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DIAMOND DRILLING CASWELL LAKE and THE RIDOUT-TYRREL DEFORMATION ZONE on the SHINING TREE PROJECT for PLATINEX INC.

MACMURCHY AND CHURCHILL TOWNSHIPS, LARDER LAKE MINING DIVISION ONTARIO, CANADA

Prepared By:
Iain Trusler
Under the advisement of
James R. Trusler P.Eng, Chairman and Director of
PLATINEX INC.
March 10th, 2022

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1.0 INTRODUCTION

This report presents the results of six reconnaissance drill holes on the Caswell and Gold Corona areas of the Shining Tree Project. The work was completed between April 1st and September 3rd 2021 as part of ongoing exploration by Platinex Inc. Overburden stripping and washing in several locations in the previous fall, exposed multiple quartz veins on the east side of what is historically referred to as Caswell Lake. Targets were pre-selected on claims 131779, 184459, and 631731. Preliminary interpretation from an IP survey running concurrently with the drilling program resulted in additional targets. One additional hole that targeted an IP anomaly was drilled in the vicinity of the Gold Corona workings on claim 168204. Diamond drilling was performed by Missinaibi Drilling Services Ltd., of 313 Henry St., Porcupine, Ontario, under supervision from Platinex field geologists. Drill Core from all holes (WP21-08 through WP21-12, and PGC21-01) was sawn at Platinex's McBride Cabin on Lease LEA-109706 , Shining Tree, Ontario. 661 samples were shipped to Activation Laboratories Inc. of Timmins, Ontario to assay for gold and 24 were also assayed for Multi-Elements.

Multiple historic sampling and drilling programs on the property have been carried out revealing sporadic gold values. Platinex conducted several stripping and channel sampling programs on both sides of the Caswell prospect in 2008, 2010, and 2020 with encouraging results. As well a 7 Hole drilling program was performed on the West side of the Caswell prospect in 2011. These warranted a drill program to confirm auriferous quartz veins found in historic drill holes on the East Side. Further sampling and drilling of areas with good results and other unexposed historical veins is justified to provide a better understanding of the Caswell system.

Interpreted geological structures coupled with IP anomalies have led Platinex to believe it has an approximate location as to where the major break of the region or a splay of it crosses through the property near the historic Gold Corona and Churchill prospects. The final drill hole of the program was designed to test this structure.

2.0 PROPERTY LOCATION AND ACCESS

At the time this work was completed the Shining Tree property consisted of 1097 contiguous boundary and single cell claims and one lease in Churchill, MacMurchy, Asquith, Tyrrell, Cabot, Kelvin, Natal, Connaught, Fawcett, Leonard, Ogilvie, and North Williams townships, Larder Lake Mining Division, District of Sudbury, Ontario.

Figure 1 (page 15) shows the location of the Shining Tree area in Ontario as well as the claim locations with respect to major topographic and cultural features of the area. Figures 2 and 3 (pages 16 and 17) Show the locations of the Plan and Permit respectively, along with the claim locations, numbers, and the two locations where work was performed.

Primary access to the property is obtained using highway 560; a paved secondary highway which runs through the centre of the property. Highway 560 connects with highway 144 to the west and with highway 65 at Elk Lake to the east. The claims surround the village of Shining Tree extending North and South-East and are approximately 50 kilometers west of Gowganda. A number of logging trails accessible by 4-wheel drive vehicle provide access to portions of the property, and boat access is possible using Michiwakenda Lake, Cryderman Lake, Okawakenda Lake and West Shining Tree Creek.

Access to the east Caswell area was obtained via an old logging road to allow the drill rig to gain access to the collar sites. The entrance of the road is located on the east side of Highway 560 in MacMurchy Township, approximately 450 metres north of the bridge that crosses Michiwakenda Lake. From the Highway the road trends east for approximately 300 metres until it is intersected from the south by a winding road. Taking this road SSE for approximately 1.2km will lead through the Caswell showings and to Shaft 2.

Entry to the Gold Corona and Churchill prospects was gained along an old logging road which opens off the north side of Highway 560 some 440 metres ENE of the Spruce Shilling Camp in Churchill Township. The road winds due north east for over 1.5 kilometres to a small modern bridge that crosses the tributaries connecting Michawakenda Lake and Beilby Lake. Approximately 100 metres north of the bridge an old trail on the east side of the road had to be trimmed for some 100 metres where a drill pad could be set up for the last hole of the program.

3.0 PREVIOUS WORK

Several shafts with limited underground development are situated on the project claims, and existed within separate properties pre 1940's. These were best known as the Herrick, Churchill, and Caswell properties. Relatively little diamond drilling has been done on the Churchill, and only sporadic programs have been carried out on the Caswell, including seven holes drilled by Platinex in 2011. From 2008 through 2011, 51 drill holes targeted the Herrick deposit, bringing the total number of diamond drill holes to 66. Exploration on the remainder of the property has been limited to prospecting, hand dug trenches, mapping and local sporadic geophysical and

diamond drilling programs. Several extensive glacial till sampling programs have also been carried out.

4.0 TOPOGRAPHY

The area has relatively low relief between 350 and 420 metres above sea level. Terrain is hummocky and gently rolling, with the remnant bases of Nipissing diabase sills forming several of the higher ridge lines, along with positive relief Matachewan diabase dykes. The area is generally well drained with numerous lakes and rivers. Logging for pine, spruce and poplar has taken place in small areas of the property at various times in the past, and continues. Regrowth is generally jack pine and poplar. Cedar is common in poorly drained areas. Outcrop ranges from 5% to 10% with a thin till veneer underlying most of the property. Outwash sands and ice contact stratified drift cover most of the eastern-most part of the property.

5.0 GEOLOGY

5.1 QUATERNARY GEOLOGY

The glacial deposits preserved in the area are products of the latest continental ice sheet, the Laurentide of Wisconsinan age. The Keewatin lobe advanced from the northeast approximately 100,000 years ago, and extended south into the northern United States. By 11,000 years ago, the ice sheet had receded back to the Shining Tree area and deposited a variety of surficial material, dominated by thin sandy till ground moraine over bedrock knobs (Roed and Hallett, 1979). Sand and gravel outwash deposits begin to predominate on the eastern edge of the project area, and can often be found as a thin deposit overlying ground moraine tills.

5.2 GENERAL BEDROCK GEOLOGY

The Shining Tree greenstone belt is located approximately 100 km north of Sudbury, and is the southern portion of the Abitibi Sub province, Superior Province, northeast Ontario. The supracrustal rocks in the Shining Tree area have been divided into the Pacaud, Deloro, Kidd-Munro, Tisdale and Porcupine assemblages in keeping with the rest of the Abitibi greenstone belt (Ayer 1999; Ayer et al. 1999; Ayer et al 2013, Johns 1999b; Oliver et al. 1999b). The ~2680 -2690 Ma Porcupine assemblage is separated from the older assemblages (>2.7 Ga) by an unconformity. The Porcupine assemblage (>2.680 Ga) is also composed of a considerably different array of rocks than the older supracrustal rocks (Ayer 2000).

The Pacaud, Deloro, Kidd-Munro and Tisdale assemblages are dominated by volcanic supracrustal rocks, which were formed before the first phase of deformation. Felsic volcanic units close to the presumed tops of the assemblages in the Shining Tree area have been dated: The ages of the older three assemblages (Pacaud, Deloro and Kidd-Munro) indicate that the greenstone belt youngs to the northeast (Ayer 2000).

The Pacaud assemblage is mainly composed of massive and pillowed basalts and is associated with minor spinifex or cumulate textured komatiites.

The Deloro assemblage is dominated by felsic volcanic rocks and is capped in many places by chemical sediments, seen as banded chert and jasper.

The Kidd-Munro assemblage is a varied assemblage dominated by tholeiitic basalts and komatiites, with minor felsic volcanic rocks, and the Tisdale assemblage comprises mafic flows and intermediate to felsic pyroclastics and/or volcaniclastics (Johns 1999a).

5.3 METAMORPHISM AND STRUCTURE

The metamorphic grade throughout most of the Shining Tree area is mid to low greenschist facies (Oliver et al. 1999a, 1999b). Amygdules are filled with chlorite, carbonate or quartz. There are two main phases of deformation and associated metamorphism in the Shining Tree area (Oliver et al. 1999a,1999b) with rocks older than 2.7 Ga having undergone two periods of deformation. There are multiple deformation zones in the older volcanic rocks in which gold has been found, especially in MacMurchy and Tyrrell Townships (Johns 1996, 1997 and 1999a, Ayer et al 2013). The Porcupine assemblage has undergone a single period of deformation and is metamorphosed to a lesser degree than the older volcanic rocks (Oliver et al. 1999a, 1999b). The Porcupine assemblage was formed between the two deformation events and lies unconformably above the previously deformed volcanics (Ayer 2000).

5.4 CASWELL AREA GEOLOGY

This area straddles the narrows connecting Michiwakenda Lake and West Shining Tree Creek (also known as Caswell Lake, an enlargement of West Montreal River). Locally the property is known as the Westree or the Caswell Lake property, and has had numerous past owners and optionees. Development work on the property was carried out intermittently from 1911 to 1939. This included trenching and diamond drilling, shaft sinking and drifting (Carter, 1980). Numerous veins occur

on the property, but the most extensive development work was done on a set of generally east northeast-trending veins within an overall shear system trending northwest. Based on an earlier developed numbering system, these veins correspond to: No1, No2, and No3 etc. on the west side of the river, and Vein101, Vein102, Vein103 etc. on the east side of the river.

Gold mineralization in the Caswell area is associated with a conjugate set of quartz veins. The larger, "main" vein structures run northwest, proximal to and paralleling the trend of West Shining Tree Creek. Historically these structures have been named the Saville (or # 4 Vein) and Evelyn shear zones. Less laterally extensive east-northeasterly trending structures are located on either side of the Saville and Evelyn structures. Over 40 discrete quartz veins, trending east to northeast, were located on both sides of West Shining Tree Creek. Further south on the Bilmac property the easterly set of veins is less well developed, indicating a change in the strain regime of the overall fault system.

The geology is described further by Carter: "*The deposits occur in shears containing quartz veins, the interbanded schistose rock, and quartz veins forming deposits of the lode type. Approximately 39 veins had been exposed, many of which were too small to mine. The trend of the shears varied from approximately east-west, to N60E, and dipped vertically. An important mineralized shear, occurring beneath the waterways on the property had a strike N60W and is in alignment with the Evelyn Vein of the adjoining Bilmac property to the east. The quartz veins vary from 1.3 cm to 0.6 m (l to 24 inches) in width, and some of the shears are as much as 6 m (20 feet) wide. The rocks associated with the veins are amygdaloidal and pillowed basalt, and carbonate schist. The veins and rocks are cut by narrow, later, quartz veins. The gangue material consists of carbonate, talc, sericite, chlorite, feldspar, and tourmaline; the ore minerals consist of gold, chalcopyrite, pyrite, and molybdenite (Resident Geologist's Files, Ontario Ministry of Natural Resources, Kirkland Lake).*"(Carter, 1980)

6.0 DRILLING PROGRAM

6.1 LOGISTICS

Diamond drilling was done under contract with Missinaibi Drilling Services Ltd., of 313 Henry St., Porcupine, Ontario, commencing April 16th and completed on May 21st, 2021. The project was conducted under the supervision of Dean Cutting, Rouyn-Noranda, Quebec, from April through September 2021. The drill hole casings were left in place and metal caps were bolted on. Flag poles of 1.5 metres in length were erected at each collar location.

A boat was utilized to transfer some goods to and from the worksite as it was more expeditious that using the side road. Access to the lake was from a launch at the north end of the highway 560 bridge where it crosses Michiwakenda Lake.

Drill core was sawn in half at a cabin on a lease LEA-109706 owned by Platinex known as the McBride Cabin, Shining Tree, Ontario in preparation for sampling, and storage there. Logging of the core was completed by Dean Cutting, of Rouyn, Quebec and assistance in program implementation was provided by Robert Peever of North Bay, Ontario.

The NQ drill core was sawn in half, with one half archived and the other sent for gold analysis (and 24 checked for Multi-Elements) at Activation Laboratories Ltd. of Timmins, Ontario. Duplicates, standards, and blank samples were inserted into the sample stream at the core facility roughly every 20 samples.

6.2 RESULTS

The Drilling program comprised 6 holes on the property totaling 1270.15 metres. The holes were drilled to test historic drill intercepts and shaft workings samples on various veins and shears of the Caswell system. A plan view of the drilling using NAD83 UTM Zone 17 is illustrated in figure 4 on page 17. The last hole was drilled in the vicinity of the Gold Corona and Churchill Shafts to test an IP anomaly. A plan view for that hole is shown in figure 5 on page 18. Drill cross sections are presented in figures 6 to 11 on pages 19 through 24.

Table 1: Summary of Drill Holes NAD83 UTM Zone 17

Hole ID	Easting	Northing	Azimuth	Dip	Elevation m	Depth m	Samples Collected	Samples Assayed
WP21-08	486032	5272173	215	45	374.48	91.15	59	59
WP21-09	485845	5272312	144	45	364.24	219	139	139
WP21-10	485949	5272220	139	45	365.45	177	50	50
WP21-11	485992	5272194	305	45	368.52	300	121	121
WP21-12	485924	5272260	330	45	366.53	222	164	164
PGC21-01	483754	5272145	045	45	379.21	261	128	128

WP21-08 was drilled to test the continuance of the historically reported very high grade gold mineralization occurring on surface and in shaft 2 where ENE veins 102 and 103 intersect the NNW trending Evelyn vein (which is described as a slaty, pyritic and graphitic tuff) beneath the mine workings and shaft 2. The objective was to intersect and characterize the mineralization as a guide to additional exploration in the immediate vicinity. The hole intersected a sequence of mafic flows with

quartz carbonate veins, but the well mineralized Evelyn vein was not encountered. Best mineralization intersected was a low anomalous gold zone from 35.7m to 40.0m in the hole.

WP21-09 was drilled 233 metres northwest of WP21-08, targeting vein 109 at a shallow depth, and several parallel quartz carbonate veins. The hole was also intended to test the Evelyn vein near shaft 2, but the drill was not properly anchored and the hole was set up on the wrong azimuth. As a result the hole deviated under the lake and was terminated in a fault zone. The hole intersected a sequence of foliated and pillowed flows cut by two narrow massive gabbro units. Numerous quartz-carbonate mineralized zones with minor pyrite were intersected with low anomalous gold values. The best value was obtained from 142.9-143.5m in the hole with an assay of 1.46g/t Au.

WP21-10 was collared 95 metres northwest of WP21-08, targeting vein 102 east of shaft 2 to confirm historic intersections. The hole intersected mainly intermediate to mafic volcanics with one tuffaceous interval and one narrow zone of interflow metasedimentary rocks. The hole terminated in diabase. Multiple quartz carbonate veins were intersected in the hole. The two best intersections were from 112.4 to 112.9 which returned 1.06 g/t Au/ 0.5m and from 125.0 to 126.2 which returned 0.45 g/t Au/ 1.2 m. This latter intersection is believed to be the Evelyn Vein

WP21-11 was drilled 45 metres northwest of WP21-08, targeting vein 109 at depth close to a high grade gold intersection in hole WP11-01. This hole was also unstable and deviated significantly from the collar. A succession of intermediate to mafic volcanic flows was the main unit in the hole but several units of pyritic tuff were also intersected. Several veins were intersected. Vein 109 was intersected from 234.5 to 237.7 and graded 1.06 g/t Au / 3.2m.

WP21-12 was collared 140 metres northwest of WP21-08, targeting the eastern extension of vein 109 which was intersected at 78.3 m and graded 1.8g/t Au/0.3m. This mineralized zone was intersected by a barren dike and it is believed the mineralized zone is actually wider.The best value in the hole was obtained at 189.0m and graded 6.4g/t/0.5m. This intersection is thought to correlate with the Evelyn vein. Mafic volcanic flows dominated but several tuffaceous zones were also encountered as were some mafic dikes.

Table 2: Vein 109 Intersections NAD83 UTM Zone 17

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	Depth	From	To	Core Length	Au g/t	Comments
WP11-01	485731	5272238	366.9m	60	47	224m	199.5	200	0.5	18.75	Vein 109 best value
WP11-01							199	201.52	2.52	4.52	
WP11-01							189.6	207	17.37	0.81	
WP21-09	485845	5272312	364.24m	144°	45°	219m			collared ahead of zone but weak mineralization for 18m		
WP21-11	485992	5272194	368.52m	305°	45°	300m	233.5	237.7	3.2	1.06	Vein 109
							235	235.5	0.5	2.15	Vein 109 best value
							233	245	12	0.33	Vein 109
WP21-12	485924	5272260	366.53m	330°	45°	222m	78.3	78.6	0.3	1.80	Vein 109 best value
							68.8	79.75	10.95		Vein 109 with 8.1m possible dike in middle for 3.65m of mineralization 0.32g/t Au

PCG21-01 was drilled to test an IP anomaly believed associated with the Ridout Tyrrell Deformation Zone. The hole was collared in Pacaud volcanics, intersected an intense fault zone and passed into a succession felsic to intermediate volcanics and intermediate to mafic tuffs and pyroclastic volcanic rocks, believed to be of Porcupine affinity. The rocks in the lower part of the hole are unstrained and weakly metamorphosed. The hole was drilled in a northeasterly direction for 261m and intersected an 86m thick fault zone containing intensely deformed fault breccia within a mylonitic matrix from 34m depth. This has been identified as the Ridout Tyrrell Deformation Zone ('RTDZ"). A cherty graphitic, pyritic sedimentary rock occurs from 76.65m in the hole for 14.9m within the fault zone. Analyses indicate low anomalous levels of gold and up to 186 parts per million ("ppm") zinc, 353 ppm arsenic, 239ppm barium, 9.2 ppm antimony,116 ppm copper, 573 parts per billion ("ppb") mercury, 68.6 ppm molybdenum and 16 ppm tungsten. Levels of Vanadium were also found to be anomalous.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Caswell prospect as explored to date comprises 40 veins which are conjugate in nature within an area 700m wide and 500m long. Including this program, fifty two known drill holes have been completed on Caswell with unqualified results of up to 18.48g/t Au / 18.0m. Additional reports of high grade and museum type gold samples have been reported on the property in the past, but again most of these results are unqualified. More recent results have revealed gold mineralization of commercial interest but limited to veins showing intense alteration, quartz flooding and mineralization over strike lengths of several metres and restricted to widths of one to two metres. The stronger mineralization is set within more continuous vein hosted ENE trending shear zones which are persistent and associated with anomalous silver, tellurium, arsenic and gold mineralization. It is believed that this

stronger mineralization may expand or improve in grade along strike to the east, down dip especially where conjugate structures converge, and to the north where it is anticipated the the Ridout Tyrrell Deformation Zone strikes through the property.

It is recommended that careful mapping and prospecting to the north and east be conducted to characterize the mineralized vein development in those areas. Additionally, stripping and sampling near Trench 4 (see figure 2) on the east side of Caswell is recommended. The purpose of this work would be to find the source and extent of the higher grade quartz-tourmaline veining found in WP11-01 at surface.

8.0 ABORIGINAL CONSULTATION

The consultation took place during the months of January to April of 2021. It was hampered by COVID 19 conditions in that the First Nation communities were in lockdown for much of the period and all communication was by email, phone or video conferencing. The consultation was aimed at dealing with Platinex's wishes to commence exploration on its property in Shining Tree Ontario, obtain continued support from the Mattagami and Matachewan First Nations respecting the exploration, applying for the exploration plan and permit, revising the agreements with the First Nations, expanding the area to be subject to agreement in light of Platinex's property expansion in 2016 and 2017 and deal with employment and service providers recommended by the First Nations.

The aboriginal communities contacted are the Mattagami and Matachwan FN. Frequently the two FN are represented by the Wabun Council.

The consultation objectives were to deal with Platinex's wishes to commence exploration on its property in Shining Tree Ontario, obtain continued support from the Mattagami and Matachewan First Nations respecting the exploration, applying for the exploration plan and permit, revising the agreements with the First Nations, expanding the area to be subject to agreement in light of Platinex's property expansion in 2016 and 2017 and deal with employment and service providers recommended by the First Nations.

The project name is the Shining Tree Project. The focus of the exploration program is to progressively explore 33 km of very prospective deformation zone known as the Ridout Tyrrell Deformation Zone using all available tools to identify best drill targets and then drill. The main commodity sought is gold.

Figure 1 (page 15) presents an overview of the entire property. Figures 2 and 3 (pages 16 and 17) present the coverage of the plan (PL-21-000005) and permit (PR-21-000041) respectively, along with the claim locations, numbers, and the two locations where work was performed. Appendix I (page 26) contains a table which lists the mining claims and lease for which the consultation was performed.

The consultation was performed on Jan 15, 20, 25, Feb 10, 24, 25, March 5, 8, 9, April 3,6,14, and 16 in 2021.

James R. Trusler on behalf of Platinex, Nicole Charbonneau, Wabun Council, Tim Harvey, Mattagami FN and Kayla Schram Matachewan FN conducted the Consultation.

The discussions included problems of dealing with exploration proposals at this time (due to COVID) and importance of keeping things simple. It was decided to keep the exploration proposals within the area that had already been permitted before. A revised agreement was sought to include over 21 sq. km of Platinex ground, but that the bulk of permitting would be done at a later date. Details of the confidential agreements were discussed. Payment formulae for work done in 2020 were discussed. The future approach in dealing with the Temagami FN was discussed. Preferred contractors were discussed. It was agreed to notify the FN of progress on an interim basis.

As a result of the consultations new agreements were entered into with the two First Nations, an agreed formula for payment and schedule for same was resolved; the agreements cover the entire Shining Tree property and future adjacent acquisitions.

9.0 REFERENCES

Agnerian, H. June 2018 Technical Report on the Shining Tree Property, Ontario Prepared for Platinex Inc.

Ayer et al, 2012 OGS MRD 294

Ayer, J.A. 2000. The Abitibi greenstone belt: a program overview; in Summary of Field Work and Other Activities 2000, Ontario Geological Survey, Open File Report 6032 p 6-1 to 6-14.

Ayer, J.A. 1999. Geological compilation of the Abitibi greenstone belt in Ontario; toward a revised stratigraphy based on compilation and new geochronology results; Summary of Field Work and Other Activities, Ontario Geological Survey, Miscellaneous Paper 169, p.14-24.

Carter, M.W. 1987. Geology of the Shining Tree Area, districts of Sudbury and Timiskaming; Ontario
Geological Survey, Report 240, 48p.

Cluff, G.R. 1990. Exploration Activities – 1989 Herrick and Churchill Properties, Churchill Township, Ontario. Unocal Canada Limited.

Johns, G.W. 1996. Reappraisal of the Geology of the Shining Tree Area, districts of Sudbury and Timiskaming; Summary of Field Work and Other Activities 1997, Ontario Geological Survey, Miscellaneous Paper 166, p.13-15.

Johns, G.W. 1997. Reappraisal of the geology of the Shining Tree area, districts of Sudbury and Timiskaming. Summary of Field Work and Other Activities 1997, Ontario Geological Survey, Miscellaneous Paper 168, p.26-29.

Johns, G.W and Amelin, Y. 1999. Reappraisal of the geology of the Shining Tree area (East Part), districts of Sudbury and Timiskaming; Summary of Field Work and Other Activities 1999, Ontario Geological Survey, Miscellaneous Paper 169, p.43-50.

Johns, G.W. 1999a. Reappraisal of the geology of the Shining Tree area (West Part), District of Sudbury; Summary of Field Work and Other Activities 1999, Ontario Geological Survey, Open File Report 6000, p.6.1-6.7.

Johns, G.W. 1999b. Precambrian geology, Shining Tree area (east half); Ontario Geological Survey, Preliminary Map P.3389.

Johns, G.W. 2000. Precambrian geology, Shining Tree area (west half); Ontario Geological Survey, Preliminary Map P.3420.

Oliver, H.S., Hughes, D.J., Hall, R.P. and Johns, G.W. 1999a. Preliminary Geochemistry of Metavolcanic rocks of the Shining Tree Area; Abitibi Subprovince, Ontario; Summary of Field Work and Other Activities
1998, Ontario Geological Survey, Miscellaneous Paper 169, p.51-58.

Oliver, H.S., Hughes, D.J., Hall, R.P. and Johns, G.W. 1999b. The Mafic And Ultramafic Volcanics Of The ShiningTree Greenstone Belt, Northeastern Ontario, Canada; Summary of Field Work and Other Activities 1999,Ontario Geological Survey, Open File Report 6000, p.11.1-11.12.

Oliver, H.S., Johns, G.W., Thurston, P.C., Hughes, D.J. and Hall R.P. 1998 Preliminary geochemistry of the Shining Tree area; Abitibi Subprovince, Ontario; in Summary of Field Work and Other Activities 1998, Ontario Geological Survey, Miscellaneous Paper 169, p.51-58.

Certificate of Qualifications: James R. Trusler

I, James R. Trusler at Suite 807, 20 William Roe Blvd. Newmarket, Ontario do hereby certify that:

1) I am a Geological Engineer employed as Chairman and director of Platinex Inc. and I am also a major shareholder of Platinex Inc.;

2) I graduated from the University of Toronto with BA.Sc. in Geological Engineering in 1967. I obtained a Master of Science (Geology) from Michigan Technological University in 1972. I have practiced my profession full-time from 1967-1969 and from 1970 to present;

3) I am a Professional Engineer registered with the Professional Engineers Ontario (PEO #47064019);

4) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Shining Tree property;

5) As of the date of this certificate, to the best of my knowledge, information and belief, this report contains all scientific and technical information that is required to be disclosed to make the Diamond Drilling Caswell Lake and The Ridout-Tyrrel Deformation Zone on the Shining Tree Project for Platinex Inc. not misleading;

6) I have read National Instrument 43-101 and supervised the completion of the Diamond Drilling Caswell Lake and The Ridout-Tyrrel Deformation Zone on the Shining Tree Project for Platinex Inc. which has been prepared in compliance with the intent of National Instrument 43-101 and Form 43-101F1 but is not a Technical Report as defined by National Instrument 43-101;

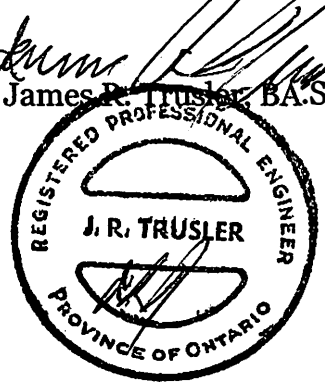
7) I have collaborated with Iain Trusler who prepared Diamond Drilling Caswell Lake and The Ridout-Tyrrel Deformation Zone on the Shining Tree Project for Platinex Inc. under my supervision;

8) I have visited the property on various occasions.

Dated at Newmarket, ON

March 10th, 2022

James R. Trusler, BA.Sc, MS, PEng



Certificate of Qualifications: Iain S. Trusler

I, Iain S. Trusler at 32 Richmond St., Richmond Hill, Ontario do hereby certify that:

1) I am a GIS consultant and Property Manager employed as such by Platinex Inc.;

2) I have practiced my profession full-time from 2010 to Present;

3) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Shining Tree property;

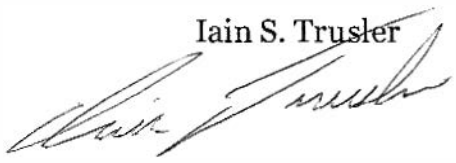
4) As of the date of this certificate, to the best of my knowledge, information and belief, this report contains all scientific and technical information that is required to be disclosed to make the Diamond Drilling Caswell Lake and The Ridout-Tyrrel Deformation Zone on the Shining Tree Project for Platinex Inc. not misleading;

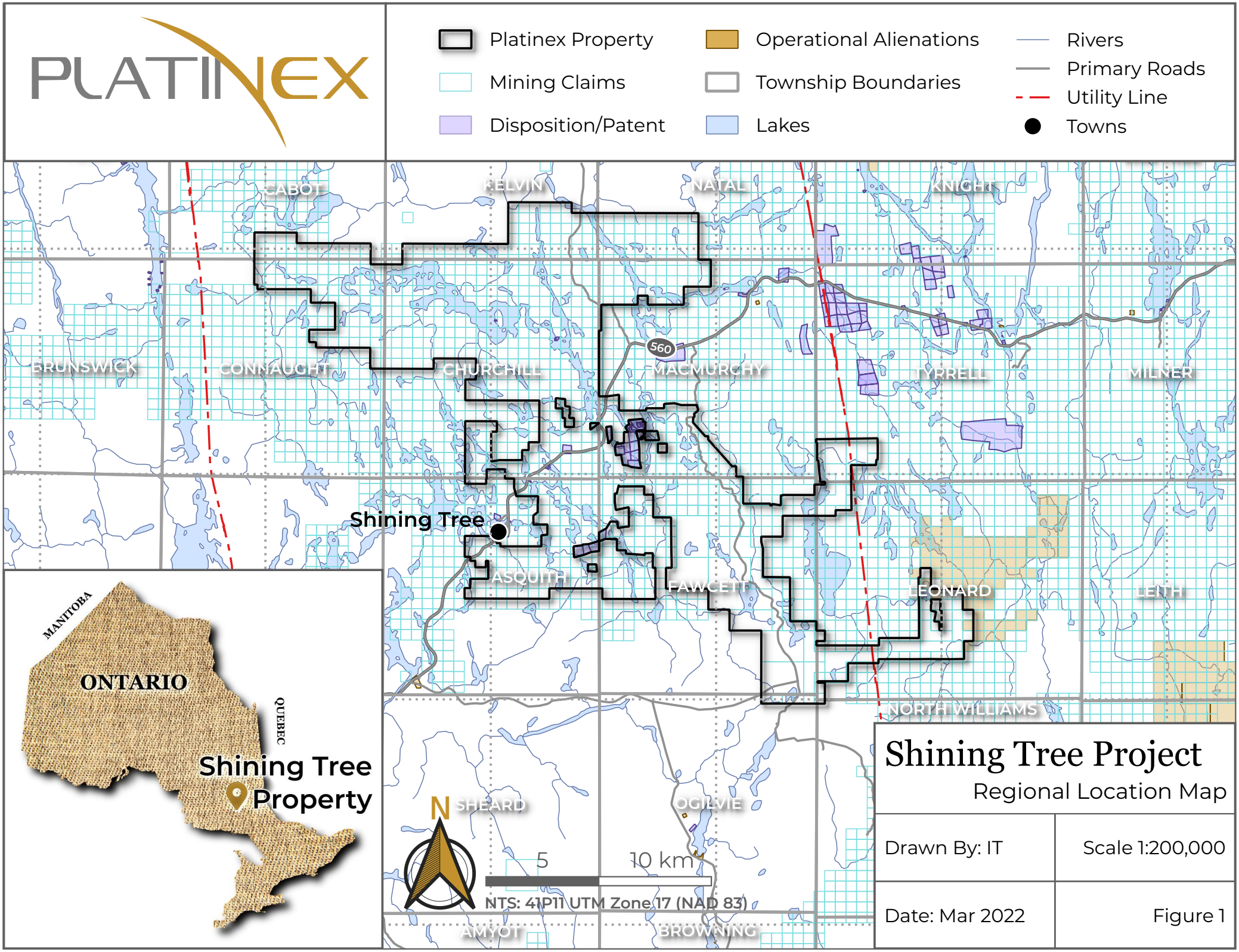
5) I have collaborated with James R Trusler who supervised Diamond Drilling Caswell Lake and The Ridout-Tyrrel Deformation Zone on the Shining Tree Project for Platinex Inc.;

6) I have visited the property once in October of 2011, and twice in March and April of 2012.

Dated at Richmond Hill, ON
March 10th, 2022

Iain S. Trusler




PLATINEX
Platinex Property
Mining Claims
Disposition/Patent
Operational Alienations
Township Boundaries
Lakes
Rivers
Primary Roads
Utility Line
Towns
460000
470000
480000
490000
500000
510000
5290000
5280000
5270000
5260000
5250000
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MACMURCHY
560
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MILNER
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ASQUITH
FAWCETT
LEONARD
LEITH
NORTH WILLIAMS
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OGILVIE
AMYOT
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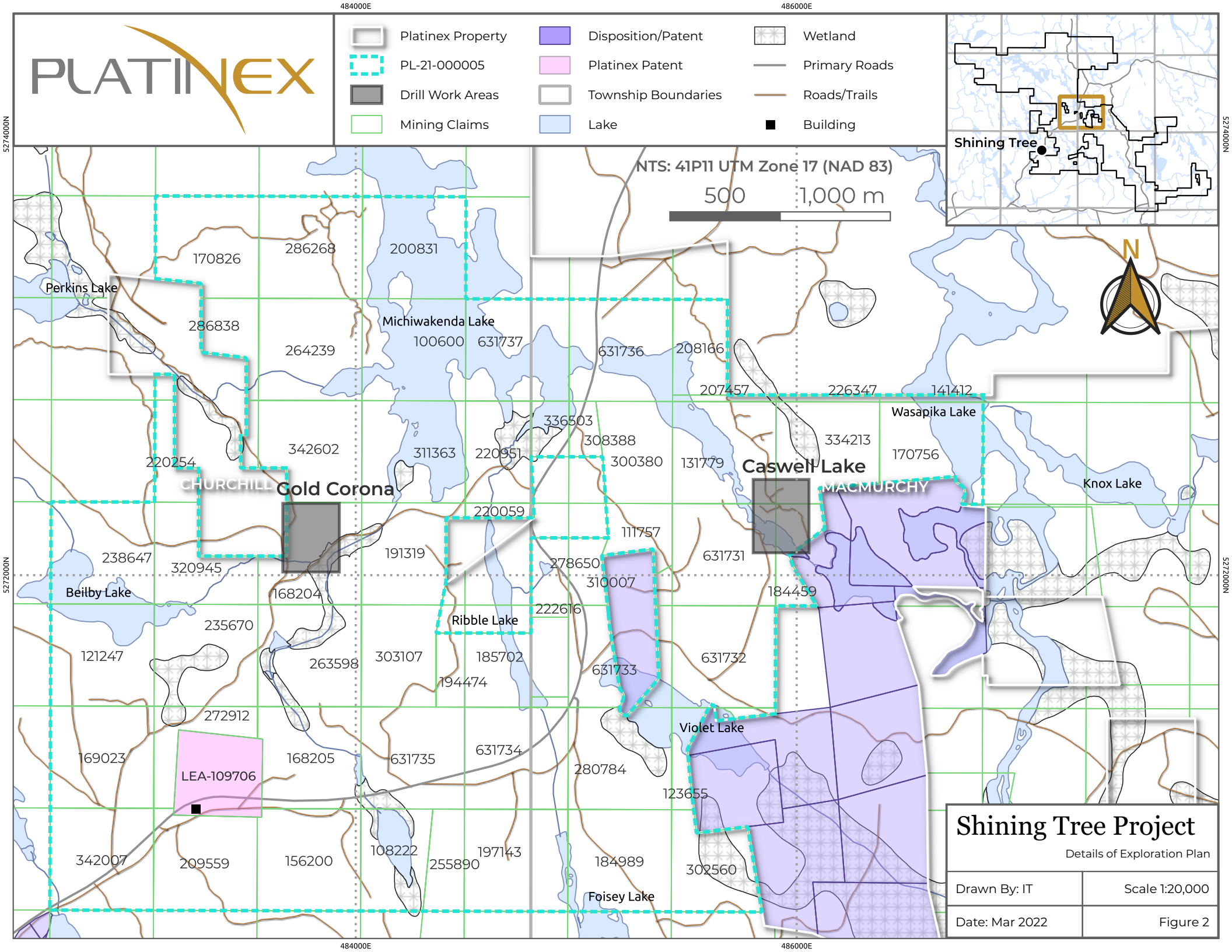
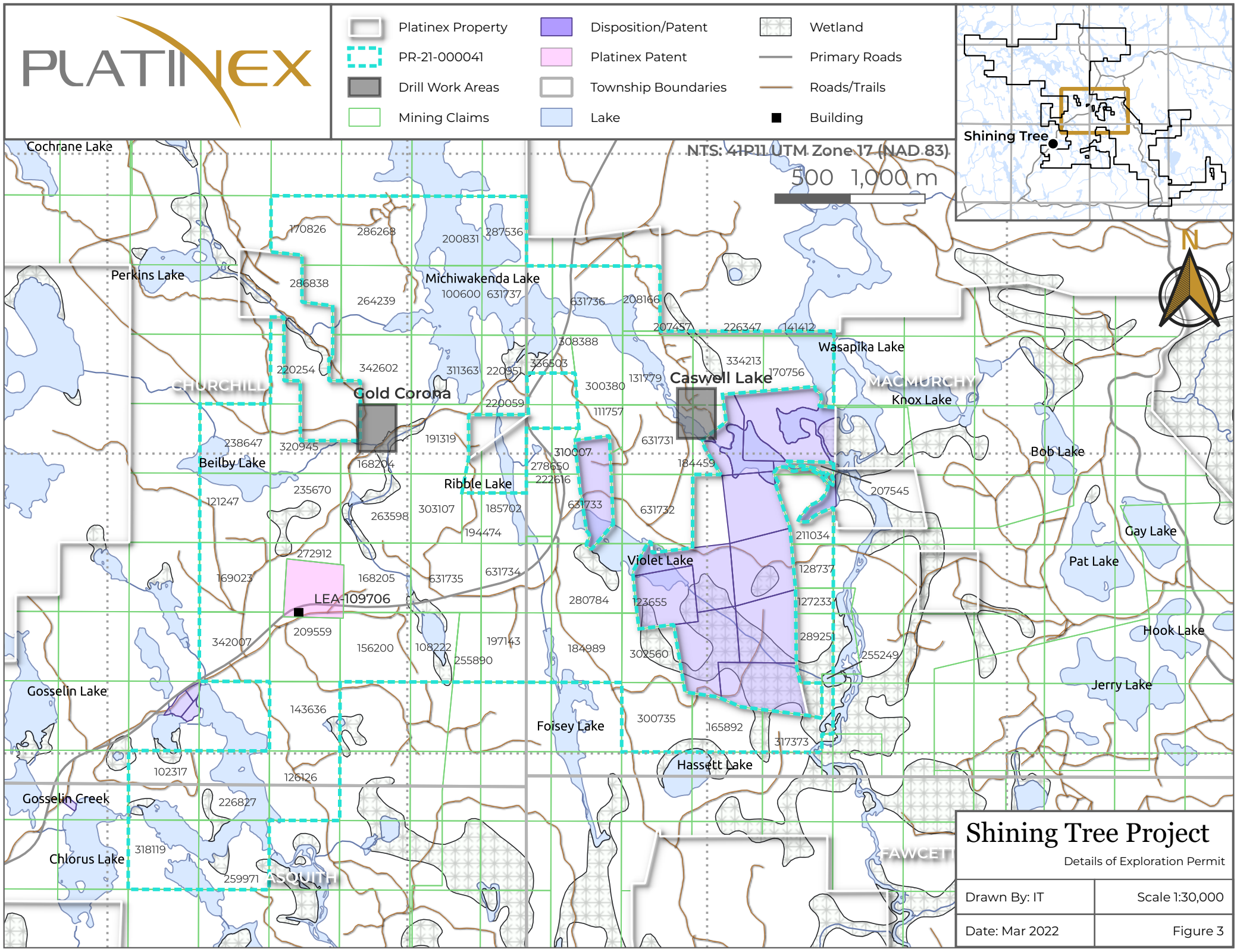
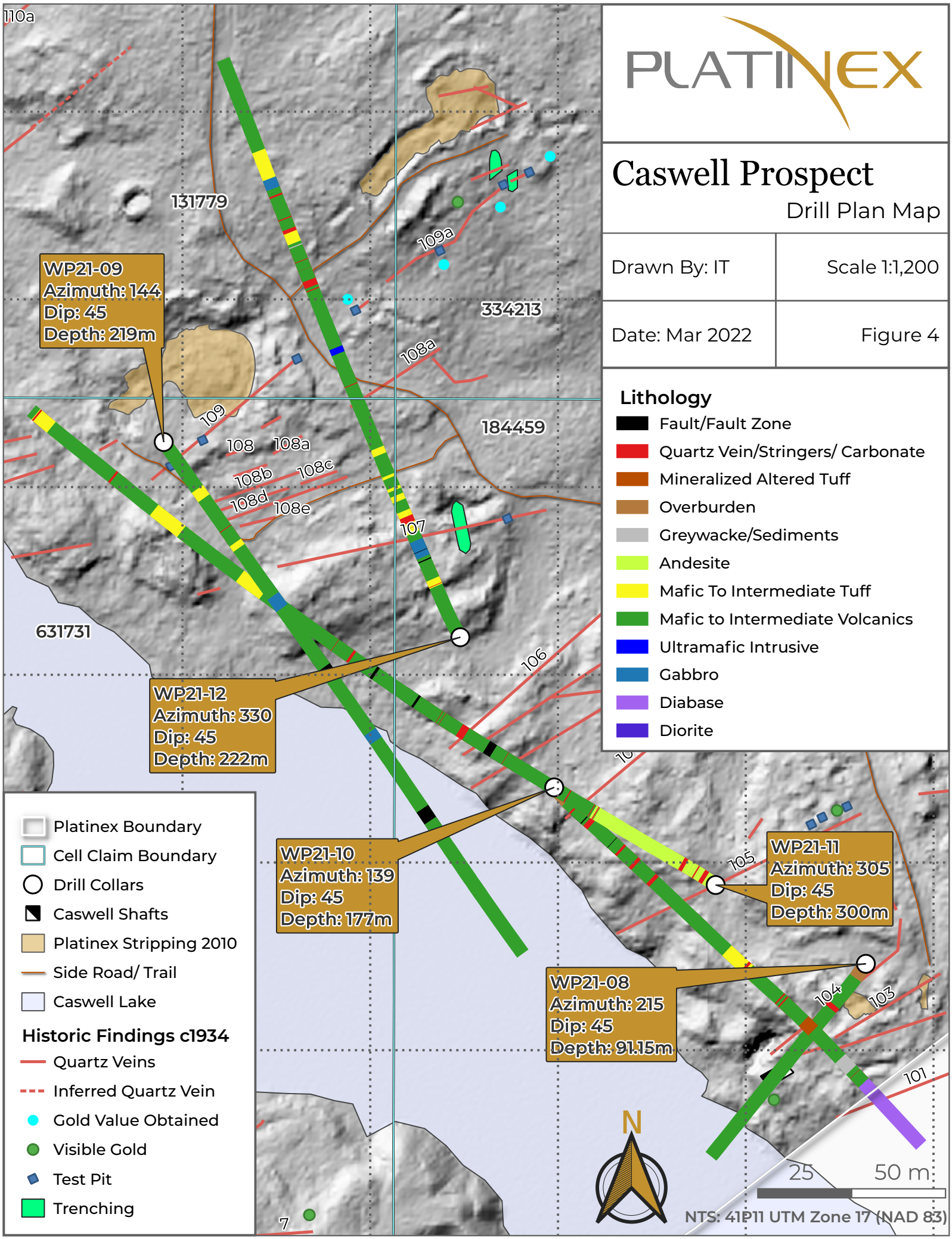
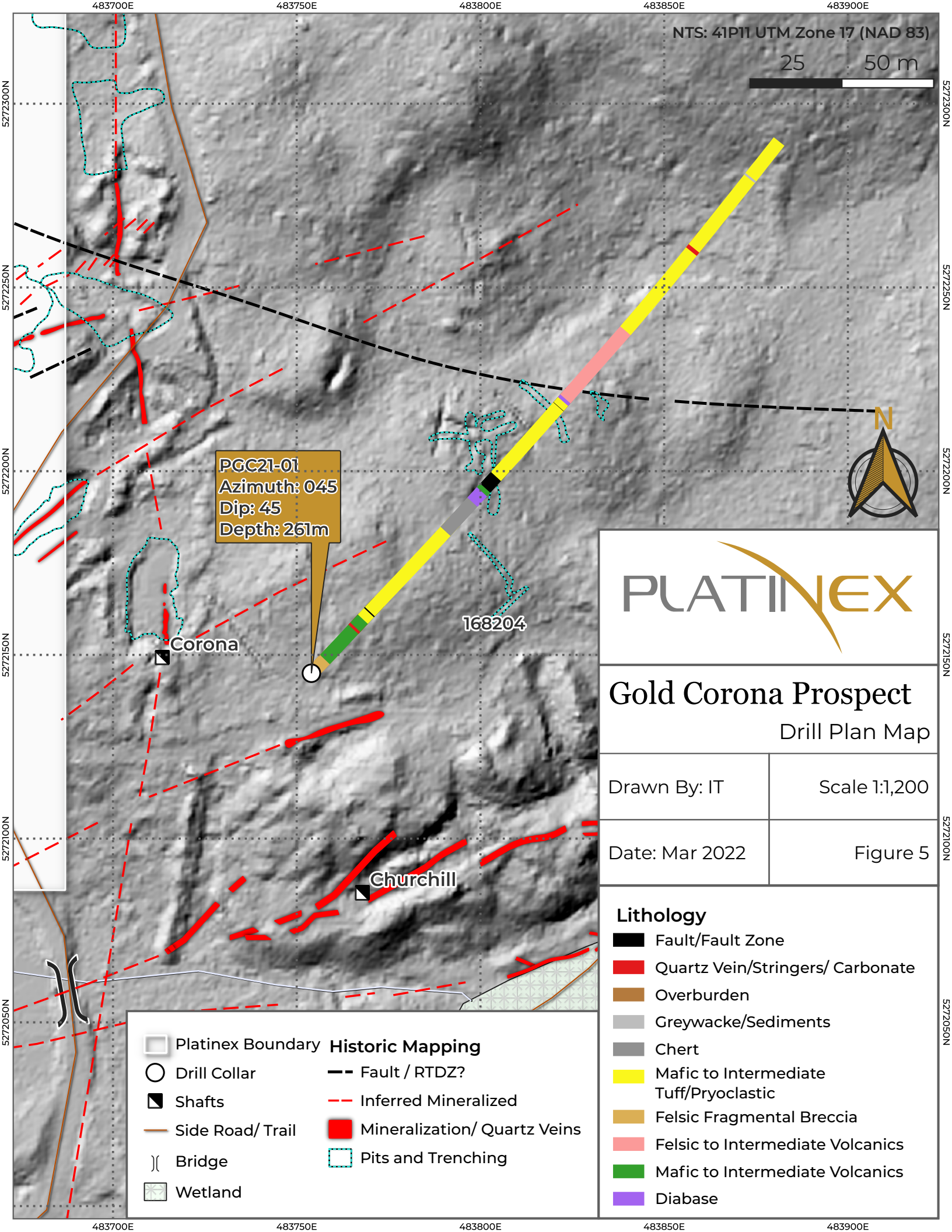
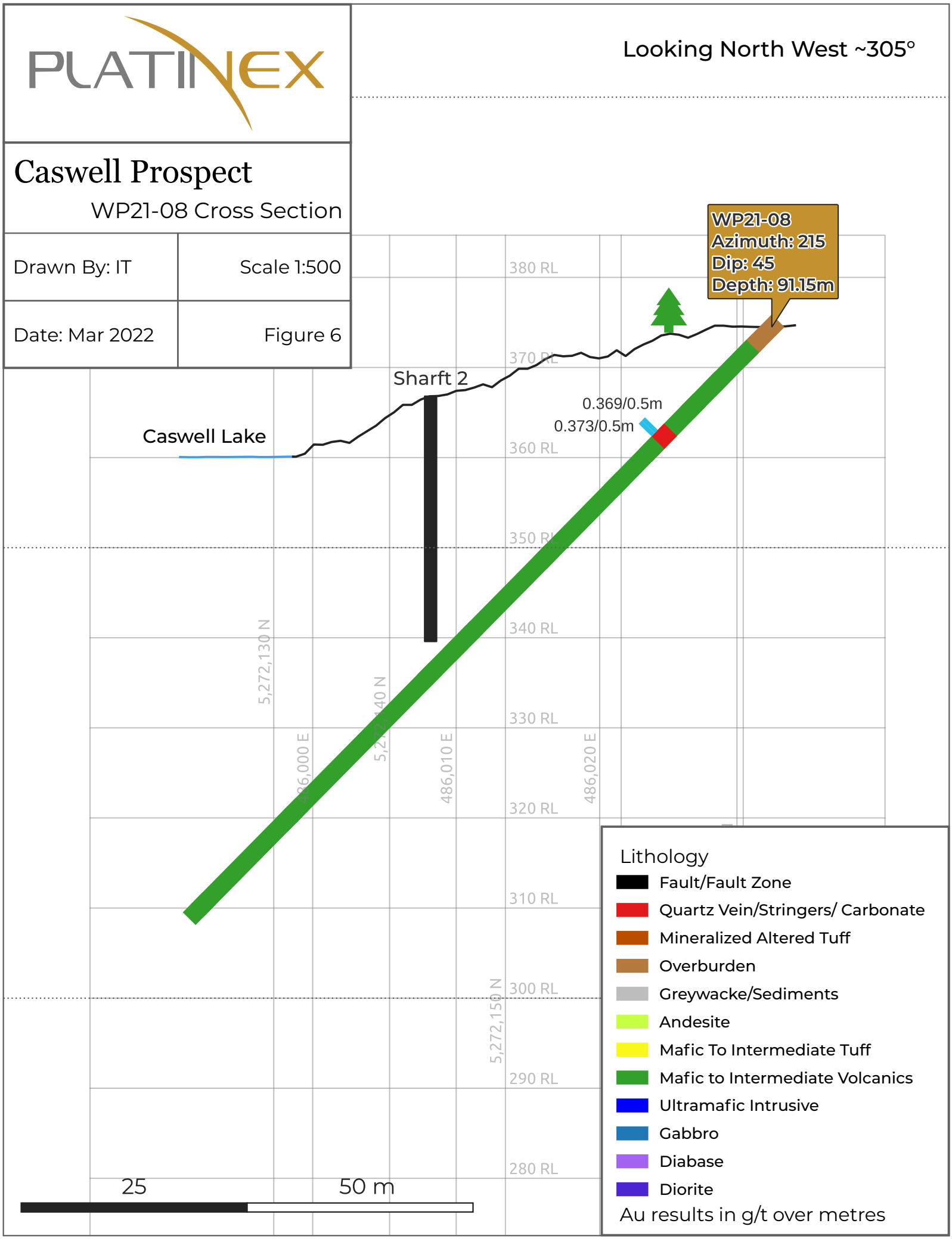
MANITOBA
ONTARIO
QUEBEC
Shining Tree
Property
N
5
10 km
NTS: 41P11 UTM Zone 17 (NAD 83)
Shining Tree Project
Regional Location Map
Drawn By: IT
Scale 1:200,000
Date: Mar 2022
Figure 1

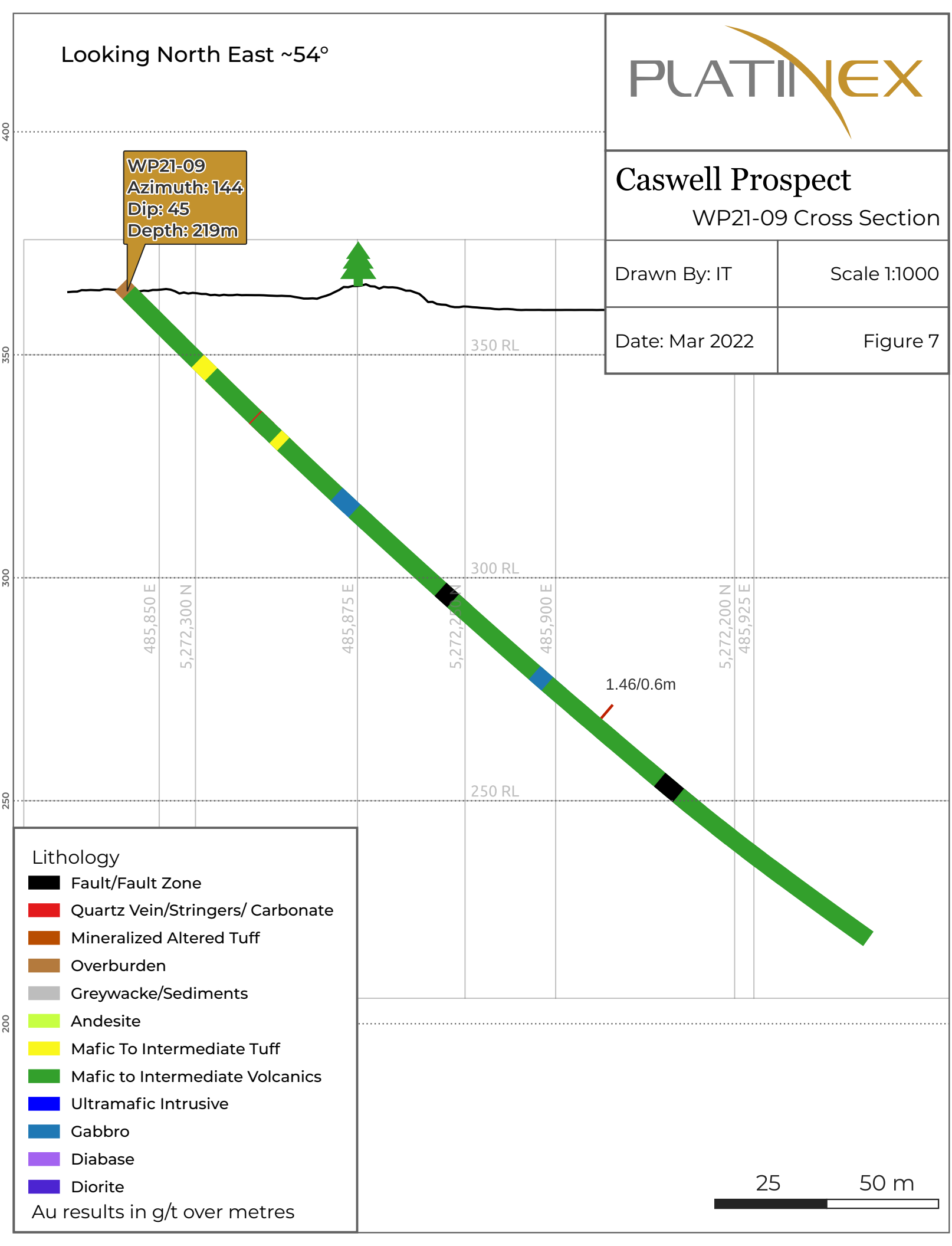

PLATINEX
Platinex Property
PL-21-000005
Drill Work Areas
Mining Claims
Disposition/Patent
Platinex Patent
Township Boundaries
Lake
Wetland
Primary Roads
Roads/Trails
Building
Shining Tree
NTS: 41P11 UTM Zone 17 (NAD 83)
500
1,000 m
N
484000E
486000E
5274000N
5272000N
Perkins Lake
Michiwakenda Lake
Wasapika Lake
Knox Lake
Caswell Lake
Gold Corona
CHURCHILL
MACMURCHY
Beilby Lake
Ribble Lake
Violet Lake
Foisey Lake
LEA-109706
170826
286268
200831
286838
264239
100600
631737
631736
208166
207457
226347
141412
336503
308388
334213
342602
311363
220951
300380
131779
170756
220254
220059
111757
238647
320945
191319
278650
631731
310007
184459
168204
222616
235670
121247
263598
303107
185702
631732
631733
194474
272912
169023
168205
631735
631734
280784
123655
342007
209559
156200
108222
255890
197143
184989
302560
Shining Tree Project
Details of Exploration Plan
Drawn By: IT
Scale 1:20,000
Date: Mar 2022
Figure 2

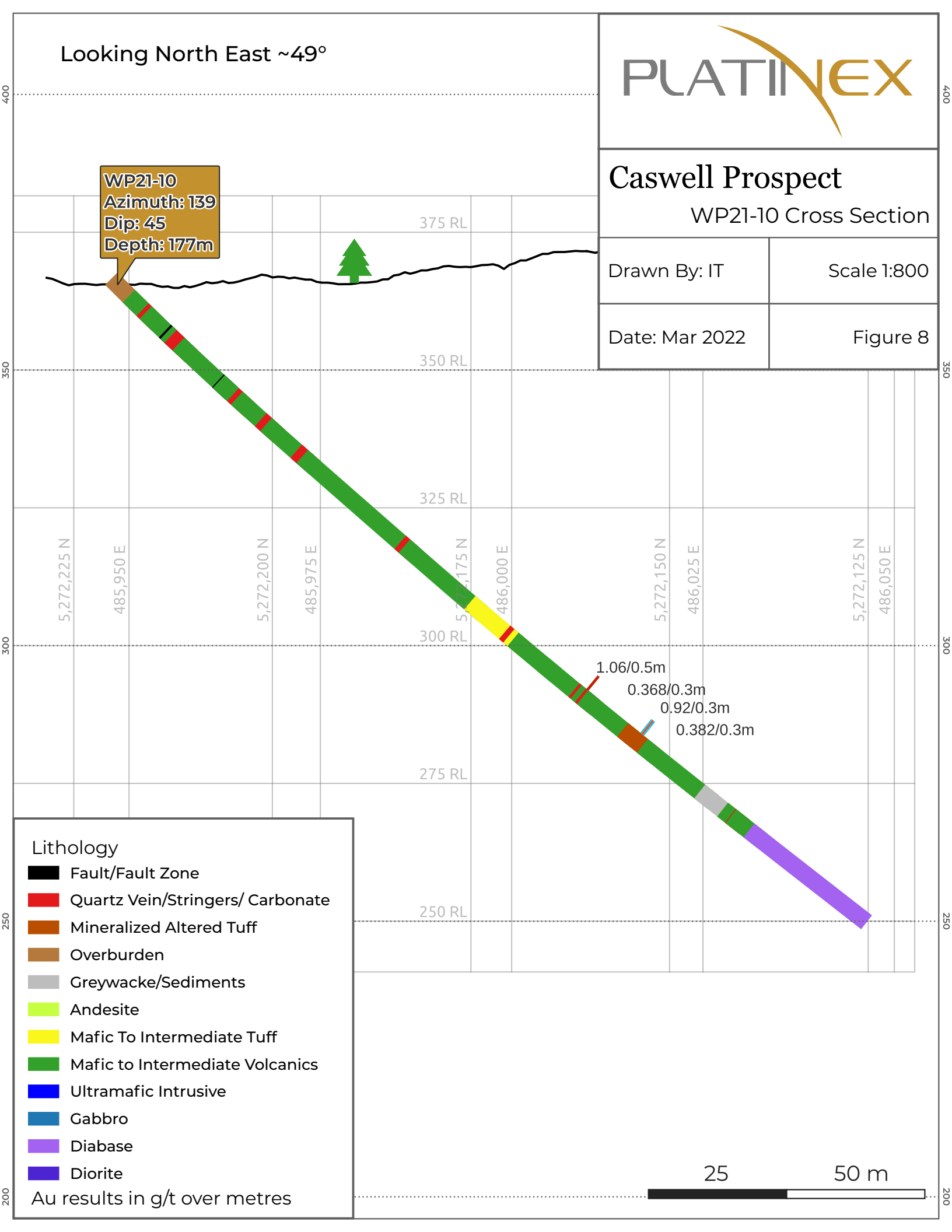

PLATINEX
Platinex Property
PR-21-000041
Drill Work Areas
Mining Claims
Disposition/Patent
Platinex Patent
Township Boundaries
Lake
Wetland
Primary Roads
Roads/Trails
Building
Shining Tree
NTS: 41P11 UTM Zone 17 (NAD 83)
500 1,000 m
N
482000E
484000E
486000E
488000E
5274000N
5272000N
5270000N
Cochrane Lake
Perkins Lake
Michiwakenda Lake
Wasapika Lake
Caswell Lake
Gold Corona
Knox Lake
Bob Lake
Beilby Lake
Ribble Lake
Violet Lake
Gay Lake
Pat Lake
Hook Lake
Jerry Lake
LEA-109706
Gosselin Lake
Foisey Lake
Hassett Lake
Gosselin Creek
Chlorus Lake
CHURCHILL
MACMURCHY
FAWCETT
ASQUITH
Shining Tree Project
Details of Exploration Permit
Drawn By: IT
Scale 1:30,000
Date: Mar 2022
Figure 3

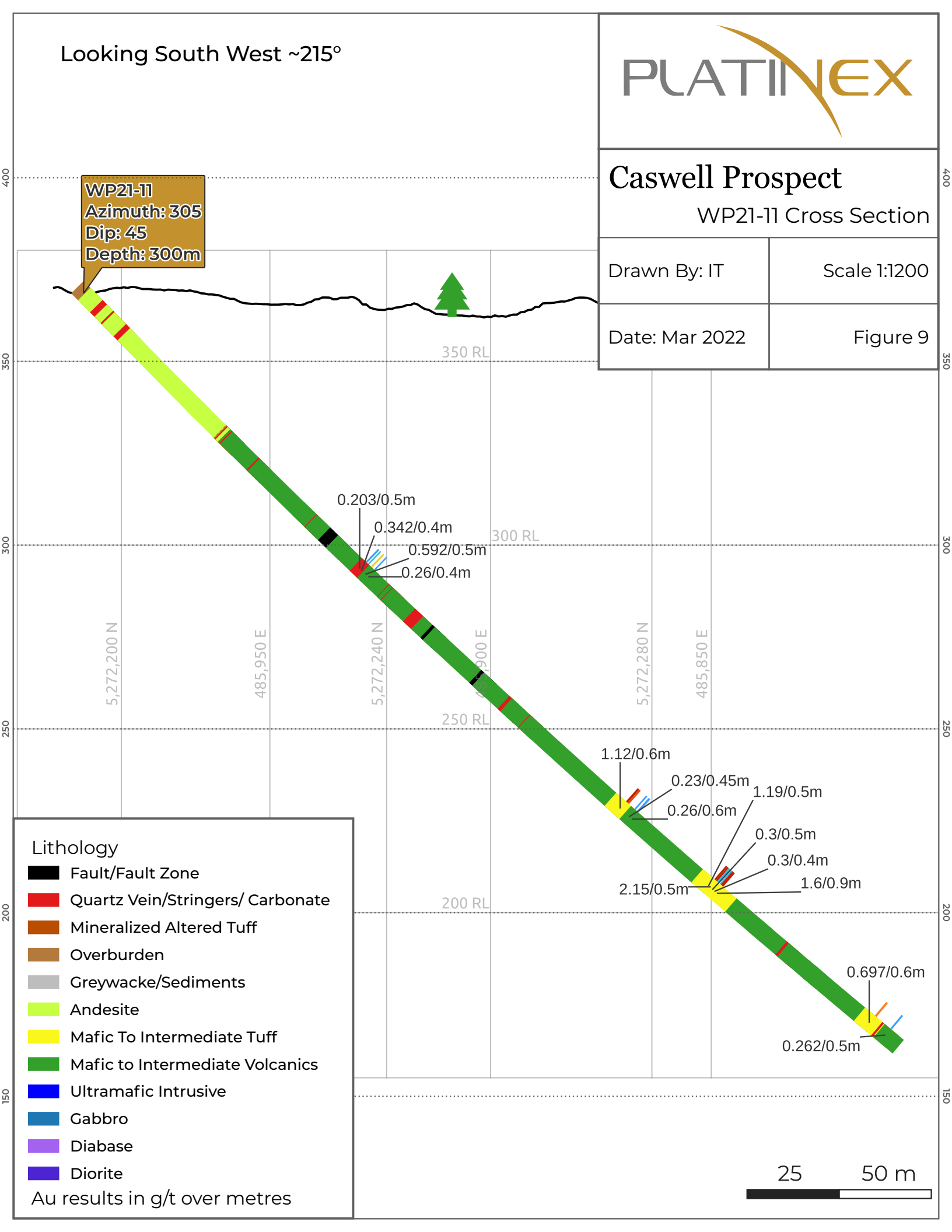

485850E
485900E
485950E
486000E
5272400N
5272350N
5272300N
5272250N
5272200N
5272150N
110a
131779
109a
334213
108a
109
108
108a
108b
108c
108d
108e
184459
107
631731
106
105
104
103
101
7
WP21-09
Azimuth: 144
Dip: 45
Depth: 219m
WP21-12
Azimuth: 330
Dip: 45
Depth: 222m
WP21-10
Azimuth: 139
Dip: 45
Depth: 177m
WP21-11
Azimuth: 305
Dip: 45
Depth: 300m
WP21-08
Azimuth: 215
Dip: 45
Depth: 91.15m
PLATINEX
Caswell Prospect
Drill Plan Map
Drawn By: IT
Scale 1:1,200
Date: Mar 2022
Figure 4
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
Platinex Boundary
Cell Claim Boundary
Drill Collars
Caswell Shafts
Platinex Stripping 2010
Side Road/ Trail
Caswell Lake
Historic Findings c1934
Quartz Veins
Inferred Quartz Vein
Gold Value Obtained
Visible Gold
Test Pit
Trenching
N
25
50 m
NTS: 41P11 UTM Zone 17 (NAD 83)

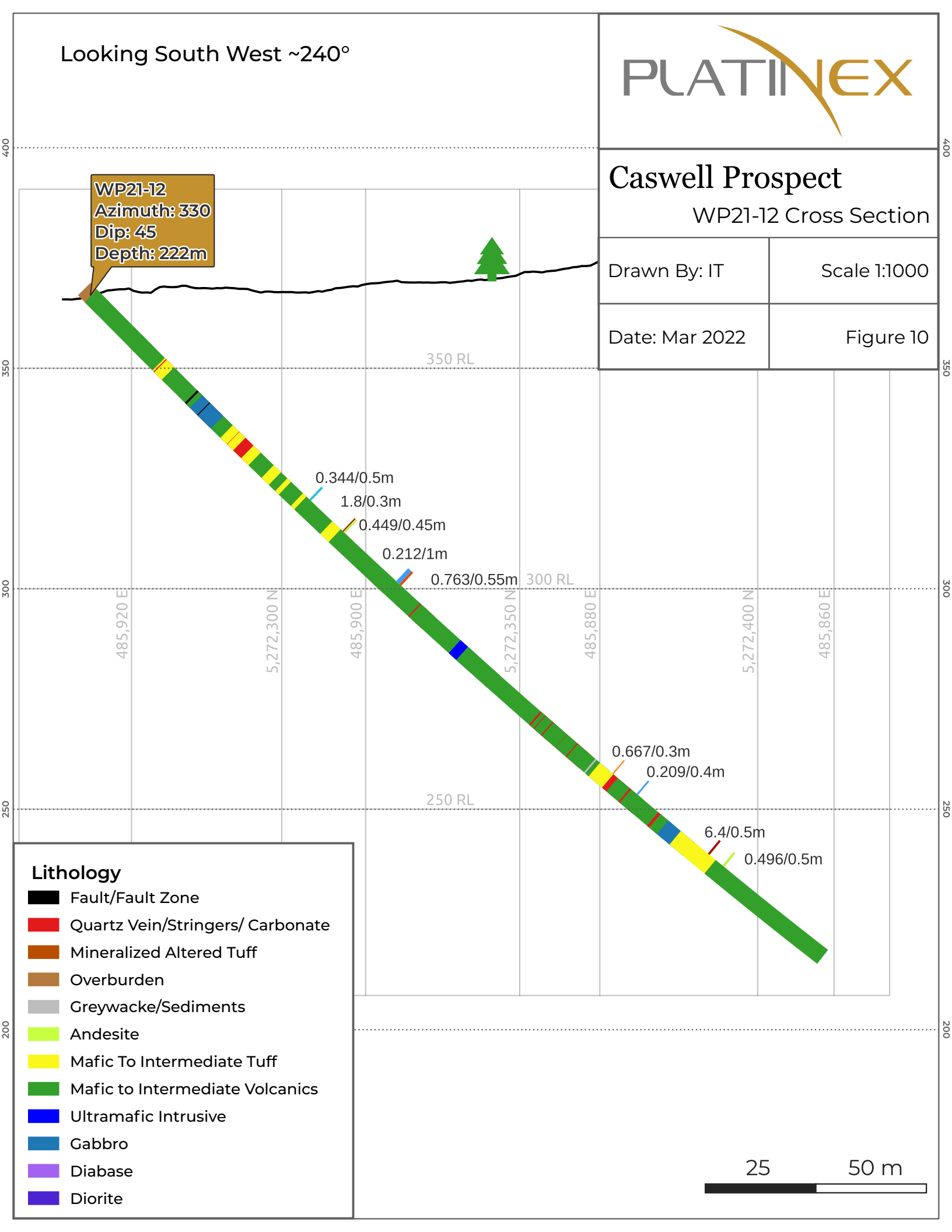

483700E
483750E
483800E
483850E
483900E
5272300N
5272250N
5272200N
5272150N
5272100N
5272050N
NTS: 41P11 UTM Zone 17 (NAD 83)
25
50 m
N
PGC21-01
Azimuth: 045
Dip: 45
Depth: 261m
168204
Corona
Churchill
PLATINEX
Gold Corona Prospect
Drill Plan Map
Drawn By: IT
Scale 1:1,200
Date: Mar 2022
Figure 5
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Overburden
Greywacke/Sediments
Chert
Mafic to Intermediate Tuff/Pryoclastic
Felsic Fragmental Breccia
Felsic to Intermediate Volcanics
Mafic to Intermediate Volcanics
Diabase
Platinex Boundary
Drill Collar
Shafts
Side Road/ Trail
Bridge
Wetland
Historic Mapping
Fault / RTDZ?
Inferred Mineralized
Mineralization/ Quartz Veins
Pits and Trenching

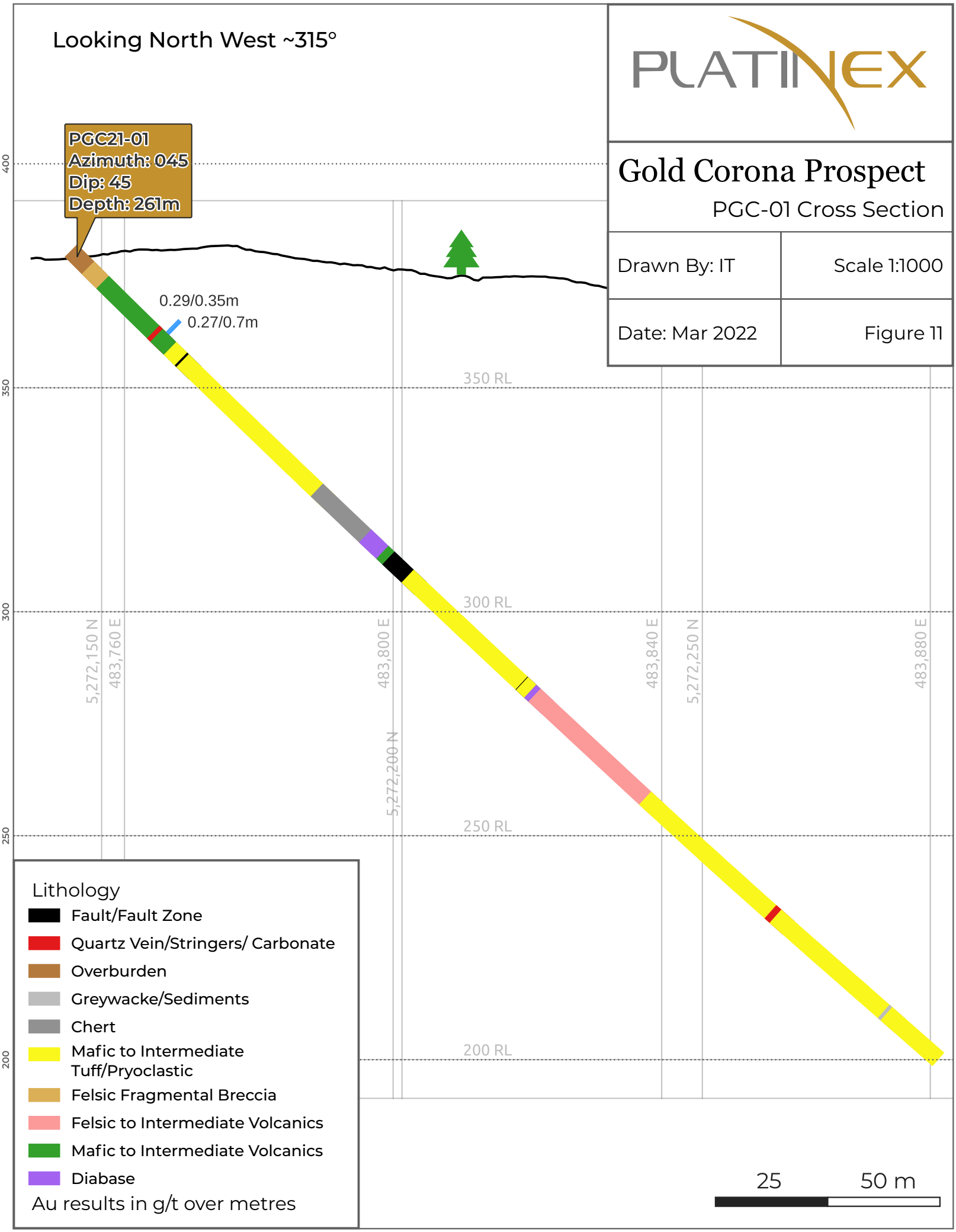

PLATINEX
Looking North West ~305°
Caswell Prospect
WP21-08 Cross Section
Drawn By: IT
Scale 1:500
Date: Mar 2022
Figure 6
WP21-08
Azimuth: 215
Dip: 45
Depth: 91.15m
Sharft 2
Caswell Lake
0.369/0.5m
0.373/0.5m
380 RL
370 RL
360 RL
350 RL
340 RL
330 RL
320 RL
310 RL
300 RL
290 RL
280 RL
400
350
300
5,272,130 N
5,272,140 N
5,272,150 N
486,000 E
486,010 E
486,020 E
25
50 m
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
Au results in g/t over metres


Looking North East ~54°
PLATINEX
Caswell Prospect
WP21-09 Cross Section
Drawn By: IT
Scale 1:1000
Date: Mar 2022
Figure 7
WP21-09
Azimuth: 144
Dip: 45
Depth: 219m
400
350
300
250
200
350 RL
300 RL
250 RL
485,850 E
5,272,300 N
485,875 E
485,900 E
5,272,200 N
485,925 E
1.46/0.6m
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
Au results in g/t over metres
25
50 m


Looking North East ~49°
PLATINEX
Caswell Prospect
WP21-10 Cross Section
Drawn By: IT
Scale 1:800
Date: Mar 2022
Figure 8
WP21-10
Azimuth: 139
Dip: 45
Depth: 177m
375 RL
350 RL
325 RL
300 RL
275 RL
250 RL
5,272,225 N
485,950 E
5,272,200 N
485,975 E
5,272,175 N
486,000 E
5,272,150 N
486,025 E
5,272,125 N
486,050 E
1.06/0.5m
0.368/0.3m
0.92/0.3m
0.382/0.3m
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
Au results in g/t over metres
25
50 m


Looking South West ~215°
PLATINEX
Caswell Prospect
WP21-11 Cross Section
Drawn By: IT
Scale 1:1200
Date: Mar 2022
Figure 9
WP21-11
Azimuth: 305
Dip: 45
Depth: 300m
400
350
300
250
200
150
350 RL
300 RL
250 RL
200 RL
5,272,200 N
485,950 E
5,272,240 N
485,900 E
5,272,280 N
485,850 E
0.203/0.5m
0.342/0.4m
0.592/0.5m
0.26/0.4m
1.12/0.6m
0.23/0.45m
0.26/0.6m
1.19/0.5m
0.3/0.5m
0.3/0.4m
2.15/0.5m
1.6/0.9m
0.697/0.6m
0.262/0.5m
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
Au results in g/t over metres
25
50 m


Looking South West ~240°
PLATINEX
Caswell Prospect
WP21-12 Cross Section
Drawn By: IT
Scale 1:1000
Date: Mar 2022
Figure 10
WP21-12
Azimuth: 330
Dip: 45
Depth: 222m
400
350
300
250
200
350 RL
300 RL
250 RL
485,920 E
5,272,300 N
485,900 E
5,272,350 N
485,880 E
5,272,400 N
485,860 E
0.344/0.5m
1.8/0.3m
0.449/0.45m
0.212/1m
0.763/0.55m
0.667/0.3m
0.209/0.4m
6.4/0.5m
0.496/0.5m
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Mineralized Altered Tuff
Overburden
Greywacke/Sediments
Andesite
Mafic To Intermediate Tuff
Mafic to Intermediate Volcanics
Ultramafic Intrusive
Gabbro
Diabase
Diorite
25
50 m


Looking North West ~315°
PLATINEX
Gold Corona Prospect
PGC-01 Cross Section
Drawn By: IT
Scale 1:1000
Date: Mar 2022
Figure 11
PGC21-01
Azimuth: 045
Dip: 45
Depth: 261m
0.29/0.35m
0.27/0.7m
400
350
300
250
200
350 RL
300 RL
250 RL
200 RL
5,272,150 N
483,760 E
483,800 E
5,272,200 N
483,840 E
5,272,250 N
483,880 E
Lithology
Fault/Fault Zone
Quartz Vein/Stringers/ Carbonate
Overburden
Greywacke/Sediments
Chert
Mafic to Intermediate Tuff/Pryoclastic
Felsic Fragmental Breccia
Felsic to Intermediate Volcanics
Mafic to Intermediate Volcanics
Diabase
Au results in g/t over metres
25
50 m

Appendix I

Plan and Permit Claim List

Claim Number	Township	Plan/Permit	Ownership
259971	Asquith	Permit	Platinex Inc.
318119	Asquith	Permit	Platinex Inc.
100600	Churchill	Both	Platinex Inc.
108222	Churchill	Both	Platinex Inc.
121247	Churchill	Both	Platinex Inc.
143636	Churchill	Permit	Platinex Inc.
156200	Churchill	Both	Platinex Inc.
168204	Churchill	Both	Platinex Inc.
168205	Churchill	Both	Platinex Inc.
169023	Churchill	Both	Platinex Inc.
170826	Churchill	Both	Platinex Inc.
191319	Churchill	Both	Platinex Inc.
194474	Churchill	Both	Platinex Inc.
200831	Churchill	Both	Platinex Inc.
209559	Churchill	Both	Platinex Inc.
220254	Churchill	Both	Platinex Inc.
235670	Churchill	Both	Platinex Inc.
238647	Churchill	Both	Platinex Inc.
255890	Churchill	Both	Platinex Inc.
263598	Churchill	Both	Platinex Inc.
264239	Churchill	Both	Platinex Inc.
272912	Churchill	Both	Platinex Inc.
286268	Churchill	Both	Platinex Inc.
286838	Churchill	Both	Platinex Inc.
287536	Churchill	Permit	Platinex Inc.
303107	Churchill	Both	Platinex Inc.
311363	Churchill	Both	Platinex Inc.
320945	Churchill	Both	Platinex Inc.
342007	Churchill	Both	Platinex Inc.
342602	Churchill	Both	Platinex Inc.
631735	Churchill	Both	Platinex Inc.
LEA-109706	Churchill	Both	Platinex Inc.
102317	Churchill, Asquith	Permit	Platinex Inc.
126126	Churchill, Asquith	Permit	Platinex Inc.
226827	Churchill, Asquith	Permit	Platinex Inc.
185702	Churchill, MacMurchy	Both	Platinex Inc.
197143	Churchill, MacMurchy	Both	Platinex Inc.

Claim Number	Township	Plan/Permit	Ownership
220059	Churchill, MacMurchy	Permit	Platinex Inc.
220951	Churchill, MacMurchy	Both	Platinex Inc.
631734	Churchill, MacMurchy	Both	Platinex Inc.
631737	Churchill, MacMurchy	Both	Platinex Inc.
111757	MacMurchy	Both	Platinex Inc.
123655	MacMurchy	Both	Platinex Inc.
127233	MacMurchy	Permit	Platinex Inc.
128737	MacMurchy	Permit	Platinex Inc.
131779	MacMurchy	Both	Platinex Inc.
141412	MacMurchy	Permit	Platinex Inc.
165892	MacMurchy	Permit	Platinex Inc.
170756	MacMurchy	Both	Platinex Inc.
184459	MacMurchy	Both	Platinex Inc.
184989	MacMurchy	Both	Platinex Inc.
207457	MacMurchy	Permit	Platinex Inc.
207545	MacMurchy	Permit	Platinex Inc.
208166	MacMurchy	Both	Platinex Inc.
211034	MacMurchy	Permit	Platinex Inc.
222616	MacMurchy	Both	Platinex Inc.
226347	MacMurchy	Permit	Platinex Inc.
255249	MacMurchy	Permit	Platinex Inc.
278650	MacMurchy	Both	Platinex Inc.
280784	MacMurchy	Both	Platinex Inc.
289251	MacMurchy	Permit	Platinex Inc.
300380	MacMurchy	Both	Platinex Inc.
300735	MacMurchy	Permit	Platinex Inc.
302560	MacMurchy	Both	Platinex Inc.
308388	MacMurchy	Both	Platinex Inc.
310007	MacMurchy	Permit	Platinex Inc.
310007	MacMurchy	Both	Platinex Inc.
317373	MacMurchy	Permit	Platinex Inc.
334213	MacMurchy	Both	Platinex Inc.
336503	MacMurchy	Both	Platinex Inc.
631731	MacMurchy	Both	Platinex Inc.
631732	MacMurchy	Both	Platinex Inc.
631733	MacMurchy	Both	Platinex Inc.
631736	MacMurchy	Both	Platinex Inc.

Appendix II

Drill Hole Logs

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Down Hole Tests				
Type	Depth		Dip	Azimuth
Reflex	15		45.70	219.80
Reflex	45		45.40	218.90

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Felex Instrument reading.

Grid Coordinates: UTM NAD 83 - Zone 17N

UTM Coordinates: N: 5272173 E: 486032

Dip: 45 Elevation: 375.48

Azimuth: 215 Total Depth: **91.15**

Core Size: NQ # of Boxes 21 McBride

Target: _____

Date Started: April 19th, 2021

Date Completed: April 20th, 2021

Claim#: 184459

Contractor: **Missinaibi Drilling Servieces**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
0.00	3.00	Overburden																		
3.00	4.00	Rubbly Core	Bits and pieces of assorted rock lithologies. Pieces of bounders in the overburden and surface of the subcrop																	
4.00	8.90	Mafic Volcanics Moderately to Strongly Strained	Medium green grey and bleached out a bit at the overburden contact. Generally medium to coarse grained. Moderately to strongly foliated at approx 20° to core axis. Moderate to strong pervasive carbonatization, particularly where light coloured Q/C veinlets present at an angle to and within the foliation. Veinlets within the foliation seem to offset the veinlet at higher angles to the core axis. Some of the veinlets in the foliation have a pinkidh tinge. Veinlets from hairline to 2cm thick. Only occasional trace of pyrite grains noted.																	
			Unit Sampling:																	
			Veinlets both within and cross cutting foliation. Trace pyrite at base										J356128	4.70	5.00	0.30	18			
			Veinlets both within and cross cutting foliation. Trace pyrite at base										J356129	6.80	7.60	0.80	9			
8.90	12.40	Mafic Volanic Underformed to Weakly (locally) Strained	Typical medium to coarse grained dark green mafic volcanic. Generally massive in apearance with only a very weak foliation developed very locally. Leucoxene specks notable locally. Low to moderate pervasive carbonatization. Numberous irregular Q/C and C veinlets from hairline to 1.5cm thick (a rarity) Some pink tinge of the carbonate notable. Vein "sets" at 30° to core axis, +50-60° to core axis. Interesting note that 12/1-13.55m is one solid pieve of core, not really been foliated too bad one would think even where foliation is notable. Some of the Q/C veinlets have meatite/spearlarite filled fractures running though them. May be a little epidote associated in the walls of some of the veinlets. Unit is pervasively moderately chloritized																	
			Unit Sampling:																	
			Irregular Q/C veinlets +/- epidote +/- hematite with trace diss. Pyrite										J356130	10.40	11.40	1.00	< 5			
			Irregular Q/C veinlets +/- epidote +/- hematite with trace diss. Pyrite										J356131	11.40	12.40	1.00	5			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
12.40	24.55	Mafic Volcanic	Typical mafic volcanic flow as perviously described except with a stong strain superimposed. The deformation "contact" is gradual over maybe 0/5m at the top of the unit. The colour of the fliated interval is light, more bleached and probably sericitized in the vicinity of the Q/C veining in the core of the unit from approximately 16.7m to 20.85m. The main foliation through the shear is 20-30° to core axis, however a second trend is notable at about 40° to the core axis. The 40° set of veins with structure are offset by the 20° set my minial amounts. Both sets seem to carry sulphides but the 20° set seems to host more. The central core of the shear has trace-1% disseminated pyrite grains and small blebs disseminated through the host as well as the veinlets. One of the high angle veinlets has clots of Tourmaline associated. Sulphides are not usually in the veinlets themselves but occur along the margins and in the host rock adjacent to the veinlets. Sulphide stringers do not test conductive																		
		Strongly Strained																			
			Unit Sampling:																		
			Start of foliated zone, trace veinlets, trace disseminated pyrite										J356132	12.40	13.00	0.60	< 5				
			Start of foliated zone, trace veinlets, trace disseminated pyrite										J356133	13.00	14.00	1.00	< 5				
			Bleaching and veining starting, trace sericite, chlorite on fracture, trace diss. Py										J356134	14.00	15.00	1.00	32				
			Bleaching and veining starting, trace sericite, chlorite on fracture, trace diss. Py										J356135	15.00	16.00	1.00	20				
			Bleaching and veining starting, trace sericite, chlorite on fracture, trace+ diss. Py										J356136	16.00	16.50	0.50	14				
			Bleaching and veining starting, trace sericite, chlorite on fracture, trace diss. Py										J356137	16.50	17.00	0.50	103				
			Bleaching and veining intensifying, sulphide stringers 1-2% diss. Py and stringers										J356138	17.00	17.50	0.50	369				
			Bleaching and veining intensifying, sulphide stringers 1-2% diss. Py and stringers										J356139	17.50	18.00	0.50	373				
			Control standard #61d OREAS										J356140				4109				
			Core of the shear zone, trace tourmaline with Q/C veinlets, 2 generations of veinlets										J356141	18.00	18.50	0.50	150				
			Fine pyrite stringers with Q/C veinlets locally, rare blebs to 2mm or so disseminated through the host rock. 1-3% pyrite locally. Trace+ sericite										J356142	18.50	19.00	0.50	55				
			Less veining but still core of the zone with disseminated pyrite 1-3%										J356143	19.00	19.50	0.50	95				
			Less veining but still core of the zone with disseminated pyrite 1-3%										J356144	19.50	20.00	0.50	46				
			A few more Q/C veinlets but trace-2% disseminated pyrite										J356145	20.00	20.50	0.50	50				
			A few more Q/C veinlets but trace-2% disseminated pyrite										J356146	20.50	21.00	0.50	19				
			Foliation still notable but pronounced decrease in Q/C, sericite and py to trace.										J356147	21.00	22.00	1.00	13				
			Foliation still notable but pronounced decrease in Q/C, sericite and py to trace.										J356148	22.00	23.00	1.00	< 5				
			Foliation still notable but pronounced decrease in Q/C, sericite and py to trace.										J356149	23.00	24.00	1.00	< 5				
			Foliation still notable but pronounced decrease in Q/C, sericite and py to trace.										J356150	24.00	24.55	0.55	< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
24.55	35.70	Mafic Volcanic Undeformed	Medium to dark green mottled with light sections epidotized. Massive and medium grained locally a bit coarser or finer over shot sections. No measurable foliation notable. IrregularQ.C and C veinlets through the chloritized unit. Bottom 1/2 of the unit is weakly to moderately pervasively carbonatized. Unit could almost be gabbro if intrusive, don't see contats per se. Leucoxene specks.																		
			Unit Sampling: Check Only																		
			Unit contat with shear above, low angle Q/C veinlet with epidote in underformed MV, trace disseminated pyrite										J356151	24.55	25.55	1.00	< 5				
			2cm thick Q/C veinlet at 40° to core axis, chlorite streaks, trace pyrite on margins										J356152	31.00	31.30	0.30	< 5				
			Trace-1% pyrite blebs to 3mm grains Trace+, 3mm high angle Q/C margins										J356153	32.00	33.00	1.00	< 5				
			4cm Carb veinlet @ high angle to core axis, Tr Py locally, contact with shear below										J356154	34.70	35.70	1.00	< 5				
35.70	47.70	Mafic Volcanic Weak to Moderately+ Deformation	Light to moderate green grey speckled colour. Medium to fine grained variable grain size and foliation intensity over short intervals through the unit. Almost have the impression at the top of the unit particularly that may be tuffaceous. Colour darkens to the usual medium to dark green for about 42m or so, above thes unit seems to be a bit bleached with more intense presence of Q/C on C veining. Unit is variably pervasively carbonatized to strong locally. Foliation is at a low angle of approx 20° to the core axis. The core of the zone +/-37-38m is a much lighter green colour with associated Q/C and C veinlets at +/-40° to core axis, trace-1% disseminated pyrite in margins locally. Maybe a little light green epidote halo banding some of the veinlets. Often times hosting small grains or blebs of pyrite.																		
			Unit Sampling:																		
			1cm thick Q/C veinlet with Chl clots, trace pyrite (tuff?)										J356155	35.70	36.70	1.00	< 5				
			Irregular cross cutting Q/C veinlets in foliated MV (tuff?) trace+ pyrite										J356156	36.70	37.00	0.30	39				
			Core of the shear zone, strong Q/C veining at 30° to core axis, bleacing and 1-2% disseminated pyrite. (Should be IP target?)										J356157	37.00	38.00	1.00	102				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356158	38.00	39.00	1.00	50				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356159	39.00	40.00	1.00	23				
			Control standard BLANK										J356160				< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356161	40.00	41.00	1.00	7				
		Continued	Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356162	41.00	42.00	1.00	9				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356163	42.00	43.00	1.00	< 5				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356164	43.00	44.00	1.00	< 5				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356165	44.00	45.00	1.00	5				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite, Very low angle veinlet sub-parallel to core axis with pink carb										J356166	45.00	46.00	1.00	< 5				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356167	46.00	47.00	1.00	< 5				
			Foliated MV with irregular Q/C and C veinlets, trace pyrite										J356168	47.00	47.70	0.70	< 5				
47.70	50.00	Mafic Volanic	Medium to dark green colour. Medium to fine grained. Massive. Moderate chloritization. Variable pervasive carbonatization from weak to moderate. Irregular C and Q/C veinlets. Gradational contacts top and bottom over +/- 20cm or so. Beige leucoxene specks notable locally. Very sparse grains of pyrite notable occasionally.																		
		Underformed to																			
		Weakly																			
		Strained																			
			Unit Sampling: Continuity only																		
			Irregular Q/C + C veinlets, low angles seem to offset high angles, trace pyrite										J356169	47.70	48.85	1.15	9				
			Irregular Q/C + C veinlets, low angles seem to offset high angles, trace pyrite										J356170	48.85	50.00	1.15	13				
50.00	54.15	Mafic Volcanic	Typical mafic volcanic, as above described. Moderately to strongly deformed and foliated at a relatively low angle to the core axis of ~20°. Makes the core a bit shady with the low angle fractures. There is very little veining associated with the low angled deformation. The Q/C and C veinlets present, associated with fine pyrite disseminations in the margins occur at angles for 30-50° to the core axis. Some of the pyrite in the veinlets is bleby, with small masses up to 2+mm grains. Unit is moderately to strongly pervasively carbonatized. Leucoxene specks are notable. Chloritized to moderate. Gradation "contacts" over +/-10cm or so																		
		Moderate																			
		To Stong																			
		Deformation																			
			Unit Sampling:																		
			Foliated MV with irregular, mostly high angle veinlets, hairline to 1cm thick, Tr diss. Py										J356171	50.00	51.00	1.00	< 5				
			Foliated MV with irregular, mostly high angle veinlets, hairline to 1cm thick, Tr diss. Py										J356172	51.00	52.00	1.00	< 5				
			Very small, thin or fine veinlets										J356173	52.00	52.70	0.70	< 5				
			Core of foliated zone 20-30% high angle veinlets, trace-2% disseminated pyrite locally, some blebby										J356174	52.70	53.20	0.50	5				
													J356175	53.20	54.15	0.95	< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
54.15	75.30	Mafic Volcanic Underformed	Medium green grey, medium to fine grained, massive mafic volcanic unit. Typical flows. Not a lot to say. Low to moderate Chlorite. Only occasional irregular Q/C and C veinlets, hairline to a cm or two at most. Only an occasional grain of pyrite noted once in a while. Contacts gradational over +/- 10cm or so																		
			Unit Sampling: Contacts only																		
			Irregular hairline Q/C veinlets, trace pyrite at best										J356176	54.15	55.15	1.00	< 5				
			Irregular hairline Q/C veinlets, trace pyrite at best										J356177	74.30	74.80	0.50	< 5				
			Irregular hairline Q/C veinlets, trace pyrite at best										J356178	74.80	75.30	0.50	< 5				
75.30	76.60	Mafic Volcanic Moderately to Strongly Deformed	Typical mafic volcanic with a moderate to strong foliation imparted. Foliation at ~ 60° to the core axis. Shot with carbonate and fine veinlets. Pervasive carbonatization to strong locally. Stretched specks of leucoxene notable. Moderate chloritization. Some carb veining with pyrite blebs on the margins in the host.																		
			Unit Sampling:																		
			Foliated mafic volcanic, carbonatized with grey carb veinlet +/-4cm thick with blebs of pyrite on the edges of black chlorite clots on vein margins, trace pyrite										J356179	75.30	76.60	1.30	< 5				
			Control Standard OREAS 52c										J356180				349				
76.60	90.00	Mafic Volcanic Undeformed to Weakly Strained	Typical medium to dark green coloured, medium to fine grained massive mafic volcanic. Irregular Q/C and C veinlets. The oddity at this point is there seems to be more light yellow/green epidote associated with the ceining either within or in the margins and host rock adjacent to the veins. Certain carb veinlets are vuggy with evidence of etching or dissolution. Certain fine veinlets have red/grey hematite/specularite cores. Predominant veining angle at 40-50° to core axis. Very little to no sulphide noted. Weak to moderate and pervasive carbonatization																		
			Unit Sampling:																		
			Contact with trace irregular Q/C veinlets and light epidote, pyrite trace -										J356181	76.60	77.10	0.50	11				
			Contact with trace irregular Q/C veinlets and light epidote, pyrite trace -										J356182	77.10	77.60	0.50	< 5				
			Q/C veinlets with dissolution vugs and light local epidote + hematite/specularite vein Py Tr										J356183	80.00	80.50	0.50	10				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-08

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
		Unit Sampling	Trace Q/C veinlets, trace- pyrite										J356184	89.00	89.50	0.50	< 5			
		Continued	Trace Q/C veinlets, trace- pyrite										J356185	89.50	90.00	0.50	< 5			
90.00	91.15	Mafic Volcanic Weakly to Moderately Strained	Foliated mafic volcanic. Moderately strained over most of the interval. Medium to dark green grey colour. Medium to fine grained. Foliation at approx 20° to core axis and clearly defined. Q/C veinlets both without the foliation and cross cutting at high angles. The cross cutting veinlets are thicker up to 0.5cm than the veinlets in the foliation. Moderate to strong pervasive carbonatization.																	
			Unit Sampling:																	
			Irregular Q/C veinlets in foliated MV. Trace pyrite disseminated as grains										J356186	90.00	91.15	1.15	< 5			
91.15		EOH	END OF HOLE																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Grid Coordinates: UTM NAD 83 - Zone 17N

UTM Coordinates: N: 5272312 E: 485845

Dip: 45 Elevation: 364.24

Azimuth: 144 Total Depth: **219m**

Core Size: NQ # of Boxes 53 McBride

Target:

Down Hole Tests				
Type	Depth		Dip	Azimuth
Reflex	15		44.70	144.50
Reflex	45		43.80	144.90
Reflex	75		42.60	144.30
Reflex	105		41.80	144.50
Reflex	135		40.70	145.30
Reflex	165		40.00	146.20
Reflex	195		36.60	145.30
Reflex	219		35.50	144.20

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Felex Instrument reading.

Date Started: April 29th, 2021 (D)

Date Completed: May 2nd, 2021 (D)

Claim#: 631731 + 184459

Contractor: **Missinaibi Drilling Servieces**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
0.00	2.50	Overburden																		
2.50	6.90	Mafic Volcanic Weakly to Moderately Strained	Medium to dark green gray colour. Medium to coarse grained. Locally pervasely carbonatized to moderate. Moderate foliation at 45-50° to core axis. Fine irregular Q/C veinlets. Rubbly and oxidized orange from top of the hole to 5.3m or so. Odd "Varolitic"? texture locally through the interval.																	
6.90	9.80	Mafic Volcanic Undeformed to Weakly Strained	Medium to dark green-grey colour. Medium to coarse grained. Relatively unstrained and massive in appearance. Q/C veinlets with hematite/specularite notable at irregular oreintations. Some hematite coatings on some fracture surfaces. Medium+ pervasive carbonatization. Occasional trace of pyrite grain.																	
9.80	14.45	Mafic Volcanic Moderate to Strong Deformation	Medium green grey with a beige tinge from sericite and Fe carbonate alteration. The unit has an odd "Varalitic" texture that looks like packed fish eggs. Varioles are on the order of 1-3mm grains, round to ovoid, and zoned with dark centers and high angle rims. Should get a think section and whole rock at some point. Locally lightly pervasiely carbonatized. Moderately to strongly foliated at 40-50° to the core axis. Foliation intensity contracts relatively sharply over a few cms. Unit is lightly chloritized as is typical. Qtz/C veining with bleaching at the lower contact. Beige leucoxene specks. Irregular Q/C veining through the unit, usually hairline to 1cm at the most.																	
			Unit Sampling:																	
			Irregular Q/C veinlets, trace pyrite at best, beige alteration										J356187	12.40	12.90	0.50	10			
			Irregular Q/C veinlets, trace pyrite at best, beige alteration										J356188	12.90	13.40	0.50	6			
			Irregular Q/C veinlets, trace pyrite at best, beige alteration										J356189	13.40	13.90	0.50	6			
			Q/C (T?) veinlets both in and crossing the foliation. Trace to 1% fine disseminated pyrite on the margins										J356190	13.90	14.45	0.55	11			
14.45	24.25	Mafic Volcanic Weakly to Moderately Strained	Variable unit with light to medium green colour. Medium to fine grained in general but may have a tuffaceous component to the flow. Patchy sericite/silicification bleaching make the unit a bit harder than surrounding units and up to 3% disseminated pyrite as grains or small blebs through																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
			the unit. Foliation locally variable fro 40-50° to the core axis, weak to moderately developed. Wide spread irregular Q/C veinlets from hairline to 2+cm are notable through the unit both within and cross cutting the foliation. Patchy carbonatization at the bottom of the interval where less bleached and more chloritized.																	
			Unit Sampling:																	
			Contact with irregular Q/C veinlets, light beige bleaching, trace-1% diss. Py locally										J356191	14.45	15.25	0.80	5			
			Contact with irregular Q/C veinlets, light beige bleaching, trace-1% diss. Py locally										J356192	15.25	16.00	0.75	5			
			Alteration intensifying with more Q/C veining and pyrite trace-1% locally										J356193	16.00	17.00	1.00	25			
			Alteration intensifying with more Q/C veining and pyrite trace-1% locally										J356194	17.00	18.00	1.00	26			
			Alteration intensifying with more Q/C veining, up to 3% diss. Py locally										J356195	18.00	19.00	1.00	< 5			
			Core of the alteration the foliation most intense, up to 3% diss. Py locally										J356196	19.00	20.00	1.00	131			
			Intensity of bleaching dropping, py trace-1% locally										J356197	20.00	20.80	0.80	22			
			Bleaching is gone and replaced by chlorite/carbonate, trace diss. Py										J356198	20.80	21.75	0.95	6			
			Bleaching is gone and replaced by chlorite/carbonate, trace diss. Py										J356199	21.75	22.65	0.90	6			
			Control Standard RDUP of J356199										J356200				7			
			Bleached interval again with 2-3% diss Py locally, 3 small Q/C veinlets in foliation										J356201	22.65	23.55	0.90	61			
			Chloritized and carbonatized with trace disseminated pyrite										J356202	23.55	24.25	0.70	6			
24.25	28.50	Mafic Volcanic (Tuff?) Strong Foliation	Strongly foliated mafic volcanic unit, may have in fact been a tuff. Olive green to grey colour. Fine to medium grained. Strongly foliated and brecciated with pieces of white Q/C veinlets caught up as losenges in the foliation. Moderately sericitized, carbonatized and silicified with pyrite as grains, small blebs and small stringers locally. Beige stretched leucoxene specks are notable locally. Most of the veining, or pieves there of, are caught up in the foliation. Foliation with a bit of local variation between 40-50° to the core axis. Trace-2+% diseminated pyrite.																	
			Unit Sampling:																	
			Contact - Start of alteration, trace disseminated pyrite										J356203	24.25	25.00	0.75	7			
			Olive alteration, irregular Q/C veinlets, trace pyrite										J356204	25.00	25.50	0.50	6			
			Grey alteration, some silica flood, trace pyrite										J356205	25.50	25.80	0.30	167			
			Pieves of grey/white Q/C veinlet in the foliation in altered MV, sericite Carb, Tr-2% Py										J356206	25.80	26.30	0.50	23			
			Pieves of grey/white Q/C veinlet in the foliation in altered MV, sericite Carb, 2-3% Py										J356207	26.30	27.00	0.70	48			
			MV with Chl and carbonate, trace-1% pyrite										J356208	27.00	27.50	0.50	24			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
		Unit Sampling	MV with Chl and carbonate, trace-1% pyrite										J356209	27.50	28.00	0.50	17			
		Continued	Pieces of Q/C veinlets in foliation mostly Chl/Carb alteration, trace-1% pyrite										J356210	28.00	28.50	0.50	26			
28.50	47.85	Mafic Volcanic Underformed to locally weakly Deformed	Medium green grey colour. Medium to fine grained. Massive for the most part with a shot amygdalidel/pillowed interval for about 42m to 44m or so. Locally there is a bit of weak foliation developed at 30-40° to core axis. Not well enough developed to host veining or alteration other than the usual pervasive chlorite and carbonate. Irregular white Q/C veinlet, from hairline to a couple of cms thick notable. Occasional fractures are coated with hematite or specularite. Occasional grains of disseminated pyrite notable locally. Amygdules are essentially underformed and round to subround shapes filled wiht carbonate in a fine grained matrix																	
			Unit Sampling: Contacts and checks																	
			Contact										J356211	28.50	29.00	0.50	6			
			Contact										J356212	29.00	29.50	0.50	6			
			Contact										J356213	29.50	30.00	0.50	8			
			Beige Q/C veinlet, 5cm thick, 70° to core axis, trace epidoe, trace-1% pyrite										J356214	30.80	31.10	0.30	6			
			Branched white Q/C vein with Tr+ Py as grains and blebs at low angle to core axis										J356215	32.05	32.55	0.50	6			
			6cm green/white Q/C veinlets at 25° to core axis, trace disseminated pyrite										J356216	42.20	42.50	0.30	6			
			Amygdule/pillowed MV with irregular Q/C veinlets +/- specularite/hematite coatings, trace disseminated pyrite										J356217	42.50	43.50	1.00	10			
			Amygdule MV, Q/V Chl veinlets irrgeular both low and high angle to core axis, Tr Py										J356218	43.50	44.50	1.00	< 5			
			Amygdule MV, Q/V Chl veinlets irrgeular both low and high angle to core axis, Tr Py										J356219	44.50	45.20	0.70	< 5			
			Control standard OREAS 61D										J356220				4990			
			Grey/White C/Q veinlets 3cm thick at ~30° to core axis, trace disseminated pyrite										J356221	45.20	45.50	0.30	11			
			Amygdule with carb/pyrite fillings, fine pyrite stingers, and disseminated pyrite grains, irregular Q/C veinlets trace-1% pyrite locally										J356222	45.50	46.40	0.90	8			
			Trace+ disseminated pyrite as grains, Irregular Q/C veinlets, trace pyrite										J356223	46.40	47.40	1.00	6			
			Trace+ disseminated pyrite as grains, Irregular Q/C veinlets, trace pyrite										J356224	47.40	47.85	0.45	7			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
47.85	48.60	Mafic Volcanic	Typical mafic volcanic with start of deformation zone. Foliation at cross 50° to core axis. Irregular Q/C veinlets with sulphides locally. 1-3% pyrite in stringers, veinlets nad disseminations. Lower contact sharp at 40° to core axis. Light pervasive carbonatization locally.																		
		Weak to																			
		Moderate																			
		Deformation																			
			Unit Sampling:																		
			Whole unit as sample										J356225	47.85	48.60	0.75	12				
48.60	51.00	Mafic Tuff	Medium green, fine grained to lapilli sized foliated Tuff? Maybe same sort of inter-flow sediment. Relatively sharp contacts top and bottom at 40° to core axis subparallel to foliation. Moderate to stong pervasive carbonatization 1-3% sulphides locally pyrite primarily but small striated "trapezoidal" crystals of arsenopyrite noted as well. Stringers occur both within the foliation and crossing the foliation. Veining carbonate/Q both within and cross cutting the foliation, hairline to 2mm thick. Foliation variable at +/-40° at top of unit to 30-35° at the bottom. Flattening of foliation continues into the following unit																		
		Weak to																			
		Moderately																			
		Deformed																			
			Unit Sampling:																		
			Fine grained, foliated with stringer pyrite and arsenopyrite up to 1-3% locally										J356226	48.60	49.25	0.65	6				
			Fine grained, foliated with stringer pyrite and arsenopyrite up to Tr-1% diss. Py										J356227	49.25	49.75	0.50	9				
			Fine grained, foliated with stringer pyrite and arsenopyrite up to 1-3% locally										J356228	49.75	50.25	0.50	8				
			Fine grained, foliated with stringer pyrite and arsenopyrite up to Tr-1% diss. Py										J356229	50.25	50.75	0.50	12				
			Fine grained, foliated with stringer pyrite and arsenopyrite up to Tr-1% diss. Py										J356230	50.75	51.00	0.25	9				
51.00	67.40	Mafic Volcanic	Medium to dark green grey, medium to fine grained, massive mafic flow unit. Local Fining or coursening through the interval. May locally be a few squashed amygdules in table. Unit is moderately chloritized and variably carbonatized from light to moderate locally. Foliation intensity variable locally in intensity as well as angle to the core axis. One at 45° to core axis and noe at 30° to core axis, looking carefully locally, both foliations occur at the same time. Locally a bit of light bleaching associated with several high angle Qtz/Carb veinlets (white) and bullish at the botton of the unit. About a metre or so at the bottom is a bit more chloratized and darker green in colour. Lower unit contact is sharp at cross 50° to core axis. Only very sporadic traces of granular dissminated pyrite noted.																		
		Weak to																			
		Moderately																			
		Deformed																			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
			Unit Sampling: Contact and checks only																	
			Irregular Q/C veinlets in trace pyrite, Contact										J356231	51.00	51.50	0.50	11			
			Irregular Q/C veinlets in trace Py, (9cm carb veinlet at approx 50° to core axis, Tr Py)										J356232	51.50	52.00	0.50	10			
			Irregular Q/C veinlets in trace Py, (9cm carb veinlet at approx 50° to core axis, Tr Py)										J356233	52.00	53.00	1.00	8			
			Control standard OREAS 52C																	
													J356234	61.80	62.30	0.50	12			
			3cm Carb/Qtz "ribbon" veinlets at 50° to core axis, trace hematite, trace+ Py grains										J356235	62.30	62.80	0.50	12			
			Q/C veinlets at high angle to core axis, trace pyrite										J356236	62.80	63.30	0.50	9			
			3cm Carb/Qtz veinlets at 50° to core axis, trace Pyrite grains, light foliation										J356237	63.30	64.00	0.70	14			
			Occasional irregular Q/C veinlet, trace pyrite										J356238	64.00	65.00	1.00	12			
			5cm+ Carb/Qtz veinlets at 50° to core axis, trace-1% Py on margins and in light										J356239	65.00	65.50	0.50	11			
			Control standard BLANK										J356240				< 5			
			Aggregate 10cm of while bull Q/C vein at 50° to core axis, trace pyrite										J356241	65.50	66.00	0.50	5			
			Irregular Q/C veinlets in Chl MV trace pyrite										J356242	66.00	66.70	0.70	< 5			
			Cracked up stockwork of fine Q/C veinlets some at 40° to core axis nil to trace Py.										J356243	66.70	67.40	0.70	< 5			
67.40	75.90	Gabbro	Unit is medium to coarse grained Medium to dark green grey colour and quite massive. Not only no indication of foliation and very few Q/C veinlets. Those few that are apparent are usually irregular and hariline to a couple of mm thick. Sharp contacts both top at 50° to core axis and bottom at 60° to core axis. No sulphides noted. No carbonatization																	
		Underformed																		
72.90	99.00	Mafic Volcanic	Medium to dark green grey mottled colour. Generally medium grained but variable from fine to coarse over relatively short intervals. Foliation variable from weakly deformed to undeformed over short intervals. Foliation where developed, at X 50° to core axis. Unit is Chloritized and variably carbonatized pervasively from weak to moderate. Q/C veinlets irregular through the interval, lying both within the foliation and cross cutting the foliation, variable in thickness from hairline to a couple of cm thick. Coarse intervals may in fact be gabbroic intrusives instead of coarse flow, lighter pervasive carbonatization might support that theory. Very little disseminated pyrite as grains noted locally.																	
		Underformed to																		
		Weakly																		
		Deformed																		
			Unit Sampling: Checks only																	
			Q/C Chl veinlets at 50° or so to core axis, +/- 1cm thick, trace pyrite as grains										J356244	75.00	75.40	0.40	< 5			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	C/Q veinlets fine in foliation with trace gains of pyrite										J356245	78.20	78.50	0.30	11				
		Continued																			
			7cm complex white carb veinlet cross cutting foliation, trace pyrite										J356246	88.20	88.50	0.30	< 5				
			C/Q veinlets fine in foliation with trace gains of pyrite										J356247	91.40	91.80	0.40	7				
			Irregular carb veinlets at contact with lower unit, trace pyrite, trace epidote										J356248	98.00	98.50	0.50	< 5				
			Irregular carb veinlets at contact with lower unit, trace pyrite, trace epidote										J356249	98.50	99.00	0.50	< 5				
99.00	102.80	Mafic Volcanic	Section typical medium to dark green, medium grained mafic volcanic but in addition to a light foliation at +/- 50° to core axis is brittle fractured and shot with Carb/Q veinlets. Locally at approximately 100.5m the carb veining has been re-brecciated in association with a possible high angle fault at 101m. Very brassy, pyrite grains in the Carb veins breccia. Unit is strongly pervaseively carbonate altered. Locally sub round amygdules of about 2mm grain size filled with carbonate are noted. Clay crud on fractures in the rubbly fault/fracture zone.																		
		Flow																			
		Moderate																			
		Deformation																			
			Unit Sampling:																		
			Irregular Carb/Q veinlets at high angle to core axis, hairline to 1cm thick, trace pyrite										J356250	99.00	99.70	0.70	21				
			Q/C vein breccia with chlorite trace pyrite										J356251	99.70	100.20	0.50	< 5				
			Q/C vein breccia with chlorite trace-1% pyrite locally as grains										J356252	100.20	100.70	0.50	7				
			Hich C C/Q veinlets associated with fault/fracture zone rubble, trace pyrite										J356253	100.70	101.20	0.50	< 5				
			Irregular C/! Veinlets at +/- 50° to core axis, trace pyrite										J356254	101.20	101.70	0.50	< 5				
			Veinlets reducing										J356255	101.70	102.20	0.50	< 5				
			Veinlets reducing										J356256	102.20	102.80	0.60	< 5				
102.80	127.20	Mafic Volcanic	Medium to dark green grey colour, fine to medium grained, possible selvedges of pillows notable locally as well as carbonate filled amygdules. Basalt composition likey grain size variations for the most part one gradual, all seaming of similar composition. Locally over short intervals there is notable up to a weak foliation of 40-60° to core axis. Irregular C/Q veinlets occur through the unit. There is an increase in occurence of hematite (+/- specularite) as fracture coatings and accessary to carb veinlets from about 115m to the end of the interval. Pink carbonate veinlets as well from 115m down. Variable light to moderate carbonatization through the unit. A grain or two of disseminated pyrite locally at best.																		
		Pillowed																			
		Underformed to																			
		Weakly																			
		Deformed																			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			Unit Sampling: Contact and checks only																		
			Irregular Q/C veinlets in trace pyrite, Contact										J356257	102.80	103.30	0.50	< 5				
			Irregular Q/C veinlets in trace Py, (9cm carb veinlet at approximately 50° to core axis, Tr Py)										J356258	103.30	103.80	0.50	7				
			Irregular Q/C veinlets in trace Py, (9cm carb veinlet at approximately 50° to core axis, Tr Py)										J356259	103.80	104.30	0.50	< 5				
			Control standard OREAS 52C										J356260				361				
			3cm Carb/Qtz "ribbon" veinlets at 50° to core axis, trace hematite, trace+ Py grains										J356261	107.60	107.90	0.30	< 5				
			3cm Carb/Qtz veinlets at 50° to core axis, trace Pyrite grains, light foliation										J356262	112.00	112.30	0.30	9				
			5cm+ Carb/Qtz veinlets at 50° to core axis, trace-1% pyrite on margins and in light foliated host rock.										J356263	112.70	113.20	0.50	126				
			2cm + 6cm Carb/Qtz veinlet in light foliated MV, trace pyrite																		
			Light foliation with trace pyrite disseminated and small discontinuous stringer																		
			Light foliation with trace pyrite disseminated and small discontinuous stringer, The 1/2-3/4" Stringers are conductive																		
			Light foliation with trace disseminated pyrite																		
			Light foliation with trace disseminated pyrite																		
			Light foliation with trace disseminated pyrite, 4cm Carb/Qtz veinlet																		
127.20	131.00	Gabbro Underdeformed	Medium to fine grained gabbro as above described. Chloratized, with no foliation to speak of and very little C/Q veinlets compared to surrounding units. Contacts based on veining intensity, grain size and appearance more than actual physical "contacts" per se. May be just a coarser grained part of the flow sequence. Occasional irregular Q/C veinlets. Trace hematite on some of the fracture surfaces. A very occasional grain of pyrite is notable here and there.																		
131.00	139.00	Mafic Volcanic Flow	More brittle fractured than foliated																		
			Medium to dark green grey colour, medium + grained and relatively massive. Numerous brittle fractures often filled with hematite/specularite or H/S with Carbonate/Qtz. Fractures are at irregular orientations and 3cm or less in thickness. At 131.6m there is a porous Q/C H/S vein subparallel to the core axis. Occasional																		

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SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			grains of pyrite notable locally. Patchy pervasive carbonatization from nil to moderate locally.																		
			Unit Sampling:																		
			Check sample for Q/C H/S veining										J356270	131.40	132.10	0.70	< 5				
139.00	146.60	Mafic Volcanic	Medium to light green grey with a bit of buff locally where intensively bleached. Medium to fine grained and probably pillowed at least in part with faint relic selvedges locally. Foliation well developed and gradational top and bottom contacts over 20cm or so. Foliation at the top of the unit at approx 30° to core axis but for the most part at approx 50-60° to core axis. Carb/Q veinlets often in the foliation, but not always.																		
		Flow																			
		Moderate																			
		Deformation																			
			Unit Sampling:																		
			Contact with weak-moderate foliation, trace C/Q veinlets, trace disseminated pyrite										J356271	139.00	140.00	1.00	< 5				
			Contact with weak-moderate foliation, trace C/Q veinlets, trace disseminated pyrite										J356272	140.00	141.00	1.00	< 5				
			Foliation intensity increasing, more irregular C/Q veinlets, starting to bleach a bit, trace-1% pyrite disseminated grains										J356273	141.00	141.50	0.50	< 5				
			Core a bit rubbly, bleached, trace-1% disseminated pyrite										J356274	141.50	142.00	0.50	< 5				
			Moderate foliation, bleached, Q/C/Chl veinlet 3cm at 60° to core axis, trace-1% pyrite disseminated and blebs										J356275	142.00	142.40	0.40	< 5				
			Moderate foliation, bleached, irregular veinlets, 1-2% disseminated pyrite grains(fine)										J356276	142.40	142.90	0.50	16				
			Weak-moderate foliation, bleached, Q/C Chl veinlets, pyrite in stringers irregular. Pillow selvedges? Stringer very slightly conductive over short interval 1-2% py as blebs										J356277	142.90	143.50	0.60	1460				
			Weak-moderate foliation, light bleach, C/Q veinlets irregular mixes, trace pyrite grains										J356278	143.50	144.00	0.50	11				
			Weak-moderate foliation, light bleach, C/Q veinlets irregular mixes, trace pyrite grains										J356279	144.00	144.50	0.50	43				
			Control standard RDUP of J356279										J356280				19				
			weak-moderate foliated, light bleach, C/Q/Chl veinlets, trace diss. pyrite grains										J356281	144.50	145.00	0.50	< 5				
			weak-mod foliation, lost the bleaching, irregular C/Q veinlet, tr diss. Py grains at best										J356282	145.00	145.50	0.50	5				
			weak-mod foliation, 5cm C/Q/Chl veinlet at 50° to core axis in foliation, trace pyrite grains as disseminated in vein margins										J356283	145.50	146.00	0.50	11				
			Foliation rapidly decreasing, irregular hairline C/Q veinlets, trace diss. Py at best										J356284	146.00	146.60	0.60	< 5				

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HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
146.60	159.80	Mafic Volcanic	Medium to dark green coloured, fine to medium+ grained, massive flow unit. Interesting that where deformation is reduced as this interval many of the Carb/Qtz have hematite/Specularite as accessory minerals. This is very notable as a general trend. Very little to no pervasive carbonatization notable. Veinlets seem to be irregular and sharp filling brittle fractures.																		
		Flow																			
		Undeformed																			
			Unit Sampling: Contact and checks only																		
			Contact with irregular Carb/Q veinlets, trace- disseminated pyrite										J356285	146.60	147.10	0.50	< 5				
			Irregular fine C/Q veinlets with hematite/Specularite as accessory, trace- diss. Py										J356286	147.10	147.60	0.50	< 5				
			Irregular fine C/Q veinlets with hematite/Specularite as accessory, trace- diss. Py										J356287	147.60	148.10	0.50	< 5				
			Irregular fine C/Q veinlets with hematite/Specularite as accessory, trace- diss. Py										J356288	148.10	148.60	0.50	< 5				
			2 C/Q h/s veins 15cm and 9cm at high angle to core axis, trace pyrite at best										J356289	150.60	151.40	0.80	< 5				
			3.5cm C/Q veinlet (no hematite), irregular fine C/Q H/S veinlets, Tr pyrite at best										J356290	151.40	151.90	0.50	< 5				
			Lower unit contact, trace- pyrite										J356291	158.80	159.30	0.50	< 5				
			Lower unit contact, trace- pyrite, 10 cm white carb veinlet along angle to core axis										J356292	159.30	159.80	0.50	< 5				
159.80	164.10	Mafic Volcanic	Medium green grey colour, fine to medium grained, massive but weakly to moderately foliated. Foliation fairly contant at 55-60° to core axis. Irregular hairline C/Q veinlets lie both within and crossing the foliation. Unit is moderately to strongly pervasively carbonatized. Beige leucoxene laths notable locally through the unit.																		
		Flow																			
		Weakly to																			
		Moderately																			
		Deforemd																			
			Unit Sampling:																		
			Unit contact foliated MV, trace disseminated pyrite										J356293	159.80	160.75	0.95	< 5				
			C/Q veinlets hosted by foliation, trace disseminated pyrite										J356294	160.75	161.25	0.50	< 5				
			C/Q veinlets hosted by foliation, trace disseminated pyrite										J356295	161.25	162.00	0.75	< 5				
			6cm C/Q veinlet at high angle to core axis, crossing foliation, trace diss. Pyrite										J356296	162.00	162.30	0.30	< 5				
			Irregular carb veinlets in foliated MV, trace disseminated pyrite										J356297	162.30	162.80	0.50	< 5				
			Irregular carb veinlets in foliated MV, trace disseminated pyrite										J356298	162.80	163.45	0.65	< 5				
			Irregular carb veinlets in foliated MV, trace disseminated pyrite										J356299	163.45	164.10	0.65	< 5				
			Control standard OREAS 61d										J356300				5070				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
164.10	169.60	Fault Zone	Very blocky broken up rubbly fault/fracture zone. Evidence of green chlorite gauge material on some of the fracture surfaces and in amongst the rubble. The edges of the zone 164.1m to 166.2m and 168.2m to 169.6m seem to be the most rubbly intervals of the unit. Difficult to say the orientation of the fault but has the impression it falls at a low angle to the core axis therefore 20° or so ? 164.1m to 167.8m is MV weakly-moderately deformed as the unit above and from 167.8m to 169.6m is an undeformed MV complete with C/Q H/S veinlets. Foliations through the fault zone at 40-50° to core axis.																		
			Unit Sampling:																		
			Fault zone with foliated MV and C/Q veinlets in the pieces, trace pyrite										J356301	164.10	165.00	0.90	< 5				
			Fault zone with foliated MV and C/Q veinlets in the pieces, Tr Py as small masses in C/Q veinlet										J356302	165.00	165.50	0.50	< 5				
			Fault zone with foliated MV and C/Q veinlets in the pieces, trace pyrite										J356303	165.50	166.00	0.50	< 5				
			Fault zone with foliated MV and C/Q veinlets in the pieces, trace pyrite										J356304	166.00	166.50	0.50	< 5				
			Fault zone with foliated MV and C/Q veinlets in the pieces, trace pyrite										J356305	166.50	167.00	0.50	< 5				
			C/Q veinlets, some with H/S approx 15% of interval, trace pyrite										J356306	167.00	167.50	0.50	5				
			Trace C/Q veinlets at best, trace pyrite										J356307	167.50	168.00	0.50	< 5				
			Very rubbly non-foliated MV, trace- pyrite										J356308	168.00	169.00	1.00	< 5				
													J356309	169.00	169.60	0.60	< 5				
169.60	172.00	Mafic Volcanic Flow Undeformed	Mdeium to dark green grey, fine to medium grained, massive unit. No foliation notable. Irregular C/Q H/S veinlets notable. Fracturation filled by the veinlets seem to be brittle. Very little to no sulphides noted. Upper "contact" where fault influence seems to stop. Lower contact where foliation/deformation intensity increases. Sampling to cover the veininig in the unit.																		
			Unit Sampling:																		
			5cm C/Q H/S veinlet at high angle to core axis, sparse pyrite										J356310	169.60	170.10	0.50	< 5				
			Plus/- 10% C/Q H/S veinlets, sparce pyrite										J356311	170.10	171.00	0.90	< 5				
			Trace hairline irregular C/Q veinlets Sparce pyrite at best										J356312	171.00	172.00	1.00	< 5				
172.00	180.70	Mafic Volcanic Flow Weakly Deforemed	Mdeium to dark green grey mafic volcanic unit as typical for the area. Medium to fine grained with a notable foliation imparted. Foliation locally variable from 40 to 60° to core axis with the bulk in the 50-60° to core axis. Very little veining noted except the ubiquitous hairline carb/Q veinlets. Unit moderately pervasively																		

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HOLE#: WP21-09

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			carbonatized. Rubbly lower contact from 180m to 180.7m, no gouge noted. Only trace pyrite grains noted very locally. 2 hairline veinlets noted with a bit of H/S associated.Interestingly most of the C/Q veinlets actually cross cut the foliation.																		
			Unit Sampling: (checks only)																		
			Light C/Q veinlets with trace pyrite disseminated										J356313	173.80	174.30	0.50	< 5				
			Light C/Q veinlets with trace pyrite disseminated										J356314	179.50	180.00	0.50	< 5				
180.70	189.10	Mafic Volcanic Flow Underformed to Weakly Deformed	Medium to dark green grey colour, fine to medium+ grained locally, Occasional shadows of amygdules possibly notable. Generally quite massive with a hint of light foliation over very limited intervals. Unit is quite rubbly with sharp fractures chlorite or hematitic coatings. A few C/Q, C, and an occasional veinlet with H/S are notable but quite few compared to earlier in the hole. Only a very occasional grain of pyrite noted. Moderate pervasive carbonatization.																		
			Unit Sampling: (vein checks only)																		
			Irregular C/Q chl veinlet, trace disseminated pyrite										J356315	182.50	183.00	0.50	< 5				
			Irregular C/Q chl veinlet, at approx 50° to core axis, trace hematite and diss. Pyrite										J356316	186.10	186.60	0.50	< 5				
189.10	195.60	Mafic Volcanic Flow Weakly Deformed	Typical MV flow. Weakly developed foliation locally at approx 60° to core axis. Sections within the interval are rubbly with chloritic coatings on many of the irregular fractures, probably part of the fault system under the lake. A few C/Q +/- Chl +/- H/S within the unit. Moderate pervasive carbonatization noted. Very occasional grains of disseminated pyrite noted. Possible fault at 191.4																		
			Unit Sampling: (checks only)																		
			Irregular C/Q veinlets, trace pyrite as disseminated small masses along Chl fracture										J356317	194.00	194.50	0.50	< 5				
			Irregular C/Q veinlets, trace pyrite as disseminated small masses along Chl fracture										J356318	194.50	195.00	0.50	< 5				
			Irregular C/Q veinlets, trace pyrite as disseminated small masses along Chl fracture										J356319	195.00	195.60	0.60	< 5				
			Control standard BLANK										J356320				< 5				

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From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
195.60	219.00	Mafic Volcanic	Medium to dark green grey colour, fine to medium grained locally, have the impression that the unit has evidence of pillows, but for the most part quite massive. Very light but notable foliation locally a couple of places in the unit. Light green/yellow epidote alteration for about 1 metre at the upper contact. Unit generally quite rubbly from 196.5m to 204.25m. Fractures are generally sharp and locally chloritic crud/gauge? notable. If had to guess an angle, impression at moderate angle to core axis. Irregular Q/C +/- H/S veinlets are still notable through the unit. Very little pyrite noted anywhere through the unit.																		
		Flow																			
		Undeformed																			
			Unit Sampling: (sampling only as vein or feature check)																		
			Plus/- 15% of interval is whtie C/Q veinlet, trace pyrite with margins										J356321	197.40	197.90	0.50	< 5				
			6cm thick C/Q veinlet at 30° to core axis, trace pyrite										J356322	208.40	208.70	0.30	< 5				
			6cm thick C/Q veinlet at 30° to core axis, trace pyrite										J356323	209.40	209.70	0.30	< 5				
			Short weakly + foliated section with C/Q veinlets foliated at 50° to core axis, trace disseminated pyrite										J356324	211.30	212.00	0.70	< 5				
			Short weakly + foliated section with C/Q veinlets foliated at 50° to core axis, trace disseminated pyrite										J356325	218.15	218.65	0.50	13				
219.00		EOH	END OF HOLE																		

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-10

Grid Coordinates: UTM NAD 83 - Zone 17N

UTM Coordinates: N: 5272220 E: 485949

Dip: 45 Elevation: 365.45

Azimuth: 139 Total Depth: **177.00**

Core Size: NQ # of Boxes 42 McBride

Target: _____

Down Hole Tests				
Type	Depth		Dip	Azimuth
Reflex	15		43.40	131.70
Reflex	45		41.30	133.30
Reflex	75		41.10	133.60
Reflex	105		39.70	131.70
Reflex	135		38.50	136.20
Reflex	165		37.90	137.20

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Felex Instrument reading.

Date Started: May 3rd, 2021

Date Completed: May 7th, 2021

Claim#: 184459

Contractor: **Missinaibi Drilling Servieces**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
0.00	4.50	Overburden																		
4.50	87.70	Mafic/Intermediate Volcanic	Medium green gray colour, fine to medium grained, variably locally foliated over short to moderate intervals. Foliation near 10 is at about 40° to core axis. Unit is shot with multiple irregular Q/C or C veinlets. Often hosted by foliation but also at an angle to foliation. Mafic volcanics are moderately chloritized and locally carbonatized, particularly in foliated sections																	
			8-8.75m Set of Q/C veinlets at approximately 60° to core axis. Trace tourmaline, disseminated pyrite grains.																	
			13.6-14m Rubble zone looks like a fault/fracture zone at 30-40° to core axis. Clay crud on some of the fracture surfaces. Seems to be more or less in the local foliation																	
			15-17m White carbonate, carbonate/Qtz veins in an irregular stock work pattern. A few grains of pyrite in the host volcanics. One 8cm "bull" white carb veinlet at upper contact 50°, lower contact 30° to core axis. A few pyrite grains disperced through the section																	
			26.8-27m Broken core, may be a fracture zone?																	
			30.5-31.45m 2cm thick Q/C veinlet in hyaloclastite? Runs along the length of the core at a low angle to core axis																	
													8101	36.35	36.85	0.50	9			
													8102	36.85	37.35	0.50	7			
			37.3-38.6m Foliated sections at 40-50° to core axis with Q/C veinlets hairline to 3cm thick. Chlorite, carbonate a bit of tourmaline locally in some of the veinlets. Trace desseminated sulphides locally. Very shiny pyrite.										8103	37.35	37.70	0.35	5			
													8104	37.70	38.05	0.35	< 5			
													8105	38.05	38.55	0.50	5			
													8106	38.55	39.05	0.50	6			
			45.9-47.35m Light foliation at 50° to core axis. Carb/Qtz and Carb veinlets up to a few cm thick, with trace pyrite locally hosted more or less by local foliation																	
			71-72 2x Q/C veinlets in coarser grained mafic volcanic gabbro sub unit. 3cm at 30° to core axis, 10cm @ 60° to core axis locally unfoliated, chl alteration, trace pyrite																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-10

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
87.70	98.00	Mafic/Intermediate	Moderate strain at +/-60° to core axis. Q/C chl veinlets both within and cross cutting the foliation. Trace to 2% disseminated sulphide locally. Very brassy chalcopyrite notable in some veinlets.										8107	90.80	91.20	0.40	33				
		Tuff (Volcanic											8108	91.20	91.60	0.40	55				
		or sediment)?											8109	91.60	92.00	0.40	9				
		NQ											8110	92.00	92.50	0.50	6				
													8111	92.50	93.00	0.50	< 5				
													8112	93.00	93.50	0.50	5				
													8113	93.50	94.00	0.50	5				
													8114	94.00	94.50	0.50	6				
													8115	94.50	95.00	0.50	< 5				
													8116	95.00	95.50	0.50	6				
													8117	95.50	96.00	0.50	7				
			96-97m Q/C(+/-T) Veinlets with trace-1% pyrite. Pyrite on vein margins and as stringers. In the foliation in proximity.										8118	96.00	96.50	0.50	78				
													8119	96.50	97.00	0.50	6				
			Control standard OREAS 61d										8120				5270				
													8121	97.00	97.50	0.50	19				
													8122	97.50	98.00	0.50	< 5				
98.00	105.00	Mafic/Intermediate	Only light foliation with irregular Q/C or C veinlets. Trace pyrite disseminated locally										8123	98.00	98.50	0.50	< 5				
		Volcanic											8124	98.50	99.00	0.50	< 5				
													8125	99.00	99.50	0.50	< 5				
													8126	99.50	100.00	0.50	<5				
105.00	113.50	Mafic/Intermediate	Medium to light green or grey, mottled patches. Locally bleached a bit and shot with Q/C veinlets. Trace to 3+% disseminated pyrite again over patches lightly to moderately foliated at 50° to core axis.										8127	111.00	111.50	0.50	111				
		Volcanic											8128	111.50	112.00	0.50	10				
													8129	112.00	112.40	0.40	157				
			112.4-112.9m Qtz/Carb Chl Tourmaline veinlet hosted by local foliation almost a fuchite green colour along some fracture surfaces. Sulphides disseminated as blebs and grains of vein margins. Foliation at 50-60° to core axis										8130	112.40	112.90	0.50	1060				
													8131	112.90	113.40	0.50	12				
113.50	123.80	Mafic/Intermediate	Typical volcanic unit as described above. Locally disseminated pyrite notable as grains or small blebs, trace to 1% max. Irregular Q/C veinlets through the interval																		
		Volcanic											8132	113.40	114.00	0.60	14				
			113.9-114.4m Q/C(T) veinlets with pinkish tinted (carbonate) in association. Trace disseminated pyrite grains										8133	114.00	114.50	0.50	49				
													8134	114.50	115.00	0.50	< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-10

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
123.80	128.40	Mineralized	Light grey coloured, chlorite green striped. Strongly foliated Tuff. Bleached out and shot with Q/C/T veinlets. Foliation at 50° to core axis. Disseminated pyrite and small stringers along foliation planes. Most, but not all Q/C veining is hosted by the foliation										8135	121.70	122.20	0.50	< 5			
		Altered Tuff											8136	122.20	123.00	0.80	< 5			
													8137	123.00	123.80	0.80	< 5			
		NQ											8138	123.80	124.50	0.70	10			
													8139	124.50	125.00	0.50	179			
			Control sample BLANK										8140				< 5			
													8141	125.00	125.30	0.30	368			
													8142	125.30	125.60	0.30	920			
													8143	125.60	125.90	0.30	382			
													8144	125.90	126.20	0.30	122			
													8145	126.20	126.50	0.30	32			
													8146	126.50	126.90	0.40	7			
													8147	126.90	127.30	0.40	141			
													8148	127.30	127.80	0.50	< 5			
													8149	127.80	128.30	0.50	< 5			
													8150	128.30	128.80	0.50	< 5			
128.40	141.70	Mafic/Intermediate	Typical unit, variable foliation intensity from high to moderate at approx 50° to core axis. Locally a bit coarser gained so may be more "gabbroic" initially. Contacts seem gradational. Trace diseeminated pyrite grains.																	
		Volcanic																		
141.70	147.00	Argillite	Olive green/grey, fine grained, bedded (finely) locally. Bedding/foliation at 55° to core axis. May be interbedded with mafic/intermediate volcanics. Trace disseminated sulphides																	
		Mafic/Intermediate																		
		Volcanics																		
147.00	153.10	Mafic/Intermediate	As described above, 14cm thick Q/C veinlet hosted by foliation at 148.8m. Dark grey mottled colour with mild chlorite alteration along some of the fracture surfaces. Trace to 2% pyrite grains locally																	
		Volcanic																		
153.10	177.00	Diabase	Black, fine grained, with chloritic fractures, strongly Magnetic. No evidence of foliation. Contact sharp along a C/Q chl veinlet at 30-40° to core axis																	
177.00		EOH	END OF HOLE																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

Grid Coordinates: UTM NAD 83 - Zone 17N

LAT/LONG Coordinates: N: 5272194 E: 485992

Dip: 45 Elevation: 368.52

Azimuth: 305 Total Depth: **300m**

Core Size: NQ # of Boxes 72 McBride

Target: _____

Down Hole Tests				
Type	Depth		Dip	Azimuth
Reflex	15		45.80	229.70
Reflex	45		45.00	300.80
Reflex	75		44.40	301.20
Reflex	105		43.90	301.80
Reflex	135		42.80	304.40
Reflex	165		42.50	305.20
Reflex	195		41.90	306.20
Reflex	225		41.10	307.30
Reflex	255		40.40	309.00
Reflex	285		39.90	308.70
Reflex	300		39.70	310.10

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Felex Instrument reading.

HOLE#: WP21-11

Date Started: April 22nd, 2021

Date Completed: April 28th, 2021

Claim#: 184459 + 631731

Contractor: **Missinaibi Drilling Servieces**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
0.00	2.65	Overburden																			
2.65	20.00	Andesite Foliated	Lightly to moderately foliated Andersite, Moderate Carbonatization. Foliations 35 to 45° to core axis. Light Chlorite										8151	6.70	7.20	0.50	< 5				
													8152	7.20	7.50	0.30	5				
													8153	7.50	8.00	0.50	< 5				
			7.3-9m Q/C/Chl Veining set a few cm thick very irregular, trace-1% disseminated pyrite locally. Veining at approx 40° to core axis										8154	8.00	8.50	0.50	7				
													8155	8.50	9.00	0.50	35				
													8156	9.00	9.50	0.50	6				
													8157	9.50	10.00	0.50	60				
													8158	10.00	10.50	0.50	< 5				
													8159	10.50	11.00	0.50	22				
			Control Standard OREAS 52c										8160				365				
			11.4 - 11.9m Q/C/Chl veinlets 5cm and 7cm thick at approx 50° to core axis, trace pyrite										8161	11.00	11.50	0.50	8				
													8162	11.50	11.90	0.40	5				
													8163	11.90	12.40	0.50	5				
													8164	12.40	13.40	1.00	< 5				
													8165	13.40	14.40	1.00	< 5				
													8166	14.40	15.40	1.00	< 5				
													8167	15.40	16.00	0.60	< 5				
													8168	16.00	16.50	0.50	< 5				
			16.45 - 18m Q/C/Chl veinlets, 1-10cm thick, irregular, hosted by local foliation, trace pyrite										8169	16.50	17.00	0.50	< 5				
													8170	17.00	17.50	0.50	7				
													8171	17.50	18.00	0.50	10				
													8172	18.00	18.50	0.50	< 5				
													8173	18.50	19.00	0.50	< 5				
20.00	54.00	Andesite	Massive medium to fine grained andesite. Occasional hairline to 2mc thick irregular Q/C veinlets at variable angles to the core axis. Light to non magnetic.																		
			44.5-44.7m Chloritized fine gained section with slight oval amygdules. Borders are sharp. Block?																		

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-11

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
54.00	56.80	Andesite	Andesite starting to foliate again with carbonate alteration possibly sericite or fuchsite										8174	54.00	54.50	0.50	7			
		Foliated											8175	54.50	55.00	0.50	8			
			55.25- 55.35m Hairline clay gouge fault at 60° to core axis. 6cm of Q, Q/C, C veinlets with sericite alteration trace pyrite										8176	55.00	55.50	0.50	< 5			
			55.5-55.9m White bull Qtz/Carb veinlet top 30°, bottom 50° to core axis, trace pyrite										8177	55.50	56.00	0.50	27			
													8178	56.00	56.50	0.50	< 5			
56.80	85.20	Basalt/Andesite	Intermediate to mafic volcanics, medium to fine grained, foliation variable from light to moderate locally at 40-50° to core axis. Carbonatized light to moderate. Qtz/Carb veinlets irregular throughout.																	
																	Au ppb			
													8179	56.50	57.15	0.65	< 5			
			57.35-57.65m Q/C veinlet in foliated section. Foliation at +/-45° to core axis, trace-1% disseminated pyrite grains										8180	57.15	57.65	0.50	25			
			Control Standard RDUP of 8180										8181				19			
			57.7-58.15m Q/C veinlets in afoliated section. Foliation at 30° to core axis. Chlorite breccia at the end of interval with carb chunks.										8182	57.65	58.15	0.50	5			
													8183	58.15	58.65	0.50	< 5			
			Rubbly core locally										8184	58.65	59.15	0.50	< 5			
													8185	59.15	60.00	0.85	< 5			
													8186	60.00	60.50	0.50	< 5			
													8187	60.50	61.00	0.50	6			
													8188	61.00	61.50	0.50	5			
85.20	106.50	Basalt	Mafic Volcanic/Basalt. Notably darker in colour and more chlorite interval. Medium grained with possible pillow selvedges notable. Irregular Q/C in C veinlets throughout the interval. Trace-2% disseminated pyrite grains locally.																	
			89.8-90m Carb/hematite veinlets, 1cm thick at 20° to core axis																	
			95-98m Low angle Carb/hem vein in fracture zone, +5cm thick, at 10° to core axis																	
106.50	163.25	Mafic/Intermediate	Medium to dark green gerey colour. Fine to medium grained. Moderately chloritized. Lightly to moderately carbonatized locally. Foliated lightly mostly thorughout, gradationally more intense locallly. Shot with irregular Q/C or C veinlets locally, trace to 2% disseminated pyrite as grains or blebs																	
		Volcanic																		
													8189	106.00	106.50	0.50	203			
													8190	106.50	106.80	0.30	15			
			107-109.8m Foliated section with 3-5% pyrite locally as blebs and stringers along foliation planes. Foliation at ~40° to core axis. Several Q/C veinlets from 1 to 25cm thick. +/- 20-30% of the interval is veining.										8191	106.80	107.20	0.40	342			
													8192	107.20	107.90	0.70	< 5			
													8193	107.90	108.40	0.50	592			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-11

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
													8194	108.40	109.10	0.70	58			
													8195	109.10	109.50	0.40	260			
													8196	109.50	110.00	0.50	122			
													8197	110.00	110.50	0.50	< 5			
													8198	110.50	111.00	0.50	5			
													8199	111.00	111.50	0.50	< 5			
													8200	111.50	112.00	0.50	< 5			
			117.2-117.4m Foliated section with Q/C veining. Foliation at 40° to core axis, trace Py																	
			118.5-118.7m Rubbly sections with chlorite mud														Au ppb			
			133.45-134.35 Foliated interval with 1-3% coarse pyrite blebs, carb breccia and chlorite mud fault rubble at bottom of interval. Fault at 10-20° to the core axis																	
			151.55-152.65m Chloritic rubbly section. Chloritic fault 2cm thick at 152.4m at 30° to core axis																	
			162-163m Foliated section of volcanics with carb and carb/qtz veining both in the foliation and at high angle to the foliation. Foliation at 50° to core axis. Sparse trace disseminated pyrite locally. Seems to be broken up and carbonate healed																	
163.25	201.30	Mafic/Intermdiate Volcanic	Medium to fine grained, leucoxene crystals abundant, pathcy carbonate/sericite alteration, numberous irregular Q/C veinlets, unit moderatly chloritized. Locally foliation developed at 40-50° to core axis. Some fractures filled with carb/hematite veinlets. Epidote alteration patches locally.																	
			169.5-169.7m Q/C veinlet @ 50° to core axis, granular pyrite along chloritic planes in the vein																	
201.30	206.70	Tuff	Possible tuff facies of the volcanic pile. Moderately to strongly foliated at 50° to core axis, Carbonate, Chlorite, Sericite, hematite alteraion locally in patches or along foliation planes. +/-30% of the interval is Q/C veining with 1-30cm thick white Qtz/C veins. 1-2% disseminated pyrite locally. Black tourmaline present in several of the veinlets.										8251	199.00	199.50	0.50	< 5			
													8252	199.50	200.00	0.50	< 5			
													8253	200.00	200.60	0.60	7			
													8254	200.60	201.40	0.80	10			
													8255	201.40	201.90	0.50	123			
													8256	201.90	202.40	0.50	105			
													8257	202.40	203.00	0.60	1120			
													8258	203.00	203.50	0.50	903			
													8259	203.50	204.00	0.50	154			
			Control standard OREAS 61d										8260				4940			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-11

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
													8261	204.00	204.50	0.50	101			
													8262	204.50	205.00	0.50	26			
													8263	205.00	205.45	0.45	44			
													8264	205.45	205.90	0.45	230			
													8265	205.90	206.40	0.50	154			
206.70	232.80	Mafic/Intermdiate	Same as 163.25 to 201.3m										8266	206.40	207.00	0.60	260			
		Volcanic											8267	207.00	208.00	1.00	< 5			
													8268	208.00	209.00	1.00	< 5			
													8269	209.00	210.00	1.00	Au ppb			
232.80	245.00	Tuff	Strongly foliated at 50 to 60° to core axis. Shot with Q/C/T veins hairline to 5cm thick, +/- 15% of the interval Chlorite/Sericite/Carbonate alteration. Blebs of pyrite to 3mm grains locally, larger massess along some foliation planes at veinlet boundaries. Bleps of chalcopyrite on deges of certain veinlets.										8270	232.00	233.00	1.00	< 5			
													8271	233.00	233.50	0.50	44			
													8272	233.50	234.00	0.50	63			
													8273	234.00	234.50	0.50	120			
													8274	234.50	235.00	0.50	1190			
													8275	235.00	235.50	0.50	2150			
													8276	235.50	236.00	0.50	300			
													8277	236.00	236.40	0.40	63			
													8278	236.40	236.80	0.40	300			
													8279	236.80	237.70	0.90	1600			
			Control sample BLANK										8280				< 5			
													8281	237.70	238.60	0.90	45			
													8282	238.60	239.20	0.60	192			
													8283	239.20	239.80	0.60	145			
													8284	239.80	240.80	1.00	18			
													8285	240.80	241.35	0.55	21			
													8286	241.35	242.00	0.65	< 5			
													8287	242.00	242.50	0.50	< 5			
													8288	242.50	243.00	0.50	30			
													8289	243.00	243.50	0.50	12			
													8290	243.50	244.00	0.50	5			
													8291	244.00	244.50	0.50	116			
													8292	244.50	245.00	0.50	5			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-11

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
245.00	253.00	Mafic/Intermediate	Light to moderate green gery colour. Light foliation at 50-60° to core axis. Irregular Q/C +/-T veinlets though the interval Chlorite/Sericite alteration is moderate										8293	245.00	246.00	1.00	38			
		Volcanic											8294	246.00	247.00	1.00	7			
		Altered											8295	247.00	248.00	1.00	10			
													8296	248.00	249.00	1.00	31			
253.00	265.75	Mafic/Intermediate	Medium green colour, medium to fine grained. Variably locally foliated. Irregular Q/C veinlets, trace-2% locally disseminated pyrite blebs, more in vicinity of Q/C veinlets																	
		Volcanic																		
													8297	262.00	263.00	1.00	5			
			263-265.75m Q/C(T) veinlet set at low angle to the core axis. 2-3% pyrite blebs in host rock loaclly in vicinity of veinlets										8298	263.00	263.50	0.50	Au ppb			
													8299	263.50	264.00	0.50	12			
			Control Standard OREAS 52c										8300				340			
													8301	264.00	264.50	0.50	< 5			
													8302	264.50	265.05	0.55	< 5			
													8303	265.05	265.50	0.45	145			
													8304	265.50	266.10	0.60	< 5			
265.75	271.00	Mafic/Intermediate	Typical medium to fine grained, medium green colour shot with irregular Carb and Carb/Qtz veinlets. Specked with leucoxene throughout, trace dsseminated pyrite locally. Contact gradationally more foliated at the bottom at 40-50° to core axis										8305	266.10	266.70	0.60	8			
		Volcanic											8306	266.70	267.70	1.00	< 5			
													8307	267.70	268.70	1.00	6			
271.00	272.60	Mafic/Intermediate	Carbonatized and locally foliated at 40-50° to core axis. Local rubbly core over short intervals. Chlorite on fractures. Q/C veinlets up to 7cm thick. Low to moderate sericite, trace pyrite																	
		Breccia (healed)																		
272.60	291.00	Mafic/Intermediate	Same as 265.75 to 271m										8308	289.00	290.00	1.00	6			
		Volcanic											8309	290.00	291.00	1.00	5			
291.00	298.00	Tuff	Foliated unit, seems to be a tuff. Marfic to intermediate composition, foliated at 50° to core axis. Light to moderate green colour. Bleached and carbonatized to moderate locally. 2-4% disseminated sulphide (pyrite) locally										8310	291.00	291.50	0.50	12			
													8311	291.50	292.00	0.50	8			
													8312	292.00	292.60	0.60	697			
													8313	292.60	293.10	0.50	6			
													8314	293.10	294.00	0.90	< 5			
													8315	294.00	295.00	1.00	7			
													8316	295.00	296.00	1.00	5			
													8317	296.00	297.00	1.00	< 5			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-11

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			297.15m 6cm thick Q/C/T veinlet at 50° to core axis. 1-3% pyrite diss. associated										8318	297.00	297.50	0.50	132				
													8319	297.50	298.00	0.50	262				
			Control Standard RDUP of 8319										8320				340				
298.00	300.00	Mafic/Intermediate	Same as 272.6-291m No foliation, med grained										8321	298.00	299.00	1.00	13				
		Volcanic																			
300.00		EOH	END OF HOLE																		
																	Au ppb				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Grid Coordinates: UTM NAD 83 - Zone 17N

UTM Coordinates: N: 5272260 E: 485924

Dip: 45 Elevation: 366.53m

Azimuth: 330 Total Depth: **222m**

Core Size: NQ # of Boxes 52 McBride

Target: _____

Down Hole Tests

Type	Depth		Dip	Azimuth
Reflex	15		45.30	336.60
Reflex	45		44.40	336.70
Reflex	75		43.50	337.50
Reflex	105		42.50	337.60
Reflex	135		41.40	338.60
Reflex	165		40.30	338.50
Reflex	195		39.40	338.10
Reflex	222		37.90	338.60

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Felex Instrument reading.

Date Started: May 8, 2021 (D)

Date Completed: May 12, 2021 (N)

Claim#: 184459 + 631731 + 131779

Contractor: **Missinaibi Drilling Services**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
0.00	2.20	Overburden																			
2.20	16.60	Mafic Volcanic Flow (Undeformed)	Medium to dark green gey colour, medium to coarse grained, massive and relatively equigranular. Sharpish lower contact so unit may be a fine grained gabbroic intrusive. Between 5m and 8m (locally to 12m) the unit is very rubbly and fractured with Fe oxide coating on most of the fracture surfaces. Other than the brittle cracking there is a lack of notable structure. There are a few wide spread irregular white carb/Qtz veinlets some with hornblende and sericite associated. No sulphides noted what so ever. No alteration except the chloritization throughout.																		
			No unit sampling undertaken.																		
16.60	24.00	Mafic Volcanic Flow (Undeformed)	Medium to dark green grey colour, fine to medium grained locally, generally quite massive with irregular white Carb/Qtz veinlets with thickness from hairline to a cm or so. No primary features notable. Light to moderate pervasive carbonatization patches through the unit. Beige leucoxene laths notable occasionally. Occasional disseminated pyrite grains notable either on the margins of the C/Q veinlets or the host MV. Vicinity of 20.6m some C/Q veinlets hosting semi-massive Py/Cp mineralization. Only veinlets +/- 2mm thick over +/- 10cm but VERY conductive laterally longer than the core diameter.																		
			Unit Sampling:																		
			Trace irregular C/Q veinlets, Tr disseminated py										J356326	20.00	20.50	0.50	168				
			Trace irregular C/Q veinlets, Some with semi massive cp/py over cm's, veinlets conductive										J356327	20.50	21.00	0.50	< 5				
			Trace irregular C/Q veinlets, Some with semi massive cp/py over cm's, veinlets conductive										J356328	21.00	21.50	0.50	6				
			Strongest C/Q veinlet, with semi massive cp/py, veinlets at low and moderate angles to core axis.										J356329	21.50	22.00	0.50	< 5				
			Lacks the semi massive cp/py but veinlets still present										J356330	22.00	23.00	1.00	< 5				
			Irregular C/Q veinlets, trace disseminated pyrite										J356331	23.00	23.50	0.50	< 5				
			Irregular C/Q veinlets, trace disseminated pyrite. Contact.										J356332	23.50	24.00	0.50	< 5				

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SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
24.00	27.00	Mafic Intrusive Flow	Medium to light greenish colour, lightly to moderately foliated and looks a bit tuffaceous. Foliation at 40 -50° to the core axis. Irregular C/Q veining at the top of the interval generally parallel to the foliation. Beige leucoxene specks are notable disseminated through the unit. Unit is moderately to strongly pervasively corbonatized. Upper contact sharp along a 1cm thick C/Q vein at +/- 30° to the core axis. Lower contact more gradational over a few cm's. 20 cm thick carb/Qtz veinlet hosted by local foliation at 24/4 to 24/6m, Trace disseminated pyrite as grains and small masses Trace - 2% locally through the units, though concentrations seem stronger at the top of the unit associated with the irregular C/Q veinlets.																		
		Possibly Mafic Tuff																			
		Weakly Deformed																			
			Unit Sampling:																		
			20cm C/Q veinlet in the foliation, Trace -1%+ disseminated pyrite in the margins										J356333	24.00	24.55	0.55	13				
			foliated MV with irregular C/Q veinlets, pyrite disseminated as grains and small blebs to 2% locally										J356334	24.55	25.00	0.45	9				
			foliated MV with irregular C/Q veinlets, pyrite disseminated as grains and small blebs to 2% locally										J356335	25.00	25.55	0.55	47				
			Less C/Q veining and bleaching though still strongly carbonatized. Trace disseminated pyrite grains										J356336	25.55	26.00	0.45	5				
			Less C/Q veining and bleaching though still strongly carbonatized. Trace disseminated pyrite grains										J356337	26.00	26.50	0.50	7				
			Less C/Q veining and bleaching though still strongly carbonatized. Trace disseminated pyrite grains										J356338	26.50	27.00	0.50	< 5				
27.00	36.00	Mafic Volcanic	Medium to dark green grey colour, Medium to fine grained and for the most part massive. Locally over short intervals some light foliation notable at 50-60° to core axis. Carb/Qtz veinlets irregular and common from hairline to a cm or so thickness. A high angle set seems to be offset by a low angle set by a minor shift. Some of the C/Q veinlets have accessory hematite and occasional pyrite grains . Unit is locally moderately pervasively carbonatized. 34.4 to 34.85m rubbly interval fault/fracture zone with chloritic crud on some surfaces, impression that the fault lies at reltively low angle to core axis +/- 30° or so. Trace disseminated pyrite grains through the interval.																		
		Flow																			
		(Underformed																			
		(Weakly)																			
		Deformed)																			
			Unit Sampling: Contact and Checks only																		
			Trace irregular C/Q veinlets at contact, trace disseminated pyrite grains										J356339	27.00	27.50	0.50	< 5				
			Control Standard OREAS 52c										J356340				353				

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HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Trace irregular C/Q veinlets, trace disseminated pyrite grains										J356341	27.50	28.00	0.50	35				
		Continued	Trace irregular C/Q veinlets, trace disseminated pyrite grains										J356342	28.00	28.50	0.50	< 5				
			4cm thick C/Q veinlet at approx 30° to core axis, Trace disseminated pyrite grains										J356343	34.90	35.25	0.35	< 5				
36.00	42.70	Gabbro	Medium to dark green/grey colour. Medium grained equigranular and massive. Sharp contacts with MV top and bottom. No foliation notable. Very few hairline Carb/Q veinlets at irregular orientations. Composition visually would be similar to the fine grained mafic volcanics of the pile, primarily mafic and plagioclase minerals. Cracks and vein fillings give impression of brittle intrusive. No carbonatization at all. Unit chloritized with a hint of epidote locally. Mafic volcanic at lower contact very fractured and filled with white Carb/Q compared to the Gabbro above. Lower contact sharp but very irregular. Occasional trace of pyrite grains disseminated though the unit. Some red hematite as coatings on fractures.																		
		Undeformed																			
			Unit Sampling: Check Only																		
			2cm thick, C/Q veinlet at 15° to core axis, trace disseminated pyrite										J356344	37.00	37.30	0.30	< 5				
42.70	45.70	Mafic Volcanic	Medium to dark green grey colour. Medium to fine grained locally. May have evidence of a pour pillow salvedge notable, pyrite and C/Q veining in association. A few irregular hairline C/Q veinlets. Moderate pervasive carbonatization. Trace beige leucoxene laths notable locally. Trace disseminated pyrite grains. Lower contact gradational to the next unit. May have a tuffaceous component over short intervals. Sulphides more common in the Tuffaceous sections																		
		Flow																			
		Undeformed																			
			Unit Sampling:																		
			Irregular C/Q veinlets in fractured contact with Gabbro, Trace diss. pyrite grains										J356345	42.70	43.00	0.30	< 5				
			Irregular C/Q veinlets with trace disseminated pyrite grains										J356346	43.00	43.50	0.50	< 5				
			Irregular C/Q veinlets with trace disseminated pyrite grains										J356347	43.50	44.00	0.50	8				
			Irregular C/Q veinlets with trace disseminated pyrite grains										J356348	44.00	44.50	0.50	9				
			Tuffaceous appearance from part of interval with Trace 2% diss. Py grains locally										J356349	44.50	45.00	0.50	6				
			Irregular C/Q veinlets with trace disseminated pyrite grains										J356350	45.00	45.70	0.70	11				
45.70	54.60	Mafic Tuff	Light to medium green grey colour. Medium to fine grained. Unit appears to be a crystal or fine end lapilli tuff. Deformed squashed fragments are notable locally. Unit is moderatly foliated at 40-50° to the core axis. Chloritic alteration particularly in the																		
		Moderate																			
		Deformation																			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

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Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			vicinity of the hosted Q/C veinlets/veins. Beige bleaching with light pervasive carbonatization notable. Disseminated pyrite graims from trace to 1% locally through the unit. Unit hosts significant foliation. White "bullish" Qtz/Carb veinlets particularly strong from 49.8 to 52.3m, approx 2/3 of interval is veining. Trace pyrite associated with the margins of the veins. Contacts are gradual over tens of cm.																		
			Unit Sampling:																		
			Light Q/C veinlets, trace disseminated pyrite at contact										J356351	45.70	46.70	1.00	12				
			Bleaching starting to develop, trace disseminated pyrite										J356352	46.70	47.50	0.80	9				
			10cm Q/C veinlet, foliation Increasing intensity, trace disseminated pyrite										J356353	47.50	48.00	0.50	12				
			Bleached tuff with little else, trace disseminated pyrite										J356354	48.00	49.00	1.00	15				
			Bleached foliation tuff with low angle Q/C veinlet 1/5cm thick, trace-1% diss. Py local										J356355	49.00	49.50	0.50	20				
			Bracket Sample										J356356	49.50	49.95	0.45	13				
			30cm foliation hosted white "bullish" Q/C/chl vein, trace pyrite at some margins										J356357	49.95	50.30	0.35	14				
			50cm foliation hosted white "bullish" Q/C/chl vein, trace pyrite at some margins										J356358	50.30	51.00	0.70	11				
			65cm foliation hosted white "bullish" Q/C/chl vein, trace pyrite at some margins										J356359	51.00	51.75	0.75	9				
			Control Standard RDUP of J356359										J356360				9				
			40cm foliation hosted white "bullish" Q/C/chl vein, trace pyrite at some margins										J356361	51.75	52.30	0.55	20				
			Bleached tuff with light Q/C/chl veinlets irregular, trace disseminated pyrite										J356362	52.30	52.80	0.50	13				
			Bleached tuff with light Q/C/chl veinlets irregular, trace disseminated pyrite										J356363	52.80	53.40	0.60	9				
			Several +/-5cm thick foliation hosted Q/C/chl veinlets, trace disseminated pyrite										J356364	53.40	54.10	0.70	12				
			Bottom of unit minimal veining, trace disseminated pyrite										J356365	54.10	54.60	0.50	9				
54.60	58.70	Mafic Volcanic Flow (Underformed to Weakly Deformation)	Medium green grey colour. Medium to fine grained and locally porphyritic with chloritized mafic phenocrysts. +/-1-2mm grains. I don't believe the edges are sharp though defined to be amygdules. The top metre or so of the interval has tuffaceous tendencies. Locally a very weak foliation is notable at +/-50° to the core axis. Beige leucoxene crystals are notable through the unit. Fine irregular Q/C with chlorite veinlets present. Disseminated pyrite grains at trace levels through the unit and in association with some of the fine C/Q veinlets.																		
			Unit Sampling:																		
			plus/minus six 1-1/5cm Q/C chl veinlets hosted by foliation, trace disseminated pyrite										J356366	54.60	55.20	0.60	< 5				
			Very little veining, trace disseminated pyrite										J356367	55.20	56.20	1.00	5				

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Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Very little veining, trace disseminated pyrite										J356368	56.20	57.20	1.00	< 5				
		Continued	Very little veining, trace disseminated pyrite										J356369	57.20	58.00	0.80	5				
			Light hairline irregular Q/C stockwork veinlets some with pyrite, trace+ diss. Pyrite										J356370	58.00	58.70	0.70	< 5				
58.70	61.00	Mafic Tuff	Medium to light green colour, Medium to fine grained. Fine end of the lapilli tuff. Numerous fine C/Q veinlets at irregular orientations both parallel to and cross cutting the local foliation. Cross cutting relationships are indeterminate. The veinlets vary in thickness from hairline to +/- 2 cm at the thickest. Disseminated pyrite grains present through the unit. Unit is moderately to strongly pervasively carbonatized probably contributing to the bleached appearance. Foliation at 50-60° to the core axis. Stretched out beige leucoxene crystals notable locally.																		
		Moderate																			
		Deformation																			
			Unit Sampling:																		
			Irregular Q/C veinglest with trace to 1% pyrite disseminated locally										J356371	58.70	59.00	0.30	10				
			Irregular Q/C veinglest with trace to 1% pyrite disseminated locally										J356372	59.00	60.00	1.00	8				
			Irregular Q/C veinglest with trace to 1% pyrite disseminated locally										J356373	60.00	61.00	1.00	< 5				
61.00	63.00	Mafic Volcanic Flow (Underformed to Weakly Deformation)	As 54.6 - 58.7m. Including chloritized mafic porphyroblasts																		
			Unit Sampling: (continuity only)																		
			Irregular Q/C veinglets, trace disseminated pyrite										J356374	61.00	62.00	1.00	< 5				
			Irregular Q/C veinglets, trace disseminated pyrite										J356375	62.00	63.00	1.00	< 5				
63.00	64.15	Polymictic Volcanic Breccia Undeformed	Fine polymictic breccia mixed with mafic volcanic. Pieces in the breccia are relatively small on the order of 4-5cm or less. Fragments are primarily mafic volcanic but also Qtz etc. Fragments are subangular to subround shapes and not sorted. Matrix is very strongly carbonatized. Not sure at this time of provenence, flow top breccia, interflow unit ,add carbonate veining etc. Unit is shot with irregular white/grey Carb/Qtz veinlets trace disseminated pyrite as grains.																		
			Unit Sampling:																		
			Complete mix in one sample										J356376	63.00	64.15	1.15	10				

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Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
64.15	67.90	Mafic Volcanic Flow Undeformed	Medium to dark green grey colour. Medium to fine grained and massive though shot with irregular white Carb/Qtz veinlets. Unit appears to be shattered and filled. Some the carb veinlets have a pinkish tinge. Beige leucoxene notable, light local pervasive carbonatiation. Upper contact sharp at 30° to core axis, Lower contact gradational over 20 cm or so with gradual increase in foliation to the next unit. Trace disseminated pyrite grains.																		
			Unit Sampling:																		
			Irregular white Q/C "Shatter" veinlets, trace disseminated pyrite										J356377	64.15	65.00	0.85	56				
			Irregular white Q/C "Shatter" veinlets, trace disseminated pyrite										J356378	65.00	66.00	1.00	< 5				
			Irregular white Q/C "Shatter" veinlets, trace diss. Py, 2 veins 10+7cm @ 40° to c/a										J356379	66.00	66.50	0.50	< 5				
			Control standard OREAS 61d										J356380				4680				
			Bracket Sample										J356381	66.50	67.00	0.50	16				
			Irregular white Q/C "shatter" veinlets, trace disseminated pyrite										J356382	67.00	67.90	0.90	15				
67.90	69.90	Mafic Tuff Moderately to Strongly Deformed	Light green with beige bleaching. Squashed crystal/fine lapilli tuff with a mafic composition. Moderate to strong "wavy" foliation developed as 60-70° to core axis. Beige bleaching. Q/C/Chl(?Tourmaline) veinlets both within and cross cutting the foliation. Unit is not carbonatized. Possible a bit of sericite therefore unit may be trending toward intermediate rather than mafic. Moderate bleaching and foliation tail off over 0.5m or so at the bottom of the unit becoming more flow like at the bottom. trace to trace+ disseminated pyrite grains notable as well as grain along foliation planes and veinlet margins.																		
			Unit Sampling:																		
			Moderate+ Bleaching, Q/C veinlets Trace+ disseminated pyrite										J356383	67.90	68.40	0.50	344				
			Modreate-Low Bleaching, Q/C veinlets dropping off, trace disseminated pyrite										J356384	68.40	68.90	0.50	23				
			Trace-Low Bleaching, irregular Q/C veinlets, trace disseminated pyrite										J356385	68.90	69.90	1.00	7				
69.90	77.10	Mafic Volcanaic Flows Underformed to weakly deformed	Medium to dark green grey colour. Medium to fine grained. Generally massive and shot with irregular Q/C veinlets. May locally have a tuffaceous component. Moderately pervasive carbonatized, trace disseminated pyrite grains. Foliation where developed at about 50° to core axis. Unit may be locally porphyritic with chloritized phenocrysts. Bottom of the interval hosts hematite/specularite coated																		

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Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			fractures occasionally. Variably pervasively carbonatized from Nil to Moderate locally. Short moderately foliated interval (tuff?) with pyrite bearing C/Q veinlets in the foliation. Some of the pyrite with the veinlets would be "blebby" on small clots																		
			Unit Sampling:																		
			Irregular Q/C veinlets, trace disseminated pyrite										J356386	69.90	70.90	1.00	6				
			Irregular Q/C veinlets, trace disseminated pyrite										J356387	70.90	72.00	1.10	7				
			Irregular Q/C veinlets, trace disseminated pyrite										J356388	72.00	73.00	1.00	< 5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356389	73.00	74.00	1.00	5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356390	74.00	74.75	0.75	144				
			Irregular Q/C veinlets, ?Tuff, trace disseminated pyrite										J356391	74.75	75.15	0.40	26				
			Irregular Q/C veinlets, some with blebs, pyrite associated,trace disseminated pyrite										J356392	75.15	75.55	0.40	9				
			Bracket Sample										J356393	75.55	76.05	0.50	< 5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356394	76.05	77.10	1.05	< 5				
77.10	79.75	Mafic Tuff? Moderately to Strongly Deformed	Light green grey/beige stiped colour. Moderately to strongly foliated at -50° to the core axis. Beige bleeching may be partially caused by Fe Carbonates. Most of the unit is medium gained though well foliated Q/C veinlets, some with tourmaline are hosted by the local foliation. Blebby pyrite up to 2-3mm grains occur along some of the foliation planes, particularly in the vicinity of 78 to 79m. Mafic composition of the unit appears to be similar to the more massive "flow" volcanics, so may be in fact just another facies of the flow pile and visually different due to foliation and bleaching over the interval. There is no apparent pervasive carbonatization, Stretched out beige leucoxene crystals locally notable in the green/grey coloured intervals. Unit where beige seems a bit harder so may be a little silicified.																				
			Unit Sampling:																		
			Foliated tuff with light Q/C veinlets, trace disseminated pyrite										J356395	77.10	78.00	0.90	56				
			Beige colour, semi massive pyrite veinlet of 2mm there, Q/C veinlets, trace diss. Py										J356396	78.00	78.30	0.30	125				
			10cm Qtz/carb/tourmaline veinlet with py along margins. Trace+ disseminated pyrite										J356397	78.30	78.60	0.30	1800				
			Beige alteration, Q/C/T veinlets in foliation, clots of pyrite up to 3mm grain size, trace-1% py										J356398	78.60	79.05	0.45	449				
			Bottom of interval, less beige alteration, trace disseminated pyrite										J356399	79.05	79.75	0.70	11				
			Control standard BLANK										J356400				< 5				

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From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
79.75	92.95	Mafic Flow Underformed to weakly deformed	Medium to dark green grey colour. Generally quite massive with a light foliation developed variably through the unit. Foliation is at more or less 50° to the core axis. Locally some light pevasive carbonatization. Locally irregular Carb/Qtz veinlets often but not always hosted by local foliation. Occasional hematite/speculorite coated fracutres on small veinlets. Some of the Qtz/Carb/ +/-Tourmaline veinlets have pyrite associated with the beige altered walls. At the Q/C/ +/-T veinlets are somewhat discrete only check sampling will be done at this point ; possible that the interval from 79.75 to 84.15 is a mafic dike which cuts vein 109																		
			Unit Sampling:																		
			Unit contact, trace disseminated pyrite										J356401	79.75	80.25	0.50	5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356402	80.25	81.20	0.95	< 5				
			Locally 45% disseminated pyrite plus beige alteration +/- Q/C/T veinlets										J356403	81.20	82.00	0.80	22				
			Bracket Sample										J356404	82.00	83.00	1.00	7				
			Irregular veinlets, trace disseminated pyrite										J356405	83.00	84.15	1.15	10				
			3cm foliation hosted at 50° to core axis Q/C veinlet, beige bleaching/silicication, 1-2% local blebby disseminated pyrite										J356406	84.15	84.85	0.70	197				
			Irregular Q/C veinlets, trace disseminated pyrite										J356407	84.85	85.65	0.80	5				
			1cm thick Q/C veinlet with beige bleaching, and up to 2% diss. pyrite blebs locally										J356408	85.65	85.95	0.30	105				
			2x Q/C veinlets 1cm thick at 50° to core axis in foliation, 1% pyrite locally										J356409	90.00	90.30	0.30	33				
92.95	116.80	Mafic Volcanic Flow Moderately to Strongly Deformed	Medium to dark grey green colour, medium to locally minder grained. Generally massive though moderately + foliated at 40-50° to the core axis. Unit shot with irregular C/Q veinlets from hairline to 2cm or so in thickness, both hosted by local foliation and cross cutting the foliation. Appears locally that the cross cutting veinlets post date the veins hosted by foliation due to intercept relationships. Locally "ladden" veinlets are notable. Locally veinlets here small blebs of pyrite (non-conductive) and traces of tourmaline in the quartz rich veinlets. Beige bleaching around some of the veins over short intervals. Locally may have "tuffaceous" component. Pervasive carbonatization light to more moderate at the bottom of the unit. Beige leucoxene crystals often stretched are notable though the unit																		
			Unit Sampling:																		
			Unit contact, white bleaching with pyrite blebs +/-2mm grain size, small pyrite in Q/C veinlets. Trace to 1% pyrite										J356410	92.95	93.40	0.45	35				

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Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
		Unit Sampling	Irregular veinlets, trace pyrite										J356411	93.40	94.30	0.90	8			
		Continued	Bleaching, Qtz/C veinlets with pyrite and arsenopyrite, pyrite blebs, trace-1% pyrite										J356412	94.30	95.00	0.70	16			
			1/2 interval in rubbly core Q/C +/- tourmaline veinlets, trace pyrite blebs										J356413	95.00	96.00	1.00	212			
			foliated, hatched Q/C veinlets, trace disseminated pyrite										J356414	96.00	96.55	0.55	763			
			Irregular C/Q veinlets, with pyrite and chalcopyrite blebs and along fractures										J356415	99.50	100.00	0.50	12			
			Irregular C/Q veinlets, with pyrite and chalcopyrite blebs and along fractures										J356416	100.00	101.00	1.00	16			
			Irregular C/Q veinlets, with pyrite and chalcopyrite blebs and along fractures (same black tourmaline in some veinlets)										J356417	101.00	101.50	0.50	51			
			Irregular C/Q veinlets, with pyrite and chalcopyrite blebs and along fractures (same black tourmaline in some veinlets)										J356418	101.50	102.00	0.50	12			
			Bracket Sample										J356419	104.30	104.80	0.50	7			
			Control standard 52C										J356420				366			
			Foliated, MVF with Carb/Qtz veinlets, pyrite blebs in the foliation up to 4mm grains trace+										J356421	108.00	108.55	0.55	10			
			Swarm of veinlets with Chl/T, blebby pyrite on veinlet margins + foliated Trace+										J356422	108.55	109.05	0.50	12			
			Irregular C/Q veinlets, trace disseminated pyrite										J356423	109.05	109.55	0.50	8			
116.80	119.10	Ultramafic Intrusion (Pyroxene/ Peridotite?)	Unit is olive green with black spots. Generallly course grained and massive. Contacts are relatively sharp but don't appear to be overly cooked. Primarily composed of olivine and ferromagnesian minerals. Unit hosts irregular carbonate/Qtz veinlets with often specularite/hematite associated. Many of the veinlets are craggy with holes dissolved out of them. Black chlorite often associated with veinlets as clots and patches. Trace to 1% disseminated pyrite ?pyrrhotite locally. Unit is undeformed. No sampling of unit at this time.																	
119.10	121.30	Mafic Volcanic Flow Weakly to Moderately Deformed	Typical medium to dark green grey colour. Generally medium grained and massive. May locally have remnant amydules filled with white carbonate. Unit is weakly to moderately foliated at 50-60° to the core axis. A few irregular carbonate/Qtz veinlets notable, some in the foliation, irregular orientations on a minor set at 15-20° to the core axis. Stretched beige leucoxene crystals evident through the unit. Moderate to strong pervasive carbonatization, particularly at the top of the unit. Unit may have a tuffaceous component in the lower part of the interval.																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			Unit Sampling:																		
			Trace disseminated pyrite gains and irregular C/Q veinlets										J356424	120.30	120.80	0.50	6				
			Trace disseminated pyrite gains and irregular C/Q veinlets										J356425	120.80	121.30	0.50	6				
121.30	124.75	Mafic Volcanic Flow Weakly to Moderately Deformed	Unit medium green with a beige tone from "Bleaching" Unit is moderately foliated at 60° to core axis. Medium grained relatively massive though foliated unit 5mm thick ground up zone at 50° to core axix at 122.05m, very likely a fault/slip structure. Just above the fault/slip sturcute the beige bleaching associated with Q/C veining is strong. Pyrite often with chlorite along the veinlet margins. Pyrite occurs as blebs (to about 3mm grains), small masses (to 1cm or so grains) as well as the disseminated grains as ubiquitous. Leucoxene crystals are common and stretched.																		
			Unit Sampling:																		
			Strong Q/V silica flooding and beige bleaching, pyrite on vein margins, trace+										J356426	121.30	122.05	0.75	88				
			Low to moderate bleaching with trace+ pytire blebs and disseminated, Q/C veinlets										J356427	122.05	122.55	0.50	148				
			Low to moderate bleaching with trace+ pytire blebs and disseminated, Q/C veinlets										J356428	122.55	123.15	0.60	37				
			Moderate bleaching with Q/C veinlets, pyrite trace-1% as blebs or small masses, Some QV grey and dirty looking										J356429	123.15	123.65	0.50	132				
			Light bleaching with light veinlets, trace+ disseminated pyrite blebs										J356430	123.65	124.15	0.50	11				
			Light bleaching with light veinlets, trace+ disseminated pyrite blebs										J356431	124.15	124.75	0.60	8				
124.75	157.60	Mafic Volcanic Flow (pillowed) Weakly to Moderately Deformed	Thick unit of likely pillowed mafic volcanics with selvedges and amydules identifiable locally through the section. As usual medium green gey colour. Medium to fine grained throughout. Foliation intensity variable throughout to some level usually moderate but short intervals, say, 1-3m in length may not have easily identifiable foliation. Foliation variable locally at 50-70° to the core axis. Pervasive carbonatization variable over moderate intercals from nil to medoerate. Seems to be more intensi in the middle of the unit. Foliation surprisingly flatter at the bottom of the unit. From about 130-134m unit is beige bleached and has up to 1+% 2-3mm grains of pyrite blebs and cubes in the matrix. Irregular Q/C, C/Q +/- Chl +/- Tourmaline through the unit. More detail in the sampling descriptions. Beige leucoxene notable locally through the unit. May locally bare a tuffaceous component to the flow.																		
			Unit Sampling:																		
			Boundary sample, trace disseminated pyrite										J356432	124.75	125.25	0.50	8				
			Boundary sample, trace disseminated pyrite										J356433	125.25	125.75	0.50	7				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling Continued	6cm thick, grey C/Q veinlet at 50-60° to core axis, banded, trace+ pyrite disseminated on vein margins										J356434	127.70	128.00	0.30	11				
			Bracket sample, irregular Q/C veinlet, trace disseminated pyrite										J356435	129.00	129.50	0.50	7				
			Bracket sample, irregular Q/C veinlet, trace disseminated pyrite										J356436	129.50	130.00	0.50	16				
			Irregular Q/C veinlets, start of some beige bleaching, trace+ Py as small mass/cube										J356437	130.00	131.00	1.00	50				
			Irregular Q/C veinlets, start of some beige bleaching, trace+ Py as small mass/cube										J356438	131.00	132.00	1.00	9				
			Irregular Q/C veinlets, start of some beige bleaching, trace+ Py as small mass/cube										J356439	132.00	132.50	0.50	8				
			Control standard RDUP of J356439										J356440				9				
			Core of the strongly beige bleached area, foliated, trace+ diss. Py as small masses/cubes										J356441	132.50	133.00	0.50	53				
			Bleaching but diminishing in intensity, foliated, trace diss. Py as small masses and cubes										J356442	133.00	133.50	0.50	14				
			Bracket sample, trace disseminated pyrite										J356443	133.50	134.00	0.50	6				
			Bracket sample, trace disseminated pyrite										J356444	134.00	134.65	0.65	7				
			Carb Qtz veinlets 2 at 4cm+3cm thick at 60° to core axis, pink carb, trace diss. Py										J356445	134.65	135.30	0.65	< 5				
			6cm C/Q veinlet with trace pyrite on margins										J356446	137.70	138.00	0.30	6				
			Bracket sample, irregular C/Q veinlets, trace desseminated pyrite										J356447	140.50	141.00	0.50	8				
			12cm thick C/Q veinlet at 40° to core axis, chloritic margins with trace diss. Pyrite										J356448	141.00	141.50	0.50	101				
			Irregular C/Q veinlets, trace disseminated pyrite										J356449	141.50	142.00	0.50	5				
			Irregular C/Q veinlets, trace disseminated pyrite										J356450	142.00	142.50	0.50	8				
			5cm Q/C vein at 40° to core axis, pyrite masses 2-3cm, Masses conductive, pyrite and chalcopyrite with chlorite on margins										J356451	142.50	142.70	0.20	5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356452	142.70	143.35	0.65	< 5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356453	143.35	144.00	0.65	< 5				
			Irregular Q/C veinlets, trace disseminated pyrite										J356454	144.00	144.60	0.60	12				
			10cm Q/C chl vein with aleteration including tourmaline +/- 60° to core axis, locally pinkish, trace disseminated pyrite on margins										J356455	144.60	145.00	0.40	< 5				
			Bracket sample irregular Q/C veinlets, trace disseminated pyrite										J356456	145.00	146.00	1.00	< 5				
			Q/C/T Chl veinlet +/- 1cm thick with pyrite grains in margins, 50° to core axis with rubble core										J356457	148.90	149.20	0.30	47				
			Check sampole of poorly formed Q/C veinlet 15cm thick at 40° to core axis with trace disseminated pyrite grains										J356458	152.10	152.40	0.30	< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
157.60	158.00	Argillite	Beige to green in colour. Fine grained and generally finely bedded. Bedding folded/slumped and deformed at the bottom. Maybe a bit sericitized? Sharp upper contact at 60° to core axis. Bedding to approx 50° to core axis. Rubbly clip with crud coatin on fractures at 158m, if needed to pair angle to faultt would suggest 50° to the core axis. No sulphide noted associated with the unit. No Unit Sampling Undertaken																		
		Interflow																			
		Sediments																			
158.00	159.00	Mafic Volcanic	Medium green grey colour. Medium to fine grained and massive though weakly foliated at 50-60° to core axis. Irregular C/Q veinlets. Both top and bottom of the unit are rubbly in contacts. May have a tuffaceous component. No pervassive carbonatization. Trace pyrite in clot in core. C/Q veinlet near the lower contact. Other than that a grain or two widely dispersed through the unit. No unit sampling undertaken.																		
		Flow																			
		Weakly																			
		Deformed																			
159.00	163.00	Intermediate	Light to medium grey colour, notably not green. Medium to coarse grained crystal tuff unit. Crystals from 1/2mm to 2mm in size. Generally fragments are plagioclase but there seem to be Qtz crystals present as well. Foliation at about 50° to core axis. Light to moderate yellowish sericitization notable through the unit often along the foliation planes. Some large 3-5mm pyrite grains dispersed through the unit. Irregular C/Q veinlets notable. No pervasive carbonatization. No leucoxene laths noted.																		
		Tuff																			
		Undeformed																			
		to weakly																			
		Deformed																			
			Unit Sampling:																		
			Check sample only of trace Py clots/grains + 1cm thick C/Q veinlet at 30° to core axis										J356459	160.70	161.00	0.30	667				
			Control standard OREAS 61d										J356460				4930				
			Bracket sample. Irregular Q/C veinlets, trace pyrite clots/grains										J356461	161.00	162.00	1.00	5				
			Bracket sample. Irregular Q/C veinlets, trace pyrite clots/grains										J356462	162.00	163.00	1.00	< 5				
163.00	179.30	Mafic Volcanic	Medium green grey colour. Medium to fine grained massive mafic flow unit. Grain size variations can be abrupt or gradual. No strong evidence noted of pillows or amygdule through the interval. Short intervals are lightly foliated at about 50° to the core axis. Irregular C/Q veinlets present through the unit filling seemingly "brittle" bractures. Pervasive carbonatization variable to strong through the unit. Increasing at the bottom of the unit. Leucoxene laths variably notable.																		
		Flows																			
		Undeformed																			
		to weakly																			
		Deformed																			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			Unit Sampling:																		
			Irregular C/Q veinlets, trace disseminated pyrite										J356463	163.00	163.40	0.40	< 5				
			1/2 of broken up Q/C vein, some sericite and chlorite on fractures with fine disseminated pyrite trace chalcopyrite to 3% locally										J356464	163.40	163.80	0.40	159				
			1/2 of broken up Q/C vein, some sericite and chlorite on fractures with fine disseminated pyrite trace chalcopyrite to 3% locally										J356465	163.80	164.20	0.40	61				
			Irregular C/Q veinlets, trace sericite?, trace disseminated pyrite grains										J356466	164.20	164.70	0.50	70				
			Trace disseminated pyrite at best										J356467	164.70	165.20	0.50	33				
			foliation hosted Q/C +chl vein with trace pyrite on margins with chlorite										J356468	167.90	168.30	0.40	209				
			White bull Qtz vein, upper contact at 45° to core axis, lower contact at 15° to core axis. No sulphides noted										J356469	176.35	177.00	0.65	70				
179.30	183.00	Gabbro Underformed	Medium to dark green/ apple green mottled colour. Medium to coarse grained and massive. Irregular C/Q veinlets locally. Epidotized a bit with the apple green clolour. Contacts so so sharp with veining of carbonate associated. Hematite/specularite coatings and associations with carb veining. No pervasive carbonatization to speak of. Composition probably approximates the surrounding volvanics so may in fact be a coarser part of the flow pile. No sulphides noted. No unit sampling undertaken																		
183.00	193.30	Mafic Flow Tuff to Intermediate Tuff (weakly Deforemed)	Medium to dark green at the top of the interval to light green at the bottom. Change in composition gradually over this interval from mafic to more intermediate. Can not put a contact per se for the change. Seems to be an ash to lapilly tuff unit. Chloritized and pervasively carbonatized at the top gradually changing to sericite and bleaching at the bottom. Beige leucoxene laths notable through the interval. Locally a poorly developed foliation notable at 50-60° to the core axis. Irregular C/Q veinlets sometimes associated with light bleaching and up to 3% pyrite blebs and cubes to +/-3mm grain size. Unit moderately magnetic from 184 to 184.5m no obvious reason for this.																		
			Unit Sampling:																		
			Irregular Q/C veinlets with coarse granular pyrite in the matrix to trace-1%										J356470	184.30	185.00	0.70	7				
			Bracket sample trace disseminated pyrite										J356471	188.00	188.50	0.50	< 5				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb		FA-GRA Au g/t	
		Unit Sampling	Q/C veinlet with Chl and pyrite on the margins to trace-1% locally										J356472	188.50	189.00	0.50	9			
		Continued	Q/C veinlet with Chl and pyrite on the margins to trace-2% locally										J356473	189.00	189.50	0.50	5010		6.4	
			Q/C veinlet with Chl and pyrite on the margins to trace locally										J356474	189.50	190.00	0.50	30			
			Q/C veinlet with Chl and pyrite on the margins to trace locally										J356475	190.00	191.00	1.00	6			
			Q/C veinlet with Chl and pyrite on the margins to trace-1% locally Bleached a bit										J356476	191.00	192.00	1.00	104			
			Q/C veinlet with Chl and pyrite on the margins to trace-1% locally Bleached a bit										J356477	192.00	192.65	0.65	7			
			Q/C veinlet with Chl and pyrite on the margins to trace-1% locally Bleached a bit										J356478	192.65	193.30	0.65	23			
193.30	222.00	Intermediate Volcanic Flow Underformed to Weakly Deformed Locally	Light to medium green-grey colour, locally bleached a bit to more beige/green colour. Generally fine to medium grained, relatively massive with possible remnants of pillow selvedges and carbonate filled amygdules locally. Composition still chloratized mafics with feldspars but more feldspar rich than the mafics above. irregular Q/C veinlets are present through the interval, somewhat sparsely spaced, may be hosted by the weak foliation locally or cross cut the foliation. Foliation occurs as discrete (short) intervals of metre or two separated by unfolated sections. Foliation a bit steeper at 60 to 70° to core axis. Pervasive carbonatization variable and patchy from weak to strong locally.																	
			Unit Sampling:																	
			Unit contact, trace-1% locally granular pyrite as masses and cubes, irregular Q/C veinlets, foliation 50° to core axis										J356479	193.30	193.80	0.50	496			
			Control sample BLANK										J356480				< 5			
			Bracket sample, trace disseminated pyrite										J356481	193.80	194.30	0.50	5			
			Foliation at 70° to core axis, beige bleached, trace sericite, trace pyrite as 1-2mm masses and cubes Q/C veinlets										J356482	199.70	200.05	0.35	5			
			Foliation at 70° to core axis, beige bleached, trace sericite, trace pyrite as 1-2mm masses and cubes Q/C veinlets										J356483	201.35	201.75	0.40	9			
			Foliated, less bleached, without sericite, Q/C veinlets in the foliation trace disseminated pyrit										J356484	204.10	204.50	0.40	< 5			
			Q/C veinlets, light foliation, trace disseminated pyrite										J356485	206.50	207.00	0.50	< 5			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - CASWELL EAST (WASAPIKA)

HOLE#: WP21-12

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays							
From	To			So	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb			
		Unit Sampling	Start of some light bleaching with sericite tras diss. Py, starting foliation										J356486	213.00	214.00	1.00	< 5			
		Continued	Q/C veinlets, light beige bleaching with sericite, trace disseminated pyrite, foliation at 70° to core axis										J356487	214.00	214.50	0.50	< 5			
			Q/C veinlets, light beige bleaching with sericite, trace diss. pyrite, brittle fractured										J356488	214.50	215.00	0.50	15			
			Q/C veinlets in brittle fracture, trace diss. Pyrite, little to no beige blraching										J356489	215.00	215.50	0.50	< 5			
222.00		EOH	END OF HOLE																	

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Grid Coordinates: UTM NAD 83 - Zone 17N

UTM Coordinates: N: 483754 E: 5272145

Dip: 45 Elevation: 379.21m

Azimuth: 045 Total Depth: **261m**

Core Size: NQ # of Boxes 64 McBride

Target:

Down Hole Tests

Type	Depth		Dip	Azimuth
Reflex	18		44.40	042.9
Reflex	48		44.00	043.6
Reflex	78		43.60	042.7
Reflex	108		43.30	042.3
Reflex	138		43.00	041.3
Reflex	168		42.90	041.5
Reflex	195		42.10	039.4
Reflex	252		41.20	038.4

Downhole azimuth readings have been corrected to True North by subtracting 10 degrees from the Relex Instrument reading.

Date Started: May 14th, 2021

Date Completed: May 19th, 2021

Claim#: 168204

Contractor: **Missinaibi Drilling Services**

Logged by: D. R. Cutting Sampled by: Robert Peever

Depth From	Depth To	Rock Type	Description	Struct. core angles S_o	Fol	Flow	Vn	Strain Intens	Alteration Characteristics Type	Intens	%QCV	%Py	Sample Assays Sample	From	To	Width	Au ppb
0.00	5.40	Overburden															
5.40	10.00	Felsic Fragmental /Breccia	Unit beige with a greenish tinge. Appears to be a fragmental breccia unit with pieces to 10cm or so in size. Grain size in the fragments is fine. The appearance of a breccia is highlighted by the presence of numerous chloritic green fractures. Trace pyrite is often noted in the fractures or vicinity. A light to moderate foliation, particularly at the bottom of the unit is locally notable at 60-70 degrees to the core axis. Unit is moderately carbonatized with small irregular white carb veinlets in with the chloritic fractures. Trace disseminated pyrite locally notable. Some of the yellowish tinting may be due to light to moderate sericitization.													
10.00	31.75	Mafic Flow	Medium green grey colour. Medium to fine grained. Light developed foliation locally notable at about 40 degrees to the core axis. The intensity of the foliation increases to moderate to strong for the bottom 60cm of the unit with a like increase in carb veining. Unit generally shot with multiple irregular carb or Carb/Qtz veinlets variable in thickness from hairline to a couple of cms. Beige fine grained leucoxene specks are notable through the unit. Locally brecciated over short intervals, may either be veins or inter-flow breccia. Unit is chloritized and moderately carbonatized. Locally some of the carbonate has a flesh pink tint. Trace disseminated pyrite as grains and small blebs Upper contact sharp at high angle to the core axis. Lower contact sharp as well and at high angle to the core axis.													
			10m-12.7m Stong set of carb veinlets at the unit contact. Veinlets make up about 20 to 30% of the interval. None of the veinlets are more than about 1cm thick. Stockwork pattern like a brittle fracture.													
			17.2m-17.8m Set of Carb and Q/C veinlets, irregular.													
			20.25m-24m Set of Carb and C/Q veinlets, irregular. Some flesh coloured carbonate notable locally. Veinlets seem to be part of a shatter pattern with veinlet offsets and overprints notable. Starting to be able to note a 40 degree to the core axis orientation at top and bottom of the interval													
			24.75m 10cm interval of rusty red/brown weathering/alteration around a carb filled fracture at 45° to the core axis. Water passage?													
			25.85m-26.9m Multi Phase 30cm thick Q/C vein at 50-60° to core axis, associated with polymictic breccia intervals approx 10cm in thickness almost perpendicular to the core axis. The fragments in the breccias are													

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			generally angular to subrounded and quite fine, largest noted being +/- 3-4cm. The breccia seems to be matrix supported with the matrix being carbonate. Upper contact of the feature is a rusty fracture at 50° to core axis. Lower contact fracture is not oxidized and sharp <40° to core axis. Chloritic fractures host trace to 1% disseminated pyrite grains and small blebs.																		
			Unit Sampling:																		
			Control standard BLANK										J356000				< 5				
			Stockwork Carb veining at contact with trace disseminated pyrite										J356001	10.00	11.00	1.00	14				
			Stockwork Carb veining at contact with trace disseminated pyrite										J356002	11.00	12.00	1.00	45				
			Carb veinlets with trace disseminated pyrite										J356003	17.20	17.80	0.60	< 5				
			Carb veinlets, lcally pink tinged, both irregular and in foliation at 40° to core axis, trace disseminated pyrite										J356004	20.25	21.00	0.75	5				
			Carb veinlets with chlorite filled fracutres variable orientations, trace diss. pyrite										J356005	21.00	22.00	1.00	6				
			Carb veinlets with chlorite filled fracutres variable orientations, trace diss. pyrite										J356006	22.00	23.00	1.00	5				
			Carb veinlets with chlorite filled fracutres variable orientations, trace diss. pyrite										J356007	23.00	24.00	1.00	< 5				
			Less veinlets with chlorite filled fracutres variable orientations, trace diss. pyrite										J356008	24.00	25.00	1.00	< 5				
			Less veinlets with chlorite filled fracutres variable orientations, trace diss. pyrite										J356009	25.00	25.85	0.85	8				
			Multi-phase Qtz vein with "ribbon" appearance, chloritic fractures host trace+ pyrite										J356010	25.85	26.20	0.35	290				
			40cm in 3 sections of carbonate cement breccia, trace+ disseminated pyrite										J356011	26.20	26.90	0.70	270				
			Occasional irregular carb veinlet, trace pyrite										J356012	26.90	28.00	1.10	< 5				
			Occasional irregular carb veinlet, trace pyrite (some carb flesh pink)										J356013	28.00	29.00	1.00	6				
			Occasional irregular carb veinlet, trace pyrite										J356014	29.00	30.00	1.00	7				
			Occasional irregular carb veinlet, trace pyrite										J356015	30.00	31.10	1.10	65				
31.10	31.75	Mafic	Medium green, medium to fine grained tuffaceous unit similar in comosition to the flow unit above. Small fragments are notable and stretched out. Chloritic fragments as disconnected short green "lines". Numerous Carb and Q.C veinlets irregularly shot through the interval, most less than 1cm thick. Foliation notable moderately developed at approx 60° to core axis. Very light trace of pyrite as small blebs																		
		Pyroclastic																			

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			Unit Sampling:																		
			Trace pyrite in the boarders of the Q/C or C veinlets										J356016	31.10	31.75	0.65	20				
31.75	33.40	Felsic Pyroclastic (Quatz Crystal Tuff)	Fine grained, beige coloured felsic tuff unit, crystal foliation Qtz notable at about +/- 1mm in size sub-angular shapen. Foliation lightly developed at approx 60° to core axis. Qtz/Carb and Carb veinlets irregular orientation as well and more near foliation. Locally, lapilli size fragments may be noteable. Very much harder then the matrix unit above. Yellowish/beige sericite alteration, moderate + trace pyrite disseminated as grains and small blebs throughout the unit																		
			Unit Sampling:																		
			Irregular Q/C veinlets with trace disseminated pyrite locally										J356017	31.75	32.60	0.85	28				
			Irregular Q/C veinlets with trace disseminated pyrite locally										J356018	32.60	33.40	0.80	21				
33.40	34.50	Mafic Volcanic (a Tuff)	Fine grained, medium green grey mafic volcanic unit. Broken up and shot with numberous beige/white Q/C veinelts in a stockwork. Unit not particularly "foliated" per se but more shattered as in contact with a fault/fracture zone below. Unit is essentially rubble from 34m to the end of the unit as part of the fault zone. Trace siddeminated pyrite locally.																		
			Unit Sampling:																		
			Trace disseminated pyrite with irregular Q/C veinlets										J356019	33.40	34.50	1.10	8				
			Control standard OREAS 52c										J356020				353				
34.50	35.00	Fault Zone (RTDZ? Or Branch There of)	Cruddy rubble fault zone for about 0.5m with 0.5m either side of broken rock into units above and below. Colour and texture of the main rubble is the unit below. Clay like coatings present on the fracture surfaces. The impression is that the fault is at high angle to the core axis. Unit shot with irregular Q/C veinlets. Very little to no sulphide notable																		
			Unit Sampling:																		
			Irregular Q/C veining, trace- pyrite										J356021	34.50	35.00	0.50	9				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
35.00	65.50	Intermediate/Felsic Pyroclastic (Ash to Lapilli Tuff)	Very good classic lapilli pyroclastic tuff unit. Mottled medium to light green colour due to lapilli fragments (polymict). Fragments are very identifiable with variable compositions ranging in size from ash to lapilli for the most part. Ignimbrite fragments can be locally noted. The whole unit has been strained to an almost "striped" appearance. Foliation at approx 50° to core axis. some of the lightly coloured more felsic fragments are less squashed. Unit a bit rubbly down to 36.25m shot with irregular Q/C and C veinlets at irregular angles to the core axis. Unit a bit rubbly from 40.5m to 42.5m, may be more fracturation assocaited with the fault above. Unit is lightly chloritized and sericitized. Trace fine pyrite grains disseminated along foliation planes and margins of veinlets.																		
			Unit Sampling:																		
			Irregular Q/C veinlets in fault rubble below fault, trace pyrite										J356022	35.00	36.00	1.00	8				
			Irregular Q/C veinlets, trace pyrite										J356023	36.00	37.00	1.00	6				
			Irregular Q/C veinlets, trace pyrite										J356024	37.00	37.50	0.50	6				
			Irregular Q/C veinlets, trace pyrite										J356025	37.50	38.00	0.50	5				
			Irregular Q/C veinlets, trace pyrite										J356026	38.00	39.00	1.00	5				
			Irregular Q/C veinlets, trace pyrite (low angle pinkish carb veinlet)										J356027	39.00	40.00	1.00	6				
			Irregular Q/C veinlets, trace pyrite										J356028	40.00	41.00	1.00	6				
			Irregular Q/C veinlets, trace pyrite (Rubbly Fault/Fracture Zone)										J356029	41.00	42.00	1.00	33				
			Irregular Q/C veinlets, trace pyrite (low angle pinkish carb veinlet)										J356030	42.00	43.00	1.00	8				
			Irregular Q/C veinlets, trace pyrite (low angle pinkish carb veinlet)										J356031	43.00	44.00	1.00	5				
			Irregular Q/C veinlets, trace pyrite (low angle pinkish carb veinlet)										J356032	44.00	45.00	1.00	6				
			Irregular Q/C veinlets, trace pyrite										J356033	45.00	45.50	0.50	82				
			Irregular 10cm Q/C veinlet, basically hosted by foliation at 50° to core axis, trace Py										J356034	52.00	52.50	0.50	53				
			5cm set of Q/C veinlets in the foliation with trace+pyrite as bleb and grains in shear plane.										J356035	61.75	62.25	0.50	6				
			Irregular Q/C veinlets, trace pyrite										J356036	62.25	63.00	0.75	7				
			Irregular Q/C veinlets, trace pyrite (a few more)										J356037	63.00	63.75	0.75	7				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
65.50	72.50	Intermediate/Felsic Pyroclastic (Ash to Lapilli Tuff) (Bleached)	This unit is very similar in apperance to the unit above 35m to 65.5m except it is quite notably bleached to a beige/grey colour. Unit is moderately to strongly carbonatized, and likely iron carbonate as it is starting to oxidize. Still moderatly to stongly foliated at 55-65° to the core axis. Upper contact gradational over maybe 0.5m or so. Lower contact sharp at approx 80° to core axis. Locally through the unit there are several Q/C Chl veinlets with up to 3+% pyrite in the vein area, sulphides seem to be primarily pyrite but some grains may be chalcopyrite.																		
			Unit Sampling:																		
			Q/C veinlets hairline to 1cm or so, irregular, with trace pyrite/?chalcopyrite Chlorite along some veinlets, carbonatized										J356038	65.50	66.00	0.50	6				
			Q/C veinlets hairline to 1cm or so, irregular, with trace pyrite/?chalcopyrite Chlorite along some veinlets, carbonatized										J356039	66.00	66.50	0.50	< 5				
			Control standard RDUP J356039										J356040				7				
			Q/C veinlets irregular, with trace pyrite/?chalcopyrite Chlorite along some veinlets, carbonatized										J356041	66.50	67.00	0.50	30				
			" "										J356042	67.00	67.50	0.50	6				
			" "										J356043	67.50	68.00	0.50	5				
			" "										J356044	68.00	68.50	0.50	< 5				
			" "										J356045	68.50	69.00	0.50	< 5				
			" "										J356046	69.00	69.50	0.50	< 5				
			" "										J356047	69.50	70.00	0.50	< 5				
			" "										J356048	70.00	70.50	0.50	< 5				
			" "										J356049	70.50	71.00	0.50	< 5				
			" "										J356050	71.00	71.50	0.50	< 5				
			" "										J356051	71.50	72.00	0.50	< 5				
			" "										J356052	72.00	72.50	0.50	< 5				
72.50	75.65	Intermediate/Felsic Pyroclastic (Ash to Lapilli Tuff)	Unit similar to 35m to 65.5m, maybe just a bit finer grained. Back to medium to light grey-green colour with reduction in carbonatization highly sercite alteration along foliation planes. Moderate+ foliation at +/-60° to core axis. Fragments variable lithologies qtz crystals, intermediate, felsic and locally fragments containing finely disseminated pyrite sulphides. Lower contact sharp but irregular along a 2cm white Q/C veinlet with trace graphite, ? 50° to core axis. Locally black chlorite																		

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			slips/fracture coatings notable. Irregular Carb/Qtz veinlets occasionally. Trace disseminated pyrite																		
			Unit Sampling:																		
			Light irregular Q/C veinlets with local trace pyrite on foliation surfaces										J356053	72.50	73.00	0.50	< 5				
			Light irregular Q/C veinlets with local trace pyrite on foliation surfaces										J356054	73.00	74.00	1.00	< 5				
			Light irregular Q/C veinlets with local trace pyrite on foliation surfaces										J356055	74.00	75.00	1.00	< 5				
			Light irregular Q/C veinlets with local trace pyrite on foliation surfaces										J356056	75.00	76.00	1.00	< 5				
			Light irregular Q/C veinlets with local trace pyrite on foliation surfaces (a few more veinlets and rubbly close to next unit)										J356057	76.00	76.65	0.65	< 5				
76.65	91.55	Chemical Sediment (Silica/Sulphide Banded Iron Formation)	Complet unit mixture of black chert, argillite, and sulphide bands. Graphite fractures noted through the interval. Very hard unit. Mottled light grey, dark grey and brown in a roughly stiped pattern. Bulf of the unit is black chert follwed by argilite then sulphides. The sulphide bands vary from hariline to 4cm in thickness and are more prevalent in the top of the unit. The sulphide, primarily pyritey (cp+sph?) occurs as amoeboid shaped grains concentrated in discrete bands. These band locally will conduct electricity from one side of the core to the other. Graphite covered fractures are more common in the bottom of the interval, still with some sulphides associated. Banding, though irregular, seems to be at high angles to the core axis. The whole unit has been Shattered and shot with white quartz and iron carbonate veining with some sulphide associated. Obviously the graphitic fractures are conductive. There would appear to be black chlorite filled fractures present as well. Sulphides seem to represent from 2-5% of the interval and up to 10-15% locally over short intervals. Pyrite grains under the microscope are just that, pyrite grains usually individual amoeboid forms but often coalescing into small masses of several cm's. Only occasional grain of probable chalcopyrite notable but no other sulphide discernable (ie sphalerite)																				
			Unit Sampling:																		
			Silica Sulpide BIF										J356058	76.65	77.00	0.35	8				
			Silica Sulpide BIF Sulphides more intense.										J356059	77.00	78.00	1.00	17				
			Control standard OREAS 61d										J356060				5030				
			Silica/Sulphide BIF										J356061	78.00	79.00	1.00	< 5				
			Silica/Sulphide BIF										J356062	79.00	80.00	1.00	< 5				
			Silica/Sulphide BIF										J356063	80.00	81.00	1.00	8				

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SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Silica/Sulphide BIF										J356064	81.00	82.00	1.00	23				
		Continued	Silica/Sulphide BIF										J356065	82.00	83.00	1.00	69				
			Silica/Sulphide BIF										J356066	83.00	84.00	1.00	33				
			Silica/Sulphide BIF										J356067	84.00	85.00	1.00	44				
			Silica/Sulphide BIF										J356068	85.00	86.00	1.00	15				
			Silica/Sulphide BIF										J356069	86.00	87.00	1.00	22				
			Silica/Sulphide BIF										J356070	87.00	88.00	1.00	12				
			Silica/Sulphide BIF (Graphide becoming prevalent)										J356071	88.00	89.00	1.00	44				
			Silica/Sulphide BIF (Graphide becoming prevalent)										J356072	89.00	90.00	1.00	14				
			Silica/Sulphide BIF (Graphide becoming prevalent)										J356073	90.00	91.00	1.00	58				
			Silica/Sulphide BIF (Graphide becoming prevalent)										J356074	91.00	91.55	0.55	60				
31.55	96.85	Diabase	Typical diabase unit for the area. Medium to dark green grey and medium to fine grained. Basically non foliated and massive with only a few Q/C/epidote veinlets notable. Light to moderately magnetic. Upper contact sharp but irregular. Not much to say…																		
			Unit Sampling: (Sampled only for Continuity)																		
			Diabase										J356075	91.55	92.00	0.45	6				
			Diabase										J356076	92.00	93.00	1.00	< 5				
			Diabase										J356077	93.00	94.00	1.00	< 5				
			Diabase										J356078	94.00	95.00	1.00	< 5				
			Diabase										J356079	95.00	96.00	1.00	< 5				
			Control standard BLANK										J356080				< 5				
			Diabase										J356081	96.00	96.85	0.85	< 5				
96.85	98.70	Mafic/Intermediate Volcanic	Unit very similar in appearance to the Diabase above. The volcanic is a bit finer grained. More green chloritized, more fractured and Q/C filled, and non-magnetc compared to the diabase. There are Q/C/epidote veinlets in the diabase that are absent in this unit. Light foliation at approx 50° to core axis notable at the bottom of the interval. Lower contact very sharp at 40° to core axis. Trace diss pyrite at best																		
			Unit Sampling:																		
			Irregular Q/C veinlets										J356082	96.85	97.75	0.90	< 5				
			Irregular Q/C veinlets										J356083	97.75	98.70	0.95	< 5				

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SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
98.70	104.60	Fault Zone	This ataclastic zone is composed of Argillite/Graphite/Mafic Volcanic/ and Tuff. Fround together in an intimate mixture of pylonitized litholoies. Foliation and fracutres in the zone are irregularly oriented but locally an impression of a foliation at 40° to the core axis. Unit displays extreme deformation though "pirmary" features such as marcasite (pyrite) nodules of about 1cm grains are locally notable round and underformed. Pyrite nodules are notable through the unit with the graphite/argillite, Trace to 1% locally over short intervals. Upper contact very sharp at 40° to core axis. Unit is moderately to strongly carbonatized throuhout.																		
		Mix of: Argillite,																			
		Graphite, Mafic																			
		Volcanic, Tuff																			
			98.7m-100m Grey smoky Qtz vein with +/- 3% granular pyrite in pieces in the cataclastite zone. Pieces of Qtz are internally fractured quite finely ie injected with later veining.																		
			104m-104.25m Black Chert with Tr-1% sulphides. Hard.																		
			May be a bit of black chlorite as well with praphite. Graphite is conductive. Bottom of the unit defined by loss of graphite/argillite though next unit exhimits extreme fractuation and strain likely part of the same large fault zone.																		
			Unit Sampling:																		
			Grey/Black fractured, smoky Qtz vein with 3-5% disseminated pyrite locally										J356084	98.70	99.35	0.65	56				
			Bits and pieves of smokey Qtz in cataclastite mix										J356085	99.35	100.00	0.65	57				
			cataclastite mix										J356086	100.00	101.00	1.00	24				
			cataclastite mix										J356087	101.00	102.00	1.00	26				
			cataclastite mix										J356088	102.00	103.00	1.00	85				
			cataclastite mix										J356089	103.00	104.00	1.00	22				
			Black Chert with Trace-2% pyrite										J356090	104.00	104.60	0.60	35				
104..6	119.75	Fault Zone	This unit is still part of the cataclastic above except the affected origional host is a felsic to intermediate ash to lapilli tuff. Lapilli sized fragments are clearly visible locally. Unit is beige olive coloured and variably foliated locally. Most of the unit is very broken up and rubbly influenced by the unit above. Foliation in the unit from about 40° to core axis to sub parallel to the core axis. Unit shot with irregular Q/C and C veinlets. Chloritic crud on most of the fracture surfaces. Vein occasional grains of disseminated pyrite notable locally. Unit may be a bit carbonatized and/or sericitized locally																		
		Felsic/Intermediate																			
		Lapilli Tuff																			
			Unit Sampling:																		
			Irregular Q/C veinlets, trace disseminated pyrite locally, trace black chlorite locally										J356091	104.60	105.00	0.40	19				

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SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Irregular Q/C veinlets, trace disseminated pyrite locally, trace black chlorite locally										J356092	105.00	106.00	1.00	8				
		Continued	Irregular Q/C veinlets, trace disseminated pyrite locally, trace black chlorite locally										J356093	106.00	107.00	1.00	7				
			Irregular Q/C veinlets, trace disseminated pyrite locally, trace black chlorite locally										J356094	107.00	108.00	1.00	< 5				
			Irregular Q/C veinlets, trace disseminated pyrite locally, trace black chlorite locally										J356095	108.00	109.00	1.00	< 5				
			10cm thick Q/C veinlet at 119m at high angle to core axis, trace pyrite										J356096	118.60	119.75	1.15	< 5				
119.75	142.10	Mafic/Intermediate	Very coarse and poorly sorted pyroclastic unit with multi-sized and mulit-lithology fragments. Fragments mainly mafic to intermediate composition, many of the large fragments are amygdaloidal mafics. Fragments of argillite, sulphides (pyrite), black + green chlorite etc easily identifiable. Fragments are from angular to rounded forms from ash to tens of cm's in size. Not strongly foliated in general, locally foliated at approx 40 to 50° to the core axis. 15cm thick cooked zone of contact metamorphism with the diabase below, lower contact sharp at 70° to core axis.																		
		Pyroclastic																			
		(Agglomerate)																			
		(Flow Breccia?)																			
			Unit Sampling:																		
			Q/C veinlets with trace pyrite at contact										J356097	119.75	120.45	0.70	< 5				
			Trace disseminated pyrite only										J356098	120.45	121.45	1.00	< 5				
			Trace disseminated pyrite only										J356099	121.45	122.45	1.00	< 5				
			Control standard OREAS 52c										J356100				342				
			Maybe a 10cm thick argillite band at 50° to core axis, trace-1% pyrite Q/C veinlyets associated, some of the pyrite occurs as O?? Nodules										J356101	122.45	123.45	1.00	< 5				
			Trace veinlets, trace disseminated pyrite										J356102	123.45	124.45	1.00	< 5				
142.10	143.45	Diabase	Typical unit. Medium to fine grained, dark green to black massive, lightly to moderately magnetic, very little to no structure notable except on occasional carb veinlet. Locally a bit rubbly. Both upper and lower contact hace a cill margin of 3-4cm and has cooked both units above and below. Lower contact sharp at 70° tp core axis																		
143.45	177.2	Mafic/Intermediate	Light to medium green or olive colour, fine grained with notable round amygdules locally to 0.5cm or so in grain size. Amygdules, usually carbonate filled, do not exhibit significant deformation and occur in round or sub-round shapes. Through the unit hte lithology varies locally from massive to amygdaloidal to pillowed. Beautiful																		
		Volcanic																			
		(Pillowed and																			
		Amygdaloidal)																			

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HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
			clastic pillow selvedges and devitrified hyaloclastite (with trace sulphides locally) are notable (textbook). Positioning of the mygdules in the pillows would indicate up direction would be up-hole. Other than being broken up a bit and rubbly locally there is very little structure (foliation) notable. Irregular carb or carb Qtz veinlets are present throughout. Unit is moderately+ pervasively carbonatized throughout. Most of the pillows are on the order of 0.5 to 1m in size.																		
			168m-174m Unit more broken up and rubbly, some due to drilling some caused by weaknesses on the fracture planes																		
			Unit Sampling:																		
			Check of a hyaloclastite sections with trace+ pyrite associated										J365103	164.30	164.60	0.30	< 5				
177.20	195.00	Mafic/Intermediate Volcanic (Pillowed, Amygdaloidal and Brecciated)	Unit is the same basically as 143.45 to 177.20 except that it has been brecciated and shot with numberous carb and C/Q maybe locally with a bit of black chlorite or tourmaline. The veilets appear to be a stockwork in shattering as opposed to falling in a pervasive foliation. The veinlets, primarily carbonate vary in thickness from hairline to several cm's in thickness. The unit is rubbly in places. In vicinity of 189m there is observed a fracture system/Fault running subparallel to the core axis at 20°, chloritic crug notable in the fractures. There is very little disseminated pyrite noted in with some of the hyaloclastite and associated carb veinlets. The unit is variably, pervasively lightly to strongly carbonatized throughout.																		
			Sampling is good concience checking of some of the sulphides in hyaloclastite and veinlets only to explain discontinuous nature of sample pattern																		
			Unit Sampling:																		
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356104	177.20	178.40	1.20	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356105	178.40	178.50	0.10	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356106	178.50	179.25	0.75	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356107	179.25	179.75	0.50	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356108	179.75	180.55	0.80	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356109	180.55	181.35	0.80	< 5				
			Trace+ pyrite in hyaloclastite with irregular carbonitite in fracture system/breccia										J356110	181.35	182.25	0.90	< 5				
			Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356111	189.50	190.00	0.50	< 5				
			Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356112	190.00	191.00	1.00	< 5				

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HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356113	191.00	192.00	1.00	< 5				
		Continued	Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356114	192.00	193.00	1.00	< 5				
			Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356115	193.00	194.00	1.00	< 5				
			Less hyaloclastite than previous, Carb+Carb/Q ceinlets with trace pyrite in shatter										J356116	194.00	195.00	1.00	< 5				
195.00	202.15	Mafic/Intermediate Volcanic (Pillowed and Amygdaloidal)	Unit basically the same as 143.45m to 177.20m. Not brecciated and shot with Carb and Carb/Qtz veinlets as the unit above. Very clearly discernable pillow (some quite small on the order of 10cm of core) with hyaloclastite between. The unit has little to no foliation notable. A feb irregular Carb and Carb/Qtz veinlets scattered through the unit as well as being associated with the pillow selvedges and hyaloclastite. Unit is relatively "pristine" except for the moderate pervasive carbonatization above teh sharp contact with the unit below. Trace disseminated pyrite in the hyaloclastite locally. Amygdules rounded to subrounded shapes to 1cm diameter and filled with carbonates.																		
			Unit Sampling:																		
			Carb/Q veining in hyaloclastite with trace pyrite (check only)										J356117	201.40	201.90	0.50	< 5				
202.15	239.00	Mafic Volcanic (Pillowed and Amygdaloidal)	Unit very similar to 143.45m to 177.20m except a darker green/grey colour due to pervasive chloritization as opposed to the pervasive carbonatization above. Unit is medium to fine grained with pillow selvedges, hyaloclastite and amygdules very clearly descernable locally through the unit. Pillows would seem to be about 20cm to a metre or so in size. Selvedges are locally devitrified hyaloclastite, some with a bit of disseminated pyrite and/or carbonate veining and alteration associated as well. Amygdules are round or subround shapes (elongate). No foliation notable. Relatively pristine unit. Some local pervasive carbonatization close to the selvedges and hyaloclastite. Bottom of the interval from about 229m-239m unit returns to a more olive colour and regains its pervasive carbonatization																		
			Unit Sampling:																		
			Check on pillow selvedge with hyaloclastite and trace sulphides										J356118	203.10	203.40	0.30	< 5				
			Check on pillow selvedge with hyaloclastite and trace sulphides										J356119	205.60	206.20	0.60	< 5				
			Control standard RDUP of J356119										J356120				< 5				
			Carb/Qtz veinlet, suspect associated with a pillow selvedge by its cupate form, trace disseminated pyrite grains										J356121	215.15	216.45	1.30	10				

PLATINEX INC.

SHINING TREE PROJECT, ONTARIO - GOLD CORONA

HOLE#: PGC21-01

Depth		Rock Type	Description	Struct. core angles				Strain	Alteration Characteristics				Sample Assays								
From	To			S_o	Fol	Flow	Vn	Intens	Type	Intens	%QCV	%Py	Sample	From	To	Width	Au ppb				
		Unit Sampling	Carb/Qtz veinlet, suspect associated with a pillow selvedge by its cupate form, trace disseminated pyrite grains										J356122	234.00	235.00	1.00	13				
		Continued																			
239.00	248.70	Mafic/Intermediate	Medium to light grey/green colour, medium grained and fragmental in appearance. Fragments angular to sub angular shapes from 0.5mm to 1cm in size. Composition of the fragments is consistant to the other lithologic in the packages. Have the impression that the unit is a pyroclastic as apposed to a more "flow type" breccia. Unit is not well bedded. Irregular Carb and Carb/Qtz veinlets are present as per usual. Upper contact sharp at 60° to the core axis. Lower contact is sharp as well at about 80° to the core axis. Looks very much like a tuff close to the lower contact																		
		Tuff																			
			Unit Sampling:																		
			Light irregular carb veinlets, trace pyrite disseminated, maybe a little black chlorite										J356123	247.70	248.20	0.50	< 5				
			Light irregular carb veinlets, trace pyrite disseminated, maybe a little black chlorite										J356124	248.20	248.70	0.50	11				
248.70	249.50	Sediment	Black/green argillite with pyritic beds and stingers. Graphitic beds are notable as well. Typical narrow banded unit with sharp contacts top and bottom at 80-90° to the core axis. Irregular hairline to 0.5cm thick carb veinlets notable. Pyrite and graphite have been verified for conductivity at least through the diameter of the drill core. This unit is potentially the #2 IP target																		
		Argillite/Graphite/																			
		Sulphide																			
			Presence of this unit is the reason for continuing the hole for 3 runs past the original target depth of 250m																		
			Unit Sampling:																		
			Argillite/Graphite/Sulphide bed. 1-2% pyrite as stringer on beds.										J356125	248.70	249.50	0.80	42				
249.50	261.00	Mafic/Intermediate	As above described. Pillow Selvedges and hyaloclastite very notable as units above. Some trace sulphide noted in the hyaloclastite, Unit variably carbonatized to moderately. Unit has no particular foliation notable.																		
		Volcanic																			
		(Pillowed and																			
		Amygdalidal)	**Unit Sampling:**																		
			Irregular Carb veinlets with trace pyrite										J356126	249.50	250.00	0.50	< 5				
			Irregular Carb veinlets with trace pyrite										J356127	250.00	251.00	1.00	< 5				
261.00		EOH	END OF HOLE																		

Appendix III

Certificates of Analysis

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-09270**
Report Date: **09-Jun-21**
Date Submitted: **25-May-21**
Your Reference: **Platinex inc**

Plantinex Inc
807 William roe BLVD
Newmarket Ontario l3y 5v6
Canada

ATTN: James R trusler

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-06-07 08:43:42

REPORT **A21-09270**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
8101	9
8102	7
8103	5
8104	< 5
8105	5
8106	6
8107	33
8108	55
8109	9
8110	6
8111	< 5
8112	5
8113	5
8114	6
8115	< 5
8116	6
8117	7
8118	78
8119	6
8120	5270
8121	19
8122	< 5
8123	< 5
8124	< 5
8125	< 5
8126	< 5
8127	111
8128	10
8129	157
8130	1060
8131	12
8132	14
8133	49
8134	< 5
8135	< 5
8136	< 5
8137	< 5
8138	10
8139	179
8140	< 5
8141	368
8142	920
8143	382
8144	122
8145	32
8146	7
8147	141
8148	< 5
8149	< 5
8150	< 5
8151	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
8152	5
8153	< 5
8154	7
8155	35
8156	6
8157	60
8158	< 5
8159	22
8160	365
8161	8
8162	5
8163	5
8164	< 5
8165	< 5
8166	< 5
8167	< 5
8168	< 5
8169	< 5
8170	7
8171	10
8172	< 5
8173	< 5
8174	7
8175	8
8176	< 5
8177	27
8178	< 5
8179	< 5
8180	25
8181	19
8182	5
8183	< 5
8184	< 5
8185	< 5
8186	< 5
8187	6
8188	5
8189	203
8190	15
8191	342
8192	< 5
8193	592
8194	58
8195	260
8196	122
8197	< 5
8198	5
8199	< 5
8200	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2170
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2290
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2270
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	498
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	515
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	526
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	524
Oreas E1336 (Fire Assay) Cert	510
8110 Orig	7
8110 Dup	5
8121 Orig	15
8121 Dup	22
8145 Orig	30
8145 Dup	33
8150 Orig	< 5
8150 Split PREP DUP	< 5
8154 Orig	7
8154 Dup	6
8164 Orig	< 5
8164 Dup	< 5
8179 Orig	< 5
8179 Dup	< 5
8199 Orig	5
8199 Dup	< 5
8200 Orig	< 5
8200 Split PREP DUP	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	5
Method Blank	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-10203**
Report Date: **25-Jun-21**
Date Submitted: **04-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

71 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-06-23 12:54:42

REPORT **A21-10203**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
8251	< 5
8252	< 5
8253	7
8254	10
8255	123
8256	105
8257	1120
8258	903
8259	154
8260	4940
8261	101
8262	26
8263	44
8264	230
8265	154
8266	260
8267	< 5
8268	< 5
8269	< 5
8270	< 5
8271	44
8272	63
8273	120
8274	1190
8275	2150
8276	300
8277	63
8278	300
8279	1600
8280	< 5
8281	45
8282	192
8283	145
8284	18
8285	21
8286	< 5
8287	< 5
8288	30
8289	12
8290	5
8291	116
8292	5
8293	38
8294	7
8295	10
8296	31
8297	5
8298	5
8299	12
8300	340
8301	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
8302	< 5
8303	145
8304	< 5
8305	8
8306	< 5
8307	6
8308	6
8309	5
8310	12
8311	8
8312	697
8313	6
8314	< 5
8315	7
8316	5
8317	< 5
8318	132
8319	262
8320	340
8321	13

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2190
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2120
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2200
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	513
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	495
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	506
Oreas E1336 (Fire Assay) Cert	510
8261 Orig	81
8261 Dup	120
8270 Orig	< 5
8270 Dup	< 5
8280 Orig	< 5
8280 Dup	< 5
8295 Orig	12
8295 Dup	7
8301 Orig	< 5
8301 Split PREP DUP	< 5
8304 Orig	< 5
8304 Dup	< 5
8314 Orig	< 5
8314 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11603**
Report Date: **20-Jul-21**
Date Submitted: **22-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: Dean R Cutting

CERTIFICATE OF ANALYSIS

24 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-07-19 17:39:19

REPORT **A21-11603**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356104	< 5
J356105	< 5
J356106	< 5
J356107	< 5
J356108	< 5
J356109	< 5
J356110	< 5
J356111	< 5
J356112	< 5
J356113	< 5
J356114	< 5
J356115	< 5
J356116	< 5
J356117	< 5
J356118	< 5
J356119	< 5
J356120	< 5
J356121	10
J356122	13
J356123	< 5
J356124	11
J356125	42
J356126	< 5
J356127	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2270
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2180
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2160
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	516
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	528
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	528
Oreas E1336 (Fire Assay) Cert	510
J356110 Orig	< 5
J356110 Dup	< 5
J356120 Orig	< 5
J356120 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-12329**
Report Date: **20-Jul-21**
Date Submitted: **30-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: Dean R Cutting

CERTIFICATE OF ANALYSIS

59 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-07-19 17:39:19

REPORT **A21-12329**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
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Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356128	18
J356129	9
J356130	< 5
J356131	5
J356132	< 5
J356133	< 5
J356134	32
J356135	20
J356136	14
J356137	103
J356138	369
J356139	373
J356140	4190
J356141	150
J356142	55
J356143	95
J356144	46
J356145	50
J356146	19
J356147	13
J356148	< 5
J356149	< 5
J356150	< 5
J356151	< 5
J356152	< 5
J356153	< 5
J356154	< 5
J356155	< 5
J356156	39
J356157	102
J356158	50
J356159	23
J356160	< 5
J356161	7
J356162	9
J356163	< 5
J356164	< 5
J356165	5
J356166	< 5
J356167	< 5
J356168	< 5
J356169	9
J356170	13
J356171	< 5
J356172	< 5
J356173	< 5
J356174	5
J356175	< 5
J356176	< 5
J356177	< 5
J356178	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356179	< 5
J356180	349
J356181	11
J356182	< 5
J356183	10
J356184	< 5
J356185	< 5
J356186	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2270
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2180
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2160
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	516
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	528
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	528
Oreas E1336 (Fire Assay) Cert	510
J356130 Orig	< 5
J356130 Dup	< 5
J356150 Orig	< 5
J356150 Dup	< 5
J356160 Orig	< 5
J356160 Dup	< 5
J356170 Orig	13
J356170 Dup	12
J356175 Orig	< 5
J356175 Dup	< 5
J356177 Orig	< 5
J356177 Split PREP DUP	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-13569**
Report Date: **23-Aug-21**
Date Submitted: **16-Jul-21**
Your Reference:

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: Dean R Cutting

CERTIFICATE OF ANALYSIS

47 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-08-20 15:40:15

REPORT **A21-13569**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356187	10
J356188	6
J356189	6
J356190	11
J356191	5
J356192	5
J356193	25
J356194	26
J356195	< 5
J356196	131
J356197	22
J356198	6
J356199	6
J356200	7
J356201	61
J356202	6
J356203	7
J356204	6
J356205	167
J356206	23
J356207	48
J356208	24
J356209	17
J356210	26
J356211	6
J356212	6
J356213	8
J356214	6
J356215	6
J356216	6
J356217	10
J356218	< 5
J356219	< 5
J356220	4990
J356221	11
J356222	8
J356223	6
J356224	7
J356225	12
J356226	6
J356227	9
J356228	8
J356229	12
J356230	9
J356231	11
J356232	10
J356233	8

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2250
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2320
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	523
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	517
Oreas E1336 (Fire Assay) Cert	510
J356196 Orig	138
J356196 Dup	124
J356206 Orig	20
J356206 Dup	25
J356216 Orig	7
J356216 Dup	5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-14613**
Report Date: **23-Aug-21**
Date Submitted: **03-Aug-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James Trusler

CERTIFICATE OF ANALYSIS

117 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-08-23 09:23:31

REPORT **A21-14613**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356234	12
J356235	12
J356236	9
J356237	14
J356238	12
J356239	11
J356240	< 5
J356241	5
J356242	< 5
J356243	< 5
J356244	< 5
J356245	11
J356246	< 5
J356247	7
J356248	< 5
J356249	< 5
J356250	21
J356251	< 5
J356252	7
J356253	< 5
J356254	< 5
J356255	< 5
J356256	< 5
J356257	< 5
J356258	7
J356259	< 5
J356260	361
J356261	< 5
J356262	9
J356263	126
J356264	< 5
J356265	< 5
J356266	54
J356267	< 5
J356268	< 5
J356269	< 5
J356270	< 5
J356271	< 5
J356272	< 5
J356273	< 5
J356274	< 5
J356275	< 5
J356276	16
J356277	1460
J356278	11
J356279	43
J356280	19
J356281	< 5
J356282	5
J356283	11
J356284	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356285	< 5
J356286	< 5
J356287	< 5
J356288	< 5
J356289	< 5
J356290	< 5
J356291	< 5
J356292	< 5
J356293	< 5
J356294	< 5
J356295	< 5
J356296	< 5
J356297	< 5
J356298	< 5
J356299	< 5
J356300	5070
J356301	< 5
J356302	< 5
J356303	< 5
J356304	< 5
J356305	< 5
J356306	5
J356307	< 5
J356308	< 5
J356309	< 5
J356310	< 5
J356311	< 5
J356312	< 5
J356313	< 5
J356314	< 5
J356315	< 5
J356316	< 5
J356317	< 5
J356318	< 5
J356319	< 5
J356320	< 5
J356321	< 5
J356322	< 5
J356323	< 5
J356324	< 5
J356325	13
J356326	168
J356327	< 5
J356328	6
J356329	< 5
J356330	< 5
J356331	< 5
J356332	< 5
J356333	13
J356334	9
J356335	47

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356336	5
J356337	7
J356338	< 5
J356339	< 5
J356340	353
J356341	35
J356342	< 5
J356343	< 5
J356344	< 5
J356345	< 5
J356346	< 5
J356347	8
J356348	9
J356349	6
J356350	11

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2280
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2290
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2210
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2210
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	514
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	526
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	519
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	503
Oreas E1336 (Fire Assay) Cert	510
J356243 Orig	< 5
J356243 Dup	< 5
J356253 Orig	< 5
J356253 Dup	< 5
J356263 Orig	136
J356263 Dup	116
J356278 Orig	10
J356278 Dup	11
J356283 Orig	11
J356283 Split PREP DUP	< 5
J356287 Orig	< 5
J356287 Dup	< 5
J356297 Orig	< 5
J356297 Dup	7
J356312 Orig	< 5
J356312 Dup	< 5
J356322 Orig	< 5
J356322 Dup	< 5
J356332 Orig	< 5
J356332 Dup	< 5
J356333 Orig	13
J356333 Split PREP DUP	23

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356346 Orig	< 5
J356346 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-14861**
Report Date: **17-Aug-21**
Date Submitted: **08-Aug-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James Trusler

CERTIFICATE OF ANALYSIS

57 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-08-16 15:41:42

REPORT **A21-14861**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356351	12
J356352	9
J356353	12
J356354	15
J356355	20
J356356	13
J356357	14
J356358	11
J356359	9
J356360	9
J356361	20
J356362	13
J356363	9
J356364	12
J356365	9
J356366	< 5
J356367	5
J356368	< 5
J356369	5
J356370	< 5
J356371	10
J356372	8
J356373	< 5
J356374	< 5
J356375	< 5
J356376	10
J356377	56
J356378	< 5
J356379	< 5
J356380	4680
J356381	16
J356382	15
J356383	344
J356384	23
J356385	7
J356386	6
J356387	7
J356388	< 5
J356389	5
J356390	144
J356391	26
J356392	9
J356393	< 5
J356394	< 5
J356395	56
J356396	125
J356397	1800
J356398	449
J356399	11
J356400	< 5
J356401	5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
J356402	< 5
J356403	22
J356404	7
J356405	10
J356406	197
J356407	5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2280
Oreas 237 (Fire Assay) Cert	2210
Oreas 237 (Fire Assay) Meas	2260
Oreas 237 (Fire Assay) Cert	2210
Oreas E1336 (Fire Assay) Meas	525
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	522
Oreas E1336 (Fire Assay) Cert	510
J356360 Orig	9
J356360 Dup	8
J356370 Orig	< 5
J356370 Dup	< 5
J356381 Orig	20
J356381 Dup	11
J356400 Orig	< 5
J356400 Dup	< 5
J356401 Orig	5
J356401 Split PREP DUP	5
J356407 Orig	5
J356407 Dup	5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-15852**
Report Date: **10-Sep-21**
Date Submitted: **19-Aug-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

82 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-09-10 13:28:03

REPORT **A21-15852**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A21-15852**
Report Date: **10-Sep-21**
Date Submitted: **19-Aug-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

82 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	

REPORT **A21-15852**

Notes:

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

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
J356408	105	
J356409	33	
J356410	35	
J356411	8	
J356412	16	
J356413	212	
J356414	763	
J356415	12	
J356416	16	
J356417	51	
J356418	12	
J356419	7	
J356420	366	
J356421	10	
J356422	12	
J356423	8	
J356424	6	
J356425	6	
J356426	88	
J356427	148	
J356428	37	
J356429	132	
J356430	11	
J356431	8	
J356432	8	
J356433	7	
J356434	11	
J356435	7	
J356436	16	
J356437	50	
J356438	9	
J356439	8	
J356440	9	
J356441	53	
J356442	14	
J356443	6	
J356444	7	
J356445	< 5	
J356446	6	
J356447	8	
J356448	101	
J356449	5	
J356450	8	
J356451	5	
J356452	< 5	
J356453	< 5	
J356454	12	
J356455	< 5	
J356456	< 5	
J356457	47	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
J356458	< 5	
J356459	667	
J356460	4930	
J356461	5	
J356462	< 5	
J356463	< 5	
J356464	159	
J356465	61	
J356466	70	
J356467	33	
J356468	209	
J356469	70	
J356470	7	
J356471	< 5	
J356472	9	
J356473	5010	6.40
J356474	30	
J356475	6	
J356476	104	
J356477	7	
J356478	23	
J356479	496	
J356480	< 5	
J356481	5	
J356482	5	
J356483	9	
J356484	< 5	
J356485	< 5	
J356486	< 5	
J356487	< 5	
J356488	15	
J356489	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2180	
Oreas 237 (Fire Assay) Cert	2210	
Oreas 237 (Fire Assay) Meas	2240	
Oreas 237 (Fire Assay) Cert	2210	
Oreas 237 (Fire Assay) Meas	2240	
Oreas 237 (Fire Assay) Cert	2210	
Oreas 237 (Fire Assay) Meas	2270	
Oreas 237 (Fire Assay) Cert	2210	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	516	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	491	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	506	
Oreas E1336 (Fire Assay) Cert	510	
OREAS 228 Meas		8.74
OREAS 228 Cert		8.73
J356414 Orig	827	
J356414 Dup	699	
J356427 Orig	132	
J356427 Dup	164	
J356457 Orig	47	
J356457 Split PREP DUP	36	
J356458 Orig	11	
J356458 Dup	< 5	
J356466 Orig	69	
J356466 Dup	71	
J356476 Orig	111	
J356476 Dup	96	
J356479 Orig	525	
J356479 Dup	466	
J356487 Orig	< 5	
J356487 Dup	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	5	
Method Blank	5	
Method Blank	< 5	
Method Blank	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	5	
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11003**
Report Date: **29-Jun-21**
Date Submitted: **14-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2021-06-23 12:54:42

REPORT **A21-11003**

Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
J356000	< 5	
J356001	14	
J356002	45	
J356003	< 5	
J356004	5	
J356005	6	
J356006	5	
J356007	< 5	
J356008	< 5	
J356009	8	
J356010	290	
J356011	270	
J356012	< 5	
J356013	6	
J356014	7	
J356015	65	
J356016	20	
J356017	28	
J356018	21	
J356019	8	
J356020	353	
J356021	9	
J356022	8	
J356023	6	
J356024	6	
J356025	5	
J356026	5	
J356027	6	
J356028	6	
J356029	33	
J356030	8	
J356031	5	
J356032	6	
J356033	82	
J356034	53	
J356035	6	
J356036	7	
J356037	7	
J356038	6	
J356039	< 5	
J356040	7	
J356041	30	
J356042	6	
J356043	5	
J356044	< 5	
J356045	< 5	
J356046	< 5	
J356047	< 5	
J356048	< 5	
J356049	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
J356050	< 5	
J356051	< 5	
J356052	< 5	
J356053	< 5	
J356054	< 5	
J356055	< 5	
J356056	< 5	
J356057	< 5	
J356058	8	
J356059	17	
J356060	5030	4.81
J356061	< 5	
J356062	< 5	
J356063	8	
J356064	23	
J356065	69	
J356066	33	
J356067	44	
J356068	15	
J356069	22	
J356070	12	
J356071	44	
J356072	14	
J356073	58	
J356074	60	
J356075	6	
J356076	< 5	
J356077	< 5	
J356078	< 5	
J356079	< 5	
J356080	< 5	
J356081	< 5	
J356082	< 5	
J356083	< 5	
J356084	56	
J356085	57	
J356086	24	
J356087	26	
J356088	85	
J356089	22	
J356090	35	
J356091	19	
J356092	8	
J356093	7	
J356094	< 5	
J356095	< 5	
J356096	< 5	
J356097	< 5	
J356098	< 5	
J356099	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
J356100	342	
J356101	< 5	
J356102	< 5	
J356103	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.3
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2160	
Oreas 237 (Fire Assay) Cert	2210	
Oreas 237 (Fire Assay) Meas	2140	
Oreas 237 (Fire Assay) Cert	2210	
Oreas 237 (Fire Assay) Meas	2120	
Oreas 237 (Fire Assay) Cert	2210	
OREAS 228b (Fire Assay) Meas		8.80
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	523	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	522	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	500	
Oreas E1336 (Fire Assay) Cert	510	
J356009 Orig	8	
J356009 Dup	8	
J356019 Orig	8	
J356019 Dup	8	
J356029 Orig	31	
J356029 Dup	35	
J356044 Orig	< 5	
J356044 Dup	< 5	
J356049 Orig	< 5	
J356049 Split PREP DUP	< 5	
J356053 Orig	< 5	
J356053 Dup	< 5	
J356063 Orig	8	
J356063 Dup	8	
J356078 Orig	< 5	
J356078 Dup	< 5	
J356088 Orig	87	
J356088 Dup	82	
J356099 Orig	< 5	
J356099 Split PREP DUP	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11003-TD**
Report Date: **24-Aug-21**
Date Submitted: **14-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-5	QOP INAAGEO/QOP Ultratrace- 4acid Digest (INAA/Total Digestion ICPMS)	2021-08-11 12:12:10

REPORT **A21-11003-TD**

Notes:

Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

Footnote: insufficient material for sample J356060.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Ag	Ni	Zn	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Hg	Na	Sb	Sc	Se	Ta	Th	U	W	Mass	Cu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm
Lower Limit	2	0.05	0.5	0.5	0.5	1	0.5	0.1	2	0.05	0.01	1	1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	1		0.2
Method Code	INAA	MULT I NAA/TD-ICP-MS	MULT I NAA/TD-ICP-MS	MULT I NAA/TD-ICP-MS	INAA	MULT I NAA/TD-ICP-MS	INAA	MULT I NAA/TD-ICP-MS	INAA	MULT I NAA/TD-ICP-MS	INAA	INAA	INAA	INAA	INAA	INAA	MULT I NAA/TD-ICP-MS	MULT I NAA/TD-ICP-MS	MULT I NAA/TD-ICP-MS	MULT I NAA/TD-ICP-MS	INAA	INAA	TD-MS
J356058	5	0.20	38.1	104	28.0	14	0.6	13.4	37	0.18	11.8	< 1	< 1	0.02	2.3	10.9	0.9	0.1	0.6	0.2	< 1	39.9	46.2
J356059	15	0.31	18.2	41.6	27.0	4	< 0.5	7.8	14	0.07	17.4	< 1	< 1	0.01	3.1	1.2	1.2	< 0.1	0.2	0.1	< 1	45.0	17.5
J356060																							
J356061	< 2	0.69	44.2	43.5	353	3	< 0.5	14.4	18	0.14	12.5	< 1	< 1	0.01	8.9	2.0	2.1	< 0.1	0.4	0.1	< 1	36.5	42.8
J356062	< 2	0.14	19.4	38.2	34.7	2	< 0.5	6.8	13	0.07	9.05	< 1	< 1	0.01	2.2	2.4	1.2	< 0.1	0.2	< 0.1	< 1	40.2	19.4
J356063	5	0.63	25.9	36.5	63.9	2	< 0.5	11.8	9	0.16	11.9	< 1	< 1	0.01	9.2	2.0	1.3	< 0.1	0.3	< 0.1	< 1	42.3	35.0
J356064	23	0.20	16.2	82.9	23.3	4	< 0.5	6.9	9	0.11	8.73	< 1	< 1	0.01	2.3	3.4	1.3	< 0.1	0.3	0.1	3	36.1	20.4
J356065	65	0.71	16.3	43.1	66.2	3	< 0.5	7.5	7	0.11	7.82	< 1	< 1	0.01	6.2	1.1	1.7	< 0.1	0.2	< 0.1	3	42.8	31.8
J356066	33	0.42	15.8	45.5	45.7	4	0.6	8.7	9	0.10	8.85	< 1	< 1	0.01	3.2	2.3	1.9	< 0.1	0.4	0.1	< 1	41.2	36.8
J356067	38	0.27	6.9	24.3	31.2	4	0.6	3.1	6	< 0.05	7.68	< 1	< 1	0.01	2.4	0.6	1.2	< 0.1	0.1	< 0.1	< 1	42.8	17.5
J356068	17	0.16	6.6	22.1	16.9	2	< 0.5	3.2	7	< 0.05	5.03	< 1	< 1	0.01	1.2	0.7	1.2	< 0.1	0.1	< 0.1	< 1	39.6	14.1
J356069	18	0.20	10.6	29.8	31.2	2	0.5	4.1	5	< 0.05	5.83	< 1	< 1	0.01	1.7	1.0	1.6	< 0.1	0.2	< 0.1	< 1	42.7	25.9
J356070	16	0.17	11.7	36.3	18.3	2	< 0.5	2.7	5	< 0.05	6.45	< 1	< 1	0.01	1.3	1.2	1.1	< 0.1	0.1	< 0.1	< 1	42.2	25.7
J356071	42	0.45	59.6	130	87.8	4	< 0.5	31.2	54	0.29	10.1	< 1	< 1	0.01	4.3	15.2	1.8	< 0.1	0.4	0.2	5	35.3	113
J356072	19	0.14	78.4	145	75.2	181	< 0.5	50.5	70	1.50	8.43	1	< 1	0.13	2.0	33.4	1.2	< 0.1	0.5	0.2	10	33.6	76.2
J356073	48	0.14	112	139	114	140	< 0.5	47.7	158	0.85	10.9	1	< 1	0.09	4.1	30.9	1.4	0.3	0.1	0.3	10	37.9	97.7
J356074	55	0.15	88.2	186	89.0	239	< 0.5	36.9	95	2.41	7.37	< 1	< 1	0.07	2.6	23.8	1.2	< 0.1	0.6	0.2	16	36.4	116
J356084	51	0.18	86.5	68.7	142	123	< 0.5	31.4	82	1.60	6.57	< 1	< 1	0.08	4.4	19.1	1.3	< 0.1	0.5	0.2	5	35.7	75.5
J356085	52	0.21	98.4	67.2	163	186	< 0.5	32.8	106	1.90	6.23	1	< 1	0.20	5.0	22.0	1.8	< 0.1	0.6	0.2	2	38.0	99.5
J356086	22	0.22	94.4	64.9	128	253	< 0.5	38.9	106	2.19	6.03	1	< 1	0.36	2.8	27.0	1.0	< 0.1	1.0	0.3	5	32.2	133
J356087	22	0.30	113	96.1	96.5	215	< 0.5	43.0	132	2.14	6.93	1	< 1	0.25	3.3	25.6	1.0	< 0.1	0.9	0.3	5	31.2	92.9
J356088	75	0.78	195	95.6	137	79	< 0.5	60.0	225	1.68	9.11	1	< 1	0.25	9.2	29.3	2.1	0.1	0.5	0.2	< 1	33.3	171
J356089	24	0.27	152	116	102	284	< 0.5	56.5	209	1.99	6.97	< 1	< 1	0.29	4.1	33.9	1.2	< 0.1	0.5	0.2	< 1	31.2	134
J356090	37	0.45	56.2	56.9	57.0	145	< 0.5	23.6	50	0.91	4.09	< 1	< 1	0.15	5.3	8.8	1.5	0.2	1.1	0.3	1	37.0	135
J356101	< 2	0.11	156	123	43.3	250	< 0.5	54.5	196	1.49	6.55	1	< 1	0.34	1.4	30.9	0.8	< 0.1	0.5	0.2	< 1	31.2	122

Analyte Symbol	Cd	Mn	Pb	Be	Bi	Ca	Eu	Ga	Ge	In	Li	Mg	Nb	Mo	Rb	Re	Sn	Sr	Te	Tl	V	Y	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.5	0.1	0.02	0.01	0.05	0.1	0.1	0.1	0.5	0.01	0.1	0.05	0.2	0.001	1	0.2	0.1	0.05	1	0.1	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
J356058	< 0.1	5600	7.2	0.5	0.10	2.55	0.51	5.6	< 0.1	< 0.1	30.7	2.01	1.5	1.64	2.0	0.004	< 1	25.9	0.1	0.18	62	7.8	30
J356059	< 0.1	9930	14.1	0.5	0.12	2.68	0.40	1.6	< 0.1	< 0.1	3.8	1.96	0.5	0.94	0.3	0.005	< 1	44.2	0.1	0.16	10	6.9	9
J356060																							
J356061	0.1	4460	39.3	0.4	0.15	1.81	0.20	2.5	< 0.1	< 0.1	7.5	1.00	1.0	1.61	0.3	0.006	< 1	17.0	0.2	0.22	13	4.0	17
J356062	< 0.1	4290	9.6	0.4	0.11	0.80	0.15	1.6	< 0.1	< 0.1	4.6	1.11	0.5	0.89	< 0.2	0.005	< 1	9.8	0.2	0.10	12	2.8	10
J356063	0.2	4040	42.9	0.3	0.12	1.42	0.15	1.8	< 0.1	< 0.1	4.8	1.02	0.6	1.33	0.3	0.005	< 1	13.2	0.1	0.17	11	2.5	10
J356064	0.2	4240	9.1	0.4	0.23	2.40	0.25	8.7	< 0.1	< 0.1	8.8	1.47	0.7	2.00	0.2	0.007	< 1	51.5	0.2	0.11	81	4.0	12
J356065	< 0.1	3190	27.3	0.4	0.16	2.29	0.21	2.7	< 0.1	< 0.1	3.1	1.04	0.5	68.6	< 0.2	0.008	< 1	38.1	0.2	0.18	25	3.2	8
J356066	< 0.1	4410	15.1	0.4	0.20	4.62	0.43	3.5	< 0.1	< 0.1	4.2	1.25	0.7	56.3	0.3	0.009	< 1	46.2	0.3	0.22	29	6.7	14
J356067	< 0.1	3730	9.2	0.4	0.12	2.49	0.33	1.4	< 0.1	< 0.1	1.6	1.08	0.3	3.65	0.3	0.005	< 1	32.4	0.2	0.10	9	4.1	6
J356068	< 0.1	2410	3.9	0.3	0.14	2.40	0.33	1.5	< 0.1	< 0.1	1.9	0.71	0.4	1.59	< 0.2	0.005	< 1	23.2	0.3	0.08	9	3.8	6
J356069	< 0.1	2580	6.4	0.4	0.22	2.05	0.30	2.1	< 0.1	< 0.1	2.2	0.92	0.6	1.97	< 0.2	0.005	< 1	21.9	0.3	0.09	13	3.6	8
J356070	< 0.1	3350	4.7	0.3	0.13	2.65	0.23	1.8	< 0.1	< 0.1	1.7	1.14	0.4	1.86	< 0.2	0.005	< 1	28.5	0.2	0.07	14	3.0	5
J356071	< 0.1	2510	15.8	0.5	0.19	3.79	0.45	10.5	< 0.1	< 0.1	40.7	2.11	1.6	4.41	0.3	0.006	1	31.3	0.2	0.45	136	8.5	38
J356072	< 0.1	1390	5.3	1.1	0.11	2.54	0.66	15.8	0.4	< 0.1	59.5	2.55	1.4	1.77	28.9	0.005	2	41.8	< 0.1	0.28	293	14.5	69
J356073	< 0.1	615	6.7	1.1	0.17	0.50	0.28	16.2	0.5	< 0.1	58.6	2.12	3.3	3.47	2.0	0.006	3	14.5	0.3	0.23	240	4.3	69
J356074	0.4	1310	4.9	1.4	0.13	4.51	1.01	14.2	0.1	< 0.1	48.7	1.99	1.6	1.98	32.1	0.006	3	57.1	< 0.1	0.41	219	14.2	67
J356084	< 0.1	1810	10.5	1.2	0.13	8.42	0.95	11.3	0.2	< 0.1	54.7	2.31	0.7	1.60	20.4	0.004	< 1	94.8	< 0.1	0.18	171	14.0	47
J356085	< 0.1	1600	12.7	1.0	0.16	6.87	0.74	13.1	0.1	< 0.1	41.1	1.95	1.3	1.16	31.3	0.005	1	97.1	< 0.1	0.26	199	13.1	56
J356086	< 0.1	1260	7.6	1.2	0.12	4.68	0.70	14.7	0.2	< 0.1	41.0	1.88	0.7	0.40	43.3	0.004	1	107	< 0.1	0.36	205	13.3	66
J356087	< 0.1	1340	7.3	1.3	0.17	5.53	0.82	15.4	0.2	< 0.1	45.6	1.94	0.3	0.40	41.7	0.006	1	127	< 0.1	0.52	162	13.8	51
J356088	< 0.1	1540	17.8	0.9	0.15	5.74	0.58	15.3	0.1	< 0.1	36.4	1.78	2.2	1.22	36.9	0.005	1	75.9	0.1	1.59	237	11.3	59
J356089	0.2	1340	7.5	1.1	0.12	5.76	0.67	15.6	0.1	< 0.1	46.8	1.78	1.5	0.73	52.3	0.005	1	74.1	< 0.1	0.58	283	13.5	67
J356090	< 0.1	1080	11.6	0.6	0.19	3.96	0.56	7.2	< 0.1	< 0.1	18.3	0.84	2.6	1.33	25.8	0.005	1	48.2	0.2	0.42	76	9.1	51
J356101	0.1	1770	3.2	0.8	0.08	8.31	1.01	14.6	0.1	< 0.1	46.3	2.35	0.2	0.22	35.8	0.005	< 1	155	< 0.1	0.28	170	15.6	41

Analyte Symbol	La	K	Ce	Pr	Nd	Sm	Gd	Dy	Tb	Ho	Er	Tm	Yb	Lu
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
J356058	5.5	0.05	11.9	1.5	6.2	1.2	1.1	1.1	0.2	0.2	0.7	0.1	0.8	0.1
J356059	3.2	< 0.01	6.2	0.7	3.1	0.5	0.8	0.8	0.1	0.2	0.5	< 0.1	0.4	< 0.1
J356060														
J356061	3.3	< 0.01	6.5	0.7	2.9	0.3	0.5	0.5	< 0.1	0.1	0.4	< 0.1	0.3	< 0.1
J356062	2.1	< 0.01	4.1	0.5	1.9	0.3	0.4	0.4	< 0.1	< 0.1	0.3	< 0.1	0.3	< 0.1
J356063	1.7	< 0.01	3.4	0.4	1.5	0.4	0.3	0.4	< 0.1	< 0.1	0.2	< 0.1	0.3	< 0.1
J356064	3.1	< 0.01	6.4	0.8	3.3	0.5	0.6	0.6	0.1	0.1	0.4	< 0.1	0.3	< 0.1
J356065	1.4	< 0.01	2.9	0.4	1.5	0.3	0.4	0.4	< 0.1	< 0.1	0.3	< 0.1	0.2	< 0.1
J356066	2.6	< 0.01	5.8	0.8	3.1	0.9	1.0	0.9	0.1	0.2	0.6	< 0.1	0.5	< 0.1
J356067	2.0	< 0.01	4.2	0.5	2.0	0.4	0.5	0.5	< 0.1	0.1	0.3	< 0.1	0.3	< 0.1
J356068	2.0	< 0.01	4.2	0.6	2.2	0.5	0.6	0.5	< 0.1	< 0.1	0.3	< 0.1	0.2	< 0.1
J356069	2.1	< 0.01	4.1	0.5	1.9	0.4	0.5	0.5	< 0.1	< 0.1	0.3	< 0.1	0.3	< 0.1
J356070	1.6	< 0.01	3.2	0.4	1.6	0.4	0.4	0.4	< 0.1	< 0.1	0.2	< 0.1	0.3	< 0.1
J356071	3.3	< 0.01	7.7	1.0	4.3	1.2	1.2	1.4	0.2	0.3	0.9	0.2	1.1	0.2
J356072	6.0	0.89	13.8	1.9	8.7	2.0	2.2	2.7	0.4	0.6	1.9	0.3	1.9	0.3
J356073	1.2	0.53	4.0	0.6	3.1	0.7	0.9	1.2	0.2	0.3	0.9	0.2	1.1	0.2
J356074	9.4	1.15	22.9	3.0	12.0	2.8	2.5	2.7	0.4	0.6	1.9	0.3	1.9	0.3
J356084	5.3	0.58	12.5	1.7	7.3	1.8	2.3	2.5	0.4	0.5	1.6	0.2	1.5	0.2
J356085	7.1	0.95	16.6	2.2	8.7	1.9	2.2	2.2	0.4	0.5	1.5	0.2	1.5	0.3
J356086	7.1	1.33	16.8	2.3	9.2	2.0	2.2	2.5	0.3	0.5	1.7	0.3	1.6	0.3
J356087	10.0	1.21	21.9	2.8	11.4	2.9	2.8	2.5	0.4	0.5	1.6	0.3	1.7	0.2
J356088	5.3	1.08	13.3	1.9	8.1	1.8	2.1	2.2	0.3	0.5	1.5	0.2	1.6	0.2
J356089	6.1	1.65	15.2	2.2	10.0	2.6	2.8	2.6	0.4	0.5	1.6	0.3	1.7	0.3
J356090	6.4	0.75	14.6	1.9	7.2	1.7	1.7	1.7	0.3	0.3	1.0	0.1	0.9	0.1
J356101	5.1	1.12	12.9	1.8	8.0	2.4	2.7	2.6	0.4	0.6	1.7	0.3	1.8	0.3

Analyte Symbol	Au	Ag	Ni	Zn	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Hg	Na	Sb	Sc	Se	Ta	Th	U	W	Mass	Ag
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm
Lower Limit	2	5	20	50	0.5	50	0.5	1	2	1	0.01	1	1	0.01	0.1	0.1	3	0.5	0.2	0.5	1		0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	TD-MS
Oreas 72a (4 Acid) Meas																							
Oreas 72a (4 Acid) Cert																							
Oreas 72a (4 Acid) Meas																							
Oreas 72a (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							42.1
OREAS 98 (4 Acid) Cert																							45.1
OREAS 98 (4 Acid) Meas																							43.9
OREAS 98 (4 Acid) Cert																							45.1
OREAS 13b (4-Acid) Meas																							0.92
OREAS 13b (4-Acid) Cert																							0.86
OREAS 13b (4-Acid) Meas																							0.91
OREAS 13b (4-Acid) Cert																							0.86
OREAS 904 (4 Acid) Meas																							0.56
OREAS 904 (4 Acid) Cert																							0.551
OREAS 905 (INAA) Meas	389			80	34.1	1960		15		9	3.94	7			2.1			< 0.5	14.5	5.4	< 1		
OREAS 905 (INAA) Cert	391			139	36.2	2800		15.3		7.10	4.23	7.26			1.96			1.38	14.7	5.00	3.02		
OREAS 96 (4 Acid) Meas																							11.4
OREAS 96 (4 Acid) Cert																							11.5
OREAS 923 (4 Acid) Meas																							1.79
OREAS 923 (4 Acid) Cert																							1.60
OREAS 923 (4 Acid) Meas																							1.65
OREAS 923 (4 Acid) Cert																							1.60
OREAS 621 (4 Acid) Meas																							61.8
OREAS 621 (4 Acid) Cert																							69.0
OREAS 621 (4 Acid) Meas																							61.9

Analyte Symbol	Au	Ag	Ni	Zn	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Hg	Na	Sb	Sc	Se	Ta	Th	U	W	Mass	Ag
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm
Lower Limit	2	5	20	50	0.5	50	0.5	1	2	1	0.01	1	1	0.01	0.1	0.1	3	0.5	0.2	0.5	1		0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	TD-MS
OREAS 621 (4 Acid) Cert																							69.0
Oreas 77b (4 Acid) Meas																							1.62
Oreas 77b (4 Acid) Cert																							1.62
Oreas 77b (4 Acid) Meas																							1.60
Oreas 77b (4 Acid) Cert																							1.62
J356071 Orig																							0.46
J356071 Dup																							0.44
J356090 Orig																							0.43
J356090 Dup																							0.48
Method Blank	< 2	< 5	< 20	< 50	< 0.5	< 50	< 0.5	< 1	< 2	< 1	< 0.01	< 1	< 1	< 0.01	< 0.1	< 0.1	< 3	< 0.5	< 0.2	< 0.5	< 1	30.0	
Method Blank																							< 0.05
Method Blank																							< 0.05
Method Blank																							< 0.05
Method Blank																							< 0.05

Analyte Symbol	Cu	Cd	Mn	Pb	Ni	Zn	Ba	Be	Bi	Ca	Co	Cs	Eu	Ga	Ge	In	Li	Mg	Nb	Mo	Rb	Re	Se
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.5	0.5	0.5	1	0.1	0.02	0.01	0.1	0.05	0.05	0.1	0.1	0.1	0.5	0.01	0.1	0.05	0.2	0.001	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid) Meas	320				> 5000						153												
Oreas 72a (4 Acid) Cert	316				6930.000						157												
Oreas 72a (4 Acid) Meas	322				> 5000						146												
Oreas 72a (4 Acid) Cert	316				6930.000						157												
OREAS 101b (4 Acid) Meas	464		923	26.6	6.3						50.1		7.92					1.25		20.5			
OREAS 101b (4 Acid) Cert	412		927	23	8.2						45		8.1					1.23		20.1			
OREAS 101b (4 Acid) Meas	438		946	25.4	8.3						47.3		7.77					1.27		21.3			
OREAS 101b (4 Acid) Cert	412		927	23	8.2						45		8.1					1.23		20.1			
OREAS 98 (4 Acid) Meas	> 10000			311		1290			84.2		120												169
OREAS 98 (4 Acid) Cert	148000			345		1360			97.2		121												158
OREAS 98 (4 Acid) Meas	> 10000			320		1260			88.1		118												174
OREAS 98 (4 Acid) Cert	148000			345		1360			97.2		121												158
OREAS 13b (4-Acid) Meas	2340				2160	126					74.0									9.06			
OREAS 13b (4-Acid) Cert	2327.000				2247.000	133					75									9.0			
OREAS 13b (4-Acid) Meas	2230				2110	110					77.1									8.38			
OREAS 13b (4-Acid) Cert	2327.000				2247.000	133					75									9.0			
OREAS 904 (4 Acid) Meas	5760		399	12.5	39.2	18.5	199	8.6	4.19	0.04	81.7	3.57		14.4	0.2	0.2	15.2	0.63		2.05	133		2.3
OREAS 904 (4 Acid) Cert	6120		410	10.6	40.1	26.3	194	7.86	4.05	0.0460	83.0	3.79		16.7	0.180	0.220	16.7	0.556		2.12	130		3.30
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas	> 10000			102		469			26.9		49.2												44.5
OREAS 96 (4 Acid) Cert	39300			101		457			26.3		49.9												40.7
OREAS 923 (4 Acid) Meas	4410	0.4	986	91.0	31.7	354	438	2.4	19.0	0.52	23.9	6.54	1.30	17.0		0.5	31.3	1.81	14.7	1.22	162		6.0
OREAS 923 (4 Acid) Cert	4230	0.420	950	83.0	35.8	345	434	2.42	21.4	0.473	23.1	6.70	1.37	20.3		0.520	31.4	1.69	14.1	0.930	166		6.54
OREAS 923 (4 Acid) Meas	4060	0.4	949	92.0	38.1	338	420	2.3	20.0	0.50	22.9	6.11	1.37	16.1		0.5	30.2	1.85	10.4	1.06	158		5.8
OREAS 923 (4 Acid) Cert	4230	0.420	950	83.0	35.8	345	434	2.42	21.4	0.473	23.1	6.70	1.37	20.3		0.520	31.4	1.69	14.1	0.930	166		6.54
OREAS 621 (4 Acid) Meas	3500	273	459	> 5000	23.0	> 10000		1.4	3.80	1.78	27.0	3.04		21.7		1.6	13.4	0.35	9.2	12.0	71.8		4.5
OREAS 621 (4 Acid) Cert	3630	284	532	13600	26.2	52200		1.69	3.93	1.97	29.3	3.28		24.6		1.83	14.2	0.507	8.61	13.6	84.0		5.64
OREAS 621 (4 Acid) Meas	3550	274	532	> 5000	26.8	> 10000		2.0	4.23	2.03	29.4	3.22		25.7		1.9	14.8	0.51	10.1	14.0	81.4		5.2

Analyte Symbol	Cu	Cd	Mn	Pb	Ni	Zn	Ba	Be	Bi	Ca	Co	Cs	Eu	Ga	Ge	In	Li	Mg	Nb	Mo	Rb	Re	Se
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.5	0.5	0.5	1	0.1	0.02	0.01	0.1	0.05	0.05	0.1	0.1	0.1	0.5	0.01	0.1	0.05	0.2	0.001	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 621 (4 Acid) Cert	3630	284	532	13600	26.2	52200		1.69	3.93	1.97	29.3	3.28		24.6		1.83	14.2	0.507	8.61	13.6	84.0		5.64
Oreas 77b (4 Acid) Meas	3230	1.2	679	61.5	> 5000	208	10	0.5	3.61	2.95	1440	2.18		4.6		0.1	18.0	2.49	3.2		20.2	0.022	
Oreas 77b (4 Acid) Cert	3430	1.20	640	61.0	113000	205	118	0.470	3.44	3.06	1550	2.32		4.61		0.112	18.8	2.59	3.26		19.1	0.0220	
Oreas 77b (4 Acid) Meas	3100	1.2	639	63.1	> 5000	197	17	0.6	3.59	2.99	1400	2.18		4.5		0.1	18.1	2.50	3.2		20.4	0.023	
Oreas 77b (4 Acid) Cert	3430	1.20	640	61.0	113000	205	118	0.470	3.44	3.06	1550	2.32		4.61		0.112	18.8	2.59	3.26		19.1	0.0220	
J356071 Orig	117	< 0.1	2460	15.8	56.1	129	4	0.5	0.19	3.74	37.5	0.28	0.44	10.2	0.1	< 0.1	40.5	2.13	1.6	4.54	0.3	0.006	1.8
J356071 Dup	108	< 0.1	2570	15.8	63.2	132	4	0.5	0.19	3.85	37.5	0.29	0.46	10.7	< 0.1	< 0.1	40.9	2.09	1.7	4.29	0.3	0.006	1.8
J356090 Orig	122	< 0.1	1040	11.1	52.1	51.1	138	0.6	0.18	3.89	23.7	0.87	0.53	6.9	< 0.1	< 0.1	17.6	0.80	2.4	1.22	24.8	0.004	1.3
J356090 Dup	148	0.2	1110	12.1	60.3	62.7	152	0.7	0.19	4.03	25.4	0.95	0.60	7.5	< 0.1	< 0.1	18.9	0.87	2.7	1.44	26.9	0.005	1.7
Method Blank																							
Method Blank	0.2	< 0.1	17	< 0.5	< 0.5	1.2	< 1	0.3	0.04	< 0.01	< 0.1	< 0.05	< 0.05	0.2	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	0.11	< 0.2	0.002	0.5
Method Blank	0.4	< 0.1	12	< 0.5	0.7	1.2	< 1	< 0.1	0.04	< 0.01	< 0.1	< 0.05	< 0.05	0.2	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	0.08	< 0.2	0.002	0.4
Method Blank	1.4	< 0.1	12	< 0.5	< 0.5	2.2	< 1	0.1	0.04	< 0.01	< 0.1	< 0.05	< 0.05	0.2	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	0.14	< 0.2	0.001	0.5
Method Blank	0.9	< 0.1	10	< 0.5	< 0.5	0.9	< 1	< 0.1	0.03	< 0.01	< 0.1	< 0.05	< 0.05	0.2	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	0.10	< 0.2	< 0.001	< 0.1

Analyte Symbol	Sn	Sr	Ta	Te	Th	Tl	U	V	Y	Zr	La	K	Ce	Pr	Nd	Sm	Gd	Dy	Tb	Ho	Er	Tm	Yb
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.2	0.1	0.1	0.1	0.05	0.1	1	0.1	1	0.1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid) Meas																							
Oreas 72a (4 Acid) Cert																							
Oreas 72a (4 Acid) Meas																							
Oreas 72a (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas					42.1		357	84	135		718	2.48	1300	117	367	58.9	42.2	28.2	4.9	5.7	16.3	2.4	14.4
OREAS 101b (4 Acid) Cert					36.4		387	77	133		754	2.36	1325	127	388	48	40	27	5.4	5.2	15	2.08	13.9
OREAS 101b (4 Acid) Meas					39.3		334	78	129		695	2.53	1250	116	353	46.6	39.4	27.8	4.4	5.6	15.3	2.2	13.7
OREAS 101b (4 Acid) Cert					36.4		387	77	133		754	2.36	1325	127	388	48	40	27	5.4	5.2	15	2.08	13.9
OREAS 98 (4 Acid) Meas	191																						
OREAS 98 (4 Acid) Cert	206																						
OREAS 98 (4 Acid) Meas	> 200																						
OREAS 98 (4 Acid) Cert	206																						
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 Acid) Meas	3	27.0	0.4		16.0	0.52	9.1	76	32.0	153	41.7	3.68	80.8						0.9				3.2
OREAS 904 (4 Acid) Cert	2.83	27.2	0.540		14.3	0.520	8.43	76.0	31.5	171	43.2	3.31	86.0						1.00				3.14
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas	67																						
OREAS 96 (4 Acid) Cert	65.6																						
OREAS 923 (4 Acid) Meas	14	44.1	1.4		18.6	0.82	3.4	93	26.5	118	40.9	2.78	78.1	9.5	35.2	6.8	6.0	5.0	0.8	1.0	2.8	0.4	2.6
OREAS 923 (4 Acid) Cert	13.3	43.0	1.11		16.5	0.860	3.06	91.0	26.4	116	42.2	2.51	83.0	9.58	35.4	6.64	5.73	5.05	0.850	0.960	2.86	0.410	2.57
OREAS 923 (4 Acid) Meas	14	42.7	0.6		18.4	0.83	3.3	92	26.4	122	41.9	2.59	79.1	9.3	35.2	6.4	6.0	5.3	0.8	1.0	2.9	0.4	2.7
OREAS 923 (4 Acid) Cert	13.3	43.0	1.11		16.5	0.860	3.06	91.0	26.4	116	42.2	2.51	83.0	9.58	35.4	6.64	5.73	5.05	0.850	0.960	2.86	0.410	2.57
OREAS 621 (4 Acid) Meas	5	65.4			5.0	1.96	2.8	30	11.0	156	15.3	1.63	43.3						0.5				1.0
OREAS 621 (4 Acid) Cert	5.25	91.0			7.48	1.96	2.83	31.8	11.1	168	21.6	2.20	46.6						0.460				0.990
OREAS 621 (4 Acid) Meas	5	66.8			4.9	2.39	2.9	36	10.7	134	17.6	2.02	43.5						0.4				0.9

Analyte Symbol	Sn	Sr	Ta	Te	Th	Tl	U	V	Y	Zr	La	K	Ce	Pr	Nd	Sm	Gd	Dy	Tb	Ho	Er	Tm	Yb
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.2	0.1	0.1	0.1	0.05	0.1	1	0.1	1	0.1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 621 (4 Acid) Cert	5.25	91.0			7.48	1.96	2.83	31.8	11.1	168	21.6	2.20	46.6						0.460				0.990
Oreas 77b (4 Acid) Meas	2	37.8	0.3	1.3	7.2	1.31	1.9	32	7.5	40	15.8	0.34	28.5										
Oreas 77b (4 Acid) Cert	1.59	34.4	0.280	1.35	6.61	1.37	1.71	33.6	6.55	37.9	15.8	0.361	27.7										
Oreas 77b (4 Acid) Meas	2	37.5	0.3	1.3	7.3	1.34	1.9	30	7.4	37	16.0	0.33	28.9										
Oreas 77b (4 Acid) Cert	1.59	34.4	0.280	1.35	6.61	1.37	1.71	33.6	6.55	37.9	15.8	0.361	27.7										
J356071 Orig	1	31.8	< 0.1	0.2	0.4	0.46	0.2	133	8.4	38	3.3	< 0.01	7.8	1.0	4.4	1.1	1.3	1.4	0.2	0.3	0.9	0.2	1.1
J356071 Dup	1	30.7	< 0.1	0.2	0.4	0.44	0.2	138	8.6	39	3.3	< 0.01	7.5	1.0	4.3	1.3	1.2	1.4	0.2	0.3	0.9	0.2	1.1
J356090 Orig	1	44.1	0.2	0.2	1.0	0.39	0.3	72	8.7	49	6.1	0.73	13.8	1.8	6.9	1.5	1.6	1.6	0.2	0.3	0.9	0.1	0.8
J356090 Dup	1	52.2	0.2	0.2	1.1	0.44	0.3	80	9.5	53	6.7	0.77	15.5	1.9	7.5	1.9	1.8	1.7	0.3	0.4	1.0	0.1	0.9
Method Blank																							
Method Blank	< 1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	2	< 0.1	< 1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	3	< 0.1	< 1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	3	< 0.1	< 1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	3	< 0.1	< 1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Lu
Unit Symbol	ppm
Lower Limit	0.1
Method Code	TD-MS
Oreas 72a (4 Acid) Meas	
Oreas 72a (4 Acid) Cert	
Oreas 72a (4 Acid) Meas	
Oreas 72a (4 Acid) Cert	
OREAS 101b (4 Acid) Meas	2.1
OREAS 101b (4 Acid) Cert	1.96
OREAS 101b (4 Acid) Meas	1.9
OREAS 101b (4 Acid) Cert	1.96
OREAS 98 (4 Acid) Meas	
OREAS 98 (4 Acid) Cert	
OREAS 98 (4 Acid) Meas	
OREAS 98 (4 Acid) Cert	
OREAS 13b (4-Acid) Meas	
OREAS 13b (4-Acid) Cert	
OREAS 13b (4-Acid) Meas	
OREAS 13b (4-Acid) Cert	
OREAS 904 (4 Acid) Meas	0.4
OREAS 904 (4 Acid) Cert	0.470
OREAS 905 (INAA) Meas	
OREAS 905 (INAA) Cert	
OREAS 96 (4 Acid) Meas	
OREAS 96 (4 Acid) Cert	
OREAS 923 (4 Acid) Meas	0.4
OREAS 923 (4 Acid) Cert	0.390
OREAS 923 (4 Acid) Meas	0.4
OREAS 923 (4 Acid) Cert	0.390
OREAS 621 (4 Acid) Meas	0.1
OREAS 621 (4 Acid) Cert	0.140
OREAS 621 (4 Acid) Meas	0.1

Analyte Symbol	Lu
Unit Symbol	ppm
Lower Limit	0.1
Method Code	TD-MS
OREAS 621 (4 Acid) Cert	0.140
Oreas 77b (4 Acid) Meas	
Oreas 77b (4 Acid) Cert	
Oreas 77b (4 Acid) Meas	
Oreas 77b (4 Acid) Cert	
J356071 Orig	0.2
J356071 Dup	0.2
J356090 Orig	0.1
J356090 Dup	0.1
Method Blank	
Method Blank	< 0.1
Method Blank	< 0.1
Method Blank	< 0.1
Method Blank	< 0.1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11003-1G**
Report Date: **30-Sep-21**
Date Submitted: **14-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1G-Hg CV	QOP HgFIMS (Hg-Cold Vapour AA)	2021-09-29 11:18:27
UT-5	QOP INAAGEO/QOP Ultratrace- 4acid Digest (INAA/Total Digestion ICPMS)	

REPORT **A21-11003-1G**

Notes:

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

Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

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

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11003-1G**
Report Date: **30-Sep-21**
Date Submitted: **14-Jun-21**
Your Reference: **Platinex**

Platinex Inc.
807 William Roe Blvd
Newmarket ON L3Y 5V6
Canada

ATTN: James R trusler Trusler

CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	

REPORT **A21-11003-1G**

Notes:

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

Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

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

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Hg
Unit Symbol	ppb
Lower Limit	5
Method Code	1G
J356058	74
J356059	176
J356061	476
J356062	108
J356063	573
J356064	73
J356065	205
J356066	108
J356067	53
J356068	29
J356069	47
J356070	31
J356071	98
J356072	28
J356073	26
J356074	51
J356084	39
J356085	31
J356086	38
J356087	58
J356088	140
J356089	100
J356090	114

Analyte Symbol	Hg
Unit Symbol	ppb
Lower Limit	5
Method Code	1G
Oreas 621 (Aqua Regia) Meas	3740
Oreas 621 (Aqua Regia) Cert	3930
OREAS 263 (Aqua Regia) Meas	184
OREAS 263 (Aqua Regia) Cert	170
OREAS 130 (Aqua Regia) Meas	719
OREAS 130 (Aqua Regia) Cert	670
OREAS 153b (Aqua Regia) Meas	69
OREAS 153b (Aqua Regia) Cert	66.0
Oreas 623 (Aqua Regia) Meas	750
Oreas 623 (Aqua Regia) Cert	830
J356064 Orig	73
J356064 Dup	73
Method Blank	< 5
Method Blank	< 5