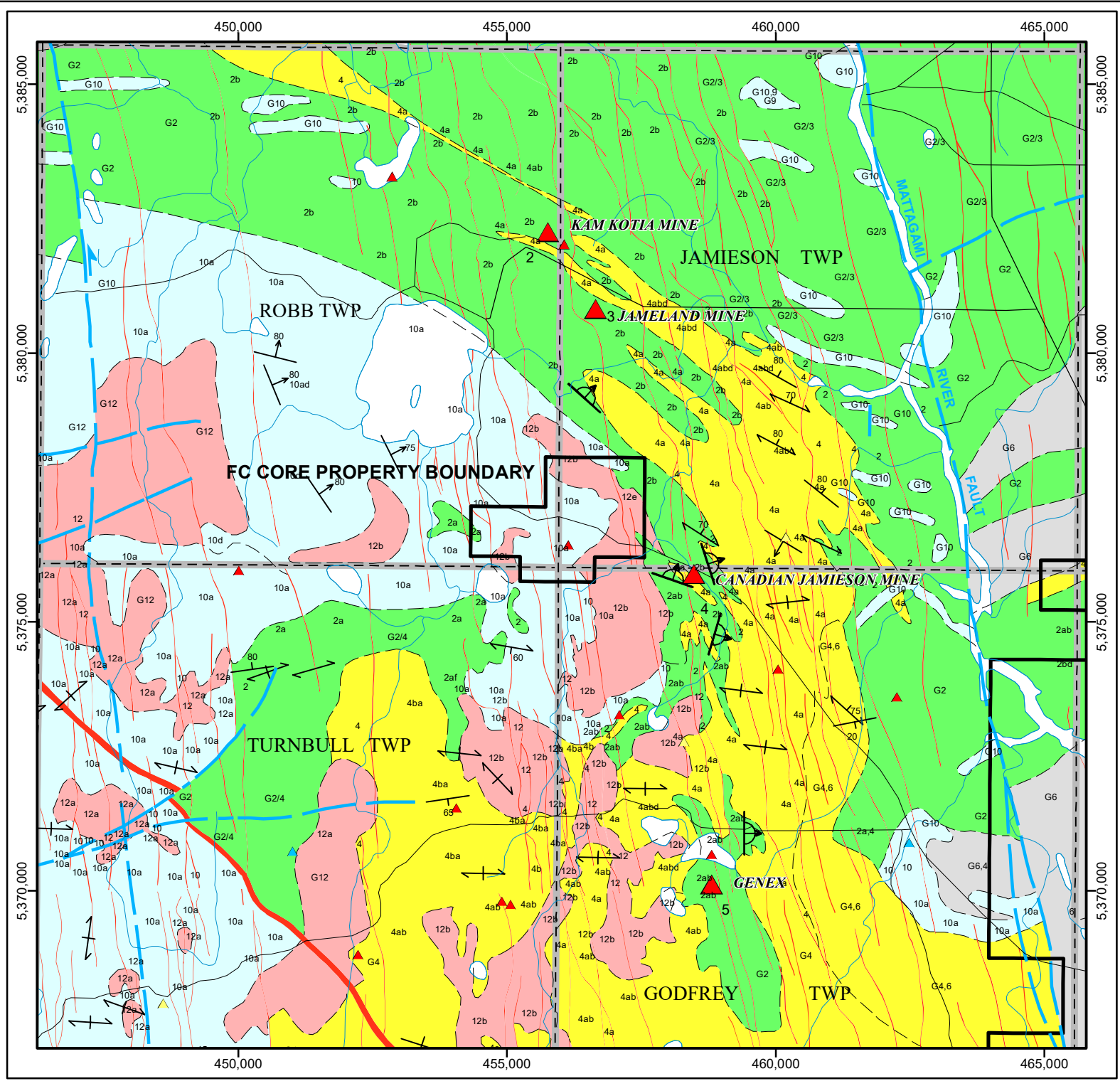
● 4 - Felsic Volcanics

● 2 - Mafic Volcanics

##### Geology Linears

--- Contact

— Fault



Nov. 6, 2020

Property mineralization has been documented through prospecting, trenching, and diamond drilling. High gold values were obtained from the “North of Old Highway” showing ranging from 0.134 opt to 4.215 opt Au, with lower values of 0.121 opt Au from Zinc Vein No.1 and 0.104 opt Au from the “Rusty Bucket” gold showing. Silver values ranged from 12 g/t up to 29 g/t Ag from both the Zinc Vein No. 1 and Zinc Vein No.2 showings with a high of 12 g/t Ag from the “North of Old Highway” gold showing. The Cu-Ni showing returned values ranging from 2835 to 6450 ppm Cu (0.645%) and 1523 to 4448 ppm Ni (0.445%). The highest Zn value of 8.44% Zn was obtained from Zinc Vein No.2 as well as several additional values ranging from 1.897% to 1.95% Zn. Well exposed Zinc Vein No.1 returned 5 high values ranging from 1.814% to 7.447% Zn. An angular siliceous porphyry float located near the porphyry/gabbro contact north of the Cu-Ni showing returned 0.473% Cu. The best drill hole intersection was in hole CP-06-4 from 190.98 m to 193.90 m with returned values of 10.15% Zn, 0.98 g/t Au, and 8.20 g/t Ag. This hole appears to have been drilled down dip of the veining which hosts the mineralization.

## **SELECTED HISTORY**

The exploration and development history of the greater Four Corners Project has not been as intense as other areas of the Timmins base metal camp, a reflection of past mineral rights ownership (patents) and dominance of basic intrusive rocks.

The majority of the property was staked and patented by George Jamieson in the early 1920's. Historical information regarding the current property is very limited and mainly found in ODM report by Berry (1944) and geological mapping by Nelson Hogg in 1949. Mapping of Robb and Jamieson Townships were completed by Middleton (1973), Godfrey Township by Hogg (1954) and Turnbull and Godfrey by Middleton (1976). Ground magnetic survey compilation was completed for the four townships by Middleton (1969, 1970, 1971) with publication in 1973. Several authors have published information on specific topics or areas.

A property examination was completed in 2004 for the prospector/owners, and included prospecting and sampling, detailed mapping, as well as chip and channel sampling. Several high gold peaking at 4.215 opt Au were obtained from the “North of Old Highway” showing with lower values from Zinc Vein No.1 and No.2 and the “Rusty Bucket” gold showing. A Cu-Ni showing returned anomalous values ranging up to 6,450 ppm Cu (0.645%) and 4,448 ppm Ni (0.445%). Zn values up to 8.44% were obtained from Zinc Vein No.2 while well exposed Zinc Vein No.1 returned up to 7.447% Zn.

Geoserve Canada Inc. completed approximately 8.9 km of line cutting and geophysical surveying for Pele Mountain Res. Inc., who optioned the property in 2004. A time domain Induced Polarization survey, a=25m n= 1 to n=6, along with some Total Field Mag and horizontal Loop surveys was conducted over a broad spaced interval on some of the claims of the property. The Total Field Mag and Max-Min (150m cable HLEM) surveys were completed on Lines 800N, and 1000N. The survey successfully identified several zones of significance with potential good depth extent.

A follow-up IP survey to the Geoserve IP survey, tested Zinc Vein 1 and helped tie in some parts of the original survey. Two additional lines, L 1600mE (TL 16E-southern part) and L 1150mN, were surveyed



(pole-dipole, A=25m, N=8) by Exsics Exploration in Nov 2004. IP was found to respond to the three types of mineralization encountered on the property, namely quartz-sphalerite veins with Cu-Ag-Au values, disseminated pyrite (cubes) with gold in felsic rocks, and disseminated Ni-Cu sulfides in ultramafic rocks. It was recommended that the IP be continued to cover the complete property.

In March 2006, Insight Geophysics Inc., on behalf of Claim Post, completed a limited amount of Tuned Gradient Array and Insight Section Induced Polarization (IP)/Resistivity surveying on north-south oriented lines straddling the Robb and Turnbull Township line. A total of 4.3 km of Tuned Gradient Array and 2.0 km of Insight Section surveying was completed (Kratochvil and Dawson, 2006).

From October 2006 to April 2008, Claim Post completed orientation soil sampling in the southwest corner of Jamieson Township (Daxl, 2008). A total of 85 B-horizon soil samples were taken. According to Daxl (2008), the study confirmed that conventional B-horizon sampling followed by an aqua regia leach and a multi-element ICP/MS analysis was successful in identifying sphalerite mineralization and related elements such as cadmium and lead. Additional sampling was recommended.

From October 2006 to February 2007, Claim Post completed an eight-hole NQ (47.6 mm) diamond drilling program totalling 2,561.60m to test extensions of known base metal showings, as well as magnetic and chargeability/resistivity anomalies (Daxl, 2007/2008). Narrow (commonly less than one metre) but locally high-grade zinc-bearing veins, typically with elevated gold values, were intersected in three of the holes.

In 2007, Fugro Airborne Surveys (Fugro) was commissioned to re-interpret a portion of the combined magnetic and electromagnetic (EM) airborne survey flown over the Four Corners project as part of the Ontario Government's Discover Abitibi Initiative of 2003 (Sharp, 2007). The area re-interpretation includes a total of 19 EM responses of varying intensity.

In October 2017, MMI soil sampling (80 samples) on 3 profiles was completed, as was limited prospecting on the property with a Beep-Mat.

In order to test for bedrock conductors and potentially better focus a diamond drill program, a Pulse Electro Magnetic (PEM) profile 600 N was completed in January 2019.

### **CTEC DRILL PROGRAM**

Drill hole FC-19-01 was drilled from July 11<sup>th</sup> to 14<sup>th</sup> by SMP Drilling to a depth of 207m exploring the contact area between Kamiskotia intrusive complex rocks and the volcano-sedimentary sequence immediately to the east, potentially corresponding to increased MMI zinc and local cadmium values.

Drill hole	Easting*	Northing*	Dip (°)	Azimuth (°)	Length (m)
FC-19-01	457123	5376972	-45	210	207
Total					207

\*NAD 83 Zone 17

**Table 1: CTEC Drill Hole Summary**

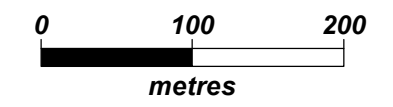
# CTEC

## FOUR CORNERS PROJECT JAMIESON & ROBB TWPS. DRILL HOLE LOCATION MAP GEOLOGY & Au MMI DATA



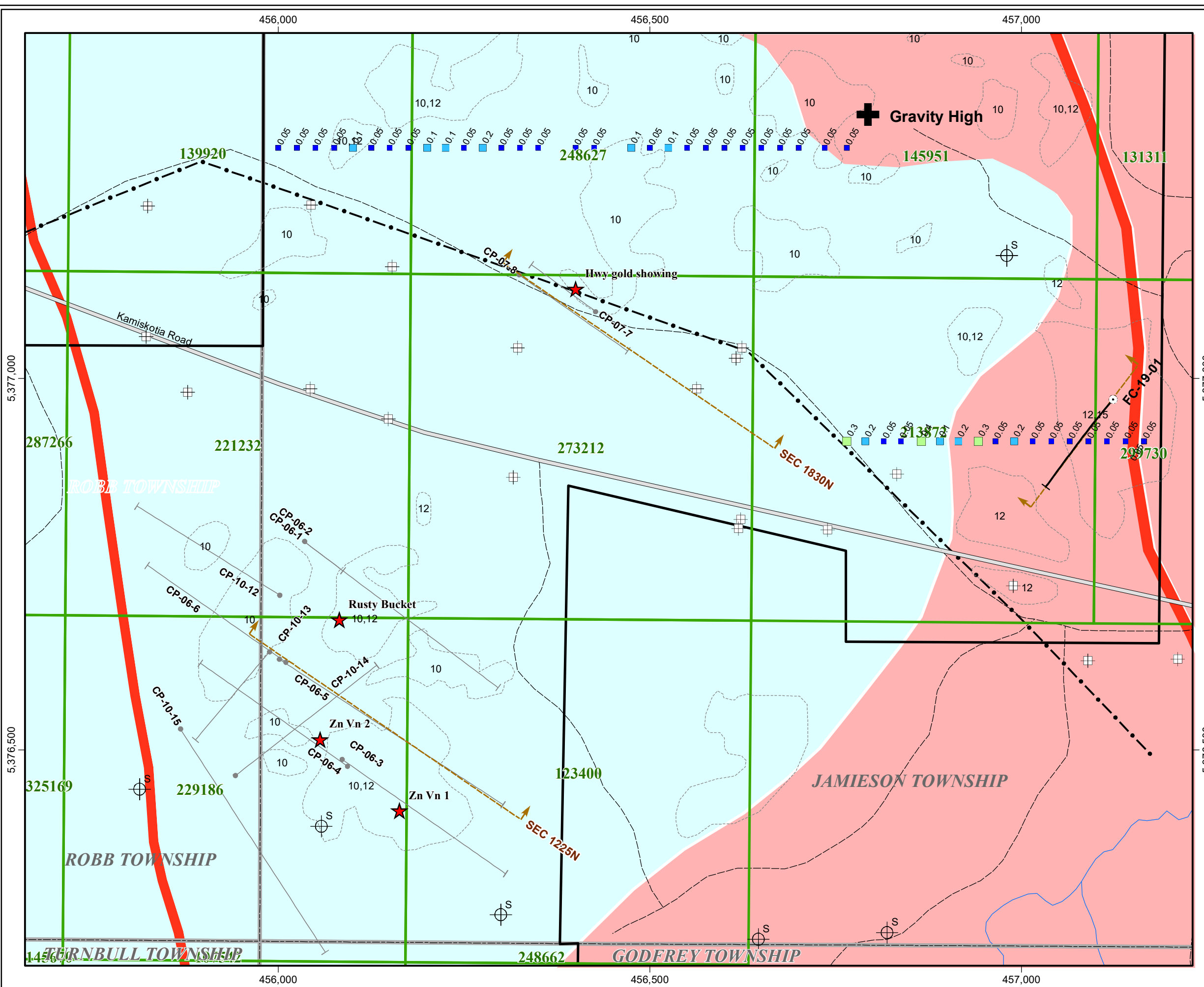
UTM Zone 17, NAD83

1:5,000



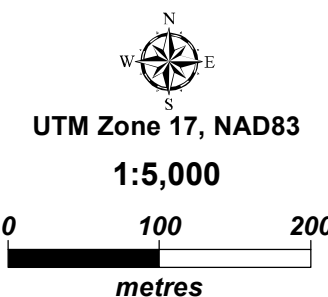
### LEGEND

- Drainage**
  - Lake
  - Wetland
  - Creek
- Road**
  - Primary
  - Secondary
  - Tertiary
  - Power Line
- General Geology (after Hathway, 2005)**
  - Outcrop
  - Showing
- CTEC Claims**
  - Cell Claim
  - Legacy Claim Boundary
  - CTEC 2019 Drill Hole
  - Historical Drill Trace
  - Section Line
- 1987 AEM**
  - 1 - 2 Channels
  - 3 - 4
  - 5 - 6
  - 7 - 9
  - 10 - 12
  - Cultural
- MMI Au (ppb Au posted)**
  - >20 RR
  - 10 - 20
  - 5 - 10
  - 1 - 5
  - 0 - 1
- Geology (Map P3379)**
  - Diabase Dyke
  - Felsic Intrusive
  - Mafic intrusive



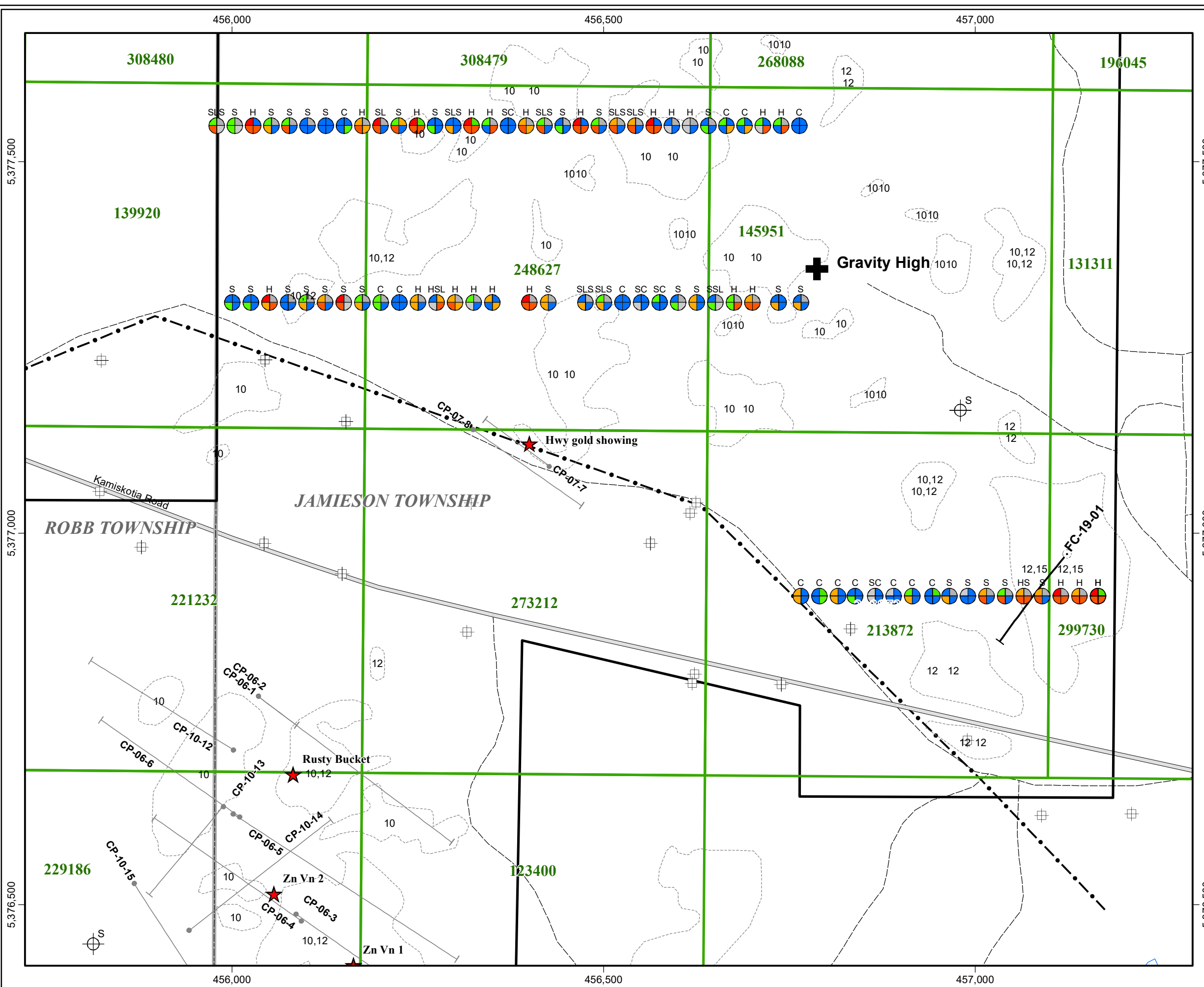
November 6, 2020  
May 9, 2021

**CTEC**  
**FOUR CORNERS PROJECT**  
**DDH FC-19-01 LOCATION**  
**BASE METAL MMI DATA**



**LEGEND**

<b>Drainage</b>		<b>1987 AEM</b>	
Lake		1 - 2 Channels	
Wetland		3 - 4	
Creek		5 - 6	
<b>Road</b>		7 - 9	
Primary		10 - 12	
Secondary		Cultural	
Tertiary			
Power Line			
<b>General Geology (after Hathway, 2005)</b>			
Outcrop			
15 - Diabase			
12 - Felsic Intrusive			
10 - Mafic Intrusive			
Showing			
<b>CTEC Claims</b>			
Cell Claim			
Legacy Claim Boundary			
CTEC 2019 Drill Hole			
Historical Drill Trace			
<b>MMI Results</b>			
<b>Elements</b>	<b>Sample Medium</b>	<b>Response Ratios</b>	
Sample Medium	C - Clay	>20 RR	
Cd Ag	H - Humus	10 - 20	
	S - Sand	5 - 10	
Zn Cu	G - Gravel	1 - 5	
	SL - Silt	0 - 1	
	R - Rock		



The drill hole intersected an interfingering sequence of quartz-feldspar porphyry/porphyry and greywacke/argillite (locally tuffaceous?) with variably altered local fault/breccia and shear zones, to a depth of 132.1m at which point the remaining core consisted of interfingering porphyry and gabbro. Throughout the porphyry, and to a lesser extent sediments, was frequently silicified, bleached, and sericitic with quartz-carbonate +/- minor chlorite veinlets and minor fracture filling and disseminated pyrite mineralization. As no base metal mineralization was encountered, the areas of veining were further evaluated for precious metals, however returned only trace and detection limit gold. No MMI source was evident.

## **RESAMPLING/RELOGGING**

Drill holes CP-06-05, CP-07-07, and CP-07-08 were selectively resampled and/or relogged to test for additional gold mineralization, particularly in the case of CP-07-07 and 08 which had been drilled as scissor holes under the Highway Gold showing. In CP-07-07 only one isolated sample from 96.0 to 96.33m returned a new gold value of interest (2.34 g/mt over 0.33m) correlating with estimated 60% veining and 3% pyrite. A total of 275 samples were generated and analysed for gold.

No significant results were obtained and no fundamental geological data changed. The reader is referred to MLAS assessment files 20004548 and 20004800 by H.Daxl on the Claimpost 2006/2007 winter drilling program for more details regarding these drill holes.

## **RECOMMENDATIONS**

No further work is recommended at this time in the area of drill hole FC-19-01.

## REFERENCES

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## Appendix A

FC-19-01 Drill Log, Section, Assay Certificate A19-11125

**CENTRAL TIMMINS EXPLORATION CORPORATION  
DIAMOND DRILLING GEOLOGY LOG SHEET**

**HOLE ID** FC-19-01  
**PROJECT** Four Corners  
**PURPOSE** Exploration

DRILLING	
START	END
11-Jul-19	14-Jul-19
0	207
NQ	ND

DOWNHOLE SURVEY					
DEPTH	AZI	DIP	MAG	INSTRUMENT	
1	218.31	-44.54	56460	Reflex EZTrac	
2	220.18	-44.62	55890	Reflex EZTrac	
3	217.32	-44.37	55139	Reflex EZTrac	
4	217.25	-44.13	55517	Reflex EZTrac	
5	216.43	-43.86	55615	Reflex EZTrac	
6	216.44	-43.78	55374	Reflex EZTrac	
7	216.32	-43.42	55265	Reflex EZTrac	

NAME		DATE
RMP		7/15/19
Logged By		
Relogged By		
Checked By		
Rechecked By		
Page		

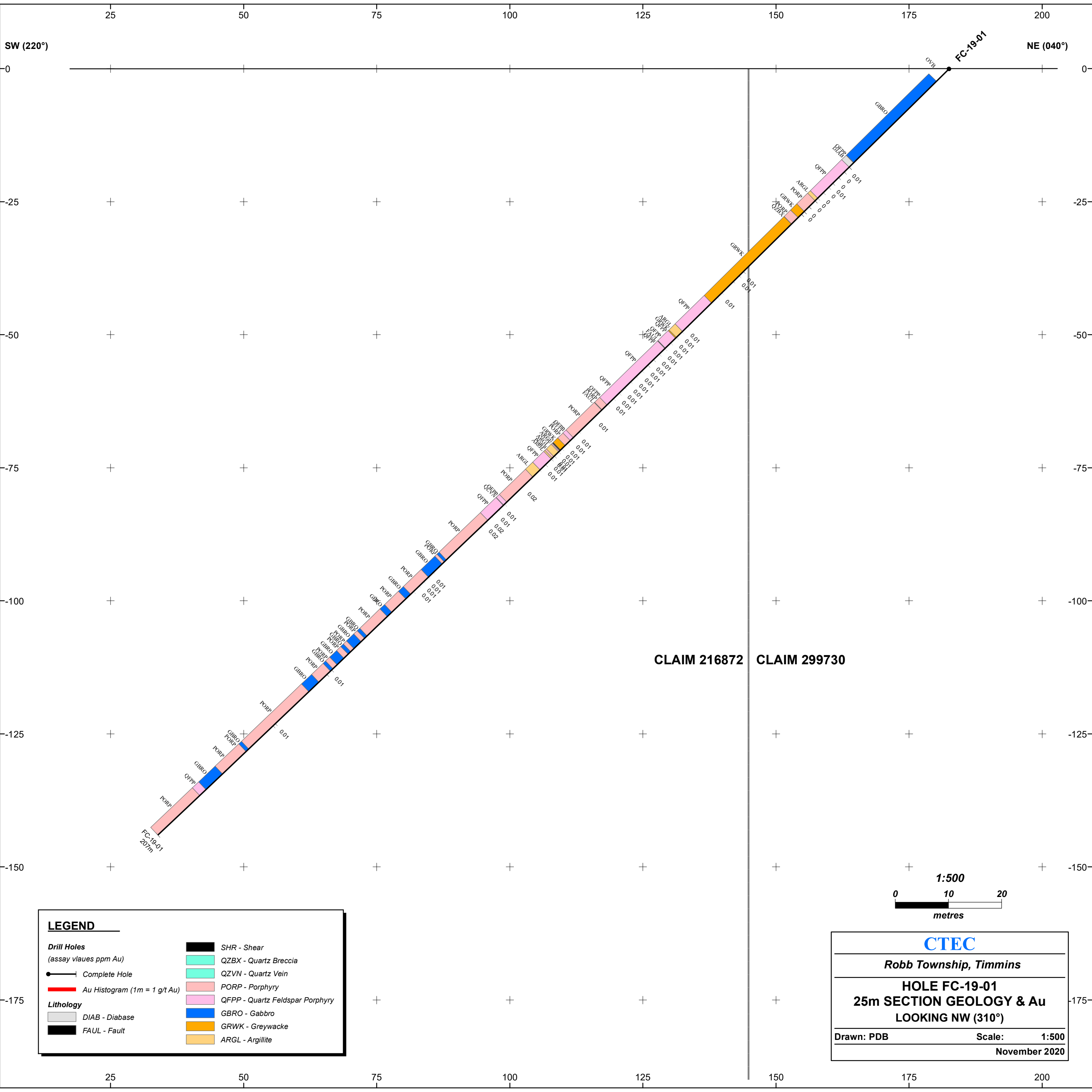
ANALYSES		
Lab	Actlabs	DATE
Assay Certificate	A19-11125	30/8/2019
Sample series	709298 709350	53

PROPOSED ACTUAL RIG ID DRILLER	COORDINATES				
	EASTING	NORTHING	RL	AZI	DIP
	457123	5376972	315	210.2	-45
	SMP-01				

DEPTH		ROCK DESCRIPTIONS										ASSAYS										
From	To	Rock Unit	Lithology1	Lithology2	Texture	Color		Alteration		Minerals						Interval		Sample No	Notes	Au_ppm		
Intensity	Color1	Color2	Altn_Type	Altn_Int	Min	%	Mode	Min	%	Mode	Min	%	Mode	Min	%	Mode	From_m				To_m	
0.00	3.40	OVB	OVB	OVB														26.4	27.7	709298		0.005
3.40	25.20	GAB	GAB	GAB	Mas	dk	gry	grn	PRO	2	py	0.5	dis	epi	0.5	ff		27.7	29.2	709299		< 0.005
25.20	25.25	QFP	QFP	QFP	Por	lt	pnk		SIL	2	py	1	dis							709300	Oreas 220	0.862
25.25	26.40	DKE	DKE	DKE	Mas	dk	blk				py	1	dis					29.2	30.7	709301		< 0.005
26.40	34.70	QFP	QFP	QFP	Por	lt	gry		SIL	3	py	3	dis/ff					30.7	31.8	709302		0.005
34.70	35.40	SLA	SLA	POR	Mas	dk	gry		SIL	3	py	4	dis/ff					31.8	33.2	709303		< 0.005
35.40	38.25	POR	POR	POR	Por	lt	gry		SIL	2	py	3	dis/ff					33.2	34.7	709304		< 0.005
38.25	39.90	GST	GST	GST	Mas	lt	gry		SIL	2	py	2	dis					34.7		709305	Blank	< 0.005
39.90	41.60	POR	POR	GST	fbx	lt	gry		SIL	2	py	2	dis						35.4	709306		< 0.005
41.60	41.65	QBX	QBX	QBX	Mas	lt	gry		SIL	3	py	3	dis	po	2	dis	mag	4	ff	709307		< 0.005
41.65	62.75	GST	GST	POR	Mas	lt	gry		PRO	1	py	1	dis	chl	2	ff	lim	2	ff	709308		< 0.005
62.75	70.40	QFP	QFP	QFP	Por	lt	grn	pnk	SIL	2	py	0.5	dis					38.3	39	709309		< 0.005
70.40	72.00	SLA	SLA	TUF	Mas	lt	grn		CAB	1	py	0.5	dis					54.35	55.5	709310		0.006
72.00	72.20	GST	GST	GST	Mas	lt	gry		CAB	1	py	0.5	dis					55.5	57	709311		0.005
72.20	73.20	QFP	QFP	QFP	Por	lt	bge	gry	ATD	2	py	0.5	dis/ff					60	61.2	709312		0.005
73.20	74.90	QFP	QFP	QFP	Por	lt	gry	grn	SER	1	py	0.5	dis					69	70.5	709313		0.007
74.90	75.00	FTZ	FTZ	FTZ	Fbx	lt	bge	gry	SIL	3	py	1	dis					70.5	72	709314		0.005
75.00	76.55	QFP	QFP	QFP	Por	lt	gry	grn	SER	2	py	0.5	dis					72	73.5	709315		0.006
76.55	84.70	QFP	QFP	QFP	Por	lt	bge	gry	ATD	3	py	1	dis/ff					73.5	75	709316		0.01
84.70	89.85	QFP	QFP	QFP	Por	lt	gry	grn	SER	2	py	0.5	dis					75	76.5	709317		0.007
89.85	90.20	QFP	QFP	QFP	Por	lt	bge	gry	ATD	3	py	1	dis/ff					76.5	78	709318		0.007
90.20	91.50	POR	POR	POR	Por	lt	gry	grn	SER	2	py	0.5	dis					78	79.5	709319		0.007
91.50	91.60	FTZ	FTZ	FTZ	Fbx	lt	grn		SER	2	py	0.5	ff					79.5	81	709320		0.005
91.60	99.00	POR	POR	POR	Por	lt	gry	grn	SER	2	py	0.5	dis					81	82.5	709321		0.006
99.00	99.50	QFP	QFP	QFP	Por	lt	gry	grn	SER	2	py	0.5	dis					82.5	84	709322		0.006
99.50	99.80	QFP	QFP	QFP	Por	lt	bge	gry	ATD	3	py	1	dis/ff					84	85.5	709323		0.007
99.80	101.15	POR	POR	POR	Por	lt	gry	grn	SER	2	py	0.5	dis	lim	2	ff		85.5	87	709324		0.006
101.15	102.35	GST	GST	GST	Mas	lt	grn	gry	SER	1	py	0.5	dis	lim	2	ff		87	88.5	709325		0.006



102.35	102.50	SHR	SHR	SHR	Mas	lt	bge	gry	SER	2	py	1	dis/ff						Shear zone, strong sericite altered zone with subparallel gray veins	88.5	90	709326		0.007	
102.50	102.65	SLA	SLA	TUF	Mas	lt	grn		SER	1	py	0.5	dis						Argillite (Tuff?) greenish, fine grained matrix with some qtz-carb veinlets.	90	97.5	709327		0.008	
102.65	102.85	QFP	QFP	QFP	Por	lt	gry		SIL	2	py	0.5	dis	lim	1	ff			QFP, lim-hem stainings near contact. Trace pyrite	97.5	99	709328		0.008	
102.85	104.10	SLA	SLA	TUF	Mas	lt	grn		SER	1	py	0.5	dis						Argillite (Tuff?) greenish, fine grained matrix with some qtz-carb veinlets.	99	100.5	709329		0.008	
104.10	104.50	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis						Porphyry, Gray matrix, local limonites in fractures.			709330	Oreas 220	0.843	
104.50	104.80	SLA	SLA	TUF	Mas	lt	grn		SER	1	py	0.5	dis						Argillite (Tuff?) greenish, fine grained matrix with some qtz-carb veinlets.	100.5	102	709331		0.009	
104.80	107.70	QFP	QFP	QFP	Por	lt	bge	gry	ATD	3	py	1	dis/ff						Massive, bleached, sericite altered QFP Porphyry (with phenocryst up to 5 mm) with few gray chalcidonic veins and chlorite stylolitic fractures. Pinkish feldspars phenocrysts common.	102	102.85	709332		0.009	
107.70	109.60	SLA	SLA	TUF	Mas	lt	grn		SER	1	py	0.5	dis						Argillite (Tuff?) greenish, fine grained matrix with some qtz-carb veinlets at 108.55m.	102.85	104	709333		0.012	
109.60	116.40	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis						Massive, grayish andesitic porphyry locally cut by quartz+/- carb veinings at 113.5m and 114.4m	104	104.5	709334		0.01	
116.40	117.20	QFP	QFP	QFP	Por	lt	bge	gry	ATD	2	py	1	dis/ff							104.5		709335	Blank	0.005	
117.20	117.30	QVN	QVN	QVN	Mas	lt	wht		SIL	3	py	1	dis						Massive, white quartz-chlorite-magnetite vein		104.8	709336		0.012	
117.30	121.35	QFP	QFP	QFP	Por	lt	bge	gry	ATD	3	py	1	dis/ff						Massive, bleached, sericite altered QFP Porphyry with few gray chalcidonic veinings at 120.40m.	104.8	106.3	709337		0.011	
121.35	132.1	POR	POR	POR	Por	lt	gry	bge	SER	1	py	0.5	dis/ff						Massive, grayish andesitic porphyry locally cut by quartz+/- carb +/- ankerite? veinings and sericite haloes at 123.26m and 123.78m. Generally fresh rocks.	106.3	107.8	709338		0.011	
132.10	132.65	GAB	GAB	GAB	Mas	dk	gry		SIL	1	py	1	dis						Med-FG Gabbro, chlorite veinlets with diss fine pyrite. Light brown carbonate (ankerite?) stringers in places.	107.8	117	709339		0.015	
132.65	133.20	POR	POR	POR	POR	lt	grn		CAB	1	py	2	dis						Porphyry, greenish matrix with diss pyrite.	117	118.5	709340		0.01	
133.20	136.80	GAB	GAB	GAB	Mas	dk	grn	gry	CAB	2	py	3	dis/ff	cpy	2	dis/ff	po	1	dis	Med-FG Gabbro, cut by gray qtz-carb- sulphide veinlets at 50LCA. Significant qtz-py-cpy-po veins at 135.7m, 135.80m and 136.5m.	118.5	120.3	709341		0.014
136.80	141.40	POR	POR	POR	Por	lt	gry		CAB	1	py	2	dis	cpy	3	dis/ff			Porphyry, greenish matrix with diss pyrite and locally cut by qtz-carb-py-cpy veinlets at 139.2m.	120.3	121.8	709342		0.016	
141.40	142.70	GAB	GAB	GAB	Mas	dk	grn	gry	CAB	1	py	1	dis/ff						Porphyry, greenish chlorite matrix	121.8	123.2	709343		0.015	
142.70	146.30	POR	POR	POR	Por	lt	gry		SER	1	py	1	dis						Porphyry locally cut by qtz-carb vein haloed by narrow sericite zone at 144.88m	135.5	136.8	709344		0.014	
146.30	147.50	GAB	GAB	GAB	Mas	dk	gry		CAB	1	py	0.5	dis							136.8	138	709345		0.011	
147.50	152.75	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis						Porphyry cut narrow gray qtz-carb veins with sericite haloes at 145.70m, 149.6m and 150m.	138	139.2	709346		0.01	
152.75	153.43	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis							139.2	140.7	709347		0.013	
153.43	154.30	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis						Porphyry cut narrow gray qtz-carb veins with sericite haloes at 154.3m.	162	163.2	709348		0.013	
154.30	156.20	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis						Gabbro cut by few qtz-carb veins. Trace py.	176.6	177.2	709349		0.013	
156.20	157.00	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis									709350	Blank	< 0.005	
157.00	157.70	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis												
157.70	158.80	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis												
158.80	160.60	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis						Sone white-qtz-carb veinlets at 60LCA.						
160.60	161.65	POR	POR	POR	Por	lt	gry	grn	SER	1	py	0.5	dis												
161.65	162.30	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis												
162.30	165.30	POR	POR	POR	Por	lt	gry	bge	SER	2	py	0.5	dis												
165.30	167.90	GAB	GAB	GAB	Mas	dk	gry	bge	SER	1	py	0.5	dis						10 Cm qtz-carb-chlo vein, healed shear zone at 162.48m.						
																			Sone white-qtz-carb veinlets at 30-40 LCA.						
167.90	183.50	POR	POR	POR	Por	lt	gry	bge	SER	2	py	0.5	dis						Weak to mod sericitic altered, bleached zone enveloping white-gray qtz-carb veins (locally limonitic) at 170.90m, 171.20m, 176.80m, 177.20m 178.60m, 182.2, 182.70m.						
168.79	184.20	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis												
184.20	185.60	POR	POR	POR	Por	lt	gry	bge	SER	2	py	1	dis						Qtz-py-chl veins at 185m at 75 LCA. Sericitic zones in places associated with qtz-carb veins						
185.60	190.30	POR	POR	GAB	Por	gry	grn		SER	1	py	0.5	dis						Porphyry rocks with narrow zones of gabbro. Possible qtz-vein (shear zone) at 190.25m. Qtz-vein with sericitic halo at 190.3m						
190.30	194.60	GAB	GAB	GAB	Mas	dk	gry		CAB	0.5	py	0.5	dis												
194.60	196.20	QFP	QFP	QFP	Por	lt	gry	bge	SER	2	py	0.5	dis						Porphyry, beige, feldspar phenocryst, strongly sericitic altered associated with narrow qtz veins at 80 LCA. Trace py						
196.20	207.00	POR	POR	POR	Por	lt	gry	bge	SER	2	py	0.5	dis						Porphyry, weak sericitic, bleached haloes around veins at 200.4m, 201.1m. Healed fault zone from 204.20-204.70m.						
207.00	207.00	EOH																	Trace pyrite						



SW (220°)

NE (040°)

0

-25

-50

-75

-100

-125

-150

-175

FC-19-01  
207m

FC-19-01

CLAIM 216872 CLAIM 299730

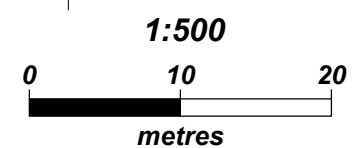
**LEGEND**

**Drill Holes**  
(assay values ppm Au)

- Complete Hole
- Au Histogram (1m = 1 g/t Au)

**Lithology**

- DIAB - Diabase
- FAUL - Fault
- SHR - Shear
- QZBX - Quartz Breccia
- QZVN - Quartz Vein
- PORP - Porphyry
- QFPP - Quartz Feldspar Porphyry
- GBRO - Gabbro
- GRWK - Greywacke
- ARGL - Argillite



**CTEC**

**Robb Township, Timmins**

**HOLE FC-19-01**  
**25m SECTION GEOLOGY & Au**  
**LOOKING NW (310°)**

Drawn: PDB Scale: 1:500  
November 2020



**Date Submitted:** 22-Aug-19  
**Invoice No.:** A19-11125  
**Invoice Date:** 30-Aug-19  
**Your Reference:** Four Corners

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

**ATTN: Peter Gryba**

## CERTIFICATE OF ANALYSIS

53 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)

REPORT      **A19-11125**

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

Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

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

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
709298	0.005
709299	< 0.005
709300	0.862
709301	< 0.005
709302	0.005
709303	< 0.005
709304	< 0.005
709305	< 0.005
709306	< 0.005
709307	< 0.005
709308	< 0.005
709309	< 0.005
709310	0.006
709311	0.005
709312	0.005
709313	0.007
709314	0.005
709315	0.006
709316	0.010
709317	0.007
709318	0.007
709319	0.007
709320	0.005
709321	0.006
709322	0.006
709323	0.007
709324	0.006
709325	0.006
709326	0.007
709327	0.008
709328	0.008
709329	0.008
709330	0.843
709331	0.009
709332	0.009
709333	0.012
709334	0.010
709335	0.005
709336	0.012
709337	0.011
709338	0.011
709339	0.015

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
709340	0.010
709341	0.014
709342	0.016
709343	0.015
709344	0.014
709345	0.011
709346	0.010
709347	0.013
709348	0.013
709349	0.013
709350	< 0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1.05
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.02
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.01
Oreas 221 (Fire Assay) Cert	1.06
709307 Orig	< 0.005
709307 Dup	0.007
709317 Orig	0.007
709317 Dup	0.007
709327 Orig	0.007
709327 Dup	0.008
709342 Orig	0.017
709342 Dup	0.015
709347 Orig	0.013
709347 Split PREP DUP	0.011
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

## Appendix B

2019 Resampling/ReLogging Data/Plots

Drill holes CP-06-05, CP-07-07, CP-07-08

Certificates A19-14034, A19-14629, A19-15521, A19-15847

Historical Drill Hole Data

**CP-06-05 RELOGGING**

**2019 Geology Revision (Dan Johannsson)**

FROM	TO	ROCK CODE	UNIT	DESCRIPTION
0.00	3.00	OVB	Overburden	
3.00	14.29	GAB	Gabbro	Light grey with epidote green filled fractures in fine grained phaneritic mafic intrusive gabbro. Unit is massive. Unaltered, apart from epidote filled fractures. Hosts minor quartz calcite stringers in variable orientations to core axis. Good core recovery and competency. Sharp lower contact with intrusive at 80 degrees TCA. Unit is strongly magnetic. Moderate hardness.
14.29	14.80	FEL	Brecciated silicified felsic dyke	Pink white and grey silicified brecciated felsic intrusive. 40% pink to white clasts of fine grained felsic dykes, 60% chlorite and small <1mm wide interstitial felsic clast fragments. Unit hosts 2% disseminated blebby pyrite. Unit is cut by quartz chlorite veining 3 in unit 2-5cm wide, a 40 degrees TCA. Unit is also cut by chlorite filling fractures at 40-70 degrees TCA, no crosscutting relationships available. Unit is pervasively silicified, moderate to strong intensity. Sharp contacts at 70 degrees TCA with gabbro. Unit is hard to scratch. Non magnetic.
14.80	27.00	GAB	Gabbro	Light grey with epidote green filled fractures in fine grained phaneritic mafic intrusive gabbro. Unit is massive. Unaltered, apart from epidote filled fractures. Hosts minor quartz calcite stringers in variable orientations to core axis. Good core recovery and competency. Lower contact marked by decrease in core recovery between 26.80-27m then gougy more broke core appears. Unit is strongly magnetic. Moderate hardness. Cut core between 19.3-19.42m, no sample tag, not in original log (Possibly representative sample for core library?).
27.00	27.36	FTZ	Fault zone	Gougy broken core, gabbro fragments. At 50 degrees TCA.
27.36	66.80	GAB	Gabbro	Light grey with epidote green filled fractures in fine grained phaneritic mafic intrusive gabbro. Unit is massive. Unaltered, apart from epidote filled fractures. Hosts minor quartz calcite stringers in variable orientations to core axis. Good core recovery and competency. Hosts increased quartz calcite stringers between 35-41m. Strongly magnetic. Moderately hard to scratch. Unit hosts few quartz carbonate veins 3-5cm wide at variable orientations to core axis between 55.98-56.03 m, 56.5-56.6 m, and 62.72-62.80 m. Lower contact with QFP sharp at 40 degrees TCA.
66.80	73.00	QFP	Silicified quartz feldspar porphyry	Dark and light grey matrix with quartz and feldspar phenocrysts, grey and white in colour respectively. Unit is comprised of 40% matrix, 40% quartz phenocrysts, and 20% white feldspar phenocrysts. Phenocrysts are very coarse, 2mm - 10mm across. Unit is crosscut by three fracturing filling veining events. The firsts oldest event (i) grey smokey quartz veinlets at 40-50 degrees TCA with minor carbonate and pyrite, carrying sericite alteration halo, moderate intensity, occurring 4-8 times per meter, 0.5-2cm thick. These are crosscut by and intermediate set (ii) at 60-90 degrees to core axis of black chlorite healing fractures, <1mm wide, occurring 10s of times per meter. (ii) is frequently observed crosscutting (i). Both (i) and (ii) are observed being crosscut by (iii) the latest set of quartz ankerite, oxidized veining. These veins are subparallel to oldest set (i), indicating they may have come of same structure. Unit hosts strong pervasive silicification, Moderate sericite alteration halos. Hosts minor fracture hosted pyrite and 2-3% disseminated pyrite as fine grained euhedral crystal in matrix. Lower contact at 50 degrees TCA, filled with quartz ankerite vein, below that gabbro. Unit is very hard to scratch. Non magnetic.
73.00	92.27	GAB	Gabbro	Light and dark grey with brown oxidized patches, in medium to medium coarse crystals sized phaneritic mafic intrusive gabbro. Weak to non magnetic. Moderately hard to scratch. Good core recovery. Hosts quartz carbonate veining at 60 degrees TCA. Void of mineralisation. Hosts patchy oxidation, due to age of core. Relatively more broken core near lower contact.
92.27	93.87	QFP	Silicified quartz feldspar porphyry	Dark and light grey matrix with quartz and feldspar phenocrysts, grey and white in colour respectively. Unit is comprised of 40% matrix, 40% quartz phenocrysts, and 20% white feldspar phenocrysts. Phenocrysts are very coarse, 2mm - 10mm across. Unit is crosscut by three fracturing filling veining events. The firsts oldest event (i) grey smokey quartz veinlets at 40-50 degrees TCA with minor carbonate and pyrite, carrying sericite alteration halo, moderate intensity, occurring 4-8 times per meter, 0.5-2cm thick. These are crosscut by and intermediate set (ii) at 60-90 degrees to core axis of black chlorite healing fractures, <1mm wide, occurring 10s of times per meter. (ii) is frequently observed crosscutting (i). Both (i) and (ii) are observed being crosscut by (iii) the latest set of quartz ankerite, oxidized veining. These veins are subparallel to oldest set (i), indicating they may have come of same structure. Unit hosts strong pervasive silicification, Moderate sericite alteration halos. Hosts minor fracture hosted pyrite and 2-3% disseminated pyrite as fine grained euhedral crystal in matrix. Lower contact at 60 degrees TCA, filled with quartz vein, below that gabbro. Unit is very hard to scratch. Non magnetic.
93.87	102.87	GAB	Gabbro	Light and dark grey with brown oxidized patches, in medium to medium coarse crystals sized phaneritic mafic intrusive gabbro. Weak to non magnetic. Moderately hard to scratch. Good core recovery. Hosts quartz carbonate veining at 60 degrees TCA. Void of mineralisation. Hosts patchy oxidation, due to age of core. Relatively more broken core near lower contact.
102.87	103.70	QFP	Quartz porphyry	Grey fine grained quartz porphyritic felsic intrusive. Pervasive silica alteration. Weak sericite alteration. Sharp lower contact with mafic volcanics. Non magnetic, hard. Hosts minor discontinuous quartz carbonate veining. Void of mineralisation.



103.70	124.17	BAS	Basalt	Black to dark grey fine grained massive mafic volcanics. Hosts few grey smokey quartz veinlets at 45 degrees TCA, occasionally with minor pyrite. Hosts minor irregular, deformed quartz carbonate stringers - oxidized brown colour. Sharp lower contact with gabbro at 65 degrees TCA. Unit is unaltered. Moderately hard. Strongly magnetic. Host pyrite in few quartz veinlets. Hosts few quartz porphyrys, lacking mineralisation, small in width, between: 107.55 - 107.72 m, 117.08 - 117.48 m.
124.17	130.53	GAB	Gabbro	Fine grained, black to dark grey, mafic intrusive with few visible plagioclase phenocrysts. Hosts minor fine grained euhedral disseminated pyrite mineralisation. Unaltered. Hosts few <1cm wide quartz carbonate veinlets at 30-40 degrees TCA. Unit is magnetic, moderately hard.
130.53	130.90	BRX	Breccia zone	Grey, greenish yellow, and black in colour, brecciated sheared gabbro, and infilled with laminated quartz carbonate chlorite veining. Lacks mineralisation. Broken core. Sericite altered. Gradational upper and lower contacts marked by evidence of shearing/brecciation.
130.90	138.50	GAB	Gabbro vein zone	Fine grained, black to dark grey, mafic intrusive with few visible plagioclase phenocrysts. Hosting 10-15% quartz pyrite + carbonate veining, in veins ranging in width from .5mm wide to 4cm wide, veins hosts blebby pyrite, sub-euhedral, and other sulphide phase, possibly chalcocite (mineral is brassy brownish yellow metallic, amorphous fracture filling, only observed at 132.10 m). Veining and mineralisation are in three orientations to core axis (10-15 degrees - most pyrite), (30-40 degrees - thicker, chloritic laminated veinlets), and (70-80 degrees - Very thin, exclusively grey quartz). Sharp lower contact with coarse grained intrusive. Moderately magnetic. Moderate hardness. Total pyrite content between 5-15% per sample.
138.50	177.00	QFP	Altered feldspar porphyry	Unit has several different colours, based on grain size and alteration type and intensity. Generally unit is brownish grey (slightly oxidized, coarser grained sections +more feldspar phenocrysts), with yellowish grey sericite silica altered sections, finer grained and less feldspar phenocrysts. Units phenocryst count ranges from being dominant (65%) to a minor (5%) of unit. Unit is cut by irregular shaped quartz breccia veining, occurring once every few meters. Unit is cut by chlorite healing microfractures, and occasionally chlorite brecciation, fractures occur 5-10 times per meter in finer grained yellow sections, chlorite fractures are not observed in coarser grained oxidized section. Unit hosts 1% disseminated pyrite mineralisation. Non magnetic. Very hard to scratch. Zone of increased veining between 162-166m. Brecciated core between 170-170.5m. Sharp lower contact with gabbro at 30 degrees TCA.
177.00	389.87	GAB	Gabbro	Grey to black fine to medium grained phaneritic gabbro. Hosts few pyroxene phenocrysts. Hosts minor quartz carbonate veining occurring every 4-5 meters. Unit is weakly oxidized from start to 187m. Magnetic. Moderately hard. 2-3 quartz pyrite stringers per meter between 200-202m. Unit is generally fine grained between 200-236m, coarsening grain size between 236-250m. Below 250m through to 300+m unit is finer grained again. Oxidized gabbro between 227-232m, and 272-276m. Few quartz stringers in oxidized patch at 272-276m. Generally more disseminated pyrite within finer grained gabbro than coarser unit. Unit has another oxidized patch between 329-342m, with some mechanically broken core between 339-342m. Historic samples taken around laminated or brecciated quartz carbonate veining +- alteration or pyrite, most did not return Au values. At 351.85 - 351.87m there is a quartz and non-magnetic pyrrhotite stringers. Between 362-266.5 unit has 3% blebby and vein hosted pyrite in quartz calcite pyrite stringers at 30-40 degrees TCA, occurring 4-6 times per meter, 2-5mm thick. Between 370-375 core has very rough jagged surface, likely a result of drilling. Sharp lower contact at 35 degrees TCA with quartz porphyry.
389.87	404.44	QFP	Quartz porphyry	Grey and yellowish brownish grey in colour, fine grained matrix (80%) with quartz phenocrysts, subhedral ranging from 0.5mm-5mm wide. Porphyry hosts minor disseminated pyrite. Hosts single quartz chlorite pyrrhotite at 396m that was sampled carrying .08 g/t Au. Unit has moderate pervasive silicification. Unit is crosscut by three generations of veining. The oldest generation (I), laminated grey smokey quartz and ankerite, lacks mineralisation, slightly deformed, occurring once every 3-5 meters at 20-25 degrees TCA., (I) is observed being crosscut but the next two generations of veining (II) and (III). The second intermediate aged veining (II) are narrow quartz chlorite stringers, 0.5-1mm thick, at 40-60 degrees to core axis, occurring 5-10 times per meter, lacking mineralisation, observed cross cutting (I) and being cross cut by (III). The youngest, most recent generation (III) narrow quartz ankerite stringers at 10-15 degrees TCA occurring 10+ times per meter, lacks mineralisation, crosscuts (I) and (II). Veining typically occurs predominantly in areas with more and coarser quartz phenocrysts, in section that are matrix exclusive, there is little to no veining. Lower contact with greywacke sharp at 40 degrees TCA. Sample taken across lower contact.

404.44	424.94	CGL	Gonglomerate	Greyish yellow and black turbidite sequence basal conglomerate. Unit consists repetitions of conglomerate beds overlain by medium grained greywackes, truncated by more conglomerates...etc. Conglomerate make up 60% of unit, matrix supported (60%) of congl, 40% clasts. Matrix is black mud, clasts are similar composition as greywacke, greyish yellow medium grained subrounded, sub-spherical. Other 40% of unit is medium grained greywacke, compositionally similar to that of the conglomerate clasts. Sequence shows younging downhole. Unit is crosscut by few quartz carbonate veining that cuts through clasts, veining occurs, once every 3-5 meters, 0.5-2cm wide at 30-40 degrees TCA, irregular shapes/deformed. Unit's lower contact marked by end of conglomerate sequence, and last truncation by greywacke, at 65 degrees TCA. Unit lacks significant mineralisation, occasionally hosts minor blebs of pyrite. Non magnetic.
424.94	430.63	GST	Greywacke	Greyish yellow fine to medium grained massive equigranular 'sugary' greywacke. Non magnetic. Moderate hardness. Lacks mineralisation. Hosts occasional quartz calcite stringers + chlorite one every 1-3 meters, at 70+ degrees TCA, 0.5-1.5cm wide. Faintly visible lower contact with feldspar porphyry dyke, as they're the same colour, similar grain size, subtle texture difference from 'sugary' to 'porphyritic'.
430.63	432.78	QFP	Feldspar porphyry	Light to dark grey fine grained matrix with feldspar phenocrysts, matrix supported (80%). Unaltered. Hard to scratch. Non magnetic. Hosts quartz carbonate chlorite veining at 60+ degrees TCA, 1-5 times per meter, 2-15mm wide. Lacks mineralisation.
432.78	434.50	GST	Greywacke	Greyish yellow fine to medium grained massive equigranular 'sugary' greywacke. Non magnetic. Moderate hardness. Lacks mineralisation. Hosts occasional quartz calcite stringers + chlorite one every 1-3 meters, at 70+ degrees TCA, 0.5-1.5cm wide. Faintly visible lower contact with feldspar porphyry dyke, as they're the same colour, similar grain size, subtle texture difference from 'sugary' to 'porphyritic'.
434.50	444.06	QFP	Feldspar porphyry	Light to dark grey fine grained matrix with feldspar phenocrysts, matrix supported (80%). Unaltered. Hard to scratch. Non magnetic. Hosts quartz carbonate chlorite veining at 60+ degrees TCA, 1-5 times per meter, 2-15mm wide. Lacks mineralisation.
444.06	445.37	GST	Greywacke	Greyish yellow fine to medium grained massive equigranular 'sugary' greywacke. Non magnetic. Moderate hardness. Lacks mineralisation. Hosts occasional quartz calcite stringers + chlorite one every 1-3 meters, at 70+ degrees TCA, 0.5-1.5cm wide. Faintly visible lower contact with feldspar porphyry dyke, as they're the same colour, similar grain size, subtle texture difference from 'sugary' to 'porphyritic'.
445.37	454.75	QFP	Feldspar porphyry	Light to dark grey fine grained matrix with feldspar phenocrysts, matrix supported (80%). Unaltered. Hard to scratch. Non magnetic. Hosts quartz carbonate chlorite veining at 60+ degrees TCA, 1-5 times per meter, 2-15mm wide. Lacks mineralisation. Sharp irregular lower contact with gabbro
454.75	466.00	GAB	Gabbro	Grey and black fine and coarse grained equigranular mafic intrusive gabbro. Unit hosts quartz calcite veining at 40-60 degrees TCA, sometimes irregular shaped and brecciated, veining make up 5-10% of unit. Unit is weakly sheared between 466-470m, and hosts increased veining and mineralisation in this interval. Unit has minor disseminated pyrite throughout, and hosts pyrite within quartz calcite veinlets in sheared section. Hosts felsic intrusive xenolith at 472.3m, xenolith is 5-10cm across, irregular shape. Unit hosts fine grained greenish grey mafic dykes between 474.33-474.63m, at 60 degrees TCA and 476.05-476.29m at 80 degrees TCA. Gabbro is hard to scratch. Weak patchy magnetism.
466.00	470.00	SHZ	Sheared gabbro	Grey and black fine and coarse grained equigranular mafic intrusive gabbro. Unit hosts quartz calcite veining at 40-60 degrees TCA, sometimes irregular shaped and brecciated, veining make up 5-10% of unit. Unit is weakly sheared between 466-470m, and hosts increased veining and mineralisation in this interval. Unit has minor disseminated pyrite throughout, and hosts pyrite within quartz calcite veinlets in sheared section. Hosts felsic intrusive xenolith at 472.3m, xenolith is 5-10cm across, irregular shape. Unit hosts fine grained greenish grey mafic dykes between 474.33-474.63m, at 60 degrees TCA and 476.05-476.29m at 80 degrees TCA. Gabbro is hard to scratch. Weak patchy magnetism.
470.00	480.76	GAB	Gabbro	Grey and black fine and coarse grained equigranular mafic intrusive gabbro. Unit hosts quartz calcite veining at 40-60 degrees TCA, sometimes irregular shaped and brecciated, veining make up 5-10% of unit. Unit is weakly sheared between 466-470m, and hosts increased veining and mineralisation in this interval. Unit has minor disseminated pyrite throughout, and hosts pyrite within quartz calcite veinlets in sheared section. Hosts felsic intrusive xenolith at 472.3m, xenolith is 5-10cm across, irregular shape. Unit hosts fine grained greenish grey mafic dykes between 474.33-474.63m, at 60 degrees TCA and 476.05-476.29m at 80 degrees TCA. Gabbro is hard to scratch. Weak patchy magnetism.
480.76	488.93	DIA	Diabase dyke	Dark greyish brown fine grained Strongly magnetic, moderately hard mafic intrusive.
488.93	521.00	GAB	Gabbro	Grey to black coarse grained phaneritic mafic intrusive gabbro. Hosts disseminated pyrite. Hosts two generations of quartz calcite stringers I) the oldest at 40-60 degrees TCA Quartz calcite chlorite crystals showing inwards growth textures (Extension veins). And a younger set II) at 5-10 degrees TCA, quartz calcite chlorite pyrite. II) crosscuts I). Both vein types are less than 1 cm wide. Gabbro is hard to scratch. Very weakly magnetic in patches. Below 510m unit has increased disseminated/blebby pyrite to up to 3% locally, however, pyrite is appears primary, likely does not carry any Au.
521.00	521.00	EOH		End of hole

**CP-06-05****Integrated 2019 Gold Resampling**

Assay Certificates:

A19-15521	859994 to 860000
A19-15847	777201 to 777265

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
13.00	14.29	1.29	859994	1	0			0.005
14.29	14.80	0.51	859995	20	3			0.006
14.80	16.00	1.20	859996	4	0			0.005
19.70	19.86	0.16	84792					0.00
22.20	22.54	0.34	84793					0.00
65.00	66.00	1.00	859998	0	0			0.007
66.00	66.80	0.80	859999	1	0			< 0.005
66.80	68.00	1.20	860000	10	2			0.005
68.00	69.00	1.00	777201	5	2			< 0.005
68.00	70.13	1.13	777203	6	2			0.008
70.13	70.55	0.42	84525					0.00
70.55	71.00	0.45	777204	10	2			0.005
71.00	71.75	0.75	777205	12	2			< 0.005
71.75	72.44	0.69	777206	7	2			< 0.005
72.44	72.80	0.36	84526					0.00
72.80	73.00	0.20	777207	10	2			< 0.005
73.00	74.00	1.00	777208	2	0			0.056
74.00	75.00	1.00	777209	0	0			< 0.005
89.31	89.74	0.43	84794					0.00
89.95	90.44	0.49	84527					0.01
91.00	92.27	1.27	777210	2	0			< 0.005
92.27	92.90	0.63	777211	3	1			< 0.005
92.90	93.45	0.55	777212	6	1			< 0.005
93.45	93.87	0.42	84528					0.01
93.87	94.57	0.70	777213	5	1			< 0.005
94.57	94.85	0.28	84795					0.00
94.85	95.35	0.50	777214	4	0.5			< 0.005
95.35	95.50	0.15	84796					0.00
100.51	100.79	0.28	84797					0.00
102.08	102.50	0.42	84798					0.00
102.87	103.70	0.83	777215	1	0.5			< 0.005
103.70	105.00	1.30	777216	1	0			< 0.005
112.00	113.35	1.35	777217	0	0			< 0.005
113.35	113.65	0.30	777218	5	1			< 0.005
113.65	115.00	1.35	777219	1	0			< 0.005
115.78	116.00	0.22	84799					0.02
128.00	128.26	0.26	84975					0.00
130.53	130.90	0.37	84800					0.00
130.90	131.15	0.25	84976					0.00
131.15	131.44	0.29	84977					0.00
131.44	131.73	0.29	84978					0.01
131.73	132.00	0.27	84979					0.07

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
132.00	132.20	0.20	84980					0.00
132.20	132.40	0.20	84981					0.00
132.40	132.69	0.29	84801					0.04
132.69	132.97	0.28	84982					0.00
132.97	133.26	0.29	84983					0.00
133.26	133.54	0.28	84984					0.01
133.54	133.72	0.18	84802					17.40
133.72	133.88	0.16	84985					0.00
133.88	134.10	0.22	84986					0.01
134.10	134.51	0.41	84803					0.21
134.51	134.77	0.26	84987					0.00
134.77	135.00	0.23	84988					0.00
135.00	135.25	0.25	84989					0.00
135.25	135.50	0.25	84990					0.00
135.50	135.85	0.35	84804					0.00
135.85	136.12	0.27	84805					1.57
136.12	136.42	0.30	84806					0.36
136.42	136.72	0.30	84991					0.01
136.72	137.00	0.28	84992					0.00
137.00	137.22	0.22	84993					0.06
137.22	137.52	0.30	84807					5.61
137.52	137.82	0.30	84808					2.32
137.82	138.08	0.26	84809					0.02
138.08	138.41	0.33	84810					0.53
138.41	138.61	0.20	84994					0.00
138.61	138.95	0.34	84811					0.00
138.95	140.35	1.40	777220	2	0.5			< 0.005
140.35	140.69	0.34	84812					0.00
140.69	142.00	1.31	777221	1	0.5			< 0.005
142.00	142.30	0.30	84813					0.00
142.30	143.00	0.70	777222	1	0.7			< 0.005
143.00	143.27	0.27	84814					0.00
143.27	144.60	1.33	777223	1	0.5			< 0.005
144.60	144.99	0.39	84529					0.00
144.99	146.35	1.36	777224	7	1			< 0.005
146.35	146.55	0.20	84530					0.00
146.55	146.77	0.22	777225	0	1			0.118
146.77	147.24	0.47	84531					0.01
147.24	148.00	0.76	777226	1	1			0.044
148.00	149.00	1.00	777227	2	1			< 0.005
149.00	150.00	1.00	777228	4	1			< 0.005
150.00	151.00	1.00	777229	7	1			< 0.005
151.00	152.10	1.10	777230	6	1			< 0.005
152.10	152.47	0.37	84815					0.00
152.47	153.00	0.53	777231	2	1			0.016
152.47	154.00	1.00	777233	5	1			0.016
154.00	155.00	1.00	777234	3	1			< 0.005

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
155.00	156.07	1.07	777235	6	1			< 0.005
156.07	157.25	1.18	777236	3	1			0.025
156.07	156.50	0.43	84816					0.04
157.25	158.00	0.75	777238	5	1			0.008
158.00	159.00	1.00	777239	5	1			0.005
159.00	160.00	1.00	777240	3	1			0.007
160.00	161.00	1.00	777241	2	1			< 0.005
161.00	162.32	1.32	777242	5	1			< 0.005
162.32	162.66	0.34	84817					0.00
162.66	164.00	1.34	777243	3	1			< 0.005
164.00	164.35	0.35	84818					0.00
164.35	164.97	0.62	777244	10	1			0.093
164.97	165.42	0.45	84819					0.00
165.42	166.20	0.78	777245	6	1			0.029
166.20	167.00	0.80	777246	6	1			< 0.005
167.00	168.00	1.00	777247	3	1			< 0.005
168.00	169.00	1.00	777248	6	1			< 0.005
169.00	170.00	1.00	777249	4	1			< 0.005
170.00	170.35	0.35	84820					0.00
170.35	171.00	0.65	777250	7	1			< 0.005
171.00	172.23	1.23	777251	6	1			< 0.005
172.23	172.63	0.40	84821					0.00
172.63	174.00	1.37	777252	8	1			< 0.005
174.00	175.12	1.12	777253	6	1			< 0.005
175.12	175.48	0.36	84822					0.00
175.48	176.88	1.40	777254	5	1			< 0.005
176.88	177.28	0.40	84823					0.00
177.28	178.00	0.72	777255	2	0.5			< 0.005
178.00	179.00	1.00	777256	4	0.5			0.005
179.00	180.00	1.00	777257	1	0.5			0.009
185.78	186.08	0.30	84825					0.00
198.00	199.00	1.00	777258	0	1			< 0.005
199.00	199.35	0.35	777259	5	5			< 0.005
199.35	200.00	0.65	777260	3	3			< 0.005
200.00	200.60	0.60	777261	2	3			< 0.005
200.60	201.00	0.40	777262	0	0.5			< 0.005
207.83	208.11	0.28	84826					0.00
225.31	225.53	0.22	84827					0.00
225.53	225.74	0.21	84828					0.02
225.74	226.09	0.35	84829					0.00
261.82	262.16	0.34	84830					0.02
274.10	274.36	0.26	84831					0.00
278.19	278.43	0.24	84832					0.00
292.32	292.60	0.28	84833					0.00
303.05	303.25	0.20	84834					0.00
303.25	303.35	0.10	84835					0.25
303.35	303.50	0.15	84836					0.05

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
303.50	303.83	0.33	84837					0.00
304.53	304.68	0.15	84838					0.03
326.40	326.68	0.28	84839					0.00
336.60	336.83	0.23	84840					0.23
339.20	339.50	0.30	84841					0.32
351.86	351.97	0.11	84842					0.22
358.54	358.80	0.26	84843					0.01
358.80	359.08	0.28	84844					0.00
362.00	363.50	1.50	777263	7	3			0.007
363.50	365.00	1.50	777264	6	3			0.005
365.00	366.50	1.50	777265	8	3			< 0.005
389.00	389.15	0.15	84845					0.00
390.24	390.48	0.24	84847					0.03
395.91	396.03	0.12	84848					0.04
399.11	399.40	0.29	84849					0.00
400.52	400.64	0.12	84850					0.08
401.00	401.22	0.22	84851					0.00
404.26	404.58	0.32	84852					0.00
404.75	404.92	0.17	84853					0.00
405.70	406.00	0.30	84854					0.02
408.33	408.63	0.30	84855					0.00
419.00	419.36	0.36	84856					0.00
419.88	420.09	0.21	84857					0.03
420.09	420.28	0.19	84858					0.00
420.28	420.64	0.36	84859					0.01
420.64	420.97	0.33	84860					0.00
444.69	444.88	0.19	84861					0.00
452.55	452.67	0.12	84862					0.00
454.05	454.41	0.36	84863					0.00
461.38	461.74	0.36	84864					0.00
461.74	462.00	0.26	84865					0.00
467.81	468.15	0.34	84866					0.04
469.35	469.79	0.44	84867					0.00
478.06	478.30	0.24	84868					0.00
480.94	481.22	0.28	84869					0.00
494.95	495.29	0.34	84870					0.00
504.65	504.96	0.31	84871					0.00
513.63	513.84	0.21	84872					0.01
BLANK			777202					< 0.005
BLANK			777237		1			0.005
STD 220			859997					0.798
STD 623			777232		1			0.819

CP-07-07 RELOGGING

2019 Geology Revision (Dan Johannsson)

FROM	TO	ROCK CODE	NEW CODE	DESCRIPTION
0.00	8.38	OB	OVV	
8.38	8.83	GABS	GAB	DJ 2019: Brown vuggy rusty fine grained mafic intrusive. Broken core. Oxidized, hematite possible.
8.83	26.40	GAB	GAB	DJ 2019: Dark green to dark grey almost black, medium grained phaneritic mafic intrusive. Hosts few sections of broken core including from start of unit to 12m. Moderately hard to scratch. Strongly magnetic. Reacts to HCl pervasively. Hosts few irregular calcite stringers generally at low angle TCA >1cm wide occurring 1-3 times per meter, making 2-5% of unit. Sharp lower contact with quartz breccia vein.
26.40	27.35	QVB	QVB	<b>**Two samples already taken out of core, no sample tags, or record in log. Entire section will be quartered.**</b> DJ 2019: Unit is quartz ankerite + feldspar vein with chlorite lamination. Clasts of ankerite and feldspar spiratic throughout vein. Chlorite lamination parallel TCA. Upper and lower vein contacts are at roughly 60 degrees TCA. Lacks sulphides. Brown oxidized ankerite reacts strongly to HCl. Hard to scratch. Non magnetic
27.35	38.50	GAB	GAB	DJ 2019: Dark green to dark grey almost black, medium grained phaneritic mafic intrusive. Hosts few sections of broken core including from start of unit to 12m. Moderately hard to scratch. Strongly magnetic. Reacts to HCl pervasively. Hosts few irregular calcite stringers generally at low angle TCA >1cm wide occurring 1-3 times per meter, making 2-5% of unit. Gradational lower contact as ankerite hematite alteration becomes stronger between 38.5-40m.
38.50	42.00	GABP	GAB	<b>** Several samples taken of half core, no record in log. Sections will be quartered. Intervals include ((listed as from-to - sample ID)): 41-41.26m - 84877, 43-43.36m - 84878, 48.88-49.18m - 84879, 52-52.36m 84880, 54-54.35m - 51501, 54.35-54.75 - 51502, 54.75-55.20m - 51503, 55.20-55.65m - 51504, 55.65-55.80m 84881, 55.80-56.21m 51505, 56.21-56.61m 51506, 56.61-56.81m - 51507, 56.81-57.19m - 51508, 57.19-57.55m - 51509, 57.55-58.00m - 51510, 58.0-58.40m - 51511, 58.40-58.83m - 51512, 58.83-59.20m - 51513, 59.20-59.46m - 51514, 59.46-59.81m - 51515, 59.81-60.0m - 51516, 60.0-60.24m - 84882, 60.24-60.70m - 51518, 60.70-61.0m - 51519, 61.0-61.35m - 84883, 61.35-61.70m - 51520, 61.70-61.06m - 51521, 62.06-62.32m 51522. Unit is dark greenish grey with brown patchy vein controlled ankerite alteration that has been oxidized, in medium grained mafic intrusive. Ankerite alteration can is typically found in or around white quartz veins with minor calcite. Veining lacks mineralisation. Hosts section of broken core, between 42-42.5m, fracturing is subparallel to core axis. Moderate hardness, non magnetic. Lower contact with fault marked by core being ground, gougy, and strongly altered.</b>
42.00	42.50	FLT	GAB	<b>Refer to 'GAB' 38.5-42m.</b>
42.50	50.50	GABP	GAB	<b>Refer to 'GAB' 38.5-42m.</b>
50.50	51.15	FLT	FLT	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> DJ 2019: Brown very broken, gougy, ground, ankerite hematite altered oxidized gabbro fragments in fault zone. Fault with fracturing and gouge at 15 degrees TCA. Non magnetic, easy to scratch, reacts strongly to HCl. Contacts of unit are marked by core's recovery. Hanging wall, below the fault is strongly ankerite altered, until 54m.
51.15	54.00	GABP	GAB	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> DJ 2019 Light to dark brown patches of ankerite alteration overprinter on a light to dark grey slightly greenish medium grained phaneritic gabbro. Hosts 5-10% quartz ankerite veining ranging from 25-45 degrees TCA, veins occur 4-5 times per meter, 0.5-2cm wide. Lacks mineralisation. Moderately hard to scatch. Non magetic. Darker brown sections react to HCl, rest of unit is inert. Lower contact marked by shift from ankerite alteration to sericite ankerite alteration.
54.00	59.46	GAB	GAB	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> Yellow, brown, and greenish grey in colour, fine to fine medium grained sericite ankerite altered gabbro. Hosts pervasive moderate to strong sericite alteration, patchy stong oxidised ankerite staining (10%) of unit. Hosts 6% smokey quartz chalcopyrite +- bornite veining at 40-60 degrees TCA, occurring 1-5 times per meter, 0.5-2cm wide. Moderately hard. Non magnetic. Lower contact with fault zone, maked by low core recovery and strong pervasive oxidation.
59.46	60.24	FLT	FLT	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> Brown rusty, dusty, ground, gougy, low core recovery fault zone in gabbro. Strongly ankerite altered and oxidised. Hosts large fracture filling greyish white smokey quartz vein breccia with wallrock clasts inside the vein, 10 cm wide between 59.8-59.9m. Hanging wall, downhole unit is strongly ankerite altered and oxidized with normal core recovery. Very soft to scratch. Non magnetic. Reacts weakly to HCl.
60.24	62.32	GABP	FEL	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> Yellow to yellowish green porphyrytic intrusive unit. Unit is medium grained, mostly equigranular, with few pyrite phenocrysts (likely replacement). Unit is strongly pervasively silicified, and sericite altered. Unit appears felsic, due to strong silicification. Hosts 10-20% smokey quartz veining with occasional pyrite within or adjacent to the veining. Veining found in two dominant directions to core axis, and three generations the first, oldest set at 40-60 degrees TCA, deformed, is crosscut by two other generations. The relative age of the second two types of veining cannot be deserned, however there is evidence indicating the lower angle to core axis set came second. Vein sets 2 and 3 both crosscut set 1 their orientations are 60 and 15 degrees TCA. Evidence for the set at 15 degrees TCA being the intermediate set shows as the veins are deformed, having irregular shapes, whereas the other set at 60 degrees TCA seems to have a straighter, non-deformed orientation. Unit totals having approximately 5% pyrite mineralisation found in or adjacent to veining and disseminated as phenocrysts throughout. Veining content decreases between 76-89m, and increases again below.
62.32	63.00	FLT	FEL	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> Yellow to yellowish green porphyrytic intrusive unit. Unit is medium grained, mostly equigranular, with few pyrite phenocrysts (likely replacement). Unit is strongly pervasively silicified, and sericite altered. Unit appears felsic, due to strong silicification. Hosts 10-20% smokey quartz veining with occasional pyrite within or adjacent to the veining. Veining found in two dominant directions to core axis, and three generations the first, oldest set at 40-60 degrees TCA, deformed, is crosscut by two other generations. The relative age of the second two types of veining cannot be deserned, however there is evidence indicating the lower angle to core axis set came second. Vein sets 2 and 3 both crosscut set 1 their orientations are 60 and 15 degrees TCA. Evidence for the set at 15 degrees TCA being the intermediate set shows as the veins are deformed, having irregular shapes, whereas the other set at 60 degrees TCA seems to have a straighter, non-deformed orientation. Unit totals having approximately 5% pyrite mineralisation found in or adjacent to veining and disseminated as phenocrysts throughout. Veining content decreases between 76-89m, and increases again below.
63.00	64.58	GABP	FEL	<b>Refer to 'GAB' 38.5-42m for original sampling intervals.</b> Yellow to yellowish green porphyrytic intrusive unit. Unit is medium grained, mostly equigranular, with few pyrite phenocrysts (likely replacement). Unit is strongly pervasively silicified, and sericite altered. Unit appears felsic, due to strong silicification. Hosts 10-20% smokey quartz veining with occasional pyrite within or adjacent to the veining. Veining found in two dominant directions to core axis, and three generations the first, oldest set at 40-60 degrees TCA, deformed, is crosscut by two other generations. The relative age of the second two types of veining cannot be deserned, however there is evidence indicating the lower angle to core axis set came second. Vein sets 2 and 3 both crosscut set 1 their orientations are 60 and 15 degrees TCA. Evidence for the set at 15 degrees TCA being the intermediate set shows as the veins are deformed, having irregular shapes, whereas the other set at 60 degrees TCA seems to have a straighter, non-deformed orientation. Unit totals having approximately 5% pyrite mineralisation found in or adjacent to veining and disseminated as phenocrysts throughout. Veining content decreases between 76-89m, and increases again below.

64.58	75.84	RHY	FEL	Refer to 'GAB' 38.5-42m for original sampling intervals. Yellow to yellowish green porphyrytic intrusive unit. Unit is medium grained, mostly equigranular, with few pyrite phenocrysts (likely replacement). Unit is strongly pervasively silicified, and sericite altered. Unit appears felsic, due to strong silicification. Hosts 10-20% smokey quartz veining with occasional pyrite within or adjacent to the veining. Veining found in two dominant directions to core axis, and three generations the first, oldest set at 40-60 degrees TCA, deformed, is crosscut by two other generations. The relative age of the second two types of veining cannot be determined, however there is evidence indicating the lower angle to core axis set came second. Vein sets 2 and 3 both crosscut set 1 their orientations are 60 and 15 degrees TCA. Evidence for the set at 15 degrees TCA being the intermediate set shows as the veins are deformed, having irregular shapes, whereas the other set at 60 degrees TCA seems to have a straighter, non-deformed orientation. Unit totals having approximately 5% pyrite mineralisation found in or adjacent to veining and disseminated as phenocrysts throughout. Veining content decreases between 76-89m, and increases again below.
75.84	89.90	GABP	FEL	Refer to 'GAB' 38.5-42m for original sampling intervals. Yellow to yellowish green porphyrytic intrusive unit. Unit is medium grained, mostly equigranular, with few pyrite phenocrysts (likely replacement). Unit is strongly pervasively silicified, and sericite altered. Unit appears felsic, due to strong silicification. Hosts 10-20% smokey quartz veining with occasional pyrite within or adjacent to the veining. Veining found in two dominant directions to core axis, and three generations the first, oldest set at 40-60 degrees TCA, deformed, is crosscut by two other generations. The relative age of the second two types of veining cannot be determined, however there is evidence indicating the lower angle to core axis set came second. Vein sets 2 and 3 both crosscut set 1 their orientations are 60 and 15 degrees TCA. Evidence for the set at 15 degrees TCA being the intermediate set shows as the veins are deformed, having irregular shapes, whereas the other set at 60 degrees TCA seems to have a straighter, non-deformed orientation. Unit totals having approximately 5% pyrite mineralisation found in or adjacent to veining and disseminated as phenocrysts throughout. Veining content decreases between 76-89m, and increases again below.
89.90	90.70	FLT	QVB	Greyish yellow in colour, fine grained intrusive unit, altered by sericite and silica hosts quartz breccia veining making up 30% of unit. Veining is brecciated, deformed, at low angles to core axis, hosts occasional carbonate and pyrite within veining. Core is very broken apart, sections of broken and lost core account for 10-15% of unit. No primary texture can be seen within altered 'intrusive unit' it probably originated as a gabbro and was strongly altered, as no sharp contacts were observed from the gabbro. Very hard to scratch. Non magnetic. Inert to HCl.
90.70	98.74	GABP	GAB	Greenish yellow, grey, and patches of brown, ankerite sericite altered fine to medium grained gabbro. Unit is finer grained between 92-93m and medium grained below this. Unit has strongest sericite alteration between 92-93.45m, sericite alteration continues below this depth, however it is notably weaker. Grain size tends to correlate with alteration type; fine grained - sericite, medium grained - ankerite. Ankerite alteration is moderate to strong below 94.44m, as patches (10% of unit) and halos. Moderate hardness. Non magnetic. Inert to HCl. Minor pyrite mineralisation disseminated, and within veining. Veining picks up below 96m making 8% of unit, as whiteish smokey quartz pyrite veins at 60 degrees TCA. Has ripple marks from drill, drilling at high head pressure.
98.74	102.97		CLO	Missing box 23.
102.97	107.00	GAB	QVZ	Ankerite altered gabbro, quartz pyrite +- sphalerite vein zone. Unit is brown, dark grey to black medium grained intrusive gabbro with strong ankerite alteration around veining with 10% veining. Veining is found in several orientations and generations: The oldest set (i) at 20-30 degrees TCA (0.5-1cm wide) is a quartz carbonate pyrite +- sphalerite. Followed by an intermediate (ii) white quartz ankerite pyrite vein set at 70 degrees TCA 2-5cm wide, with ankerite halo. (ii) can be observed crosscutting (i) at 104.4m. The youngest set (iii) is a thin smokey quartz, almost black quartz at 50 degrees TCA 1-3mm wide, without mineralisation. (iii) can be observed crosscutting (ii) at 104.5m. (iii) can be observed crosscutting (i) at 104.20m. Alteration and veining end abruptly at 107m. Unit is moderately hard. Non magnetic. Inert to HCl. Hosts 1% disseminated pyrite. Total mineralisation of 4-5% pyrite, 0.5% local sphalerite.
107.00	145.14	GAB	GAB	Black to dark grey massive fine to medium grained phaneritic gabbro. Unaltered. Moderate to strongly magnetic. Hosts few quartz calcite chlorite pyrite veining occurring few and far between making up 5% of unit over 1m between (115-116m) and (124-125m) (132-133m). Total veining of <1%. Unit inert to HCl, apart from sections with veining. Hosts few plagioclase phenocrysts between 136-145.14m. Missing last box of hole (Bx34) between 145.14-151m.
145.14	146.84	GAB	GAB	Missing BOX 34
145.14	151.00	DIA	DIA	Missing BOX 34
151.00	151.00		EOH	End of Hole



**CP-07-07**

**Integrated 2019 Gold Resampling**

Assay Certificates:	A19-14034	859740 to 859811
	A19-14629	859812 to 859820

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
8.38	8.83	0.45	859740	0	0.0			<0.005
8.83	10.00	1.17	859741	0	0.0			<0.005
23.00	24.50	1.50	859743	1	0.3			<0.005
24.50	26.40	1.90	859744	4	0.5			<0.005
26.40	26.81	0.41	859745	80	1.0		1/4 cut	<0.005
26.81	27.00	0.19	859746	90	1.0			<0.005
27.00	27.29	0.29	859747	90	1.0		1/4 cut	<0.005
27.29	28.00	0.71	859748	5	0.5			<0.005
28.00	29.00	1.00	859749	2	0.3			<0.005
36.00	37.50	1.50	859750	3	0.3			<0.005
37.50	38.50	1.00	859751	5	0.3			<0.005
38.50	40.00	1.50	859752	5	0.3			<0.005
40.00	41.00	1.00	859753	10	0.5			<0.005
41.00	41.26	0.26	859754	40	1.0			<0.005
41.26	42.00	0.74	859755	10	0.5			<0.005
42.00	42.50	0.50	859756	10	1.0		Fault zone	<0.005
42.50	43.00	0.50	859757	3	0.5			<0.005
43.00	43.36	0.36	859758	20	0.5		1/4 cut	0.006
43.36	44.00	0.64	859759	10	1.0			<0.005
44.00	45.00	1.00	859760	6	1.0			<0.005
45.00	46.00	1.00	859761	10	1.0			<0.005
46.00	47.00	1.00	859763	10	1.0			<0.005
47.00	48.15	1.15	859764	12	1.0			<0.005
48.15	48.88	0.73	859765	8	1.0			<0.005
48.88	49.19	0.31	859766	30	1.5		1/4 cut	<0.005
49.19	50.50	1.31	859768	12	2.0			0.151
50.50	51.15	0.65	859769		1.0		fault zone	0.117
51.15	52.00	0.85	859770	5	0.5			0.04
52.00	52.36	0.36	859771	10	1.0		1/4 cut	0.031
52.36	53.00	0.64	859772	25	3.0			0.089
53.00	54.00	1.00	859773	10	2.0			<0.005
54.00	54.75	0.75	859774	10	3.0		1/4 cut	<0.005
54.75	55.80	1.05	859775	15	2.0		1/4 cut	0.392
55.80	56.81	1.01	859776	4	1.0		1/4 cut	0.005
56.81	58.00	1.19	859777	10	3.0	CPY + bornite	1/4 cut	0.01
58.00	58.83	0.83	859778	5	2.0		1/4 cut	0.009
58.83	59.46	0.63	859779	8	2.0		1/4 cut	0.006
59.46	60.24	0.78	859780	15	2.0		1/4 cut + fault zone	0.032
60.24	61.35	1.11	859781	16	2.0		1/4 cut	0.005
61.35	62.32	0.97	859782	10	3.0		1/4 cut	<0.005
62.32	62.50	0.18	84884					3.32
62.50	62.75	0.25	51523					0.01
62.75	63.00	0.25	51524					0.06
63.00	63.26	0.26	51525					0.01
63.26	63.48	0.22	51526					0.01
63.48	63.76	0.28	51527					0.73
63.76	64.00	0.24	51528					0.51
64.00	64.15	0.15	84885					1.79
64.15	64.42	0.27	51529					19.97
64.42	64.58	0.16	51530					0.49
64.58	64.75	0.17	84886					0.69
64.75	65.11	0.36	51532					0.69
65.11	65.33	0.22	51533					0.07
65.33	65.53	0.20	51534					0.02
65.53	65.83	0.30	84888					0.03
65.83	66.17	0.34	51535					0.16
66.17	66.59	0.42	51536					0.07
66.59	66.83	0.24	51537					0.38
66.83	67.09	0.26	51538					0.02
67.09	67.33	0.24	84889					0.54
67.33	67.56	0.23	51539					0.02

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
67.56	67.80	0.24	51540					0.03
67.80	68.07	0.27	51541					0.29
68.07	68.24	0.17	84890					0.05
68.24	68.54	0.30	51542					0.13
68.54	68.84	0.30	51543					0.09
68.84	69.14	0.30	51544					0.01
69.14	69.46	0.32	51545					0.05
69.46	69.71	0.25	84891					0.56
69.71	70.00	0.29	51546					0.01
70.00	70.27	0.27	51548					0.1
70.27	70.60	0.33	51549					0.02
70.60	70.88	0.28	51550					0.01
70.88	71.09	0.21	51551					0.31
71.09	71.51	0.42	51552					0.01
71.51	71.93	0.42	51553					0.01
71.93	72.20	0.27	84892					0.01
72.20	72.40	0.20	51554					0.01
72.40	72.58	0.18	84893					0.05
72.58	73.00	0.42	51555					0.33
73.00	73.37	0.37	51556					0.01
73.37	73.70	0.33	51557					0.22
73.70	73.99	0.29	51558					0.09
73.99	74.34	0.35	51559					0.01
74.34	74.82	0.48	51560					0.02
74.82	75.03	0.21	84894					1.44
75.03	75.40	0.37	51561					0.02
75.40	75.84	0.44	51562					0.01
75.84	76.27	0.43	51563					0.01
76.27	76.61	0.34	51564					0.01
76.61	76.87	0.26	84895					0.05
76.87	78.00	1.13	859783	2	0.5			0.061
78.00	79.00	1.00	859784	2	0.5			0.005
79.00	80.00	1.00	859785	2	0.5			0.008
80.00	81.00	1.00	859786	2	0.5			0.005
81.00	82.00	1.00	859787	2	0.5			0.005
82.00	82.72	0.72	859789	2	0.5			0.006
82.72	83.01	0.29	84896					0.04
83.01	84.00	0.99	859790	5	2.0			0.017
84.00	84.69	0.69	859791	7	0.5			<0.005
84.69	85.38	0.69	859792	8	0.5			0.007
85.38	85.63	0.25	84897					0.01
85.63	86.89	1.26	859794	2	0.5			<0.005
86.89	87.11	0.22	84898					0.01
87.11	88.00	0.89	859795	3	0.5			0.068
88.00	88.81	0.81	859796	1	0.5			<0.005
88.81	89.17	0.36	84899					0.01
89.43	89.81	0.38	51583					0.01
89.81	90.16	0.35	51584					0.1
90.16	90.40	0.24	84900					0.49
90.40	90.70	0.30	51585					0.1
90.70	91.00	0.30	51586					0.02
91.00	91.30	0.30	84901					0.01
91.30	91.63	0.33	51587					0.06
91.63	91.91	0.28	51588					2.98
91.91	92.14	0.23	51589					0.81
92.14	92.47	0.33	51590					0.17
92.47	92.80	0.33	84902					0.05
92.80	93.00	0.20	51591					0.02
93.00	93.45	0.45	859797	1	0.5			0.14
93.45	94.44	0.99	859798	3	0.5			0.01
94.44	95.00	0.56	859799	5	2.0			<0.005
95.00	96.00	1.00	859800	6	1.0			<0.005
96.00	96.33	0.33	859801	60	3.0			2.34
96.33	97.00	0.67	859802	10	2.0			<0.005
97.00	97.70	0.70	859803	4	1.0			<0.005
97.70	98.41	0.71	859804	5	2.0			0.117

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
98.42	98.74	0.32	51594					0.03
99.30	99.74	0.44	51595					0.05
102.97	104.00	1.03	859805	5	2.0			<0.005
104.00	104.50	0.50	859806	10	4.0			0.009
104.50	104.75	0.25	84903					0.01
104.75	105.10	0.35	859807	8	3.0			0.034
105.10	105.60	0.50	859808	8	3.0			<0.005
105.60	106.52	0.92	859809	6	3.0			<0.005
106.52	107.00	0.48	51596					0.01
107.00	107.22	0.22	859810	1	0.5			0.007
107.22	107.50	0.28	51597					0.01
107.50	109.00	1.50	859811	2	0.5			<0.005
109.00	110.50	1.50	859812	2	0.5			0.005
110.50	112.00	1.50	859813	2	0.5			<0.005
112.00	113.50	1.50	859814	2	0.5			0.005
113.50	115.00	1.50	859815	2	0.5			<0.005
115.00	116.00	1.00	859816	10	1.5			<0.005
116.00	117.50	1.50	859817	2	0.5			<0.005
124.29	124.58	0.29	51598					0.02
131.00	132.00	1.00	859818	2	0.5			0.005
132.00	133.00	1.00	859819	8	3.0			<0.005
133.00	133.69	0.69	859820	0	0.3			0.009
133.69	133.97	0.28	84904					0.09
139.76	140.13	0.37	51599					0.01
149.82	150.06	0.24	84905					0.01
150.76	151.00	0.24	84906					0.01
BLANK			859742					<0.005
BLANK			859767					<0.005
BLANK			859793					<0.005
STD 220			859762					0.896
STD 623			859788					0.839

CP-07-08 RELOGGING  
 2019 Geology Revision (Dan Johannsson)

FROM	TO	ROCK CODE	NEW CODE	DESCRIPTION
0.00	17.88	OVB	OVBN	Overburden. Few pieces of core remaining, broken fragments.
17.88	22.00	BSLT	GAB	Black to dark grey massive fine grained aphenitic gabbro. Hosts low angle to core axis calcite stringers 10s per meter. Hosts few quartz chlorite veinlets at 30-40 degrees TCA occurring once per 3-4 meters. Total veining around 5% of unit. Lack mineralisation. Stongly magnetic. Hard to scratch. Inert to HCl, apart from Cal stringers previously mentioned. Lower contact with ground core possible fault zone.
22.00	22.20	GBRO	BC	Ground broken core, greyish brown in colour. Pieces flacky shaped, lacks gouge, pieces are less than 1cm wide.
22.20	27.60	GBRO	GAB	Black to dark grey massive fine grained aphenitic gabbro. Hosts low angle to core axis calcite stringers 10s per meter. Lack mineralisation. Stongly magnetic. Hard to scratch. Inert to HCl, apart from Cal stringers previously mentioned. Sharp lower contact with ground core possible fault zone. Hosts granitic clasts between 22.50-22.73m. Granitic clast hosts smokey quartz and soft greyish black mineral vein at 50 degrees TCA, that abruptly ends at contact with gabbro. This means veining and granitic fragment predate gabbro emplacement. Granitic fragment is crosscut by two generations of chlorite stringers, one generation does not extend into surrounding gabbro (20 degrees TCA) and younger generation at 50 degrees TCA that crosscuts both ganitic fragment and gabbro.
27.60	32.68	GBRO	BC	Ground broken core, greyish brown in colour. Pieces flacky shaped, lacks gouge, pieces are less than 1cm wide, few pieces of core up to 15cm wide, however no way to discern, at what depth these pieces come from. Lower contact marked by core recovery increasing.
32.68	33.84	GBRO	GAB	Gabbro breccia. Black to dark grey fine grained aphenitic brecciated gabbro with clasts consisting of large irregular granitoids. Clasts exist between 33.05-33.19m, 33.48-33.84m. Clasts are similar to that in previous gabbro, predating emplacement of gabbro. Clasts host irregular quartz vein fragment that have been recrystallised. Clasts are non magnetic, moderately hard to scratch. Gabbro is magnetic, and moderately hard to scratch, however, slightly easier than the clasts. Unit lacks mineralisation. Lower contact marked by end of last clast.
33.84	42.00	GBRO	GAB	Black to dark grey fine grained gabbro. Unit has gradational grain size coarsening downhole. Hosts occasional primary blebby pyrite. Hosts few clacite stringers 3-4% of unit, <1mm wide. Hosts broken core between 40-41m. Hosts single smokey laminated dark grey quartz chlorite veinlets at 45 degrees TCA between 41.20-41.36m. Unit is hard to scratch. Magnetic. Inert to HCl, apart from calcite stringers. Lower contact gradational, marked by grain size increase.
42.00	68.00	DACT	GAB	Dark grey to black medium to coarse grained gabbro. Unit is massive, hosts few fractures of weak epidote alteration between 42-53m (1per meter, 1mm wide, variable orientation). Hosts broken core, sections, no gouge between 50.60-51.00m. Unit is fine to medium grained between 52-58m. Hosts few granitic framents below 58m, and granitoid veinlets 1-2cm wide occurring once per meter between 62-66m. Unit hosts minor disseminated blebby pyrite mineralisation. Unit is moderately to strongly magnetic. Hosts 1-2% calcite stringers. Lower contact gradation marked by increase in sericite alteration, from not present to very weak between 67-68m.
68.00	88.00	GBRO	GAB	Sericite ankerite altered Gabbro. Unit varies in colour from greyish green to yellowish green to brownish green-grey, the colours represent different intensity and alterations. Greenish to yellow represents weak to moderate sericite alteration, pervasive. Brown colour represents the ankerite alteration and oxidation, fracture controlled and patchy alterations, moderate to strong intensity. Unit hosts several generations of veining. The oldest generations, only appears between 72-73m, grey smokey quartz chlorite with minor carbonate and pyrite, with crystal growth from vein margin into core of vein, at low angle to core axis 5-10 degrees, 2-4cm wide, deformed, lacks continuity, few displaced sections of vein. The second genereration of veining, intermediate age of irregular minor quartz, ankerite dominated veinlets <1cm wide at 40-60 degrees TCA occurring 3-10 times per meter, these veins crosscut the older low angle TCA vein generation. The youngest vein generations is smokey grey quartz dominated with minor ankerite pyrite, sometimes brecciated, at 70+ degrees TCA, not defored occurring 1-2 times per meter. This youngest vein generation is observed crosscutting all previously mentioned generations, as well as breccia zone (wallrock fragments, quartz sericite matrix between 72.21-72.31m. Unit maintains the plagioclase phenocrysts throughout all the alteration, deformation, events. Lower contact marked by gradual decrease in all alteration between 87-88m. Changed
88.00	93.40	GBRO	GAB	Dark grey to black, fine to fine medium grained unaltered gabbro. Massive,, with few larger plagioclase phenocrysts. Hosts minor calcite stringers. Strongly magnetic. Moderate hardness. Hosts granitic fragment between 91.45-91.72m (similar to those previously observed in the hole). Below 92m unit becomes weakly sericite altered. Lower contact marked by brecciation of unit.
93.40	93.70	GBRO	BRX	Brecciated Gabbro. Light grey and brown brecciated gabbro. Light grey plagioclase rich matrix (60%) with interstitial oxidized iron alteration. Dark grey to black unaltered gabbro clasts (40%), angular, 1-4cm across. Sharp contacts. Minor disseminated pyrite. Softer than gabbro above to scratch. Non magnetic.
93.70	96.00	GBRO	GAB	Sericite altered gabbro. Yellowish brownish halos, around quartz +- carbonate veining within dark grey to black fine grained gabbro. Hosts 5% quartz carboante veining with sericite alteration halo, minor pyrite associated with alteration halo. Veining at 30-40 degrees TCA. Magnetic. Moderate hardness. Gradational lower contact marked by decrease in alteration to nil.
96.00	112.00	GBRO	GAB	Grey to darkish grey green fine to medium grained unaltered gabbro. Hosts few white quartz calcite veinlets at 40-50 degrees occurring once every 3-4 meters 1-5 cm wide. Hosts single occurrence of pyrite within the 5cm wide vein, hosts trace disseminated pyrite. Unit is strongly magnetic, hard to scratch. Lower contact is gradational marked by increase in alteration from nothing to stong.
112.00	125.00	DIAB	GAB	Ankerite sericite altered gabbro. Light grey and speckled brown medium grained ankerite altered gabbro. Hosts few grey quartz chlorite with pyrite veinlets at 30 and 60 degrees TCA occurring 1-2 times per meter, 0.5-2cm wide. Total pyrite content through unit approximately 2%. Unit has brown patchy oxidized ankerite alteration, moderate to strong intensity. Sericite alteration appears at 114m and continues downhole. Weakly magnetic. Moderate hardness. Veining decreases below 116m. Lower contact gradual marked by decrease in alteration until unit is unaltered.
125.00	159.00	GBRO	GAB	Ankerite sericite altered gabbro. Light and dark grey medium to coarse grained gabbro. Hosts few lamprophyre dykes 5-30 cm wide. Hosts 5-15% quartz calcite chlorite veining, in variable orientations to core axis between 132-142m (generally 15 and 60 degrees). Unit lacks mineralisation and alteration. Patchy weak magnetism. Moderate hardness. Grain size coarsens downhole.
159.00	159.80	GBRO	BRX	Grey and brown brecciated gabbro (80% gabbro as above 125-129m), 20% fine grained gabbro clasts. Minor chlorite stringers.
159.80	160.16	GBRO	DIA	Brown fine grained diabase dyke. Strongly magnetic. Sharp upper and lower contact at 75 degrees TCA.
160.16	160.27	GBRO	BRX	Brecciated quartz vein. Black and white, quartz vein clasts (70%) and black chlorite matrix. Minor pyrite and carbonate in and around quartz vein clasts. Clasts are angular to subangular. Ranging in diameter from 1mm to 1.5cm. Sharp brownish black bands of chlorite crosscutting the breccia as lower contact at 70 degrees TCA. Moderate hardness. Non magnetic.
160.27	160.67	GBRO	QV	Bull white quartz vein with chlorite filled fractures near perpendicular to core axis. Massive. Non magnetic. Very hard to scratch. Hosts 1-2% fracture controlled fine grained euhedral pyrite. Lower contact at 70 degrees TCA with diabase dyke.
160.67	161.45	GBRO	DIA	Brown fine grained diabase dyke. Strongly magnetic. Broken core. Lower contact at 80 degrees TCA.
161.45	162.00	GBRO	QV	Bull white quartz vein with chlorite filled fractures near perpendicular to core axis. Massive. Non magnetic. Very hard to scratch. Hosts 0.5-1% fracture controlled fine grained euhedral pyrite. Sharp contact with gabbro, but core is broken.
162.00	175.47	GBRO	GAB	Dark grey to black with few whiteish light grey plagioclase phenocrysts, in fine grained weakly sheared gabbro. Grains in gabbro are weakly foliated to 50-60 degrees TCA, with few bands of intense shearing in same orientation. Gabbro is dominantly unaltd, few slightly oxidized quartz carboante veinlets. Total veining of <5% of unit. Unit lacks mineralisation. Moderate to strongly magnetic. Moderate to moderately easy to scratch. Lower contact irregular with deformed silicified felsic intrusive.
175.47	176.98	GBRO	QFP	Silicified Quartz Feldspar porphyry . Red to pink very fine grained silicified quartz feldspar porphyry with >10% quartz and felspar phenocrysts. Pervasive strong silica alteration. Fracture controlled epidote alteration. Early chlorite microbreccia crosscut by epidote. Brecciated lower contact. Lacks mineralisation. Very hard to scratch. Moderately magnetic.
176.98	186.00	GBRO	GAB	Dark grey to black fine and coarse grained gabbro. Unaltered. Hosts 5% quartz carboante viening in variable orientations TCA. Hosts two bands of pyrite at low angle TCA between 179.15-179.25m, and 179.88-180.00m. Strongly magnetic. Moderate hardness. Gradational lower contact as ankerite alterations appears and gets strongers below 186m.
186.00	191.48	GBRO	GAB	Brown and dark grey fine to medium grained mafic intrusive gabbro. Strong pervasive ankerite alteration. Unit is strongly oxidized. Hosts 25% quartz chlorite breccia veining with minor pyrite. Hosts 2-3% fine grained vein hosted pyrite. Unit is party sampled, samples will be added. Lower contact with broken core/fault zone sharp. Veining at variable angles to core axis: 25, 40, 60 and 80 degrees TCA, all mineralogically similar. Non magnetic. Moderate to moderately easy to scratch.
191.48	191.63	GBRO	FTZ	Broken ground core, possibly a fault.
191.63	197.08	GBRO	GAB	Gabbro dyke swarm. Brown and dark grey fine to medium grained mafic intrusive gabbro. Strong pervasive ankerite alteration. Unit is strongly oxidized. Cut by several pink fine grained felsic intrusives, irregular shapes and orientations 2-15cm wide. Gabbro hosts minor dissemantied pyrite mineralisation. Hosts 2-5% local quartz +- cabonate veinlets occasionally with pyrite. Lower contact gradational between 196.5-107.08m as alteration gradually decreases. Patchy strong magnetism. Hard to scratch. Inert to HCl.

197.08	219.27	GBRO	GAB	Grey to dark grey medium to coarse grained occasionally plagioclase phenocrystic unaltered gabbro. Hosts few calcite stingers throughout. Occasional chlorite filled fractures. Moderate hardness. Strongly magnetic. Occasional patches of oxidation. Below 218m unit is slightly sheared with deformed foliated irregular quartz carboante fragments, hosts increased quartz veining, still lacks mineralisation, presence of weak sericite ankerite alteration. Unit has sharp lower contact with porphyry.
219.27	220.43	GBRO	QFP	Sericite altered brecciated quartz porphyry. Greyish green to yellow with brown oxidized patches in fine grained felsic intrusive with few quartz phenocrysts. Unit is brecciated near upper contact hosting gabbro fragments for first 10cm of unit. Unit is cut by chlorite microfractures below 220m. Unit hosts 10% grey smokey quartz ankerite chlorite veining irregular shapes, generally around 60 degrees TCA. Sharp lower contact at 65 degrees TCA with gabbro. Non magnetic, hard to scatch.
220.43	221.55	GBRO	GAB	Dark grey medium to coarse grained massive gabbro. Hosts 3% quartz ankerite chlorite veining. Void of mineralisation. Weakly magnetic. Moderately easy to scatch. Sharp upper and lower contacts at 65 and 50 degrees TCA respectively.
221.55	222.00	GBRO	QFP	Pinkish orange strongly silicified feldspar porphyry. Cut by quartz carbonate stringers at 50 degrees TCA, that are crosscut by grey quartz calcite veinlets. Unit has section of blocky broken core between 221.69-220.80, no gouge. Lacks pyrite within unit. Lower contact hornfels texture with 5% pyrite in hornfels'd section.
222.00	230.70	GBRO	GAB	Ankerite altered gabbro. Dark grey and brown medium to coarse grained gabbro. Hosts minor quartz carbonate veining 1-5% locally at 20 and 50 degrees TCA. Hosts weak interstitial ankerite alteration, alteration intensifies downhole. Unit is moderately hard. Moderate to strong magnetism, less altered sections are more strongly magnetic than less altered sections. Lower contact irregular and gradational, few irregular fragments of dyke in lower 30cm of gabbro, contact is irregular deformed shape. Unit hosts minor disseminated pyrite.
230.70	233.35	GBRO	QFP	Silicified Feldspar porphyry. Pinkish grey, brown and orange, fine grained felsic dyke with few feldspar phenocrysts. Unit is prevasively silicified. Hosts bleached halos around select quartz carbonate veinlets. Unit is cut by three generations of fracturing/veining. The oldest set (I) early chlorite filling microfractures in stockwork orientation, 0.5-2mm wide occurring 50+ times per meter. Intermediate generation (II) brown oxidized ankerite veining 1-2mm wide, occurring at 10 and 40 degrees TCA, 5-10 per meter. The youngest set (III) smokey white quartz veining +- ankerite margins, +- bleached halo around the veinlets, 2-8mm wide occurring at 60 degrees TCA, occurring 3-6 times per meter. (III) is observed crosscutting (I) and (II). (II) is observed crosscutting (I). Unit has sharp brecciated lower contact with ankerite stained gabbro at 75 degrees TCA, few gabbroic fragments in lowest 5cm of dyke. Phenocrysts are .5-1mm across, subhedral, white to pinkish specs, making up 5-10% of unit. Unit is very hard to scatch. Non magnetic. Completely inert to HCl.
233.35	237.60	GBRO	GAB	Light and dark grey medium to coarse grained gabbro. Unaltered. Party oxidized (brown staining). Hosts minor laminated quartz carbonate veining until 234.28m. Hosts minor pyrite throughout. Hard to scratch. Moderate to strongly magnetic in patches throughout. Sharp lower contact with feldspar porphyry dyke at 25 degrees TCA.
237.60	238.75	GBRO	QFP	Silicified Feldspar porphyry. Pinkish grey, brown and orange, fine grained felsic dyke with few feldspar phenocrysts. Unit is prevasively silicified. Hosts bleached halos around select quartz carbonate veinlets. Unit is cut by three generations of fracturing/veining. The oldest set (I) early chlorite filling microfractures in stockwork orientation, 0.5-2mm wide occurring 50+ times per meter. Intermediate generation (II) brown oxidized ankerite veining 1-2mm wide, occurring at 10 and 40 degrees TCA, 5-10 per meter. The youngest set (III) smokey white quartz veining +- ankerite margins, +- bleached halo around the veinlets, 2-20mm wide occurring at 60 degrees TCA, occurring 3-6 times per meter. (III) is observed crosscutting (I) and (II). (II) is observed crosscutting (I). Unit has sharp irregular shaped lower contact with gabbro at 60 degrees TCA, few gabbroic fragments in lowest 5cm of dyke. Phenocrysts are .5-1mm across, subhedral, white to pinkish specs, making up 5-10% of unit. Unit is very hard to scatch. Non magnetic. Completely inert to HCl.
238.75	240.90	GBRO	GAB	Light and dark grey medium to coarse grained gabbro. Unaltered. Party oxidized (brown staining). Hosts minor quartz carbonate veining. Hosts minor pyrite throughout. Hard to scratch. Moderate to strongly magnetic in patches throughout. Sharp lower contact with feldspar porphyry dyke at 50 degrees TCA.
240.90	241.62	GBRO	QFP	Silicified Feldspar porphyry. Pinkish grey, brown and orange, fine grained felsic dyke with few feldspar phenocrysts. Unit is prevasively silicified. Hosts bleached halos around select quartz carbonate veinlets. Unit is cut by three generations of fracturing/veining. The oldest set (I) early chlorite filling microfractures in stockwork orientation, 0.5-2mm wide occurring 50+ times per meter. Intermediate generation (II) brown oxidized ankerite veining 1-2mm wide, occurring at 10 and 40 degrees TCA, 5-10 per meter. The youngest set (III) smokey white quartz breccia veining +- ankerite margins, +- bleached halo around the veinlets, 5-50mm wide occurring at 60 degrees TCA, occurring 3-6 times per meter. (III) is observed crosscutting (I) and (II). (II) is observed crosscutting (I). Unit has sharp lower contact with gabbro at 50 degrees TCA, few gabbroic fragments in lowest 5cm of dyke. Phenocrysts are .5-1mm across, subhedral, white to pinkish specs, making up 5-10% of unit. Unit is very hard to scatch. Non magnetic. Completely inert to HCl.
241.62	244.65	GBRO	GAB	Light and dark grey medium to coarse grained gabbro. Unaltered. Party oxidized (brown staining). Hosts minor quartz carbonate veining. Hosts minor pyrite throughout. Hard to scratch. Moderate to strongly magnetic in patches throughout. Sharp lower contact with feldspar porphyry dyke at 65 degrees TCA. Existing sample taken across lower contact.
244.65	247.10	GBRO	QFP	Silicified Feldspar porphyry. Pinkish grey, brown and orange, fine grained felsic dyke with few feldspar phenocrysts. Unit is prevasively silicified. Hosts bleached halos around select quartz carbonate veinlets. Unit is cut by three generations of fracturing/veining. The oldest set (I) early chlorite filling microfractures in stockwork orientation, 0.5-2mm wide occurring 50+ times per meter. Intermediate generation (II) brown oxidized ankerite veining 1-2mm wide, occurring at 10 and 40 degrees TCA, 5-10 per meter. The youngest set (III) smokey white quartz breccia veining +- ankerite margins, +- bleached halo around the veinlets, 5-50mm wide occurring at 60 degrees TCA, occurring 3-6 times per meter. (III) is observed crosscutting (I) and (II). (II) is observed crosscutting (I). Unit has more biotite than the other similar intrusions. Irregular shaped lower contact at 10-20 degrees TCA. Unit hosts 1-2% pyrite found primarily in youngest vein set, but also disseminated. Non magnetic. Very hard to scratch.
247.10	261.00	GBRO	GAB	Brown, and dark grey to black, partly oxidized coarse grained phaneritic gabbro. Hosts minor quartz calcite chlorite veining 1veinlet/3meters. Lacks mineralisation. Moderate hardness. Strongly magnetic. Sections of browner material near ends of box, are oxidized due to sun exposure. Hole ends in this unit.
261.00	261.00		EOH	End of hole

**CP-07-08**

**Integrated 2019 Gold Resampling**

Assay Certificates:

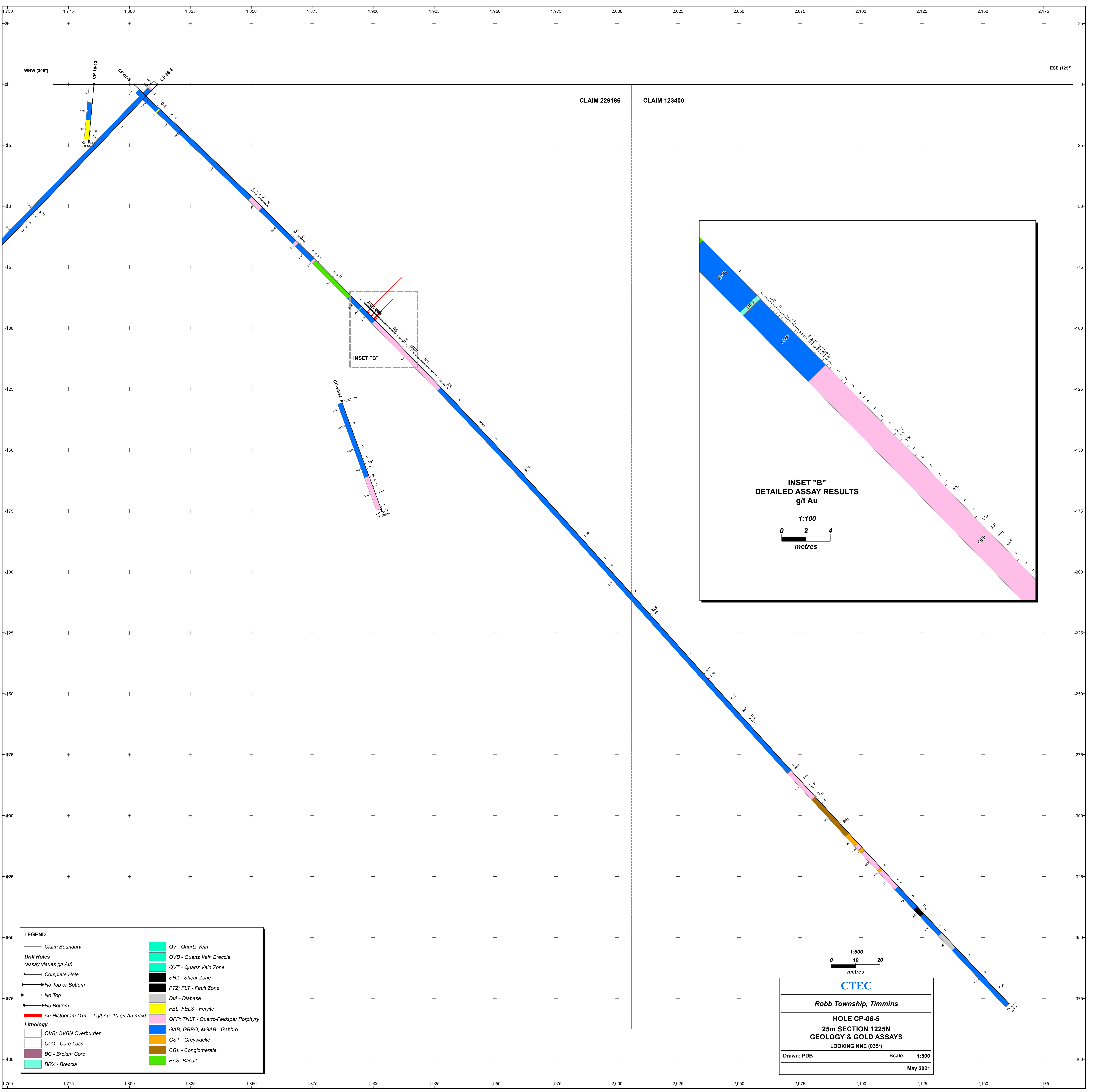
A19-14629	859821 to 859911
A19-15521	859912 to 859993

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
36.06	36.29	0.23	51600					0.00
41.15	41.30	0.15	51601					0.00
69.00	69.66	0.66	859821	1	0			<0.005
69.66	70.34	0.68	859822	4	0			0.156
70.38	70.70	0.32	84915					0.00
70.66	71.00	0.34	859825	10	0.5			0.005
71.00	71.80	0.80	859826	2	0.5			0.005
71.80	72.20	0.40	859827	5	0.5			0.005
71.80	72.75	0.95	859829	20	2			0.006
72.20	72.41	0.21	84916					0.00
72.75	73.05	0.30	84917					0.00
73.05	73.40	0.35	859830	40	3			0.011
73.40	73.60	0.20	84918					0.03
73.60	73.75	0.15	51602					0.16
73.75	74.50	0.75	859831	5	1			0.005
74.50	75.40	0.90	859832	4	0.5			0.007
75.40	76.00	0.60	859833	5	0.5			0.005
76.00	76.97	0.97	859834	8	0.5			0.034
76.97	77.25	0.28	84919					0.00
77.25	78.00	0.75	859835	3	0.5			<0.005
78.00	79.00	1.00	859836	2	0.5			<0.005
79.00	79.48	0.48	859837	0	0.5		broken core	0.011
79.48	80.00	0.52	859838	1	0.5			0.01
80.00	80.80	0.80	859839	3	0.7			<0.005
80.80	81.00	0.20	84920					0.00
81.00	81.48	0.48	859840	8	1			0.029
81.48	82.00	0.52	859841	2	0			<0.005
82.00	82.73	0.73	859842	5	0.7			<0.005
82.73	82.92	0.19	84921					0.00
82.92	83.30	0.38	859843	10	1			0.105
83.30	84.00	0.70	859844	1	0.5			<0.005
84.00	85.00	1.00	859845	1	0.5			0.005
85.00	85.62	0.62	859846	0	0.5			<0.005
85.62	85.86	0.24	84922					0.00
85.86	87.00	1.14	859847	1	0.5			<0.005
87.00	88.00	1.00	859848	0	0.5			<0.005
88.00	89.50	1.50	859849	0	0.5			<0.005
89.50	90.50	1.00	859850	0	0.5			0.005
90.50	91.10	0.60	859901	0	0.5		series change	<0.005
91.10	91.42	0.32	51603					0.00
91.42	92.00	0.58	859902	3	0.7		granitic xenolith	<0.005
92.00	93.00	1.00	859904	3	0.5			<0.005
93.00	93.40	0.40	859905	3	1			<0.005
93.40	93.70	0.30	859906	3	2			<0.005
93.70	94.55	0.85	859907	4	0.5			<0.005
93.70	95.30	1.60	859909	8	0.5			<0.005
95.30	96.00	0.70	859910	2	0.5			0.005
96.00	97.00	1.00	859911	1	0.5			0.009
110.00	111.00	1.00	859912	5	1			< 0.005
111.00	112.00	1.00	859913	2	1			0.005
112.00	113.00	1.00	859914	4	2			< 0.005
113.00	114.00	1.00	859915	6	2			0.006
114.00	114.53	0.53	859916	3	1			0.005
114.53	114.78	0.25	51604					0.00
114.78	116.00	1.22	859917	3	2			< 0.005
116.00	117.00	1.00	859918	4	1			0.006

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
117.00	118.50	1.50	859919	3	1			< 0.005
118.50	120.00	1.50	859920	4	1			0.006
120.00	121.50	1.50	859921	1	1			0.006
121.50	123.00	1.50	859922	2	1			0.005
123.00	124.00	1.00	859923	5	0.5			< 0.005
124.00	125.00	1.00	859924	2	0.5			< 0.005
125.00	126.00	1.00	859925	4	0.5			< 0.005
126.00	127.00	1.00	859926	2	0.5			0.006
127.00	128.00	1.00	859927	4	0.5			< 0.005
138.12	138.33	0.21	51605					0.00
148.74	148.96	0.22	84923					0.00
158.00	159.00	1.00	859928	3	0.5			< 0.005
159.00	159.80	0.80	859929	1	0.5			< 0.005
159.80	160.16	0.36	859930	0	0.5			< 0.005
159.00	160.27	1.27	859931	70	2			0.021
160.27	160.55	0.28	84924					0.00
160.55	160.67	0.12	859932	95	2			0.227
160.55	161.45	0.90	859934	0	0.5			< 0.005
161.45	161.60	0.15	859935	95	1			< 0.005
161.60	161.82	0.22	84925					0.00
161.82	162.50	0.68	859936	2	0.8			0.286
162.50	163.62	1.12	859937	1	0.5			< 0.005
166.40	166.70	0.30	84926					0.00
174.00	174.85	0.85	859939	0	0			< 0.005
174.85	175.47	0.62	859940	2	0			< 0.005
175.47	176.28	0.81	859941	8	1			< 0.005
176.28	176.58	0.30	51607					0.00
176.58	176.98	0.40	859942	6	1			< 0.005
176.98	178.00	1.02	859943	1	0.5			< 0.005
178.00	179.15	1.15	859944	5	0.5			0.009
179.15	179.37	0.22	51606					0.00
179.37	179.88	0.51	859945	8	0.5			< 0.005
179.85	180.00	0.15	84927					0.03
181.00	181.23	0.23	84928					0.00
186.00	187.00	1.00	859946	3	0.5			< 0.005
187.00	188.00	1.00	859947	3	0.5			< 0.005
188.00	188.63	0.63	859948	30	2			< 0.005
188.63	188.89	0.26	84929					0.00
188.89	189.79	0.90	859949	20	2			< 0.005
189.79	189.95	0.16	84930					0.00
189.95	190.21	0.26	859950	30	2			< 0.005
190.21	190.42	0.21	84931					0.00
190.42	190.75	0.33	84932					0.00
190.75	191.02	0.27	859951	10	2			< 0.005
191.02	191.35	0.33	51608					0.00
191.35	191.48	0.13	859952	1	1			0.015
191.48	191.63	0.15	859953	0	0		broken core	0.037
191.63	193.00	1.37	859954	3	1			0.006
193.00	194.00	1.00	859955	6	1			< 0.005
194.00	195.00	1.00	859956	8	1			< 0.005
195.00	196.17	1.17	859957	4	1			< 0.005
196.17	196.35	0.18	84933					0.0
196.35	197.08	0.73	859958	10	1			< 0.005
197.08	197.35	0.27	84934					0.00
204.00	205.48	1.48	859959	1	0.5			< 0.005
205.48	205.73	0.25	84935					0.13
205.78	206.54	0.76	859960	1	0.5			< 0.005
206.54	206.83	0.29	84936					0.00
206.83	207.00	0.17	84937					0.00
207.00	208.00	1.00	859961	10	0.5			0.028

FROM (m)	TO (m)	LENGTH (m)	SAMPLE ID	% veining	% py	Ore minerals	Notes	Assay Au g/mt
208.00	208.75	0.75	859962	3	0.5			0.005
218.22	218.44	0.22	84938					0.00
219.27	219.47	0.20	84939					0.00
219.47	219.72	0.25	859963	20	1			< 0.005
219.72	219.96	0.24	84940					0.00
219.96	220.43	0.47	859964	1	1			< 0.005
220.43	221.55	1.12	859965	5	0.5			< 0.005
221.55	222.00	0.45	859966	25	2			< 0.005
222.00	223.50	1.50	859967	4	0.5			< 0.005
222.00	225.00	3.00	859969	6	0.5			0.011
225.00	226.50	1.50	859970	2	0.5			0.006
226.50	227.68	1.18	859971	4	0.5			< 0.005
227.68	229.00	1.32	859972	2	0.5			0.006
227.68	227.90	0.22	51609					0.02
229.00	230.00	1.00	859974	0	0.5			0.005
230.00	230.70	0.70	859975	0	0.5			< 0.005
230.70	231.30	0.60	859976	8	1			< 0.005
231.30	231.64	0.34	84941					0.00
231.64	232.35	0.71	859977	3	1			< 0.005
232.35	233.35	1.00	859978	5	1			< 0.005
233.35	234.12	0.77	859979	7	0.5			< 0.005
234.12	234.28	0.16	51610					0.00
234.28	235.00	0.72	859980	1	0.5			0.005
235.00	236.50	1.50	859981	1	0.5			0.007
236.50	237.60	1.10	859982	1	0.5			< 0.005
237.60	238.75	1.15	859983	10	1			< 0.005
238.75	239.50	0.75	859984	6	0.5			< 0.005
239.50	240.90	1.40	859985	2	0.5			< 0.005
240.90	241.62	0.72	859986	30	1			< 0.005
241.62	243.00	1.38	859987	10	1			< 0.005
241.62	244.13	2.51	859989	3	0.5			< 0.005
244.13	244.37	0.24	84942					0.01
244.37	244.71	0.34	84943					0.00
244.71	246.00	1.29	859990	8	1			< 0.005
246.00	247.10	1.10	859991	9	1			< 0.005
247.10	248.00	0.90	859992	1	0.5			< 0.005
257.31	257.51	0.20	51611					0.04
STD 220			859823					0.846
SKIP			859824				SKIPPED SAMPLE	
BLANK			859828					<0.005
STD 623			859903					0.82
BLANK			859908		0.5			<0.005
STD 220			859933					0.806
BLANK			859938					< 0.005
STD 623			859968					0.776
BLANK			859973					< 0.005
STD 220			859988					0.797
			859993					< 0.005





WNW (305°)

CP-10-13

CP-06-5

CP-06-6

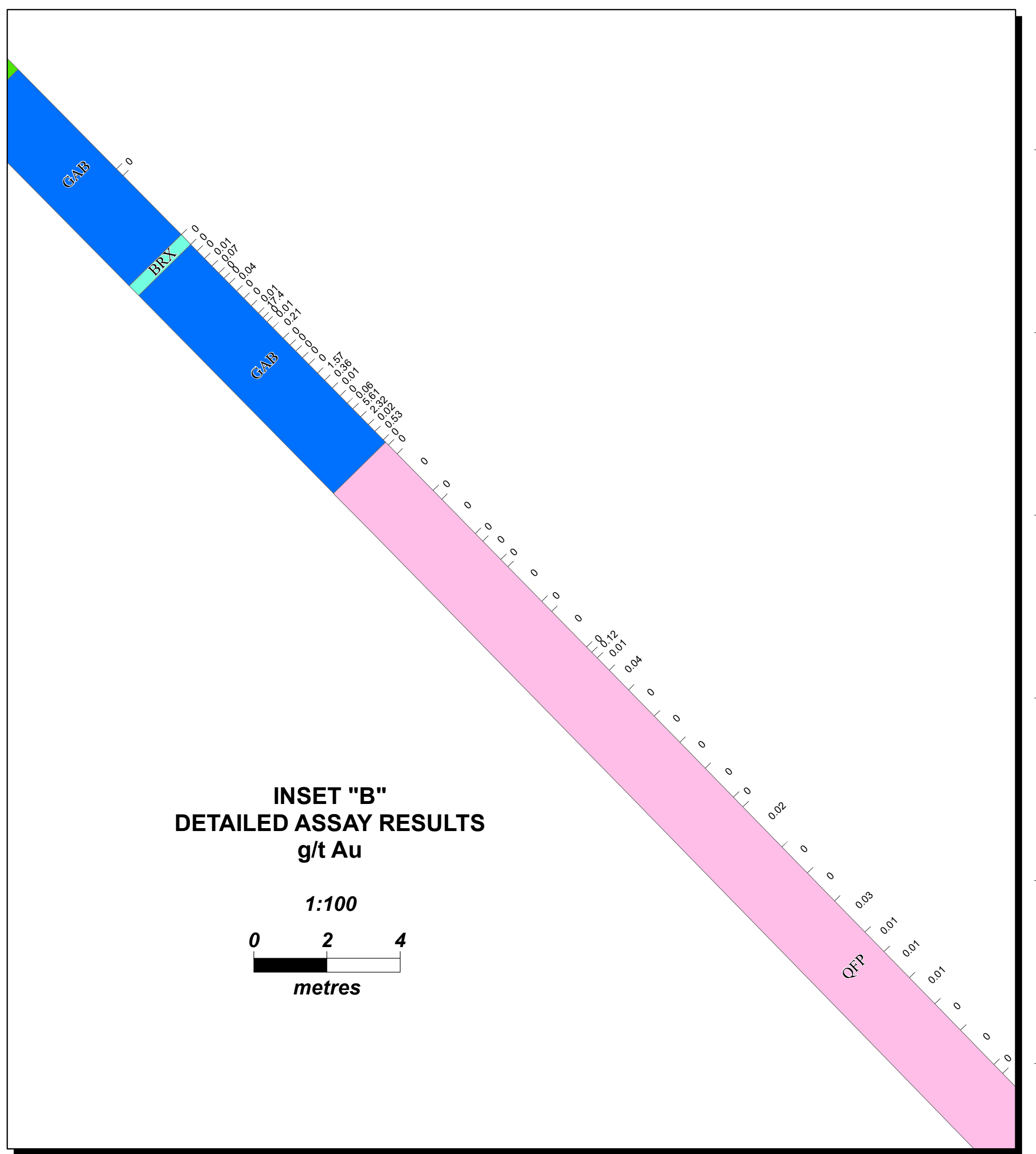
ESE (125°)

CLAIM 229186

CLAIM 123400

INSET "B"

CP-10-14



INSET "B"  
DETAILED ASSAY RESULTS  
g/t Au

1:100

0 2 4  
metres

**LEGEND**

--- Claim Boundary	QV - Quartz Vein
<b>Drill Holes</b> (assay values g/t Au)	QVB - Quartz Vein Breccia
● Complete Hole	QVZ - Quartz Vein Zone
→ No Top or Bottom	SHZ - Shear Zone
→ No Top	FTZ: FLT - Fault Zone
→ No Bottom	DIA - Diabase
■ Au Histogram (1m = 2 g/t Au, 10 g/t Au max)	FEL: FELS - Felsite
	QFP; TNLT - Quartz-Feldspar Porphyry
<b>Lithology</b>	GAB; GBRO; MGAB - Gabbro
□ OVB; OVBN Overburden	GST - Greywacke
□ CLO - Core Loss	CGL - Conglomerate
□ BC - Broken Core	BAS - Basalt
□ BRX - Breccia	

1:500

0 10 20  
metres

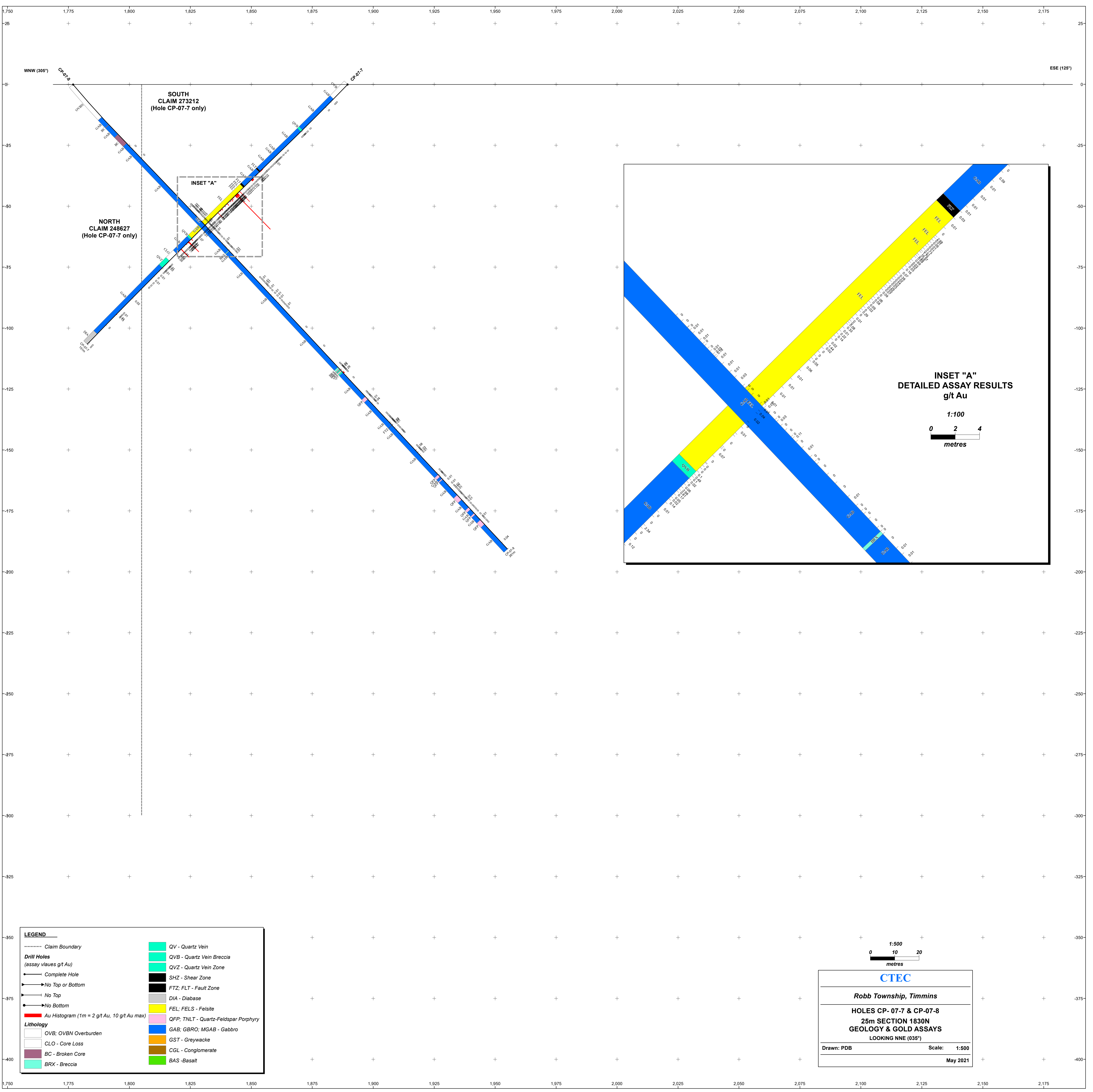
**CTEC**

Robb Township, Timmins

HOLE CP-06-5  
25m SECTION 1225N  
GEOLOGY & GOLD ASSAYS  
LOOKING NNE (035°)

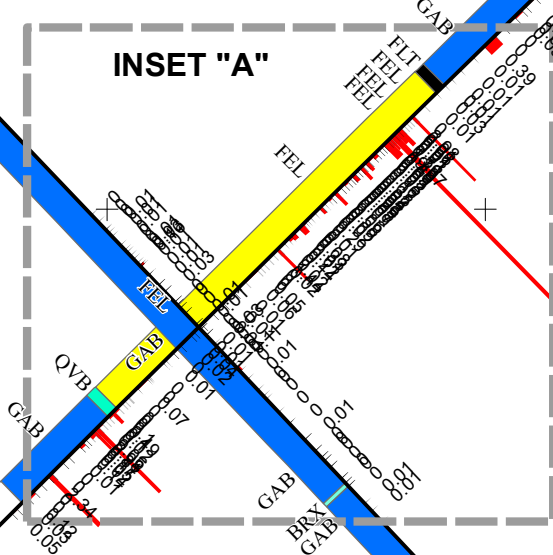
Drawn: PDB Scale: 1:500

May 2021



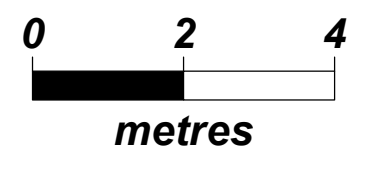
SOUTH CLAIM 273212 (Hole CP-07-7 only)

NORTH CLAIM 248627 (Hole CP-07-7 only)



INSET "A" DETAILED ASSAY RESULTS g/t Au

1:100



**LEGEND**

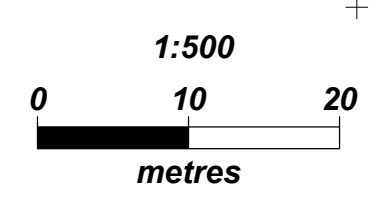
*Claim Boundary*

**Drill Holes**  
(assay values g/t Au)

- Complete Hole
- No Top or Bottom
- No Top
- No Bottom
- Au Histogram (1m = 2 g/t Au, 10 g/t Au max)

**Lithology**

- OVB, OVBN Overburden
- CLO - Core Loss
- BC - Broken Core
- BRX - Breccia
- QV - Quartz Vein
- QVB - Quartz Vein Breccia
- QVZ - Quartz Vein Zone
- SHZ - Shear Zone
- FTZ; FLT - Fault Zone
- DIA - Diabase
- FEL; FELS - Felsite
- QFP; TNLT - Quartz-Feldspar Porphyry
- GAB; GBRC; MGAB - Gabbro
- GST - Greywacke
- CGL - Conglomerate
- BAS - Basalt



**CTEC**

Robb Township, Timmins

HOLES CP-07-7 & CP-07-8

25m SECTION 1830N

GEOLOGY & GOLD ASSAYS

LOOKING NNE (035°)

Drawn: PDB Scale: 1:500

May 2021



Report No.: A19-15521
Report Date: 26-Nov-19
Date Submitted: 14-Nov-19
Your Reference: Four Corners (CP-07-08)

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

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

89 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (10g/m t) | QOP AA-Au (Au - Fire Assay AA) | 2019-11-26 07:13:58

REPORT A19-15521

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

Notes:

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

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, 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
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
859912	< 0.005
859913	0.005
859914	< 0.005
859915	0.006
859916	0.005
859917	< 0.005
859918	0.006
859919	< 0.005
859920	0.006
859921	0.006
859922	0.005
859923	< 0.005
859924	< 0.005
859925	< 0.005
859926	0.006
859927	< 0.005
859928	< 0.005
859929	< 0.005
859930	< 0.005
859931	0.021
859932	0.227
859933	0.806
859934	< 0.005
859935	< 0.005
859936	0.286
859937	< 0.005
859938	< 0.005
859939	< 0.005
859940	< 0.005
859941	< 0.005
859942	< 0.005
859943	< 0.005
859944	0.009
859945	< 0.005
859946	< 0.005
859947	< 0.005
859948	< 0.005
859949	< 0.005
859950	< 0.005
859951	< 0.005
859952	0.015
859953	0.037
859954	0.006
859955	< 0.005
859956	< 0.005
859957	< 0.005
859958	< 0.005
859959	< 0.005
859960	< 0.005
859961	0.028
859962	0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
859963	< 0.005
859964	< 0.005
859965	< 0.005
859966	< 0.005
859967	< 0.005
859968	0.776
859969	0.011
859970	0.006
859971	< 0.005
859972	0.006
859973	< 0.005
859974	0.005
859975	< 0.005
859976	< 0.005
859977	< 0.005
859978	< 0.005
859979	< 0.005
859980	0.005
859981	0.007
859982	< 0.005
859983	< 0.005
859984	< 0.005
859985	< 0.005
859986	< 0.005
859987	< 0.005
859988	0.797
859989	< 0.005
859990	< 0.005
859991	< 0.005
859992	< 0.005
859993	< 0.005
859994	0.005
859995	0.006
859996	0.005
859997	0.798
859998	0.007
859999	< 0.005
860000	0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2.66
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.49
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.47
OREAS 254 Fire Assay Cert	2.55
OREAS 217 (Fire Assay) Meas	0.323
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.319
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.318
OREAS 217 (Fire Assay) Cert	0.338
859921 Orig	0.007
859921 Dup	0.005
859931 Orig	0.024
859931 Dup	0.018
859941 Orig	< 0.005
859941 Dup	< 0.005
859956 Orig	< 0.005
859956 Dup	< 0.005
859961 Orig	0.028
859961 Split PREP DUP	0.027
859965 Orig	< 0.005
859965 Dup	< 0.005
859975 Orig	< 0.005
859975 Dup	< 0.005
859990 Orig	< 0.005
859990 Dup	< 0.005
860000 Orig	0.005
860000 Dup	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



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

Report No.: A19-15847  
Report Date: 03-Dec-19  
Date Submitted: 21-Nov-19  
Your Reference: Four Corners (CP 06-05)

ATTN: Peter Gryba

### CERTIFICATE OF ANALYSIS

65 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2019-11-30 12:45:55

REPORT **A19-15847**

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Notes:

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

CERTIFIED BY:

Emmanuel Esemé , 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
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
777201	< 0.005
777202	< 0.005
777203	0.008
777204	0.005
777205	< 0.005
777206	< 0.005
777207	< 0.005
777208	0.056
777209	< 0.005
777210	< 0.005
777211	< 0.005
777212	< 0.005
777213	< 0.005
777214	< 0.005
777215	< 0.005
777216	< 0.005
777217	< 0.005
777218	< 0.005
777219	< 0.005
777220	< 0.005
777221	< 0.005
777222	< 0.005
777223	< 0.005
777224	< 0.005
777225	0.118
777226	0.044
777227	< 0.005
777228	< 0.005
777229	< 0.005
777230	< 0.005
777231	0.016
777232	0.819
777233	0.016
777234	< 0.005
777235	< 0.005
777236	0.025
777237	0.005
777238	0.008
777239	0.005
777240	0.007
777241	< 0.005
777242	< 0.005
777243	< 0.005
777244	0.093
777245	0.029
777246	< 0.005
777247	< 0.005
777248	< 0.005
777249	< 0.005
777250	< 0.005
777251	< 0.005



Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
777252	< 0.005
777253	< 0.005
777254	< 0.005
777255	< 0.005
777256	0.005
777257	0.009
777258	< 0.005
777259	< 0.005
777260	< 0.005
777261	< 0.005
777262	< 0.005
777263	0.007
777264	0.005
777265	< 0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2.52
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.58
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.61
OREAS 254 Fire Assay Cert	2.55
OREAS 217 (Fire Assay) Meas	0.349
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.337
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.335
OREAS 217 (Fire Assay) Cert	0.338
777210 Orig	< 0.005
777210 Dup	< 0.005
777220 Orig	< 0.005
777220 Dup	< 0.005
777230 Orig	< 0.005
777230 Dup	0.008
777245 Orig	0.031
777245 Dup	0.027
777250 Orig	< 0.005
777250 Split PREP DUP	0.008
777254 Orig	0.006
777254 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A19-14034
Report Date: 25-Oct-19
Date Submitted: 17-Oct-19
Your Reference: Four Corners (CP-07-07)

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

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

72 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (10g/m t) | QOP AA-Au (Au - Fire Assay AA) | 2019-10-25 11:04:49

REPORT A19-14034

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Notes:

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

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, 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
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
859740	< 0.005
859741	< 0.005
859742	< 0.005
859743	< 0.005
859744	< 0.005
859745	< 0.005
859746	< 0.005
859747	< 0.005
859748	< 0.005
859749	< 0.005
859750	< 0.005
859751	< 0.005
859752	< 0.005
859753	< 0.005
859754	< 0.005
859755	< 0.005
859756	< 0.005
859757	< 0.005
859758	0.006
859759	< 0.005
859760	< 0.005
859761	< 0.005
859762	0.896
859763	< 0.005
859764	< 0.005
859765	< 0.005
859766	< 0.005
859767	< 0.005
859768	0.151
859769	0.117
859770	0.040
859771	0.031
859772	0.089
859773	< 0.005
859774	< 0.005
859775	0.392
859776	0.005
859777	0.010
859778	0.009
859779	0.006
859780	0.032
859781	0.005
859782	< 0.005
859783	0.061
859784	0.005
859785	0.008
859786	0.005
859787	0.005
859788	0.839
859789	0.006
859790	0.017

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
859791	< 0.005
859792	0.007
859793	< 0.005
859794	< 0.005
859795	0.068
859796	< 0.005
859797	0.140
859798	0.010
859799	< 0.005
859800	< 0.005
859801	2.34
859802	< 0.005
859803	< 0.005
859804	0.117
859805	< 0.005
859806	0.009
859807	0.034
859808	< 0.005
859809	< 0.005
859810	0.007
859811	< 0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2.54
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.53
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.60
OREAS 254 Fire Assay Cert	2.55
OREAS 217 (Fire Assay) Meas	0.345
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.347
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.336
OREAS 217 (Fire Assay) Cert	0.338
859749 Orig	< 0.005
859749 Dup	< 0.005
859759 Orig	< 0.005
859759 Dup	< 0.005
859769 Orig	0.119
859769 Dup	0.116
859784 Orig	0.005
859784 Dup	0.005
859789 Orig	0.006
859789 Split PREP DUP	0.006
859793 Orig	< 0.005
859793 Dup	< 0.005
859803 Orig	< 0.005
859803 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A19-14629
Report Date: 06-Nov-19
Date Submitted: 28-Oct-19
Your Reference: Four Corners (CP-0708)

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

ATTN: Peter Gryba

CERTIFICATE OF ANALYSIS

49 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (10g/m t) | QOP AA-Au (Au - Fire Assay AA) | 2019-11-06 14:51:01

REPORT A19-14629

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

Notes:

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

CERTIFIED BY:

[Handwritten signature]

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
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
859812	0.005
859813	< 0.005
859814	0.005
859815	< 0.005
859816	< 0.005
859817	< 0.005
859818	0.005
859819	< 0.005
859820	0.009
859821	< 0.005
859822	0.156
859823	0.846
859825	0.005
859826	0.005
859827	0.005
859828	< 0.005
859829	0.006
859830	0.011
859831	0.005
859832	0.007
859833	0.005
859834	0.026
859835	< 0.005
859836	< 0.005
859837	0.011
859838	0.010
859839	< 0.005
859840	0.029
859841	< 0.005
859842	< 0.005
859843	0.105
859844	< 0.005
859845	0.005
859846	< 0.005
859847	< 0.005
859848	< 0.005
859849	< 0.005
859850	0.005
859901	< 0.005
859902	< 0.005
859903	0.820
859904	< 0.005
859905	< 0.005
859906	< 0.005
859907	< 0.005
859908	< 0.005
859909	< 0.005
859910	0.005
859911	0.009



Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2.45
OREAS 254 Fire Assay Cert	2.55
OREAS 254 Fire Assay Meas	2.43
OREAS 254 Fire Assay Cert	2.55
OREAS 217 (Fire Assay) Meas	0.330
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.330
OREAS 217 (Fire Assay) Cert	0.338
859821 Orig	< 0.005
859821 Dup	< 0.005
859832 Orig	0.007
859832 Dup	0.006
859842 Orig	0.005
859842 Dup	< 0.005
859907 Orig	< 0.005
859907 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

## Legend and Rock Description

(Highway Gold 2007 Drilling)

### Rock Units:

- Aplite Pale olive, <1 mm grained felsic dikes, with very similar haloes (QK?-alteration) but some sphene or leucoxene still visible in haloes.
- B Basalt, gray to melanocratic dark gray.
- FG Fine- to very fine-grained gabbro, usually dark gray with black specks well visible on dry core. These are ilmenite (il), subhedral, 0.5 to 1 mm, <15% disseminated, or with
- FGil magnetic ilmenite likely due to intergrowth or exsolution of magnetite (mil), or
- mFGil octahedrally laminated magnetite-ilmenite, which shows when altered.
- FGsn When ilmenite near aplite or faults is altered to sphene (sn),
- FGlx or to pale-buff leucoxene (lx) of same habit visible on wet core.
- G Medium-grained gray gabbro, here with gray plagioclase.

### Structure:

- 350/70 Strike azimuth and right-hand dip.
- F30 Fault at 30 degrees to core axis (CA), evidenced by shear, broken core, or some gouge. FZ is wider fault zone.
- FZ
- QK Quartz-microcline? (with ankerite?) as thick vein (QKV), or stockwork, or ubiquitous alteration.
- qcv Veins of quartz-calcite, or QV if >15cm thick.
- W Water seam, as reported by drillers, or at limonite alteration.

### Main values plotted:

Au in g/t, over meters, e.g. 2.57Au / 2.79

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LOG of DDH CP-07-7

4-Corners Grid (L2000E is 35 az, Mag decl. 11 W, L1850N is 125°az) Page 1 of 9

Grid Location (m): L 1844 N - 1880 E

Map: G-3986 Township: JAMIESON Claims: 3010918 - 100%

UTM NAD 83 - Elevation 1 m above CP-07-8

17U 0456427E - 5377090N

DDH Direction (azimuth) / Dip (plunge): 306/46 degrees

Hole Length: 151 m Core Diameter: NQ - 47 mm

Casing Length: 12 m (5 cored) Overburden Thickness: 5 m (clayey sand outcrop)

Casing left in hole and capped, marked by wood post.

Other: Had water return to end.

Core stored in 35 trays at: 6076 King St, Porcupine, Ont.

Drilling Started: 30 JUL 2007 Finished: 03 AUG 2007

Drilled by MW Diamond Drilling, Porcupine.

Set-up checked by: DAXL Hole stopped by: DAXL

Logged by: H. Daxl, M.Sc.

Submitted and Signed: *[Signature]* 14 Feb. 2008

Dip-Acid Tests:

37m 44°  
100m 45°

Trace:

107 m horiz.  
106 m vertical

Samples (Continuous sawed half core):

51501 - 516, 51518 - 530, 51532 - 546, 51548 - 564,  
51581 - 591, 51593 - 599, 84876 - 886, 84888 - 906.

Groundwater:

Seams at 50.50 - 52.90, 59.50 - 60.10, 62.32 m

Highlights:

From m	length m	Au g/t	
55.00	0.93	0.52	
59.48	0.52	0.18	
62.32	2.79	2.57	Gabbro wallrock and previous aplite margin.
65.11	9.71	0.10	Aplite dike excluding previous aplite in margins.
74.82	0.21	1.22	Xenolith of previous aplite in aplite dike margin.
89.81	0.89	0.21	Uphole side of aplite dike.
91.63	0.84	1.28	Across downhole fault contact of aplite dike.

Legend:

- H Mohs' hardness, as measure of alteration.
- M5 Magnetic like magnetite, M0 = nonmagnetic.
- CA Degrees to core axis.
- fizz Reaction to cold 10% HCl.
- RQD % core length longer than 2.5 x diam, > 12cm.

Analyses

BCD (2nd,3rd,4th 250g pulp), E (Expert Lab), G (Gravimetric),  
N (Neutron activation), T (near-Total ICP), W (fusion, majors + 45).  
Swastika Lab, Expert Lab, Actlabs (for NTW), ALS Chemex.

FROM - - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %					30g F.A. - g/t			OTHERS -% -g/t	
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au		
0 - - 8.50	OVERBURDEN Clayey sand. Cored various pebbles to boulders below 7m. casing to 12 m.													
8.50 - - 12.00	SHEARED GABBRO - mt il Same gabbro as below but well sheared 17 CA and calcite leached out. Vugs but no fizz. Top 50 cm weathered Kali. No veins. H=3. Moderately magnetic with some magnetite-ilmenite as below. RQD 25%. Else barren.													
12.00 - - 23.60	GABBRO - mt il (=octah. lam.) Medium-gray, diffusely medium- grained, massive, <1% quartz-veins appear downhole, H=5. 2-5% magnetite-ilmenite as per octahedral lamination and alteration to sphene downhole. Mostly as < 7mm loose clusters. Moderate fizz throughout. RQD 90-95% downhole. Barren.													
	51581 Homogeneous for whole rock analysis "mt il" conducts well in certain grain directions. Note: Such octahedral lamination was not encountered in CP-06-1 to 6, only hemo-ilmenite.	51581	13.00 - 13.25	0.25								0		

FROM - - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %					30g F.A. - g/t			OTHERS -% -g/t	
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au		
23.60 - -28.10	GABBRO - LEUCOXENE													
Glx	Same gabbro but ilmenite altered to leucoxene. Minor local shear along core. Nonmagnetic, minor fiss, RQD 50% near vein. Barren.													
QKV	26.40 - 27.30 Quartz - microcline? chlorite vein 20 CA, Kspas pinkish and weathers olive with much fiss. 84876 typical. 3% < 1 cm such veins nearby.	51593	26.40 - 26.70	0.30						0.02				
		84876	27.00 - 27.26	0.26						0				
28.10 - -38.50	GABBRO - mt il													
mtG il -lx	Same gabbro. Massive. Strongly to weakly magnetic down-hole as magnetite-ilmenite alters to leucoxene being visible as triangular pattern. Minor fiss. RQD 98%. Else barren.													
38.50 - -50.00	GABBRO - LEUCOXENE - KQ STOCKWORK													
Glx KQ stock work	Same gabbro but nonmagnetic as ilmenite is mostly leucoxene with triangular lamination still visible. 25% microcline? - quartz stockwork only sometimes as parallel veins 20-30 CA. No fiss. RQD 65%. Barren.	84877	40.96 - 41.23	0.27						0				
		84878	43.00 - 43.37	0.37						0				
		84879	48.87 - 49.18	0.31						0				

FROM - - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %					30g F.A. - g/t			OTHERS -% -g/t
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au	
F3	42.00 FAULT 3 CA, 1 cm cream gouge.												
50.00 - -64.58	GABRO - LEUCOXENE TO KQ ALTERED												
	Stockwork changed to 5-10% < 5 cm barren milky quartz veins 30-40 CA and quite parallel. Gradual pervasive pale-olive microcline-quartz alteration obliterates leucoxene down-hole, probably is a halo from downhole.	84880	52.00 - 52.36	0.36						0			
Glxqv to KQ		51501	54.20 - 54.60	0.40						E 0.01	E 0.01		
		51502	54.60 - 55.00	0.40						E 0			
		51503	55.00 - 55.31	0.31						E 0	B 0.25		
		51504	55.31 - 55.76	0.45						E 0.51	C 1.00	B 0.73	0.67 0.52 g/t Au / 0.93 m
		84881	55.76 - 55.93	0.17						0.58	E 0.63		
	Nonmagnetic, no fizz, RRD 75-90% but less when fault. H=5-6.	51505	55.93 - 56.30	0.37						E 0	B 0.01		
		51506	56.30 - 56.70	0.40						E 0	B 0.01		
		51507	56.70 - 56.90	0.20						E 0	B 0.01		
	Very local < 7mm pyrite cubes as few disseminations or as jagged cube veins	51508	56.90 - 57.27	0.37						E 0	B 0.01		
	45-60 CA cross-cut by milky quartz veins subvertical to them. Gold correlates with pyrite (like in previous zones drilled CP-06-1 to 6). Such cube veins occur in CP-06-5 and also correlate with gold.	51509	57.27 - 57.64	0.37						E 0	B 0.03		
	7% pyrite in 51529, but much less in the few other samples with gold values.	51510	57.64 - 58.00	0.36						E 0	B 0.01		
		51511	58.00 - 58.39	0.39						E 0.01	B 0.02		
		51512	58.39 - 58.83	0.44						E 0	B 0.01		
		51513	58.83 - 59.21	0.38						E 0	E 0		Wt 51513 Whole Rock Fusion
		51514	59.21 - 59.48	0.27						E 0			SiO <sub>2</sub> 39.43 LOI 17.85
		51515	59.48 - 60.00	0.52						E 0.07	B 0.27		Al <sub>2</sub> O <sub>3</sub> 10.30 K <sub>2</sub> O 2.99
		51516	60.00 - 60.14	0.14						E 0			Fe <sub>2</sub> O <sub>3</sub> 12.71 CaO 8.02
		84882	60.14 - 60.38	0.24						0			MgO 5.61 Na <sub>2</sub> O 0.24
	54.20 - 76.87 CONTINUOUS SAMPLES, fitted except 55.10 broken, 59.70 fault, 70.00 broken, 75.20, 76.87 broken all continuous sawed.	51518	60.38 - 60.70	0.32						E 0			J <sub>2</sub> O <sub>2</sub> 1.59 V 0.03
	Else all fitted.	51519	60.70 - 61.00	0.30						E 0			
		84883	61.00 - 61.39	0.39						0			
		51520	61.39 - 61.77	0.38						E 0			
		51521	61.77 - 62.14	0.37						E 0			
	Pyrite cubes often have a < 0.3 mm selvage of dark quartz. Cube veins are therefore not conductive although the pyrite is.	51522	62.14 - 62.32	0.18						E 0			



CLAIM POST RESOURCES INC., Kamiskotia Project, LOG of DDH CP-07-7 Page 6

FROM - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %g/t					30g F.A. - g/t			OTHERS - % - g/t	
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au		
	Gold with chalcopyrite in quartz-vein as in hole CP-06-6 would be a fourth system encountered in the 8 holes drilled so far.	84891	69.46 - 69.71	0.25			N 0			0.58	N 0.53			
		51546	69.71 - 70.00	0.29			N 0			N 0				
		51548	70.00 - 70.27	0.27	N 0	T 0	T 0	T 0.7	T 0.2	N 0.09	N 0.12	W*	N, T	Al 2.93 T K 2.09 T
		51549	70.27 - 70.60	0.33			N 0			N 0.02				Fe 2.35 N Na 1.50 N
		51550	70.60 - 70.88	0.28			N 0			N 0				Mg 0.38 T Ca 1.83 T
	See PHOTO OF CORE 61.00 - 73.70 and detail of sample 51529. See also part of 51528 showing pyrite vein cut by quartz-vein, and 51581 showing magnetite-ilmenite, which has octahedral laminations more visible where altered to sphene or leucosene.	51551	70.88 - 71.09	0.21			N 0			N 0.29	B 0.33			
		51552	71.09 - 71.51	0.42			N 0.01			N 0	B 0			
		51553	71.51 - 71.93	0.42			N 0			N 0.01	B 0.01			
		84892	71.93 - 72.20	0.27						0				
		51534	72.20 - 72.40	0.20			N 0			N 0				
		84893	72.40 - 72.58	0.18						0.08	B 0.01			
		51555	72.58 - 73.00	0.42			N 0			N 0.33				65.11 - 74.82
		51556	73.00 - 73.37	0.37			N 0			N 0.01				Aplite excl. its margin, anomalous gold is 0.10 g/t Au over 9.71m.
		51557	73.37 - 73.70	0.33			N 0.01			N 0.22				
	The few samples taken at the Highway Gold showing nearby also have gold values only where and relative to pyrite. The quartz-veins of the showing may be unrelated tension gashes perpendicular to the aplite dike, not a fracture zone. In CP-07-7 the pyrite planes are perpendicular to younger quartz-veins. Tension gashes depend on the host, and cannot be projected.	51558	73.70 - 73.99	0.29			N 0			N 0.14	B 0.03			
		51559	73.99 - 74.34	0.35			N 0			N 0				
		51560	74.34 - 74.82	0.48			N 0			N 0.02				
		84894	74.82 - 75.03	0.21	T 0	T 0	N 0.02	T 0.4	T 0.5	0.55	N 1.07	B 2.71	N, T	Al 5.77 T K 1.32 T
		51561	75.03 - 75.40	0.37			N 0			N 0.02				Fe 1.89 N Na 2.40 N
		51562	75.40 - 75.84	0.44			N 0			N 0				Mg 0.48 T Ca 2.02 T
		51563	75.84 - 76.27	0.43			N 0			N 0				
		51564	76.27 - 76.61	0.34			N 0			N 0				
		84895	76.61 - 76.87	0.26						0.05				
NOTE:	HIGHWAY GOLD SHOWING: Previous sample 185272 in center at L1851N-1837E. Of new chip samples of various rocks only the ones with pyrite returned gold values:													
	84910 fresher part, 15% pyrite	84910	FROM CENTER	CHIPS						10.97	12.34			51548 Whole Rock Fusion
	84949 less fresh, 15% pyrite	84949	OF	CHIPS						5.97	6.51			SiO <sub>2</sub> 68.86 LOI 5.72
	84950 much older weathered, 15% pyrite	84950	SHOWING	CHIPS						5.55				Al <sub>2</sub> O <sub>3</sub> 12.43 K <sub>2</sub> O 2.73
														Fe <sub>2</sub> O <sub>3</sub> 4.04 Na <sub>2</sub> O 2.40
														MgO 0.89 CaO 2.83
														TiO <sub>2</sub> 0.41 V 0









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LOG of DDH CP-07-8

Page 1 of 11

4-Corners Grid (L2000E is 35 az, Mag decl. 11 W)

Grid Location (m): parallel L1815N - 1767E

Map: G-3986 Township: JAMIESON Claims: 3010918 - 70%

UTM NAD 83 - Elevation 1m below CP-07-7 3016588 - 30%

17U 0456324 E - 5377139 N

DDH Direction (azimuth) / Dip (plunge): 125/50 degrees

Hole Length: 261 m Core Diameter: NQ - 47 mm <sup>humus on</sup>

Casing Length: 16 m Overburden Thickness: 12 m (dense clay)

Casing left in hole and capped, marked by wood post, cap bolted.

Other: Can suck enough water for drilling. Used rod grease.

Core stored in 60 trays at: 6076 King St, Porcupine, Ont.

Samples (Continuous sawed half core):

51600 - 611, 84915 - 943.

Highlights:

Legend:

- H Mohs' hardness, as measure of alteration.
- M5 Magnetic like magnetite, M0 = nonmagnetic.
- CA Degrees to core axis.
- fizz Reaction to cold 10% HCl.
- RQD % core length longer than 2.5 x diam, > 12cm.

Analyses

BCD (2nd,3rd,4th 250g pulp), E (Expert Lab), G (Gravimetric), N (Neutron activation), T (near-Total ICP), W (fusion, majors + 45). Swastika Lab, Expert Lab, Actlabs (for NTW), ALS Chemex.

Drilling Started: 03 Aug 2007 Finished: 10 Aug. 2007

Drilled by MW Diamond Drilling, Porcupine.

Set-up checked by: DAXL Hole stopped by: DAXL

Logged by: H. Daxl, M.Sc. *H. Daxl* 14 Feb. 2008

Submitted and Signed:

Dip-Acid Tests:

27 m 46°  
120 m 47°  
220 m 47°

Trace:

176 m horiz.  
193 m vertical  
claimline at 187m downhole

Groundwater: No return water below 201 m

Seams at faults, especially 28-33m, 50-54m.





FROM - - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %					30g F.A. - g/t			OTHERS - % -g/t	
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au		
51.60 - - 70.70	FINE GABBRO - ILMENITE - MAGNETIC													
mFG il	Very fine with gray plagioclase and massive to 57 m. Then fine to locally medium-grained down hole, with 1% quartz-epidote xenoliths 65-68 cm. Sparse granitic xenoliths with assimilation. H=5-6.	84915	70.38 - 70.70	0.32							0			
	Weakly magnetic, minor fizz. RQD 60-90% down hole. Locally <5% ilmenite <1 mm visible, often magnetic. Else barren.													
F	53.80-53.88 FAULT finely crushed													
F	56.30-56.45 FAULT finely crushed.													
	57.56-57.60 4 cm quartz-xen in 55 CA.													
70.70 - - 85.80	GABBRO - SPHENE - KQ STOCKWORK													
Gm lx KQ stock	Variously dark green-gray to pale olive altered by quartz-microcline? stock-work. Ilmenite replaced by sphene-tascotene. Medium-grained. H=5-6, <10% quartz-microcline veins <10 cm near center subparallel to minor shear near 50 CA, some with sharp beige halo.	84916	72.20 - 72.42	0.22							0			
		84917	72.75 - 73.05	0.30							0			
		84918	73.40 - 73.60	0.20							0.03			
	Nonmagnetic, no fizz, RQD 60-90%, Barren.													
QKV 40	73.36-73.69 QKV, some olive, 40 CA, fex <4 mm py.	51602	73.60 - 73.75	0.15							0.16			













FROM - - TO m	ROCK UNIT	S A M P L E			AQUA REGIA - %					30g F.A. - g/t			OTHERS - % - g/t	
		NUMBER	FROM - TO m	LENGTH	Cu	Pb	Zn	Ag	S	Au	Au	Au		
193.50 - - 214.00 mG il	GABBRO - ILMENITE - MAGNETIC													
	Medium-grained gray plagioclase and dark-greenish mafics. Massive. H = 6-7. 10% pink granitic veins < 5cm to 196.20 with few 1 cm bands of magnetite.	84933	196.17-196.35	0.18						0				
	Strongly to moderately magnetic downhole mostly with 5-15% < 1mm ilmenite but larger < 5mm laminated subhedra at 196.50 - 198.00 quite magnetic maybe magnetite-ilmenite although no octa- hedral shapes obvious. Sphere near 200 m. No fizz. RQD 95-98%. barren.	84934	197.08-197.35	0.27						0			0 Pt, 0 Pd	
		84935	205.48-205.73	0.25						0.13	<sup>B</sup> 0.03		W+ 0 Pt, 0 Pd	
		84936	206.54-206.83	0.29						0	<sup>B</sup> 0		84935 Whole Rock Fusion SiO <sub>2</sub> 37.43 LOI 14.81 Al <sub>2</sub> O <sub>3</sub> 7.58 K <sub>2</sub> O 0.96 Fe <sub>2</sub> O <sub>3</sub> 18.82 Na <sub>2</sub> O 0.65 MgO 5.93 CaO 9.20 TiO <sub>2</sub> 2.58 V 0.07	
QV 25	196.27-196.50 Milky quartz-vein 25 CA. 10 cm thick, barren. 84933.	84937	206.83-207.00	0.17						0	<sup>B</sup> 0			
QV 23	206.95-207.15 Milky quartz-vein 23 CA. much muscovite alteration no effect on ilmenite. Cluster < 4 mm pyrite cubes. 84937. 10 cm thick													
214.00 - - 225.00	GABBRO - ILMENITE													
Gil- xenos	Same gabbro but nonmagnetic. No fizz. RQD 85-95% downhole.	84938	218.22-218.44	0.22						0				
		84939	219.27-219.47	0.20						0				
	214.40-214.50 Calcite-quartz-chlorite vein 218.25-222.00 50% assimilated felsic xenoliths. Few quartz-microcline? veins.	84940	219.72-219.96	0.24						0				





Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 3

## Assay Certificate

7W-2805-RA1

Company: **CLAIM POST RESOURCES INC.**  
Project: CP-07-V  
Attn: H. Daxl

Date: SEP-05-07  
CP-07-V

We hereby certify the following Assay of 77 Core/Pulp samples submitted AUG-21-07 by .

Sample Number		Au g/tonne	Au Check g/tonne	Pt g/tonne	Pd g/tonne
84875	TEST PULP 103525	0.12 ✓	-	-	-
84876		Nil	-	-	↓
84877		Nil	-	-	↓
84878		Nil	-	-	↓
84879		Nil	-	-	↓
84880		Nil	-	-	↓
84881		0.58	-	-	↓
84882		Nil	-	-	↓
84883		Nil	-	-	↓
84884		4.25	4.32	-	↓
84885		1.78	1.80	-	↓
84886		0.69	-	-	↓
84887	= 84542 Sw	1.27 ✓	-	-	↓
84888		Nil	-	-	↓
84889		0.14	-	-	↓
84890		0.05	-	-	↓
84891		0.58	-	-	↓
84892		Nil	-	-	↓
84893		0.08	-	-	↓
84894		0.55	-	-	↓
84895		0.05	-	-	↓
84896		0.04	-	-	↓
84897		Nil	-	-	↓
84898		Nil	-	-	↓
84899		Nil	-	-	↓
84900		0.45	-	-	↓
84901		Nil	-	-	↓
84902		0.05	-	-	↓
84903		Nil	-	-	↓
84904		0.13	0.10	-	↓

Certified by Dennis Chant



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 3

## Assay Certificate

7W-2805-RA1

Company: **CLAIM POST RESOURCES INC.**  
Project: CP-07-V  
Attn: H. Daxl

Date: SEP-05-07

We hereby certify the following Assay of 77 Core/Pulp samples submitted AUG-21-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Pt g/tonne	Pd g/tonne	
84905	Nil	-	-	-	
84906	Nil	-	-	-	
84907	TEST PULP 34690 EX 1.51 ✓	-	-	-	CP-07-7
84908	near 185337 0.14	-	<0.005	<0.005	
84909	ochre crust on diorite Nil	-	-	-	
84910	at 185330 10.97	12.34	-	-	
84911	near 185274 0.38	-	<0.005	<0.005	local chips to test near showing above holes
84912	60 m NW Nil	-	-	-	
84913	30 m N Nil	-	-	-	
84914	near 185315 0.03	-	-	-	
84915	Nil	-	-	-	
84916	Nil	-	-	-	
84917	Nil	-	-	-	
84918	0.03	-	-	-	
84919	Nil	-	-	-	
84920	Nil	-	-	-	
84921	Nil	-	-	-	
84922	Nil	-	-	-	
84923	Nil	-	-	-	
84924	Nil	-	-	-	
84925	Nil	-	-	-	
84926	Nil	-	-	-	
84927	0.03	-	<0.005	<0.005	CP-07-8
84928	Nil	Nil	-	-	
84929	Nil	-	-	-	
84930	Nil	-	-	-	
84931	Nil	-	-	-	
84932	Nil	-	-	-	
84933	Nil	-	-	-	
84934	Nil	-	<0.005	<0.005	

Certified by Denis Chroty





Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 3 of 3

## Assay Certificate

7W-2805-RA1

Company: **CLAIM POST RESOURCES INC.**  
Project: CP-07-V  
Attn: H. Daxl

Date: SEP-05-07

We hereby certify the following Assay of 77 Core/Pulp samples submitted AUG-21-07 by .

Made 250 g pulp

30 g FA-AA

Sample Number	Au g/tonne	Au Check g/tonne	Pt g/tonne	Pd g/tonne	
84935	0.13	-	<0.005	<0.005	
84936	Nil	-	-	-	
84937	Nil	-	-	-	
84938	Nil	-	-	-	
84939	Nil	-	-	-	
84940	Nil	-	-	-	
84941	Nil	-	-	-	
84942	0.01	-	<0.005	<0.005	
84943	Nil	-	-	-	
84944	TEST PULP 2500 0.48 ✓	-	0.04 ✓	0.21 ✓	
84945	QV near Tp. line Nil	-	-	-	
84946	Wallrock -" - Nil	-	-	-	
84947	QV. -" - 0.02	-	-	-	
84948	near 185247 (clean) 0.10	-	<0.005	<0.005	
84949	near 185330 (fresher) 5.97	6.51	-	-	
84950	near 185330 (weath) 5.55	-	-	-	
84951	TEST PULP 84510 EX 4.46 ✓	-	-	-	
Blank	Nil	-	-	-	
STD OXK48	3.53 ✓	-	-	-	

CP-07-8

local chips to test near showing above holes and area. Also relating to previous samples from showing by JENSEN.

Certified by Dennis Chroth

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 200 /04

Page : 1 of 2

Client : <b>Claim Post Resources Inc.</b>	
Addressee : <b>Hermann Daxl</b>  39-630 Riverpark Road Timmins Ontario P4P 1B4  Telephone : (705) 264-4929 Fax : (705) 264-4929	Folder : <b>20890</b> Your order number : <b>CP-07-W</b> Project : Total number of samples : <b>33</b> (CORE, AND REJECT 84881 + 84)

Designation	Au FA-AA ppb 5	Au-Dup FA-AA ppb 5	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
51501	11	10		
51502	<5			
51503	<5			
51504	514			
51505	<5			
51506	<5			
51507	<5			
51508	<5			
51509	<5			
51510	<5			
51511	10			
51512	5			
51513	<5	<5		
51514	<5			
51515	87			
51516	6			
51517 = 84881	626			
51518	<5			
51519	<5			
51520	<5			

ONLY MADE ABOUT 100 - 250 g PULPS.  
Supposedly made 30g Fire Assay - Atomic Absorption,  
but 2 gravimetric as marked.

All 33 samples of CP-07-7  
gold zone 54.20 - 65.33 m.

CP-07-W

# Laboratoire Expert Inc.

127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

## \*\*\* Certificate of analysis \*\*\*

Date : 2007/04

Page : 2 of 2

Client : <b>Claim Post Resources Inc.</b>			
Addressee : <b>Hermann Daxl</b>		Folder : <b>20890</b>	
39-630 Riverpark Road Timmins Ontario		Your order number : <b>CP-07-W</b>	
P4P 1B4		Project :	
Telephone : (705) 264-4929 Fax : (705) 264-4929		Total number of samples : <b>33</b>	

Designation	Au FA-AA ppb 5	Au-Dup FA-AA ppb 5	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
51521	<5			
51522	<5			
51523	<5			
51524	88			
51525	11	14		
51526	<5			
51527	720			
51528	542			
51529	>DL		19.06	17.90
51530	435			
51531 = 84884	2290		2.40	
51532	731			
51533	97			

Quality Analysis ...



Innovative Technologies

Date Submitted: 03-Jan-08  
Invoice No.: A08-0020  
Invoice Date: 31-Jan-08  
Your Reference:

CLAIM POST RESOURCES INC  
39-630 RIVERPARK ROAD  
TIMMINS ON P4P 1B4  
Canada

CP-07-X

ATTN: HERMANN DAXL

## CERTIFICATE OF ANALYSIS

34 Core samples were submitted for analysis.

Made ~ 250 pulps

The following analytical packages were requested:

Code 1D INAA(INAAGEO)  
Code 1H2 INAA(INAAGEO)/Total Digestion ICP(TOTAL)/Total  
Digestion ICP/MS

REPORT A08-0020

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

### Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.  
For values exceeding the upper limits we recommend assays.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "C. Douglas Read".

C. Douglas Read, B.Sc.  
Laboratory Manager

ACTIVATION LABORATORIES LTD.

Activation Laboratories Ltd. Report: A08-0020

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
51534	< 2	< 5	7.3	180	< 0.5	< 1	7	< 5	< 1	1.88	7	< 1	< 5	< 1	2.82	< 20	< 15	< 0.1	5.7	< 3	< 0.02	< 0.05	< 0.5	6.4
51535	158	< 5	5.9	230	< 0.5	< 1	8	16	< 1	2.11	8	< 1	< 5	< 1	0.83	180	80	0.2	5.4	< 3	< 0.02	< 0.05	< 0.5	6.3
51536	68	< 5	11.5	380	< 0.5	2	8	8	< 1	2.20	8	< 1	< 5	< 1	1.53	< 20	< 15	< 0.1	6.1	< 3	< 0.02	< 0.05	< 0.5	7.9
51537	378	< 5	7.7	< 50	< 0.5	< 1	8	9	< 1	2.02	7	< 1	< 5	< 1	1.70	< 20	< 15	< 0.1	5.9	< 3	< 0.02	< 0.05	< 0.5	7.5
51538	22	< 5	5.8	430	< 0.5	< 1	7	10	< 1	2.39	7	< 1	< 5	< 1	1.80	< 20	88	< 0.1	6.6	< 3	< 0.02	< 0.05	2.7	7.2
51539	18	< 5	11.3	< 50	< 0.5	< 1	8	14	< 1	2.00	8	< 1	< 5	< 1	1.88	< 20	52	0.2	6.4	< 3	< 0.02	< 0.05	< 0.5	7.4
51540	25	< 5	11.4	320	< 0.5	< 1	6	< 5	< 1	1.73	6	< 1	< 5	< 1	1.04	< 20	39	< 0.1	5.5	< 3	< 0.02	< 0.05	2.5	5.8
51541	290	< 5	9.2	320	< 0.5	< 1	5	10	< 1	1.87	7	< 1	< 5	< 1	1.42	< 20	51	< 0.1	6.1	< 3	< 0.02	< 0.05	2.2	6.6
51542	66	< 5	17.6	380	< 0.5	< 1	8	9	< 1	1.99	7	< 1	< 5	< 1	1.49	< 20	54	< 0.1	5.5	< 3	< 0.02	< 0.05	< 0.5	5.8
51543	92	< 5	7.3	< 50	< 0.5	< 1	5	11	< 1	2.07	7	< 1	< 5	< 1	2.03	< 20	52	< 0.1	6.2	< 3	< 0.02	< 0.05	< 0.5	6.9
51544	< 2	< 5	4.3	340	< 0.5	< 1	8	13	< 1	1.99	7	< 1	< 5	< 1	2.00	< 20	75	< 0.1	6.3	< 3	< 0.02	< 0.05	< 0.5	6.1
51545	58	< 5	10.3	< 50	< 0.5	< 1	6	9	< 1	2.21	8	< 1	< 5	< 1	1.53	110	49	< 0.1	6.7	< 3	< 0.02	< 0.05	1.9	6.8
51546	< 2	< 5	3.5	360	< 0.5	3	5	9	< 1	2.17	7	< 1	< 5	< 1	1.73	< 20	76	< 0.1	6.1	< 3	< 0.02	< 0.05	< 0.5	5.7
51547 = 84891	532	< 5	17.9	480	< 0.5	< 1	9	< 5	< 1	2.31	7	< 1	< 5	< 1	1.84	< 20	< 15	< 0.1	6.7	< 3	< 0.02	< 0.05	2.5	6.8
51548	93	< 5	9.7	400	< 0.5	2	8	< 5	< 1	2.28	7	< 1	< 5	< 1	1.51	< 20	< 15	< 0.1	6.3	< 3	< 0.02	< 0.05	< 0.5	6.8
51549	19	< 5	8.3	350	< 0.5	< 1	8	10	< 1	2.00	7	< 1	< 5	< 1	1.78	< 20	< 15	< 0.1	6.5	< 3	< 0.02	< 0.05	< 0.5	6.7
51550	< 2	< 5	7.1	410	< 0.5	< 1	8	12	< 1	2.25	7	< 1	< 5	< 1	1.85	< 20	< 15	< 0.1	6.7	< 3	< 0.02	< 0.05	< 0.5	6.3
51551	290	< 5	13.4	420	< 0.5	3	9	< 5	< 1	2.15	8	< 1	< 5	< 1	1.36	< 20	57	< 0.1	6.9	< 3	< 0.02	< 0.05	2.0	6.4
51552	< 2	< 5	4.1	270	0.8	2	4	9	< 1	1.82	5	< 1	< 5	< 1	0.30	< 20	41	0.1	5.1	< 3	< 0.02	< 0.05	< 0.5	4.1
51553	13	< 5	6.1	350	< 0.5	3	8	10	< 1	2.08	8	< 1	< 5	< 1	1.60	< 20	51	< 0.1	6.9	< 3	< 0.02	< 0.05	< 0.5	5.8
51554	< 2	< 5	8.5	480	< 0.5	< 1	5	8	< 1	2.30	8	< 1	< 5	< 1	2.28	< 20	< 15	< 0.1	7.3	< 3	< 0.02	< 0.05	< 0.5	5.9
51555	328	< 5	11.9	320	< 0.5	< 1	8	7	1	2.28	7	< 1	< 5	< 1	2.19	< 20	< 15	0.2	6.8	< 3	< 0.02	< 0.05	< 0.5	5.3
51556	15	< 5	9.0	420	< 0.5	< 1	7	12	< 1	2.40	8	< 1	< 5	< 1	2.09	130	73	< 0.1	6.9	< 3	< 0.02	< 0.05	< 0.5	6.4
51557	216	< 5	9.4	380	< 0.5	2	8	12	< 1	2.28	6	< 1	< 5	< 1	1.53	< 20	83	< 0.1	7.3	< 3	< 0.02	< 0.05	< 0.5	6.2
51558	142	< 5	9.9	< 50	< 0.5	2	9	14	< 1	2.89	6	< 1	< 5	< 1	2.52	< 20	< 15	< 0.1	7.9	< 3	< 0.02	< 0.05	3.1	5.7
51559	< 2	< 5	7.3	320	< 0.5	< 1	7	14	1	2.54	5	< 1	< 5	< 1	2.36	< 20	< 15	< 0.1	7.2	< 3	< 0.02	< 0.05	< 0.5	4.4
51560	18	< 5	7.5	290	< 0.5	< 1	9	18	< 1	2.83	7	< 1	< 5	< 1	2.55	130	< 15	< 0.1	7.9	< 3	< 0.02	< 0.05	< 0.5	4.6
51561	24	< 5	7.4	340	< 0.5	< 1	9	< 5	< 1	2.09	7	< 1	< 5	< 1	2.39	< 20	< 15	< 0.1	7.2	< 3	< 0.02	< 0.05	< 0.5	5.1
51562	< 2	< 5	9.5	< 50	< 0.5	< 1	9	< 5	< 1	2.73	8	< 1	< 5	< 1	2.81	< 20	< 15	< 0.1	7.4	< 3	< 0.02	< 0.05	< 0.5	5.3
51563	< 2	< 5	58.0	220	< 0.5	5	31	108	< 1	6.65	2	< 1	< 5	< 1	0.27	< 20	36	< 0.1	31.8	< 3	< 0.02	< 0.05	< 0.5	0.6
51564	< 2	< 5	81.9	< 50	< 0.5	5	38	128	1	7.13	2	< 1	< 5	< 1	0.13	< 20	52	< 0.1	35.6	< 3	< 0.02	< 0.05	< 0.5	< 0.2
51565 = 84894	1070	< 5	11.7	< 50	< 0.5	< 1	8	10	< 1	1.93	6	< 1	< 5	< 1	2.44	140	< 15	0.1	5.5	< 3	0.06	< 0.05	< 0.5	5.8
51566 = blank	< 2	< 5	2.1	920	< 0.5	11	14	24	< 1	8.22	2	< 1	5	< 1	2.27	< 20	< 15	< 0.1	24.5	< 3	< 0.02	0.44	22.5	3.1
51567 = Pit Bottom	< 2	< 5	3.6	< 50	< 0.5	< 1	37	104	< 1	7.78	3	< 1	< 5	< 1	2.22	< 20	< 15	0.2	40.3	< 3	< 0.02	< 0.05	2.5	1.2

all from CP-07-7 GOLD ZONE

\* separate aliquot from same pulp,  
1070 vs. 2710 ppb GOLD, blamed sample.











**ALS Chemex**  
**EXCELLENCE IN ANALYTICAL CHEMISTRY**  
 ALS Canada Ltd.

212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

CLAIM POST RESOURCES INC.  
 502-55 UNIVERSITY AVENUE  
 TORONTO ON M5J 2H7

Page: 2 - A  
 Total # Pages: 2 (A)  
 Finalized Date: 24-JAN-2008  
 Account: CLAPST

CP-07-Y

**CERTIFICATE OF ANALYSIS TM08004524**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	Ag-AA45 Ag ppm	Ag-AA45 - aqua regia	
		0.02	0.01	0.2		All of 250 g reject and 30 g Fire-Assay - Atomic Absorption - Ore Grade Au 0.01-100 ppm
51503		0.27	0.25			65.33 m
51504		0.26	0.73			
51505		0.25	0.01			
51506		0.27	0.01			
51507		0.26	0.01			
51508		0.28	0.01			gold zone to
51509		0.27	0.03			
51510		0.29	0.01			
51511		0.27	0.02			
51512		0.28	0.01			
51515		0.26	0.27			CP-07-7
51523		0.27	0.02			
51524		0.26	0.03			
51525		0.29	0.02			
51526		0.27	0.01			
51527		0.22	0.63			4.3
51528		0.31	0.47			
51529		0.20	21.9			
51530		0.16	0.53			
51532		0.25	0.93			
51533		0.26	0.04			CP-07-7
51568 = 51504		0.27	1.00			
51569 = 51527		0.22	0.85			
51570 = 51529		0.20	21.0			
51571 = 51532		0.24	0.41			
51572 = 51534		0.20	0.07			CP-07-7
51573 = 51542		0.27	0.19			
51574 = 51544		0.26	<0.01			
51575 = 51545		0.29	0.05			
51576 = 51551		0.20	0.33			
51577 = 51552		0.25	<0.01			CP-07-8
51578 = 51553		0.27	0.01			
51579 = 51558		0.26	0.03			
84888		0.25	0.05			
84889		0.27	0.94			
84893		0.18	0.01			CP-07-8
84904		0.25	0.03			
84935		0.27	0.03			
84936		0.25	<0.01			
84937		0.18	<0.01			



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: CLAIM POST RESOURCES INC.  
502-55 UNIVERSITY AVENUE  
TORONTO ON M5J 2H7

Page: 1  
Finalized Date: 24-JAN-2008  
Account: CLAPST

CP-07-Y

## CERTIFICATE TM08004524

Project:  
P.O. No.: CP-07-Y  
This report is for 40 Percussion samples submitted to our lab in Timmins, ON, Canada on 11-JAN-2008.  
The following have access to data associated with this certificate:  
HERMANN DAXL

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: CLAIM POST RESOURCES INC.  
ATTN: HERMANN DAXL  
39-630 RIVERPARK RD  
TIMMINS ON P4P 1B4

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

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: CLAIM POST RESOURCES INC.  
1010-55 UNIVERSITY AVENUE  
TORONTO ON M5J 2H7

Page: 2 - A  
Total # Pages: 2 (A)  
Finalized Date: 7-FEB-2008  
Account: CLAPST

CP-07-U

LIMITS 0.01-100 ppm  
GOLD 30 g FA-AA

## CERTIFICATE OF ANALYSIS TM08009613

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA25	Notes
		Recvd Wt. kg	Au ppm	
		0.02	0.01	made ~250 g pulp from drill core
51581		0.49	0.01	
51582		0.50	0.01	
51583		0.70	0.01	
51584		0.47	0.10	
51585		0.62	0.10	
51586		0.52	0.02	
51587		0.66	0.06	
51588		0.51	2.98	
51589		0.37	0.81	
51590		0.64	0.17	
51591		0.56	0.02	
51592 = 84900 SW pulp		0.08	0.53	
51593		0.55	0.02	
51594		0.68	0.03	
51595		0.89	0.05	
51596		0.80	0.01	
51597		0.53	0.01	
51598		0.52	0.02	
51599		0.81	0.01	
51600		0.56	<0.01	
51601		0.28	<0.01	
51602		0.31	0.16	
51603		0.58	0.01	
51604		0.52	0.01	
51605		0.41	<0.01	
51606		0.50	0.01	
51607		0.59	<0.01	
51608		0.68	0.01	
51609		0.50	0.02	
51610		0.34	<0.01	
51611		0.34	0.04	
51612 = 51504 EX pulp		0.09	0.67	
51613 = 84927 SW pulp		0.09	0.04	



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To: CLAIM POST RESOURCES INC.  
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TORONTO ON M5J 2H7

Page: 1  
Finalized Date: 7-FEB-2008  
This copy reported on 8-FEB-2008  
Account: CLAPST

## CERTIFICATE TM08009613

Project:  
P.O. No.: CP-07-U *30 core  
3 pulp*  
This report is for 33 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28-JAN-2008.

The following have access to data associated with this certificate:  
HERMANN DAXL

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CLAIM POST RESOURCES INC.  
ATTN: HERMANN DAXL  
39-630 RIVERPARK RD  
TIMMINS ON P4P 1B4

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

CP-07-Z3

Quality Analysis ...



Innovative Technologies

Date Submitted: 18-Jan-08  
Invoice No.: A08-0233  
Invoice Date: 12-Feb-08  
Your Reference: CP-07-Z1-Z3

CLAIM POST RESOURCES INC  
39-630 RIVERPARK RD  
TIMMINS ON P4P 1B4

ATTN: HERMANN DAXL

CERTIFICATE OF ANALYSIS

14 Pulp samples and 16 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1F2 Total Digestion ICP(TOTAL)  
Code 1D INAA(INAAGEO)  
Code 4LITHO (1-10) Major Elements Fusion ICP(WRA)/Trace  
Elements Fusion ICP/MS(WRA4B2)  
REPORT A08-0233

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

Notes:

For values exceeding the upper limits we recommend assays.  
If value exceeds upper limit we recommend re-assay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.  
We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag.  
Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D.  
Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

C. Douglas Read, B.Sc.  
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1350 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or  
+1 888 228 5227 FAX +1 905 648 9613  
E-MAIL [enquiries@actlabsint.com](mailto:enquiries@actlabsint.com) ACTLABS GROUP WEBSITE <http://www.actlabsint.com>

Report Date: 2/12/2008

by 4 Litho (Li-Fusion) Whole Rock

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	%	%	%	%	%	%	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Analysis Method	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP

51531

84942

25079

84565

84648

84661

51513	CP-07-7 > 58.83 m -	39.43	10.30	12.71	0.194	5.61	8.02	0.24
51548	CP-07-7 > 70.00 m -	68.86	12.43	4.04	0.042	0.89	2.83	2.40
51566	blank	21.36	4.65	14.76	0.982	6.43	18.64	3.63
84935	CP-07-8 > 205.48 m -	37.43	7.58	18.82	0.228	5.93	9.20	0.65
84964	CP-06-6 > 195.32 m -	44.78	11.34	12.18	0.198	5.69	9.77	0.03

Report Date: 2/12/2008

Analyte Symbol	K2O	TiO2	P2O5	LOI	Total	Sc	Be
Unit Symbol	%	%	%	%	%	ppm	ppm
Detection Limit	0.01	0.001	0.01	0.01	0.01	1	1
Analysis Method	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
51531							
84942							
25079							
84565							
84648							
84661							
7 51513	QK altered Ti-Gabbro (WR) 2.99	1.591 <sup>sphene</sup>	0.23 <sup>leucos</sup>	17.85	99.16	41	2
7 51548	Aplite dike center (WR) 2.73	0.411	0.08	5.72	100.40	8	1
- 51566	Blank (Carbonatite? ank.) 0.75	0.166	0.56	26.20	98.14	29	2
8 84935	mGill (WR) 0.96	2.583	0.05 <sup>il</sup>	14.81	98.23	45	2
6- 84964	mGG il - 15% m-ll cum. 1.53	1.993	0.14 <sup>ilcum</sup>	11.34	98.99	34	2

Drillhole CP-07...

WR = clean for "whole rock" use.

Report Date: 2/12/2008

**Final Report**  
**Activation Laboratories**

Analyte Symbol	V	Cr	Co	Ni	Cu	Zn	Ga
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	20	1	20	10	30	1
Analysis Method	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
51531							
84942							
25079							
84565							
84648							
84661							
51513	272	140	41	80	100	170	15
51548	24	< 20	9	< 20	20	30	21
51566	94	30	15	< 20	40	90	8
84935	669	90	44	40	20	150	19
84964	464	50	39	40	80	140	17



Report Date: 2/12/2008

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	5	2	2	2	4	1
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS
51531							
84942							
25079							
84565							
84648							
84661							
51513	1	205	62	46	37	142	6
51548	1	20	63	31	85	342	19
51566	< 1	< 5	16	5219	20	61	472
84935	1	< 5	23	96	27	71	10
84964	< 1	22	41	42	26	85	6

Report Date: 2/12/2008

Analyte Symbol	Mo	Ag	In	Sn	Sb	Cs	Ba
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	0.5	0.2	1	0.5	0.5	3
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP
51531							
84942							
25079							
84565							
84648							
84661							
51513	< 2	< 0.5	< 0.2	1	7.6	< 0.5	301
51548	< 2	< 0.5	< 0.2	2	6.2	< 0.5	351
51566	< 2	< 0.5	< 0.2	5	< 0.5	< 0.5	1058
84935	< 2	< 0.5	< 0.2	3	< 0.5	< 0.5	185
84964	< 2	< 0.5	< 0.2	< 1	< 0.5	0.8	188

Report Date: 2/12/2008

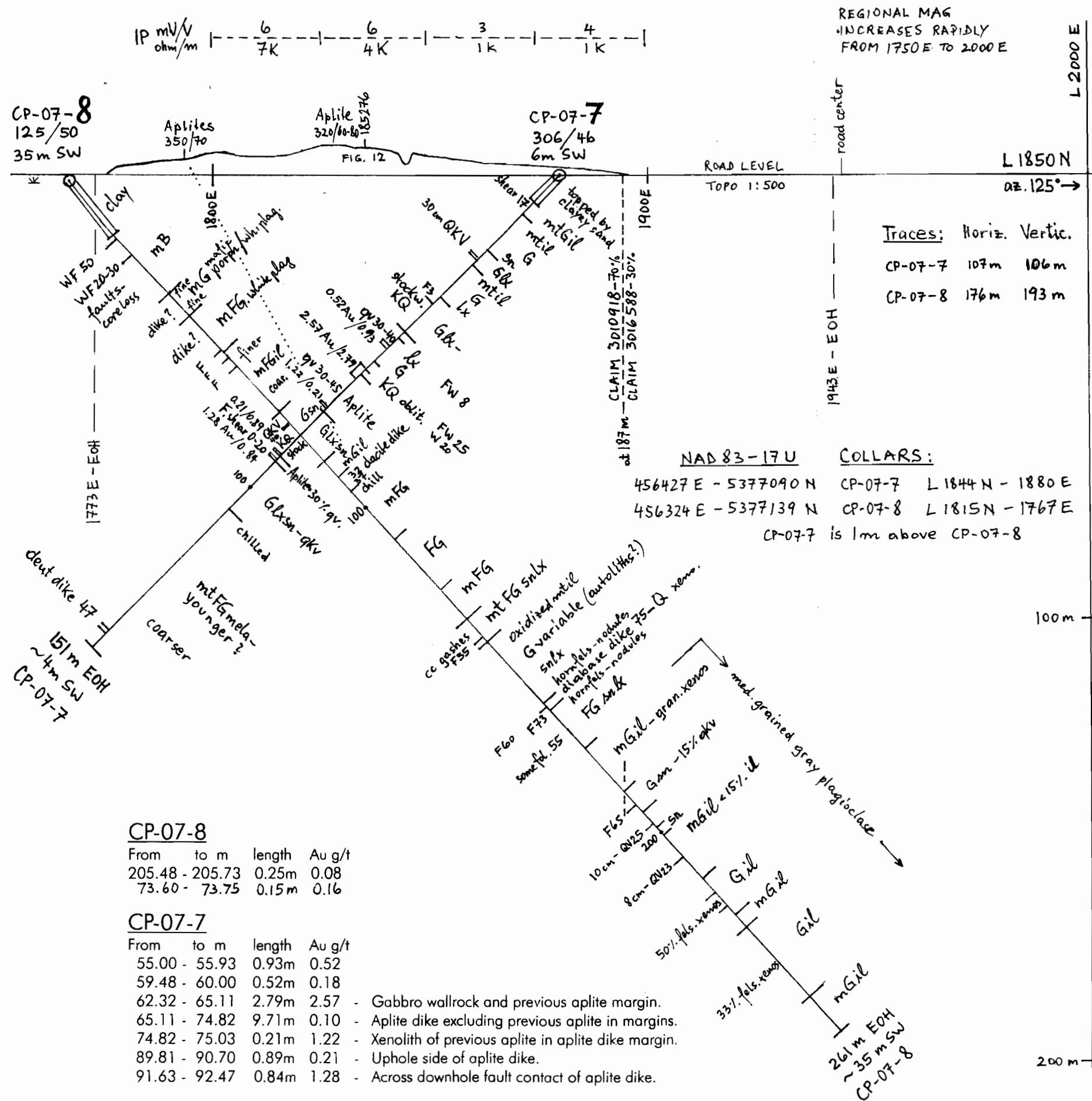
<b>Analyte Symbol</b>	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
<b>Unit Symbol</b>	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
<b>Detection Limit</b>	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1
<b>Analysis Method</b>	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
51531								
84942								
25079								
84565								
84648								
84661								
51513	8.1	20.0	2.46	12.6	3.7	1.07	4.7	0.9
51548	52.2	113.0	12.00	47.3	11.7	1.69	11.6	2.2
51566	230.0	388.0	34.90	96.8	17.1	4.45	10.9	1.3
84935	4.3	11.8	1.54	8.3	2.7	0.96	3.4	0.7
84964	6.5	16.3	1.98	9.8	3.0	1.60	3.6	0.7

Report Date: 2/12/2008

Analyte Symbol	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
51531								
84942								
25079								
84565								
84648								
84661								
51513	5.7	1.2	3.5	0.52	3.3	0.51	3.5	0.4
51548	13.8	2.9	8.6	1.29	8.3	1.23	9.3	1.5
51566	5.8	0.9	2.0	0.23	1.2	0.14	2.3	25.4
84935	4.8	1.0	3.1	0.48	3.2	0.49	1.9	0.4
84964	4.5	0.9	2.7	0.40	2.5	0.40	2.2	0.3

Report Date: 2/12/2008

<b>Analyte Symbol</b>	<b>W</b>	<b>Tl</b>	<b>Pb</b>	<b>Bi</b>	<b>Th</b>	<b>U</b>
<b>Unit Symbol</b>	ppm	ppm	ppm	ppm	ppm	ppm
<b>Detection Limit</b>	1	0.1	5	0.4	0.1	0.1
<b>Analysis Method</b>	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
51531						
84942						
25079						
84565						
84648						
84661						
51513	2	0.2	11	0.6	1.0	0.3
51548	1	0.2	7	< 0.4	9.1	1.8
51566	< 1	< 0.1	7	< 0.4	4.2	29.7
84935	2	< 0.1	< 5	< 0.4	0.5	0.2
84964	< 1	0.1	< 5	< 0.4	0.5	0.2



**Legend and Rock Description**  
(Highway Gold 2007 Drilling)

- Rock Units:**
- Aplite Pale olive, <1mm grained felsic dikes, with very similar haloes (QK?-alteration) but some sphene or leucoxene still visible in haloes.
  - B Basalt, gray to melanocratic dark gray.
  - FG Fine- to very fine-grained gabbro, usually dark gray with black specks well visible on dry core. These are ilmenite (il), subhedral, 0.5 to 1mm, <15% disseminated, or with magnetic ilmenite likely due to intergrowth or exsolution of magnetite (mil), or
  - mFGil octahedrally laminated magnetite-ilmenite, which shows when altered.
  - mtFGil When ilmenite near aplite or faults is altered to sphene (sn), or to pale-buff leucoxene (lx) of same habit visible on wet core.
  - FGsn
  - FGlx
  - G Medium-grained gray gabbro, here with gray plagioclase.

- Structure:**
- 350/70 Strike azimuth and right-hand dip.
  - F30 Fault at 30 degrees to core axis (CA), evidenced by shear, broken core, or some gouge. FZ is wider fault zone.
  - FZ
  - QK Quartz-microcline? (with ankerite?) as thick vein (QKV), or stockwork, or ubiquitous alteration.
  - qcv Veins of quartz-calcite, or QV if >15cm thick.
  - W Water seam, as reported by drillers, or at limonite alteration.

**Main values plotted:**  
Au in g/t, over meters, e.g. 2.57Au / 2.79

**CP-07-8**

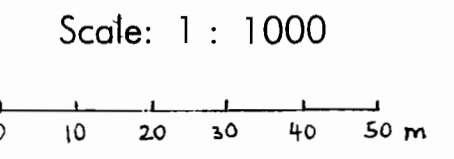
From	to m	length	Au g/t
205.48	205.73	0.25m	0.08
73.60	73.75	0.15m	0.16

**CP-07-7**

From	to m	length	Au g/t	Description
55.00	55.93	0.93m	0.52	
59.48	60.00	0.52m	0.18	
62.32	65.11	2.79m	2.57	- Gabbro wallrock and previous aplite margin.
65.11	74.82	9.71m	0.10	- Aplite dike excluding previous aplite in margins.
74.82	75.03	0.21m	1.22	- Xenolith of previous aplite in aplite dike margin.
89.81	90.70	0.89m	0.21	- Uphole side of aplite dike.
91.63	92.47	0.84m	1.28	- Across downhole fault contact of aplite dike.

DDH **CP-07-7** and **CP-07-8**

Section L1850 N  
CLAIM POST RESOURCES INC.  
Kamiskotia Project - Highway Gold Area  
14 Feb 2008, by Hermann Daxl, M.Sc.



## Appendix C

### Core Property Details

**FOUR CORNERS - CORE**

<b>Legacy Claim Id</b>	<b>Township / Area</b>	<b>Tenure ID</b>	<b>Tenure Type</b>	<b>Anniversary Date</b>	<b>Tenure Percentage</b>
3010918	JAMIESON,ROBB	139920	Single Cell Mining Claim	2020-04-22	100
3010918	JAMIESON	248627	Single Cell Mining Claim	2020-04-22	100
3010918	JAMIESON	308479	Single Cell Mining Claim	2020-04-22	100
3010918	JAMIESON,ROBB	308480	Single Cell Mining Claim	2020-04-22	100
3011003	ROBB	287266	Single Cell Mining Claim	2021-03-10	100
3011003	ROBB,TURNBULL	325169	Single Cell Mining Claim	2021-03-10	100
3012749	GODFREY,TURNBULL	107542	Single Cell Mining Claim	2021-04-02	100
3010919	GODFREY	248662	Boundary Cell Mining Claim	2021-04-02	100
3012757	JAMIESON	131311	Single Cell Mining Claim	2021-06-09	100
3010918	JAMIESON	145951	Single Cell Mining Claim	2021-06-09	100
3012757	JAMIESON	196045	Single Cell Mining Claim	2021-06-09	100
3010918	JAMIESON	213872	Single Cell Mining Claim	2021-06-09	100
3010918	JAMIESON,ROBB	221232	Single Cell Mining Claim	2021-06-09	100
3010918	JAMIESON	268088	Single Cell Mining Claim	2021-06-09	100
3010918	JAMIESON	273212	Single Cell Mining Claim	2021-06-09	100
3012751	JAMIESON	299730	Single Cell Mining Claim	2021-06-09	100
3010919	GODFREY,JAMIESON	123400	Boundary Cell Mining Claim	2021-06-25	100
3010919	GODFREY,JAMIESON,ROBB,TURNBULL	229186	Single Cell Mining Claim	2021-06-25	100
3012745	ROBB	138332	Single Cell Mining Claim	2021-12-27	100
3012749	TURNBULL	145670	Single Cell Mining Claim	2021-12-27	100
3012745	ROBB	239068	Single Cell Mining Claim	2021-12-27	100
3012745	ROBB,TURNBULL	259170	Single Cell Mining Claim	2021-12-27	100
3012745	ROBB,TURNBULL	325844	Single Cell Mining Claim	2021-12-27	100



## Appendix D

Costs, Distribution, and Certification

**CTEC 2019 Four Corners Program**

Vendors	Date	Invoice	Units	Rates	Drilling	Assay	Logging / Resampling	Core cutting	Field/Core facility/storage	Geophysics	Notes
SMP Drilling	July 9 -11, 2019	108	207 m	\$ 76.72	\$ 15,881.49						All inclusive FC-19-01 sampling est est 5/hr
Actlabs	Aug 22-30, 2019	A19-11125	53 assays	\$ 16.47		\$ 873.00					
R.B. Paloma	July 15-17, 2019	July	3	\$ 400.00			\$ 1,200.00				
R. Rioux	Aug, 2019	Aug	10.5	\$ 27.00				\$ 283.50			
Polk Geol. Serv.	July 15-Dec 31, 2019	447	monthly	\$ 2,937.00					\$ 734.25		
<b>SUBTOTAL DRILLING</b>					\$ 15,881.49	\$ 873.00	\$ 1,200.00	\$ 283.50	\$ 734.25	\$ -	<b>\$ 18,972.24</b>
Actlabs	Oct 17-Dec 6, 2019	A19-14034	72 assays			\$ 1,210.00					CP-07-07 resampling CP-07-08 resampling CP-07-08 resampling CP-06-05 resampling
		A19-14629	49 assays			\$ 819.00					
		A19-15521	89 assays			\$ 1,485.00					
		A19-15847	<u>65 assays</u>			<u>\$ 1,098.00</u>					
			275 samples	\$ 16.77		\$ 4,612.00					
Dan Johannsson	September 2019	DJ19-09	4.5	\$ 300.00			\$ 1,350.00				
	October 2019	DJ19-10	9.5	\$ 300.00			\$ 2,850.00				
R. Rioux	Sept-Oct, 2019	Sept/Oct	55	\$ 27.00				\$ 1,485.00			est 5/hr
Polk Geol. Serv.	July 15-Dec 31, 2019	448	monthly	\$ 2,257.54					\$ 1,128.77		
<b>SUBTOTAL RESAMPLING</b>					\$ -	\$ 4,612.00	\$ 4,200.00	\$ 1,485.00	\$ 1,128.77	\$ -	<b>\$ 11,425.77</b>
										<b>TOTAL</b>	<b>\$ 30,398.01</b>

**Cost Distribution by Work**

Claim Cell	Work	Cost
299730	drilling	(24%) \$ 0
213872	drilling	76% \$ 14,405
		\$ 14,405
229186	resampling	38 \$ 1,579
123400	resampling	27 \$ 1,122
248627	resampling	15 \$ 623
273212	resampling	195 \$ 8,102
	(samples)	275 \$ 11,426
	Total	\$ 25,831

## CERTIFICATE

Rainer Skeries

As co-author this report, 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 24<sup>th</sup> day of February, 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 24th day of February, 2021.

