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**ASSESSMENT REPORT: 2014 DIAMOND DRILLING; PARDO / CLEMENT TOWNSHIPS, ONTARIO**

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August 28, 2015

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## 1. Introduction

During the months June to November, 2014, Mount Logan Resources Ltd., a whole-owned subsidiary of Inventus Mining Corp. (TSX-V: IVS), initiated an exploration program to better understand the stratigraphy, sedimentology and structures of the Huronian Supergroup that is exposed within the Pardo property with an object of gold exploration. A diamond drilling program consisting of 21 holes, with a total of 318 meters was set out to test four zones of interest to help control stratigraphy for a study on gold particle distribution. As well 10 holes for the purpose of exploration were drilled in new areas to test extent of gold mineralization.

Diamond drilling was completed by Summit Drilling Services Ltd., of Val Carron, Ontario, employing a Hydro Core drill rig.

On site drilling supervision and core logging was completed three geologists; Richard Murphy, P. Geo, of Sudbury, Ontario; Wesley Whymark, of Sudbury Ontario and Peter Van Walraven, of Sudbury Ontario. All core was split by Cody Jackson of Sudbury Ontario, All above working under contract to Mount Logan Resources, a wholly owned subsidiary to Inventus Mining Corp. (TSX.V: IVS).

Core is stored at the company's core yard facility in Sudbury Ontario.
All hole location maps and drill sections were prepared and plotted by the author.

## 2. Location, Access and Physiography

The Pardo project is located approximately 65 kilometers northeast of Sudbury, Ontario (Figure 1), in the Sudbury Mining Division, east-central Ontario. The property is primarily located in the center west of Pardo Township. Access to the property is excellent. From Sudbury, the Trans-Canada Highway 17 runs east to the town of Warren, from which paved Highway 539 runs north to the small community of River Valley. From there, paved Highway 539A and all-weather gravel Highway 805 runs north approximately 30 kilometers, crossing the western portion of the claim block. A Network of logging roads run east from Highway 805 providing additional access to the property. Approximately 10% of the claim block is outcrop, with the remainder a mixture of thin soil development through to thick fluvial sand plains and in places boulder till sheets of significant thickness. Vegetation is comprised of, in places, stands of virgin red and white pine, to second growth mixed forests of pine, spruce, and poplar. Infrastructure surrounding the project area is excellent. Water is plentiful, with numerous lakes on the property.


*Figure 1 – Project location*

## 3. Claim Summary of applied work

| Township /Area | Claim Number | Recording Date | No of 16 Ha Units | Recorder Holder | Percent Held |
|---|---|---|---|---|---|
| Pardo | 4202510 | 2006-Sep-12 | 12 | Mount Logan Resources | 100% |
| Pardo | 3009440 | 2004-Oct-29 | 12 | Mount Logan Resources | 100% |
| Pardo | 4202512 | 2006-Sep-07 | 12 | Mount Logan Resources | 100% |
| **TOTAL** | **3 CLAIMS** | | **36 (16ha)** | | |

*Table 1 – Claims descriptions*

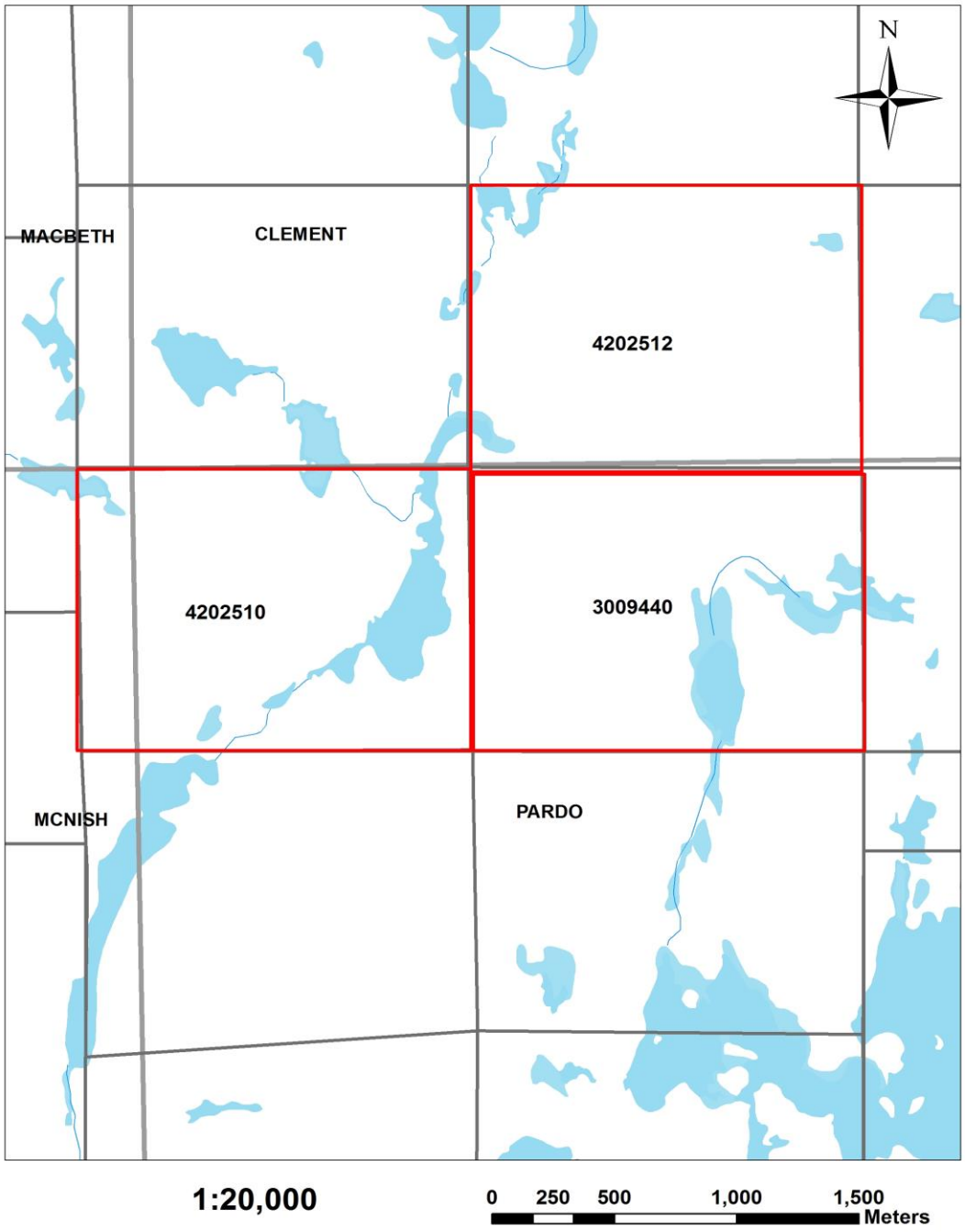


*Figure 2 – Localization of the Claims in the Pardo Township*

## 4. General geological setting

The regional geologic setting is described by Dressler (1979) as follows;

The area is underlain by Precambrian rocks, which are locally covered by Pleistocene and Recent unconsolidated sediments.

Early Precambrian metavolcanics, metasediments, granitic rocks, and mafic intrusive rocks are the oldest in the area. The metavolcanics and metasediments were intruded by granitic rocks, emplaced approximately 2500 m.y. ago (Van Schmus 1965, Fairburn et al 1960). Early Precambrian mafic dykes
also intruded the metasediments and metavolcanics and are believed to be younger than the granitic intrusions.

Middle Precambrian rocks of the Huronian Supergroup unconformably overlie the older rocks. They were deposited between 2150 to 2400 m.y. ago (Van Schmus, 1976), an age bracket which corresponds to the Aphebian of C. H. Stockwell (1964). Rocks of the Mississagi Formation, the Gowganda Formation, and the Lorrain Formation occur in the area. The Mississagi Formation consists of conglomerate, sandstone, greywacke and argillite. The Gowganda Formation is comprised of greywacke, conglomerate, arkosic wacke, and subarkose. The Lorrain Formation is primarily comprised of quartzite, sandstone, and minor silty wacke. Nipissing intrusive rocks (approximately 2150 M.a. old), mostly gabbros, intrude all other older formations. A late Precambrian olivine diabase dyke outcrops in northwestern Janes Township, immediately south of Pardo Township. All of the above lithologies occur north of the Grenville Front Boundary Fault, in the Southern Structural Province of the Canadian Shield.

South of the Grenville Front Boundary Fault, in the Grenville Structural Province, rocks consist of biotite-plagioclase gneiss, biotite-hornblende-plagioclase gneiss, feldspathic gneiss, amphibolite, gabbro, anorthosite, migmatite, olivine diabase, and ultramafic rocks.

## 5. Property Geology

The Pardo property is predominantly underlain by rocks of the Huronian Supergroup, and specifically by conglomerates, sandstones, siltstones and greywackes of the Mississagi Formation up through the Gowganda and Lorrain Formations (Long, 1986; Clark, 1998). The Nippising diabase and/or gabbro occur in northwest and west of the property in Clement, Macbeth, and McNish townships, and in the northeast of property in Vogt Township.

The northern two thirds of the property show a series of roughly north-south trending units of conglomerate and siltstone-sandstone. MacVeigh (1956) concluded the formations form a syncline trending north 20 degrees east and plunging 5 degrees to the southwest. While very few field observations of strikes and dips have been made, those few that have been observed confirm that the sediments do form narrow, north south trending localized basins, perhaps filling paleo scours in the Archean basement. The

overall thickness of the Proterozoic sequence ranges from nil, where Archean greywackes are observed in outcrop on surface, to in excess of 377 meters, as documented by the 1956 diamond drilling completed by Pickle Crow Gold Mines in the area south of Silver Lake.

Where observed on outcrops, the basal conglomerate is generally matrix supported, with a highly variable clast size ranging from a few centimeters to in excess of 1 meter. Sorting in the conglomerate is generally very poor, suggesting the basal conglomerate may have a glacial origin as opposed to a fluvial genesis. Clast lithologies are also highly variable, but in decreasing abundance are quartz, siltstone/shale, chert, metavolcanics, banded iron formation, granite, diorite, and lesser varied rock types.

Gold mineralization defined to date on the property is associated with basal pyrite quartz pebble conglomerate and/or pyrite-bearing polymictic conglomerate of the Mississagi Formation within 30 metres above the uncomformity of Archean basement metasediments.

## 6. Previous Work

The first recorded work in the area is from 1932 (Bruce, 1932) when a small quartz vein was located immediately south of the current property boundary. The vein was stripped and sampled, but yielded very low gold values.

Between 1932 and 1956, there is no recorded work in the area. Between 1956 and 1957, much of the current property was held by Pickle Crow Gold Mines Limited, who were investigating the basal conglomerates for their uranium potential. That company completed two rounds of diamond drilling totaling 16 holes and 7,489 feet. Figure 4 illustrates the location of the Pickle Crow drill holes, as reported by MacVeigh (1956) and Thompson (1960). While the holes were routinely assayed for uranium, yielding only low and uneconomic values, only sporadic gold assays were reported, to a high of 0.055 opt over 10 feet.

From the 1974 to 1996, the area comprising the property was withdrawn from staking, as part of the Bear Island Indian Caution. No exploration activity was allowed or reported during that period, though a limited Cobalt Embayment wide sampling program by the Ontario Geological Survey in 1980 sampled quartz pebble conglomerates located on the south shore of Tee Lake, and returned anomalous gold values to 165 ppb Au.

In 1996, the property was staked by Vancouver based junior Tenajon Resources Corporation. In 1997, the company completed a two phase exploration program on the property, comprised of an initial 1:20,000 reconnaissance scale mapping and sampling program (see Figure 3), followed by a mechanized stripping and channel sampling program on the property. That work resulted in the discovery of two significant gold showings known as the “Northern” and Southern” Occurrences.

At the Northern Occurrence, stripping revealed a thin veneer of basal conglomerate resting unconformably on basement Archean greywackes. The basement rocks trend approximately east-west and are vertical, while the basal conglomerate is flat lying and “pancaked” onto the basement. In several locations, the conglomerate is strongly iron-oxide stained, and carries up to 3-5% fine disseminated pyrite in the matrix.

Grab values to 9.94 gpt gold were returned from the area, while channel samples returned a contiguous 12 metre interval grading 0.966 gpt gold.

At the Southern Occurrence, only the basal conglomerate is exposed, and again, pyritic portions returned grab samples to 2.47 gpt Au, and channel samples to 1.75 gpt Au over 3 metres.

During the same year, Tenajon also completed orientation humus sampling and scintillometer surveys over the North Showing, to determine the applicability of those two exploration techniques to identify additional gold occurrences. The scintillometer survey failed to detect any anomalous radioactivity associated with the gold occurrence. The humus sampling detected several anomalies immediately over the showing area, and 100 metres north and south of the showing, with individual sample tenures to 62 ppb Au.

In 1998, the property was optioned to Triex Resources Inc., who earned a 60% interest in the project by completing $125,000 of exploration work during the 1998-1999 field seasons. That work included completion of a 40 kilometre cut-line grid over the area surrounding the “Northern Occurrence, followed by humus geochemistry and ground magnetic/VLF-EM and pole-dipole Induced Polarization surveys over the grid. Both the humus geochemical survey and the IP survey identified multiple anomalies warranting follow-up.

In July, 1999, Triex completed a program of power stripping and channel sampling over selected targets based on both IP and humus geochemistry responses. Of eight targets identified and sampled during the program, six returned anomalous gold mineralization over substantial widths. The IP survey appeared to have been extremely effective in defining high pyrite content portions of the conglomerate. Best results included an average grade of 451 ppb Au from twelve samples collected over a fifty metre exposure of the conglomerate, with high values to 2.2 gpt Au, and seven metres averaging 1.422 gpt Au, with a high individual metre channel carrying 7.03 gpt Au.

During 2000, Tenajon briefly re-assumed operatorship, and planned to assess the southern portions of the property for PGE potential. That work was never carried out. Due to depressed metal prices, the property was allowed to lapse in 2004, and was acquired by staking by the current property owners.

In July, 2006, Endurance Gold Corporation completed a single 18 metre diamond drill hole on Claim 3011983. The hole was designed to approximately duplicate a 1956 drill hole by Pickle Crow Gold Mines, which was exploring the area for uranium. That hole indicated that the basal conglomerate was in excess of 100 metres thick, and Endurance had planned a 150 metre diamond drill hole to provide a complete stratigraphic cut through the basal conglomerate, with corresponding continuous geochemistry. Unfortunately, due to extremely difficult overburden conditions, the hole failed to reach bedrock, and was abandoned after six days of drilling.

Also in July, 2006, Endurance Gold Corporation completed a 2500 metre mechanical stripping, washing, and channel sampling program at three locations, to evaluate IP anomalies generated as a result of the 1998 Triex work. That program was of a reconnaissance nature, and took place immediately off of the then property boundary. On receipt of results, Endurance staked 8 additional claims to cover the prospective stratigraphy. Results from the July, 2006 program included a channel

sample returning 3.52 gpt Au over 13 metres, with widespread anomalous gold values from the exposed basal conglomerate. In October, 2006, Endurance completed an additional 900 square metre stripping, washing and channel sampling program, as an extension to the July, 2006 program. That work has been filed for assessment (McIvor, 2006).

Also in 2006, Katrine Exploration and Development was contracted to cut a 20.96 line kilometre grid on the property. In late October, Larder geophysics Ltd. completed a detailed ground magnetometer and VLF-EM survey over that grid, and that work was subsequently filed for assessment (Ploeger, 2006).

In April, 2007, Endurance Gold Corporation completed a 17.5 line-kilometre Induced Polarization Survey over portions of the property (McIvor, 2007). That work successfully identified numerous strong I.P. chargeability highs, believed to coincide with significant pyrite concentrations within the basal conglomerate horizon, and with gold mineralization related spatially with the pyrite.

During the period May 15 through June 22, 2007, a 23.0 line-kilometre geological mapping and prospecting program was carried out on portions of the Pardo Property. (Cullen and McIvor, 2008). Mapping consisted of walking cut-grid lines, and noting all outcrop locations and lithologies, as well as relevant sulphide content. Systematic grab sampling was completed on outcrops containing any appreciable sulphide content. A total of 121 samples were collected during the program. The mapping program primarily encountered three basic lithological types. Most prevalent was a poorly sorted, matrix supported basal conglomerate believed to be a member of the Mississagi Formation. This lithology, the host to previously defined gold anomalies on the property, contained variable sulphide content, from nil to in excess of 5% in places. Typically, a higher sulphide content, and increase in the percentage of quartz clasts in the conglomerate, are empirically related to significantly anomalous gold values, and these parameters were noted during mapping. Also encountered during the program were stratigraphically higher sequences of sandstone/quartzite, which typically were unmineralized. The third lithological type encountered during mapping was a siltstone-argillite, believed to be Archean in age and typically located immediately beneath the basal conglomerates. In numerous instances, the stratigraphic relationships between the three units were unclear in the field, due to insufficient vertical outcrop exposure. The overlying sandstone/quartzite unit was often similar in appearance to the underlying siltstone/argillite unit, and differentiating the two was difficult. As such, at many locations on the enclosed map, the two units are described but undifferentiated as to stratigraphic position and age.

For the most part, the encountered sedimentary strata were flat lying to very gently dipping in both east and west directions, suggesting a gently undulating paleotopography.

Of the 121 samples collected during the program, 28 returned significantly anomalous gold values in excess of 100 ppb. Of those 28 samples, 6 returned gold values of between 100 and 500 ppb, and 1 sample returned a value in excess of 1,000 ppb (Sample 343555, with 1,880 ppb Au). Most all the significantly anomalous gold values were from pyritic conglomerate, though one sample of quartzite (Sample 343732) in the Tee Lake area returned a gold assay of 528 ppb Au.

During the period July 15 through August 15, 2007, a 56 hole, 653 metre diamond drilling program was carried out on portions of the Pardo Property. All 56 holes were drilled on Claim 4202512, to test strong Induced Polarization chargeability anomalies in the immediate vicinity of surface channel sample results of 3.52 gpt Au over 13 metres, in the Trench 2 area of the property. All holes were vertical, and designed to drill through the basal conglomerate horizon into Archean basement metasediments. The close spacing of the holes was designed to provide detailed information regarding the distribution of gold mineralization within the conglomerate in the third (vertical) dimension, and allow correlation between surface channel sample results and grade in drill core.

Most all holes drilled in the Trench 2 area encountered variable thicknesses of the targeted pyritic quartz pebble dominant basal conglomerate, before penetrating the underlying Archean metasedimentary stratigraphy (argillites-siltstones). In certain lower lying areas (Holes 15, 43 and 56) the drill holes collared into basement rocks, with no conglomerate horizon present.

During the period May 25 through July 07, 2008, a 41 hole, 979.5 metre diamond drilling program was carried out on portions of the Pardo Property, located 65 kilometres northeast of Sudbury, in Pardo and Clement Townships, Sudbury Mining Division. The holes were drilled on claims numbered 3009440 (Holes 70, 72 through 78, 80 through 83), 4202512 (Holes 11 through 29), 4202513 (Holes 09,10) and 4202514 (Holes 01 through 08), and were designed to test a series of strong IP chargeability anomalies and/or strong surface gold values in the target conglomerate horizon over a large portion of the property, as a follow up to the 2007 diamond drilling program.

In 2009, Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc., carried out a reconnaissance mapping and prospecting program collecting 370 grab samples that contain up to 72.2 gpt Au. This program generally identified the distribution of major rock types exposed in the property, and confirmed that basal pyrite quartz pebble conglomerates of the Mississagi Formation locally contain appreciable gold mineralization. In addition, five 500-pound bulk samples were collected using controlled explosives. These samples were tested at a metallurgical facility, indicating an average head grade of 2.0 gpt and 94% gold could be recovered (Ginguro Exploration Inc. April 11, 2010 press release). The result of this test is positive.

A 51 km grid was also made by Mount Logan in 2009, which was investigated by a ground magnetometer survey. Magnetic highs were noted in the northwestern portion of the surveyed grid, which is interpreted to be resulted from the Nipissing diabase and/or gabbro dykes. However, no magnetic anomalies related to basal conglomerates were picked up. An IP survey on the same grid was carried out, and identified 35 anomalies. Some of these IP targets were drilled by a diamond drilling program during July 29 through August 20, 2009, which consisted of 17 holes totaling 742 meters. Significant gold mineralization intervals were intersected in 14 holes, and a large gold nugget was recovered at the depth of 41.46 meters from borehole PD-09-09. The drilling program led to realizing that some of the IP anomalies reflect structures or diabase dykes.

In 2010 from May 10th to October 7th, Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc., carried out a detailed geological mapping program supported by an extensive reconnaissance geological mapping and prospecting to better understand the stratigraphy, sedimentology and structures of the Huronian Supergroup that exposes within the Pardo property with an objective of definition of drilling targets. The mapping program covered all existing grid lines, and a new 77.33 km grid, to help provide a series of geological maps. A drilling program consisting of 139 diamond drill holes totaling 4772.67 meters was also completed.

In 2011 Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc. carried out a detailed geological mapping program supported by an extensive reconnaissance geological mapping and prospecting to better understand the stratigraphy, sedimentology and structures of the Huronian Supergroup that exposes within the Pardo property with an objective of definition of future drilling targets. During the same time a drilling program of 24 diamond drill holes totaling 4918.92m, was on going to help accompany the mapping. Late November the first silver lake showing was discovered using a scintilometer. This discovery initiated a diamond drill hole on the west side of silver lake (PD-11-24).

In April 2012 Mount Logan Resources made an agreement with Endurance Gold were the claims (4201291, 4201292, 4202511, 4202512, 4202513, 4211782, 1234841, 1234842, 3009440, 3009441, 3011982, 3011983, 3011984, 3011999, 4202510, and 4202514) now are 100% Mount Logan.

Between the months of May to November 2012, Mount Logan began a surface sampling program using a RS-230 BGO Super-SPEC Handheld Gamma-Ray Spectrometer which helped discover what's known as the silver lake zone. A total of 226 grab samples from the Pardo Project were collected.

During the spring of 2012 Weatherford International was contracted to survey a selection of diamond drill holes utilizing particular geophysical techniques to determine various geological parameters. This examination was carried out to verify the presence of cross bedded strata, the nature of uraniferous locations, and the lithological correlation between diamond drill hole intersections. The diamond drill holes selected for such geophysical investigations were: PD10-01, PD10-08, PD10-09, PD11-04, PD11-06 and PD11-10.

On September 5$^{th}$ 2012 a diamond drilling campaign began which was completed on October 31 2012. A total of 67 diamond drill holes totaling 1507.32m was carried out over three key area; the mid-fan zone, the western reef zone, as well the expansion of the trench 2 area.

After the drill program was complete, the stripping and trenching of the silver lake zone began. A total of 21 channel samples were collected and had very positive results which concluded the 2012 season.

During the months of January – May 2013 an analytical and selected detailed logging program of 2007-2010 drill core occurred in Sudbury at Mount Logan's core shack. A total of 236 samples were collected from previously logged 2007-2010 core.

As well 59 drill holes were logged in detailed by Peter Van Walraven of Sudbury Ontario, under the supervision of Dr. Lawrence Minter of Cape Town South Africa. Detailed logging of the lower 20 meter portions of the Mississagi formation was completed to accompany the start of basin analysis.

Later in May 2013 – October 2013, prospecting and detailed mapping began in the southern portion of the Pardo Project, which then lead to the historic discovery's of Eastern Reef and the "007" zone. A total of 728 samples were collected in the form of channel samples using a diamond saw.

## 7. 2014 Diamond Drilling Program Methodology

On June 15th 2014, Mount Logan Resources completed a 318 meter diamond drilling program to test its discovery zones (007, Eastern Reef), as well other areas, were tested to understand thickness and stratigraphy of the Mississagi sediments. The first 11 holes were designed to help understand each zones thickness which also helped with the gold study on gold particle distribution. The other 10 holes were used for exploration and to test the underlying stratigraphy from where strong surface gold values were obtained. A total of 789 samples were collected for the 318m drilled.

The diamond drilling was completed by Summit Drilling services of Val Carron, Ontario, employing a custom hydro core drill rig. Pads and drill access trails were cleared in advance by Summit Drilling, using a bull dozer. Core size was BQTK. Core recoveries were 100%, with the target conglomerate horizon a hard and competent unit. During drilling, recovered core was placed in core boxes, tagged and sealed via wire or rubber strap, and delivered to the Mount Logan core logging area at the end of each shift. All drill core is stored at Inventus Mining Corp. warehouse facilities in Sudbury.

| HoleID | Easting | Northing | CLAIM # | TOWNSHIP | Dip | Azimuth | Length (m) | Total samples taken |
|---|---|---|---|---|---|---|---|---|
| PD-14-01 | 556182 | 5182970 | 3009440 | Pardo | -90 | 0 | 4.5 | 10 |
| PD-14-02 | 556178 | 5182994 | 3009440 | Pardo | -90 | 0 | 7.5 | 12 |
| PD-14-03 | 556166 | 5182977 | 3009440 | Pardo | -90 | 0 | 6.3 | 10 |
| PD-14-04 | 556184 | 5182956 | 3009440 | Pardo | -90 | 0 | 5.2 | 13 |
| PD-14-05 | 556195 | 5182877 | 3009440 | Pardo | -90 | 0 | 14.36 | 34 |
| PD-14-06 | 556579 | 5183317 | 4202512 | Clement | -90 | 0 | 13.5 | 41 |
| PD-14-07 | 556582 | 5183331 | 4202512 | Clement | -90 | 0 | 13.5 | 40 |
| PD-14-08 | 556593 | 5183351 | 4202512 | Clement | -90 | 0 | 13.5 | 37 |
| PD-14-09 | 556602 | 5183386 | 4202512 | Clement | -90 | 0 | 9.14 | 30 |
| PD-14-10 | 556563 | 5183398 | 4202512 | Clement | -90 | 0 | 13.5 | 35 |
| PD-14-11 | 556571 | 5183437 | 4202512 | Clement | -90 | 0 | 12.2 | 34 |
| PD-14-12 | 555354 | 5182066 | 4202510 | Pardo | -90 | 0 | 17.54 | 37 |
| PD-14-13 | 555357 | 5182083 | 4202510 | Pardo | -90 | 0 | 12 | 30 |
| PD-14-14 | 555544 | 5181957 | 3009440 | Pardo | -90 | 0 | 7.5 | 3 |
| PD-14-15 | 555536 | 5181963 | 3009440 | Pardo | -90 | 0 | 9 | 21 |
| PD-14-16 | 556140 | 5183513 | 4202512 | Clement | -90 | 0 | 20.82 | 65 |
| PD-14-17 | 556193 | 5183642 | 4202512 | Clement | -90 | 0 | 15 | 36 |
| PD-14-18 | 556071 | 5183024 | 3009440 | Pardo | -90 | 0 | 8.78 | 11 |
| PD-14-19 | 556412 | 5182688 | 3009440 | Pardo | -90 | 0 | 24 | N/A |
| PD-14-20 | 556518 | 5182778 | 3009440 | Pardo | -90 | 0 | 43.85 | 129 |
| PD-14-21 | 556474 | 5182534 | 3009440 | Pardo | -90 | 0 | 46.4 | 159 |
| | | | | | | **TOTAL** | **318.09m** | **Total 789** |

Table 2 – Drill Hole Summary

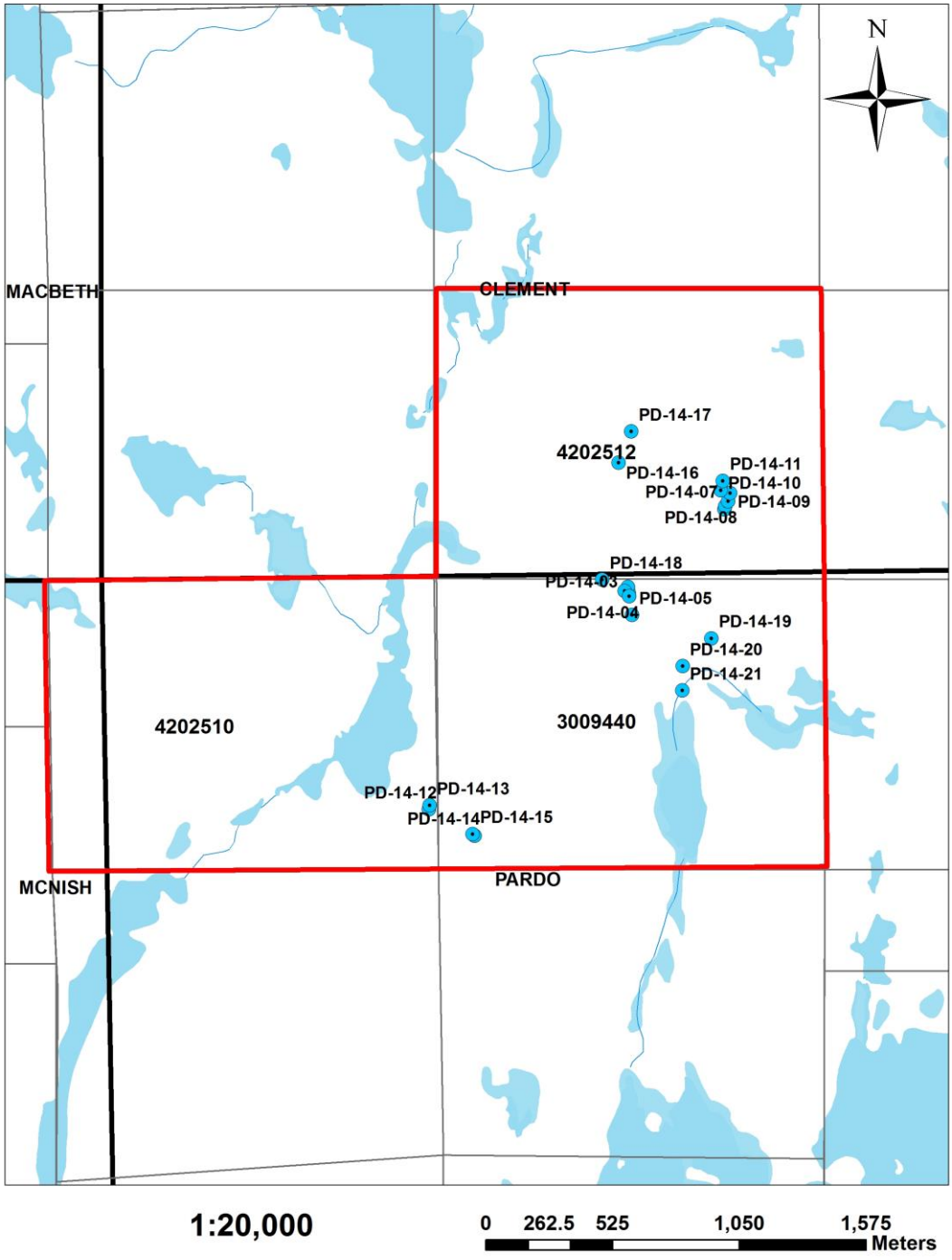


*Figure 3 – Drill holes 1:20000*

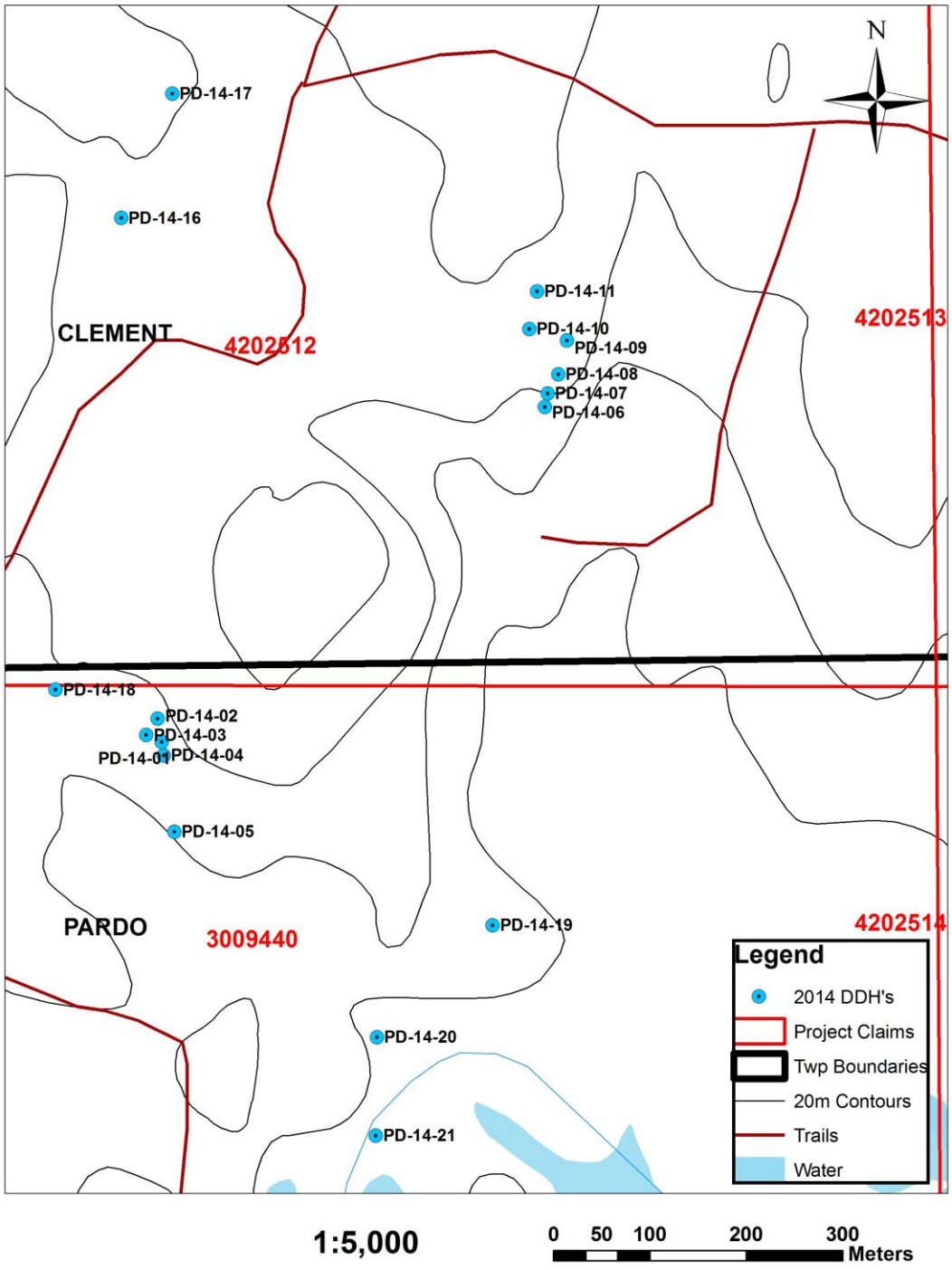


*Figure 4 – Drill Holes 1:5000*

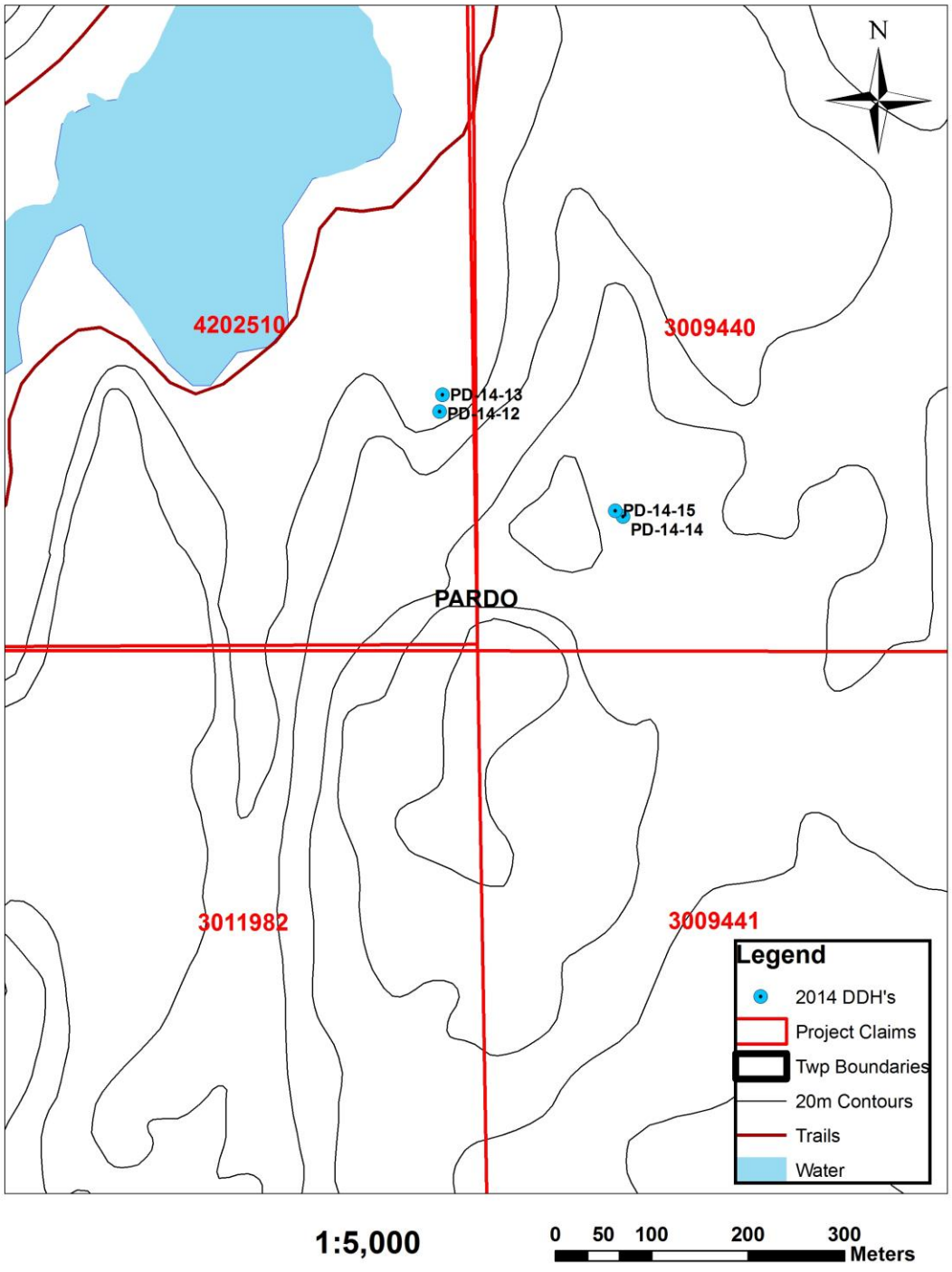


*Figure 5 – Drill Holes 1:5000*

## 8. Costs Statement

The total costs of $100,567.85 incurred on the claims. The costs are broken down in the table below.

| Type of expense | Cost per unit | Total cost |
|---|---|---|
| Drilling | 318m @ $145.00 per/m | $46244.85 |
| Analytical | 789 @ $57.00 per sample | $44973.00 |
| Supervision / core logging | 32 days @ $250.00 | $8000.00 |
| Cutting and sampling | 9 days @ $150.00 | $1350.00 |

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Van Schmus, W.R. 1965: The Geochronology of the Blind River-Bruce Mines Area, Ontario, Canada; Journal of Geology, Volume 73, Number 5, p. 755-780.

## 10. Certificate of Author

1) I am currently hired as Mining/Geological Technician for Inventus Mining Corp.

2) I graduated from Cambrian College with a Diploma in Mining/Geological Engineering Technology.

3) I have worked for Mount Logan Resources Ltd. Since 2009.

4) I am not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.

5) I am not independent of Inventus Mining Corp., applying all tests in section 1.5 of NI43-101. I am under contract as Mining/Geological technician to the company.

6) As of the date of this certificate, and to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information related to the program here-in described.

Dated

Signed:

Winston Whymark

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## 12. Appendices

A1) 2014 drill logs

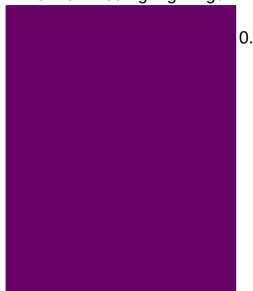
A2) AGAT Labs assay certificates

A3) Sections of holes 1-21

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-01 | 556182 | 5182970 | | 0 | -90 | 4.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - 007 Zone | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-01 | Diamond (DDH) | 556182 | 5182970 | | No | -90 | 0 | BQ - 40.7mm | 4.50 | | | Peter van Walraven | 07/01/2014 | Peter van Walraven | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Textures | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Py type | Pyrite/sulphide Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | | | | | | | | 0.00 | 2.64 | 59 | Conglomerate C-type | Cobble - Pebble Coarse/massive | 5-10cm | 19.5cm | <1% | Metsed / metavol / pophyry | Diss / BS / Sec | 2-5% | <1mm - 3-4mm | Sand/Chl | Med | NA | Broken | MI | 1.91m - 4.5cm banded/fractured py clast with qtz; massive texture throughout |
| | | | | | | | | 2.64 | 4.50 | 159 | ABS | ABS | | | | | | | | | | | | | Basement Rock at 2.64m |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-02 | 556178 | 5182994 | | 0 | -90 | 7.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

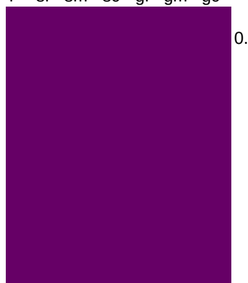
| Drill hole ID | Type - 007 Zone | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-02 | Diamond (DDH) | 556178 | 5182994 | | No | -90 | 0 | BQ - 40.7mm | 7.50 | | | Peter van Walraven | 07/01/2014 | Peter van Walraven | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Py type | Pyrite/sulphide Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 0.00 | 1.66 | 0 | OVB | | | | | | | | | | | | | | |
| | | | | | | | | 1.66 | 1.96 | 90 | sandstone | massive | med/coarse grain | 2-3mm grit | 2% | metased | Diss / sec | Trace | v-fine (<1mm) | sand/chl | med | NA | gradual / broken | MI | Broken Core - was out of order in box, boundaries may not be correct. |
| | | | | | | | | 1.96 | 2.34 | 63 | Conglomerate C-type | massive | pebble | 7cm | 2% | metased / chert | Diss / sec | Trace | v-fine (<1mm) | sand/chl | med-coarse | NA | broken | MI | Broken Core - was out of order in box, boundaries may not be correct. |
| | | | | | | | | 2.34 | 2.91 | 104 | sandstone | massive | coarse | 2.5cm peb | 5-10% | metased | Diss / sec | Trace | v-fine (<1mm) | sand/sil/chl | med | 30 | sharp/scour | MI | Broken Core - was out of order in box, boundaries may not be correct. 2.5 pebble found near base with minor grit and small peb, very siliceous grit |
| | | | | | | | | 2.91 | 4.77 | 80 | sandstone | bedded | med/fine | NA | NA | NA | Diss / bed | 1-2% | fine | sand/chl | fine | NA | gradual / broken | MI | Fine bedded sand normal grading to coarser sand at base. Gradual change in cong below |
| | | | | | | | | 4.77 | 6.00 | 140 | Conglomerate C-type | massive | peb - Boulder | 19.5cm | 1% | metased / porph / mafics | Diss / BS / sec | 2-5% | fine - coarse | sand/chl | med-coarse | NA | broken | MI | Broken core - appears to be Py rich boulder cong layer. |
| | | | | | | | | 6.00 | 7.50 | 89 | ABS | | | | | | | | | | | | | | Basement rock at about 6m as contact is broken. |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-03 | 556166 | 5182977 | | 0 | -90 | 6.3 | Drilled |

**Project: Ginguro Exploration - Pardo project**

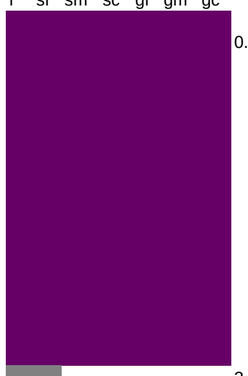
| Drill hole ID | Type - 007 Zone | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-03 | Diamond (DDH) | 556166 | 5182977 | | No | -90 | 0 | BQ - 40.7mm | 4.50 | | | Peter van Walraven | 07/01/2014 | Peter van Walraven | | | |

| graphic | | Depth | | | Lithology code | | Particle/clast size | | Clast composition | | | Pyrite/sulphide | | Matrix | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | | From | To | Recovery | Rock Type | Texture | Ave | Max | Qtz% | Type 2 | Py type | Py % | Py Size | Type | Size | Dips | Type | | |
|  | | 0.00 | 3.42 | 49 | Conglomerate C-type | peb/cob massive | 2-5cm | 7.5cm | 2-5% | metsed / chert metavol / porphyry | Diss / BS / Sec | 5% | fine- 2-3mm | sand/chl | med | 10 | scour | MI | Likely boulder cong zone of 007, py conc around 0.5m, 1.75m, 2m Broken core |
| | | 3.42 | 6.30 | 82 | ABS | | | | | | | | | | | | | ABS | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-04 | 556184 | 5182956 | | 0 | -90 | 5.2 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - 007 Zone | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-04 | Diamond (DDH) | 556184 | 5182956 | | No | -90 | 0 | BQ - 40.7mm | 5.20 | | | Peter van Walraven | 07/01/2014 | Peter van Walraven | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | | | | | | | | 0.00 | 3.46 | 91 | Conglomerate C-type | peb-boulder massive | 3-6cm | 15cm | 2-5% | metased / metavol / alt mafics | diss / BS / clastic | 5% | fine- 15mm | sand/chl/cal | med | irregular | scour | MI | Py conc into several zones (0.56m - with large banded py/qtz peb, 2.1m, 3m, and 3.2m) |
| | | | | | | | | 3.46 | 5.20 | 93 | ABS | | | | | | | | | | | | | | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-05 | 556195 | 5182877 | | 0 | -90 | 14.36 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - 007 Zone | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-05 | Diamond (DDH) | 556195 | 5182877 | | No | -90 | 0 | BQ - 40.7mm | 14.36 | | | Peter van Walraven | 07/01/2014 | Peter van Walraven | | | | | |
| graphic | f sf sm sc gf gm gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Py type | Pyrite/sulphide Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
| | | 0.00 | 0.77 | 0 | OVB | | | | | | | | | | | | | | Granit, muds and cong pieces in OVB, likely related to MI boulder cong. |
| | | 0.77 | 2.09 | 95 | Conglomerate C-type | peb-cobble / weakly normal grad | 2-5cm | 15 | 5% | Metased / metavol / chert / alt mafics / granit | diss, clast | 1.00 | fine | sand /chl | med | irregular | scour | MI | cobble conglomerate likely related to boulder cong; py conc in clasts>matrix pyrite; reaction rims in metaseds and volcanics; hem alteration and staining present |
| | | 2.09 | 4.33 | 75 | Conglomerate C-type | peb-cobble / massive | 3-6cm | 7 | 2% | Metased / metavol / chert / alt mafics / porphryr | diss, clast | 1.00 | fine | sand /chl | med | 10 | scour | MI | Similar cong to above but no grading (massive); clasts smaller but more sorted; increased hem staining |
| | | 4.33 | 4.47 | 100 | sandstone | coarse / massive | med/coarse | grit | 5% | metased / porphyry | NA | NA | NA | sand | fine-med | 15 | sharp | MI | Possible clast in cong; matrix similar and contacts lowe angled/smooth |
| | | 4.47 | 10.00 | 90 | Conglomerate C-type | peb-cobble / massive | 2-5cm | 12 | 5% | Metased / metavol / chert / alt mafics / porphryr | diss, BS, clast | 2.00 | fine- 17mm clast | sand /chl | med | 65 | scour | MI | Like above cong unit; Py conc - 9.50 to 9.70; hem staining increases |
| | | 10.00 | 14.36 | 83 | ABS | | | | | | | | | | | | | | Basement rock at 14.36m depth |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-06 | 556579 | 5183317 | 307 | 0 | -90 | 13.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - south | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-06 | Diamond (DDH) | 556579 | 5183317 | 307 | No | -90 | 0 | BQ - 40.7mm | 13.50 | 06/26/2014 | 06/26/2014 | Peter van Walraven | 07/02/2014 | Peter van Walraven | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 0.00 | 0.35 | 100 | Sandstone | Med-coarse massive | med | grit | 5% | NA | No py - Po, diss | 2-5% | med | sand/chl | fine | 15 | sharp | MI | possible clast in Boulder conglomerate below |
| | | | | | | | | 0.35 | 6.38 | 101 | Conglomerate C-type | peb-boulder, minor grading | 2-5cm | 15cm | 2-5% | metased / metavol / chert / pophyry / alt mafics | Py - diss, BS, clast Po - secondary | 2% | fine - v coarse (23mm cluster) | sand/chl/cal | med-grit | irregular | scour | MI | Large cong unit with possible beds; matrix gradually decreases in sand grain size and cal content (upper portion more gritty). Large clasts found around 3.75m; blue qtz present; Py conc around 0.4-0.5cm; 23mm cluster at 2.75m |
| | | | | | | | | 6.38 | 6.89 | 98 | Sandstone | gritty, graded, bedded | med - grit | 1.4cm | 5% | metased / metavol / chert | Py - diss Po - secondary | 5% | fine - med | sand/chl | fine | 20 | sharp | MA | top of MA sands with increase grain size to small/foine peb with increase PY conc and grain size (BS). Beds defined by grain size change and py, same with contact |
| | | | | | | | | 6.89 | 7.23 | 97 | Conglomerate C-type | peb bedded | fine-med | 3.5cm | 15% | porphyry | Py - diss, BS, clast Po - secondary | 10% | fine- coarse | sand/chl | fine-med | irregular | scour | MA | like above unit but smaller sandstone unit (6-7cm thick) and moderately sharp contact; coarser pebbles and py; increase py conc. |
| | | | | | | | | 7.23 | 7.32 | 100 | Mudstone | v-fine, weakly laminted | fine | 0.2cm | NA | NA | Py - cluster | 2-5% | fine-coarse | chl | v-fine | 25 (irreg) | sharp | MA | Minor mud layer with clustered py at base (4mm concretions) |
| | | | | | | | | 7.32 | 7.48 | 100 | Conglomerate M-type | peb/grit, massive | 0.5-3cm | 3 | 7% | metased / chert | Py - diss | trace | fine | sand/chl | fine-med | NA | gradual | MA | like above conglomerate units but matrix supported and massive |
| | | | | | | | | 7.48 | 7.99 | 100 | Sandstone | v-coarse, grit, weakly bedded | med-grit | 1cm | 5-7% | metased / chert | Py - diss | 1% | fine | sand/chl | fine | 5 | scour | MA | coarse siliceous sandstone unit with gradual change to gritty base. |
| | | | | | | | | 7.99 | 8.51 | 100 | Sandstone | Med-coarse massive | med | 0.5cm | 5-7% | metased / chert | Py - diss | 1% | fine | sand/chl | fine | 10 | sharp | MA | like above but finer and darker with very weak bedding |
| | | | | | | | | 8.51 | 10.71 | 96 | Conglomerate C-type | pebble-grit; massive | 1-2cm | 4.5cm | 10% | metased / chert / BIF-S | Py - diss, BS, clast | 5-7% | fine-0.5cm | sand/chl | fine-med | irregular | fractured? | MA | Typical MA qtz/chl and py formation. Large banded py with qtz, contact unique qith fracture, offsetting the uni with sandy unit below. |
| | | | | | | | | 10.71 | 11.49 | 100 | Sandstone | Med-coarse massive | med | 0.5cm | 5-7% | NA | Py - diss, clustrer | 1% | fine | sand/chl | v-fine | irregular | fractured? | MA | Like above darker sandstone; fracture appears like fine chl and calcite, weak py beds (1mm) at near base |
| | | | | | | | | 11.49 | 12.31 | 100 | Conglomerate C-type | pebble-grit; massive | 1-2cm | 4.5cm | 10% | metased / chert / BIF-S | Py - diss, BS, clast | 10% | fine-0.5cm | sand/chl | fine-med | irregular | scour | MA | Like 8.51 MA cong, smaller clasts and greater conc of PY |
| | | | | | | | | 12.31 | 13.50 | 100 | ABS | | | | | | | | | | | | | | basement contact at 12.31 |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-07 | 556582 | 5183331 | 311 | 0 | -90 | 13.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - south | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-07 | Diamond (DDH) | 556582 | 5183331 | 311 | No | -90 | 0 | BQ - 40.7mm | 13.50 | 06/26/2014 | 06/26/2014 | Peter van Walraven | 07/02/2014 | Peter van Walraven | | | | | |
| | | Depth | | | Lithology code | | Particle/clast size | | | Clast composition | | Pyrite/sulphide | | Matrix | | Bedding/Contacts | | Strat | Comments / Interpretation |
| graphic | f sf sm sc gf gm gc | From | To | Recovery | Rock Type | Texture | Ave | Max | Qtz% | Type 2 | Py type | Py % | Py Size | Type | Size | Dips | Type | | |
| | | 0.00 | 1.53 | 100 | Sandstone | X-bedded | med | coarse | 10% | lithic | Diss, bed | 5% | fine/med | sand/chl/sil | fine | irregular | sharp | MI | MI sands with nicely bedded pyritic (1-2mm beds); bulk of py beds around 0.75-0.95m |
| | | 1.53 | 2.19 | 100 | Conglomerate C-type | peb-boulder; massive | 2-5cm | 17.5cm | 1-2% | Metased / Metavol / chert / mafics / porphyry | Py - diss, BS, clast Po - sec | 5% | fine-17mm | sand/chl | med | NA | gradual | MI | cobble zone, well packed but poor sorting; likely boulder zone; py conc in clasts and BS around 1.9m |
| | | 2.19 | 3.71 | 100 | Conglomerate C-type | peb-cobble massive | 1-3cm | 4.2cm | 2-3% | Metased / Metavol / chert / mafics / porphyry | Py - diss, clast Po - sec, clast | 1% | fine | sand/chl | fine-coarse | NA | gradual | MI | Similar lithology to above but unit contains smaller, more sorted and better packed clasts. Matrix appears more gritty; contact gradual change to coarser material below |
| | | 3.71 | 6.89 | 100 | Conglomerate C-type | peb-boulder; massive | 2-5cm | 29.3cm | 1-2% | Metased / Metavol / chert / mafics / porphyry | Py - diss, BS, clast Po - sec | 1% | | | | 75 | faulted | MI | Similar to upper pebble-boulder cong. But less py; base contact fraulted, chl vein 1-2mm thick offsets unit with basal sands; fault/fracture zone ends at 6.99m |
| | | 6.89 | 8.59 | 79 | Sandstone | weak irreg bedding; normal grad | fine | grit | 2-5% | lithic | Py - diss, sec | 1% | med-coarse | sand | fine | 10 | sharp | MI | Sandstone upper portion filled with Chl fractures; beds appear defformed from fractures; sandstone looks a lot like basement but lacks qtz veins; base normal grads to coarse grit/fine pebbel at contact. |
| | | 8.59 | 8.68 | 100 | Mudstone | weakly laminated | v-fine | fine | NA | NA | Py - sec | 1-2% | fine | sand/chl | v-fine | irregular | sharp | MA | possible clast? But contacts are irregular and bedding inside meds is near parallel to conatcts; py present as conc/clusters; 2mm chl vien cuts through unit |
| | | 8.68 | 10.62 | | Conglomerate C-type | massive | 1-3cm | 5cm | 20% | metased / metavol | Diss, BS, clast | 10-15% | fine-12mm | sand/chl/py | fine-med | 15 | scour | MA | Qtz pebble cong with high py% (conc around 8.7-0.8.85m and again around (9.53-10.03m) |
| | | 10.62 | 11.17 | | Sandstone | weakly bedded | fine | grit | 2-5% | lithic | cluster | 2% | med-coarse | sand | fine | 5 | gradual | MA | Like above sandstone unit in MA but no chl fractures. |
| | | 11.17 | 12.49 | | Conglomerate C-type | massive | 1-3cm | 5cm | 20% | metased / metavol | Diss, BS, clast | 10% | fine-6mm | sand/chl/py | fine-med | irregular | scour | MA | Qtz pebble cong with high py% at base, pulses of normal grading present (but weak) |
| | | 12.49 | 13.50 | | ABS | | | | | | | | | | | | | | Archean basement |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-08 | 556593 | 5183351 | 314 | 0 | -90 | 13.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - south | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-08 | Diamond (DDH) | 556593 | 5183351 | 314 | No | -90 | 0 | BQ - 40.7mm | 13.50 | 06/26/2014 | 06/27/2014 | Peter van Walraven | 07/02/2014 | Peter van Walraven | | | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 0.00 | 5.55 | 96 | Conglomerate C-type | peb-boulder; massive | 2-5cm | 12.2cm | 1-2% | Metased / Metavol / chert / alt mafics / porphyry | Py - diss, clast - sec | Po | 5% | fine-25mm | sand/chl | med | irregular | sharp | MI | cobble zone, well packed but poor sorting; likely boulder zone; py dispersed through out (large 2.5cm clast with qtz at 0.5m); py present largely in Diss/clast clusters |
| | | | | | | | | 5.55 | 5.87 | 100 | Sandstone/ Mudstone | weak irreg bedding; Interbedded | v-fine | coarse grit | 2-5% | lithic | Py and Po - diss, sec | trace | med-coarse | sand | fine | irregular - 10 | sharp | MI/MA? | Mixed unit of irregular laminated muds and coarse sands; contacts are sharp and irregular - possuble mud layers are rip ups or clasts as bedding is iregular but near parallel to contacts. Coarse grit qtz rich compaired to above cong. |
| | | | | | | | | 5.87 | 6.75 | 100 | Sandstone | Norm-graded bedding | fine | coarse | 5% | lithic | Py - diss, sec | 1-2% | fine | sand/chl | fine | 45 | scour | MA | Graded sandstone bed from fine sand up top to coarse sand/grit base. Dark fine sands on top. |
| | | | | | | | | 6.75 | 7.51 | 100 | Sandstone | Norm-graded bedding | fine | coarse | 2-5% | lithic | Py and Po - diss, sec | 1-2% | fine-coarse | sand/chl | v-fine | 5 | sharp | MA | Same as above but lighter coloured fine sands up top. Unit ends in coarse grit with a bed of fine pebbles. |
| | | | | | | | | 7.51 | 8.38 | 100 | Conglomerate C-type | pebble; Weak Norm-graded | 1-3cm | 5cm | 7-10% | Metased / Metavol / chert | cluster | 2% | med-coarse | sand/chl | fine | 10 | scour | MA | Qtz pebble cong with high py% at top (diss in sands) and base (Diss sands and clusters) |
| | | | | | | | | 8.38 | 8.55 | 100 | Sandstone | massive/weak bedding | med | coarse | 5% | lithic | cluster | 2% | fine-8mm | sand/chl | fine-med | NA | gradual | MA | massive sandstone with alt beds of med to coarse graded sands; lots of py clusters (appear secondary); |
| | | | | | | | | 8.55 | 9.94 | 98 | Conglomerate C-type | pebble: massive | 1-3cm | 5cm | 10% | Metased / Metavol / chert | Diss, BS, clast | 5-10% | fine-11mm | sand/chl | med | NA | gradual | MA | Qtz pebble cong with high py%; Base contact defined by py beds and chance in grain size. Py conc at base and top of unit and displays beding. |
| | | | | | | | | 9.94 | 10.24 | 100 | Conglomerate C-type | pebble; massive/weak reverse grad | 0.5-1 | 2cm | 5-7% | Metased / Metavol | Diss, clast | 5% | fine-23mm | sand/chl | med | 15 | scour | MA | Like above but less Py and finer pebles |
| | | | | | | | | 10.24 | 10.39 | 98 | Mudstone | irregular laminations | v-fine | fine | NA | NA | sec | trace | v-fine | mud/chl | v-fine | 25 | sharp | MA | possible cobble? Beds are parallel to contacts however; fracture of chl and cal present |
| | | | | | | | | 10.39 | 10.48 | 100 | Conglomerate C-type | pebble massive | 1-2cm | 3 | 25% | Metased / Metavol | Diss, BS, clast | 15% | fine - 21mm | sand/chl | fine-med | irregular | scour | MA | Qtz pebble cong with high py%; |
| | | | | | | | | 10.48 | 13.50 | 100 | ABS | | | | | | | | | | | | | | Archean Basement |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-09 | 556602 | 5183386 | 316 | 0 | -90 | 9.14 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - south | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-09 | Diamond (DDH) | 556602 | 5183386 | 316 | No | -90 | 0 | BQ - 40.7mm | 9.20 | 06/27/2014 | 06/27/2014 | Peter van Walraven | 07/02/2014 | Peter van Walraven | | | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Py type | Pyrite/sulphide Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 0.00 | 0.15 | 100 | Sandstone | bedded | med | 2cm | NA | mud | diss, bedded | 1-2% | fine | sand/chl/cal | v-fine | 10 | sharp | MI | Minor bedded sandstone unit with mud rip up clasts at basel minor diss py beds. |
| | | | | | | | | 0.15 | 5.67 | 100 | Conglomerate C-type | pebble-cobble massive | 2-5cm | 8cm | 2% | metased/metavol/ chert/porphyry/BIF/ alt mafics | Py - diss, BS, clusterd<br>Po - sec | 2% | fine-5mm | sand/chl/cal | v-fine-coarse | 10 | scour | MI | Boulder conglomerate weakly interbedded with finer pebble zones with gritty matrix. Py conc around 0.45-0.55m. Reaction rims present throughout; contact haed to destinguish but identified by clast and matrix change and increased py and qtz % |
| | | | | | | | | 5.67 | 8.14 | 100 | Conglomerate C-type | pebble; interbedded | 0.5-1.5cm | 2.5cm | 10-12% | metased/metavol/ BIF | Diss, BS, clast | 7-10% | v-fine - 6mm | sand/chl/sil | fine-coarse | 5 | scour | MA | fine pebble/grit qtz py cong; interbedded with coarse sands and matrix supported cong beds, all general contacts; py conc. 5.9-6.1m, 6.4-6.8m, 7.5m-7.67m (BS zone) |
| | | | | | | | | 8.14 | 8.26 | 98 | Mudstone | laminated; interbedded | v-fine | NA | NA | NA | Po - sec | trace | NA | silt/chl | v-fine | 5 | sharp | MA | fine laminated muds; minor interbedded fine sands; Po conc in chl fractures |
| | | | | | | | | 8.26 | 8.93 | 98 | Conglomerate C-type | pebble; massive | 0.5-1.5cm | 4.2cm | 12-15% | metased/metavol/ BIF | Diss, BS, clast | 10-12% | v-fine - 26mm | sand/chl/sil | med-coarse | irregular | sharp | MA | Like above qtz py unit; py conc at top; basal contact irregular and sharp (fractured pre-dep) large elongated PY clast at 8.74m |
| | | | | | | | | 8.93 | 9.14 | 100 | ABS | | | | | | | | | | | | | | Archean basement at 8.93m |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-10 | 556563 | 5183398 | 312 | 0 | -90 | 13.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - Mid | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-10 | Diamond (DDH) | 556563 | 5183398 | 312 | No | -90 | 0 | BQ - 40.7mm | 13.50 | 06/27/2014 | 06/27/2014 | Peter van Walraven | 07/03/2014 | Peter van Walraven | | | |

| graphic | Depth | | | Lithology code | | Particle/clast size | | Clast composition | | | Pyrite/sulphide | | Matrix | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | From | To | Recovery | Rock Type | Texture | Ave | Max | Qtz% | Type 2 | Py type | Py % | Py Size | Type | Size | Dips | Type | | |
| | 0.00 | 0.28 | 100 | Sandstone | X-bedded | med | coarse | NA | NA | Diss | 2% | fine | sand/chl | fine | 15 | sharp | MI | Upper sandstone unit with bedded py within first 5cm. 3mm qtz vien cuts unit at 0.19m; minor offset (2mm) fault |
| | 0.28 | 1.09 | 100 | Conglomerate C-type | massive | 2-5cm | 11.2cm | 1-2% | Metased/vol / chert / porphyry / alt mafics | Py - Clast, BS<br>Po- sec, BS | 2-5% | fine - 16mm | sand/chl | med | 30 | fracture | MI | Boulder conglomeate zone with Po%>Py% (appears to be replacing Py); large sulphide cluster around 0.56-0.63m |
| | 1.09 | 1.21 | 100 | Qtz vein | pegmatic | NA | NA | 100% | NA | NA | NA | NA | NA | NA | 30 | fracture | | Post deposition qtz vien with Chl |
| | 1.21 | 6.21 | 100 | Conglomerate C-type | massive | 2-5cm | 20cm | 1-2% | Metased/vol / chert / porphyry / alt mafics | Py - Clast, BS<br>Po- sec, BS | 1-2% | fine - 16mm | sand/chl | med | 30 | fracture | MI | Same unit as above; less py and po |
| | 6.21 | 7.87 | 98 | Sandstone | Norm-grad; X-bed | med | med-coarse | >25% | lithics | Po - diss | Trace | fine | sand/chl | v-fine | irregular | scour | MI | gradual norm grading from fine sands at top to coarse sands at base; Py diss throughout; week X-beds with 1-2mm mud laminae |
| | 7.87 | 8.22 | 100 | Mudstone | interbedded; laminated | v-fine | fine | NA | NA | Py and Po - vien fill | 1-2% | fine/med | silt/chl/cal | v-fine | 15 | sharp | MA | Minor mud layer with irregulat beds and fine chl viens near parallel to bedding; interbedded with fine sand; Py con to 1mm fracture (secondary) |
| | 8.22 | 8.39 | 100 | Conglomerate M-type | fine pebble interbedded | med sand | 3.5 | 7-10% | metased | Diss | 1% | fine | sand/chl | med | 10 | scour | MA | Sandy fine pebbled bed with high qtz and metased clast%; minor bedding in sands; poor sorting and packing |
| | 8.39 | 8.52 | 100 | Sandstone | interbedded; laminated | v-fine | fine | NA | NA | Py and Po - vien fill | 2% | fine | silt/chl/cal | v-fine | 10 | sharp | MA | Similar to above mudstone but greater % of sand to mud in within interbeds |
| | 8.52 | 9.31 | 100 | Conglomerate C-type | massive | 1-2cm | 8.5cm | 15-17% | Metased/vol / chert | Diss, BS, Clast | 10-12% | fine-4mm | sand/chl | fine-med | 25 | scour | MA | Typical Qtz/Py MA cong; Py conc to upper unit (8.60-9m); base unit much less py and finer clasts (gradual change) |
| | 9.31 | 9.81 | 100 | Sandstone | Norm-grad | coarse | 1cm | 7-10% | metased | Diss, Cluster, Bed | 5-7% | fine-7mm | sand/chl | fine | NA | gradual | MA | Py conc into clusters (concreations?); 3mm fine grained py bed at 9.57m; grades into grit then pebble cong |
| | 9.81 | 10.77 | 100 | Conglomerate C-type | Norm-grad | grit | 5cm | 12-15% | metased | Diss, BS, Clast | 5-7% | fine-5mm | sand/chl | fine-med | irregular | scour | MA | Unit starts as M-type grit/pebble cong; peb becomes dom lithology aroun2 10.20m; Py fairly even distribution; similar to above qtz peb cong |
| | 10.77 | 11.03 | 104 | Sandstone | massive | med | med-coarse | 10-15% | lithics | diss | trace | v-fine | sand/chl | fine | irregular | sharp | MA | Odd contact; appears tro be wither sed clast or change in sand composition (appears to have a clast of ABS); colouration difference poss due to chl vienlets |
| | 11.03 | 11.07 | 100 | Conglomerate C-type | massive | grit | 3.5 | 20-25% | metased | Diss, BS, Clast | 10% | fine-5mm | sand/chl | fine-med | irregular | scour | MA | Like above qtz pebble cong but thin; |
| | 11.07 | 13.50 | | ABS | | | | | | | | | | | | | ABS | Archean Basement with qtz and chl viens and biotite |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-11 | 556571 | 5183437 | | | 0 | -90 | 12.2 Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Eastern Reef - north | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-11 | Diamond (DDH) | 556571 | 5183437 | | No | -90 | 0 | BQ - 40.7mm | 12.20 | 06/27/2014 | 06/27/2014 | Peter van Walraven | 07/03/2014 | Peter van Walraven | | | | | |

| graphic | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | | | | | | | | | | | | | | | | | | |
| | 0.00 | 6.98 | 97 | Conglomerate C-type | Massive; weakly interbedded | 2-5cm | 37cm | 2-3% | Metased/vol / chert / porphyry | diss, BS, clast | 1-2% | fine-14mm | sand/chl | fine-grit | 20 | scour | MI | Boulder-peb cong unit of the MI; py conc around 0.32-0.42m; weakly interbedded with grity/peb layers; gradual (graded) contacts between beds |
| | 6.98 | 7.35 | 103 | Sandstone | Norm grading | fine-med | med | NA | Lithic | diss | Trace | v-fine | sand/chl | v-fine | 10 | scour | MI/MA? | |
| | 7.35 | 7.96 | 70 | Sandstone | Norm grading | fine-med | grit | NA | Lithic | NA | NA | NA | sand/chl | v-fine | NA | gradual | MI/MA? | gradual grad into M-type cong below.; minor interbedded with fine sands/muds |
| | 7.96 | 8.12 | 100 | Conglomerate M-type | massive | 0.5-1cm | 1.5cm | 5-7% | metased | Po - sec | Trace | fine | sand/chl | fine | 5 | scour | MA | fine peb unit weakly parallel bedded |
| | 8.12 | 8.31 | 84 | Sandstone | massive | fine-med | med | NA | Lithic | diss | Trace | v-fine | sand/chl | v-fine | 0 | sharp | MA | like above fine sand - sit direcgtly on top of cong below |
| | 8.31 | 8.76 | 100 | Conglomerate C-type | massive | 1-2cm | 6.5cm | 20-25% | metased/vol | diss, BS, | 10-15% | fine-grit | sand/chl | med | 5 | scour | MA | typical qtz/py peb cong; py conc to core/center of unit |
| | 8.76 | 8.89 | 100 | Sandstone | Norm grading | med | 1.5cm | 15-20% | metased/vol | diss, BS, | 5% | fine-grit | sand/chl | fine-grit | 10 | sharp | MA | coarser grade at towards base; Po present in a few clumps; minor py clusters as well |
| | 8.89 | 9.58 | 100 | Conglomerate C-type | massive | 1-2cm | 3cm | 17-20% | metased/vol | diss, BS, | 5-7% | fine-grit | sand/chl | med | 5 | scour | MA | Minor reverse grading to wards base; py con around 9.18m in clusters (13mm) |
| | 9.58 | 9.86 | 100 | Sandstone | massive | med | 1.5cm | 15-20% | metased/vol | diss, BS, | 2-3% | fine-grit | sand/chl | fine-grit | NA | Broken | MA | Coarse sandstone like above 8.76 unit |
| | 9.86 | 10.06 | 70 | Sandstone | massive | fine-med | med | NA | NA | NA | NA | NA | silt | fine | NA | Broken | MA | heavily sil/alt fine sandstone possibly a clast? |
| | 10.06 | 10.74 | 100 | Conglomerate C-type | massive | 1-2cm | 13.2cm | 20-25% | metased/vol | diss, BS, clast | 10-15% | fine-15mm | sand/chl | med | 25 | scour | MA | Unit capped with large qtz cobble clast; typical qtz/py peb cong; py conc to core/center and base of unit; base contains 15mm py clast |
| | 10.74 | 12.20 | 95 | ABS | | | | | | | | | | | | | ABS | Archean basement |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-12 | 555354 | 5182066 | | 0 | -90 | 17.54 | Drilling |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Western Reef Ext | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-12 | Diamond (DDH) | 555354 | 5182066 | | No | -90 | 0 | BQ - 40.7mm | 17.54 | | | Peter van Walraven | 07/03/2014 | Peter van Walraven | | | |

| graphic | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | | | | | | | | | | | | | | | | | | |
| | 0.00 | 0.46 | 100 | Conglomerate C-type | Boulder-massive | 2-3cm | 38cm | 1-2% | Metased/vol; | diss, clast | 5% | fine-18mm | sand/chl | med | irregular | scour | MI | Boulder cong; top boulder looks like sand; but foliation if present in clast as well as matrix difference; large py nug ar base; diss py weakly banded/bedded |
| | 0.46 | 0.88 | 93 | Sandstone | interbedded / massive | med | 1.2cm | NA | Metased/vol; | diss, BS, clast | 2-3% | fine- 4mm | sand/chl | fine-med | fractured/5 | scour | MI | interbedded, irregular fine pebble/grit layer near top (2-3cm thick); with 5-7% py (only location of BS Py in unit) |
| | 0.88 | 1.00 | 75 | Siltstone | laminated | coarse silt | coarse | NA | NA | NA | NA | NA | silt/chl | v-fine | fractured | sharp | MI | broken minor unit of coarse silt; |
| | 1.00 | 1.13 | 100 | Sandstone | massive | med | med | NA | NA | diss | trace | fine | sand/chl | fine-med | 10 | scour | MI | Like above med grade sandstone |
| | 1.13 | 1.22 | 100 | Siltstone | laminated / interbedded | coarse silt | coarse | NA | NA | NA | NA | NA | silt/chl | v-fine | fractured | sharp | MI | Like above laminated siltstone; interbedded with fine/med sands |
| | 1.22 | 1.47 | 132 | Sandstone | Norm grade | fine-med | med | NA | NA | NA | NA | NA | sand/chl | fine | NA | Gradual | MI | |
| | 1.47 | 3.40 | 99 | Sandstone | Norm grade | med | v-coarse | NA | NA | diss | 1-2% | fine/med | sand/chl | med | NA | Gradual | MI | Minor isolated pebbles in float |
| | 3.40 | 5.31 | 91 | Grit | Norm grade | v-coarse | 2.5cm | 5-7% | Metased/vol; chert | Po and Py - diss, clast, sec | 2-3% | fine/med | sand/chl | med/coarse | NA | Gradual | MI | fairly angular clasts; mod sorted and well packed; Po>py |
| | 5.31 | 11.24 | 99 | Conglomerate C-type | peb-boubler massive / interbedded | 2-4cm | 37cm | 2-3% | Metased/vol; chert; porphyry; alt mafics | Po and Py - diss, clast, sec | 2-3% | fine/med | sand/chl | med/coarse | 5 | scour | MI | Large 37cm boulder of basement @ 5.75mPy and po evenly distributed; interbedded finer pebble/grit layers with weak gradual contacts; |
| | 11.24 | 12.23 | 97 | Conglomerate M-type | massive / interbedded | 1-3cm | 8.5cm | 1% | Metased/vol; porphyry | Po and Py - diss sec | trace | fine | sand | med | 05-Oct | scour? | RL? | Appears to be RL diamictite? Clasts more angular and matrix is massive fine/med sands interbedded woith angular pebble beds; matric very weak in chl |
| | 12.23 | 17.54 | 87 | Sandstone | massive / bedded | med | med | NA | NA | Po and Py - sec | trace | fine-med | sand/chl/cal | fine | NA | broken | MK? | fine sand but moderately fractured with chl; also minor calc altreration @ 15.5m. Weak bedding visible in select areas |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-13 | 555357 | 5182083 | | 0 | -90 | 12 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Western Reef Ext | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-13 | Diamond (DDH) | 555357 | 5182083 | | No | -90 | 0 | BQ - 40.7mm | 12.00 | | | Peter van Walraven | 07/04/2014 | Peter van Walraven | | | | | |

| graphic | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | | | | | | | | | | | | | | | | | | |
| | 0.00 | 0.46 | 100 | Conglomerate C-type | peb-cob massive | 1-4cm | 10 | 1% | Metased/vol; chert; BIF | Clast, diss | 2-3% | fine-23mm | sand/chl | fine-med | 15 | scour | MI | two large py/qtz clasts (30-25mm) with det(diss) py in matrix; well packed |
| | 0.46 | 0.63 | 100 | Sandstone | norm graded | med | coarse | 10% | qtz | Diss | trace | v-fine | sand/chl | fine | 20 | scour | MI | base = v-coarse sandstone |
| | 0.63 | 3.30 | 86 | Conglomerate M-type | peb; massive | grit | 4.5cm | 3-5% | Metased/vol; chert | Diss/clast | trace | fine | sand/chl/sil | med | irregular/60 | scour | MI | large sandy cong with angular to rounded clasts; |
| | 3.30 | 3.50 | 100 | Sandstone | massive | fine | fine | NA | NA | NA | NA | NA | sand/chl | v-fine | 35 | sharp | MI | Unit possible clast? Irregular bedding (but still generally parallel to base contact) between fine and med sands with chl fractures |
| | 3.50 | 4.96 | 90 | Sandstone | norm graded | med | 1.4cm | 10% | Metased/vol; chert; qtz | Diss, clast sec | 1-2% | fine-coarse | sand/chl/sil | fine | NA | gradual | MI | Similar to above matric supported cong but finer sand and less isolated pebbles; a few grit/pebble beds; grads into cong below |
| | 4.96 | 10.34 | 95 | Conglomerate C-type | peb-boulder massive | 2-5cm | 28cm | 2-3% | Metased/vol; chert; porphyry; BIF | Po>py - diss, clast | 1-2% | fine-coarse | sand/chl | med | irregular | scour | MI | large cong unit; 28cm boulder located at base; Py dispersed throughout evenly and gen con around clasts; |
| | 10.34 | 10.57 | 100 | Sandstone | massive | med | coarse | 10% | NA | NA | NA | NA | sand/chl/sil | fine | 10 | gradual | MI? | Sand appears similar to above but less chl |
| | 10.57 | 10.61 | 100 | Gritstone | massive | coarse | 1.4cm | 1-2% | metased | Po - sec | 1-2% | med | sand/chl | med | 25 | scour | MI? | minor pebble bed |
| | 10.61 | 11.15 | | Sandstone | massive | med | 2cm | 10% | NA | NA | NA | NA | sand/chl/sil | fine | 10 | gradual | MI? | same sand as above with isolatd peb clasts; |
| | 11.15 | 11.26 | | Conglomerate M-type | massive | 1-6cm | 6cm | 0% | metased/vol | diss | trace | fine | sand/chl/sil | med | irregular | scour | MI? | random clasts conc to base of above sandstone unit; |
| | 11.26 | 12.00 | | Sandstone | massive | fine | fine | NA | NA | NA | NA | NA | sand/chl/sil | v-fine | broken | | MI? | contains v-fine, hairline fractures filled with chl and py |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-14 | 555544 | 5181957 | | 0 | -90 | 7.5 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - 2500cps - WREE | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-14 | Diamond (DDH) | 555544 | 5181957 | | No | -90 | 0 | BQ - 40.7mm | 7.50 | | | Peter van Walraven | 07/05/2014 | Peter van Walraven | | | | | |

| graphic | Depth From | Depth To | Recovery | Lithology code: Rock Type | Lithology code: Texture | Particle/clast size: Ave | Particle/clast size: Max | Clast composition: Qtz% | Clast composition: Type 2 | Pyrite/sulphide: Py type | Pyrite/sulphide: Py % | Pyrite/sulphide: Py Size | Matrix: Type | Matrix: Size | Bedding/Contacts: Dips | Bedding/Contacts: Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | | | | | | | | | | | | | | | | | | |
| | 0.00 | 0.82 | 100 | Conglomerate C-Type | peb-cob; massive | 2-4cm | 9cm | 1% | Metased; alt mafics; BIF; porphyry | Po>Py - sec, dis | 2-3% | fine-coarse | chl/sand | med | 30 | scour | MI | Very chlized; Py distributed througout; fairly well packed; mod sorting |
| | 0.82 | 0.94 | 100 | Siltstone | laminated | fine | fine | NA | NA | po - sec | trace | fine | silt/chl | v-fine | 45 | sharp | MI/PE? | fractured irregular laminations filled with chl; lighter silt fractures present(<1mm); also very chlized |
| | 0.94 | 4.26 | 70 | Conglomerate M-Type | massive | fine sand - cobbel | 12.5cm | 2-5% | Metased/vol; chert/BIF; porphyry | Po and Py - Diss; clast; sec | 1% | fine/med | sand/chl | fine-med | broken | scour | RL | Diamictic; very angular and poorly sorted clasts; large sulphide and BIF clasts present (1.25m, 3cm dia) |
| | 4.26 | 5.03 | 100 | Sandstone | massive | med | med | NA | NA | NA | NA | NA | sand/chl | fine-med | 10 | scour | MK? | basic boring massive sandstone |
| | 5.03 | 5.12 | 100 | Siltstone | laminated | fine | fine | NA | NA | po & py - sec, diss | 1% | fine | silt/chl | v-fine | irregular | sharp | MK? | |
| | 5.12 | 5.19 | 100 | Siltstone | massive | med | med | NA | NA | po - sec | 1% | fine-coarse | sand/chl | fine-med | broken | scour | MK? | |
| | 5.19 | 5.30 | 90 | Sandstone | laminated | fine | fine | NA | NA | NA | NA | NA | silt/chl | v-fine | 10 | sharp | MK? | |
| | 5.30 | 5.92 | 100 | Sandstone | bedded | med | coarse | NA | NA | po & py - diss | trace | fine | sand/chl | fine-med | 20 | scour | MK? | |
| | 5.92 | 6.20 | 100 | Siltstone | laminated | fine | fine | NA | NA | po & py - sec, diss | 1% | fine-coarse | silt/chl | v-fine | 10 | sharp | MK? | |
| | 6.20 | 6.62 | 100 | Sandstone | bedded | med | coarse | NA | NA | diss, cluster | 1% | fine-15mm | sand/chl | fine-med | NA | Gradual | MA? | large py cluster found at 6.31m |
| | 6.62 | 6.89 | 100 | Grit | Normal grad; bedded | coarse sand | 1.2cm | 5-7% | chert/ metased | diss | trace | fine | sand/chl | med | 10 | scour | MA? | High % of blue qtz in unit (Dom qtz in unit) |
| | 6.89 | 6.96 | 100 | Siltstone | laminated | fine | fine | NA | NA | NA | NA | NA | silt/chl | v-fine | 10 | sharp | MA? | |
| | 6.96 | 7.50 | 100 | Sandstone | X-bedded | fine/med | v-coarse | NA | NA | py- diss, bed | 2-3% | fine | sand/chl | med | broken | NA | MA? | X-bedded sandstone woith 1mm thick py lamination within beds; all near base |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-15 | 555536 | 5181963 | | | 0 | -90 | 9 Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - 2500 csp - WREE | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-15 | Diamond (DDH) | 555536 | 5181963 | | No | -90 | 0 | BQ - 40.7mm | 9.00 | | | Peter van Walraven | 07/07/2014 | Peter van Walraven | | | | | |

| graphic | Depth | | | Lithology code | | Particle/clast size | | Clast composition | | Pyrite/sulphide | | Matrix | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | From | To | Recovery | Rock Type | Texture | Ave | Max | Qtz% | Type 2 | Py type | Py % | Py Size | Type | Size | Dips | Type | |
| | 0.00 | 1.05 | 84 | Sandstone | X-bedded | med | coarse | 25% | lithic | diss, bed | 2-5% | fine | sand/chl | fine | 20 | sharp | MI | py beds near top of unit; appears more diss and dispursed below. Very dark qtz rich unit |
| | 1.05 | 1.11 | 100 | Conglomerate C-type | massive | grit | 2 | 1-2% | Metased/vol; porphyry | diss, BS | 5-10% | fine-7mm | sand/chl | fine/med | 40 | scour | MI | Minor peb unit with all angular clasts (including Py) |
| | 1.11 | 1.53 | 100 | Sandstone | massive | fine | med | 25% | lithic | po = sec | trace | fine | sand | fine | 30 | sharp | MI | |
| | 1.53 | 2.50 | 100 | Grit / M-type Cong | massive | grit | 5cm | 5-7% | qtz; BIF; metased | clast; diss; | 1-2% | fine/med | sand/chl/silt | fine-coarse | 45 | scour | MI? | Cong with high and mixed matrix; rounded - angular clasts; gritty diamictite? |
| | 2.50 | 2.60 | 100 | Sandstone | massive | v-fine | fine | NA | lithic | NA | NA | NA | silt | v-fine | irregular (60) | sharp | MI? | |
| | 2.60 | 3.56 | 100 | Sandstone | interbedded | fine | med | NA | lithic | py and po = diss | trace | med | sand/chl | fine/med | 40 | sharp | MI? | sulph conc to top; rest is distributed evenly throughout sand; irregulat interbeds of med and foine grained sand |
| | 3.56 | 4.54 | 100 | Conglomerate C-type | peb-boulder; massive | 2-5cm | 29cm | 2-3% | Metased/vol; porhyry; chert; BIF | Py, Po, Cpy = diss, sec, clast | 2-5% | fine-coarse | sand/chl | med | 10 | scour | MI? | boulder cong - (boulder similar to diamictite from above - more chlized); py conc largely to BIF clasts - also location of cpy; clasts rounded; blue qtz present |
| | 4.54 | 6.60 | 94 | Sandstone | interbedded | med | coarse | 25% | lithic | diss | trace | fine | sand | fine | 40 | scour | MI? | |
| | 6.60 | 7.09 | 100 | Sandstone | norm-grad | fine | med | 25% | lithic | NA | NA | NA | sand | fine | 20 | scour | MI? | |
| | 7.09 | 7.36 | 93 | Sandstone | norm-grad | fine | fine | NA | lithic | NA | NA | NA | silt/chl | v-fine | 5 | sharp | MI? | |
| | 7.36 | 8.16 | 100 | Conglomerate M-type | interbedded | 1-3cm | 5 | 3-5% | Metased/vol; porphyry | diss, clast, cluster | 2-3% | fine-8mm | sand/chl | med | 5 | scour | MI? | fairly matrix rich with beds of clast dom cong; rounded to sub angular; Py cluster near base otherwise no pattern |
| | 8.16 | 9.00 | 100 | Sandstone | norm-grad | fine | fine | NA | lithic | NA | NA | NA | silt/chl | v-fine | broken | NA | MI? | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-16 | 556140 | 5183513 | | 0 | -90 | 20.82 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Red Reef | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-16 | Diamond (DDH) | 556140 | 5183513 | | No | -90 | 0 | BQ - 40.7mm | 20.82 | | | Peter van Walraven | 07/07/2014 | Peter van Walraven | | | |

| graphic | f sf sm sc gf gm gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Py type | Pyrite/sulphide Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.00 | 8.18 | 93 | Conglomerate C-type | peb-cob massive / interbedded | 2-4cm | 13cm | 5% | Metased/vol; chert; porphyry; BIF; alt mafics | diss; sec; cluster; clast; | 2-3% | fine-coarse | sand/chl | med | irregular | scour | MI | large cob-peb unit; py appears clustered; diss grains recrystalized later; large qtz vien peb at base with Mo; interbedded nature is due to slight change in pebble size |
| | | 8.18 | 11.56 | 91 | Sandstone | X-bedded | med/coarse | grit | >25% | qtz/ metased | diss, bedded | 1-2% | fine | sand/chl | fine | broken | sharp | MI | contains isolated peb in float; py conc to bedding plains |
| | | 11.56 | 12.98 | 92 | Conglomerate C-type | peb-cob massive | 1-3cm | 5 | 5-7% | Metased/vol; chert; porphyry; BIF; alt mafics | diss, sec | 1% | fine | sand/chl | med | 0 | scour | MI | similar to above cong bed but finer clasts; with reaction rims like above |
| | | 12.98 | 13.43 | 100 | Sandstone | X-bedded | coarse | grit | >25% | qtz/ metased | diss, bedded | 1% | fine | sand/chl | med | NA | gradual | MI | |
| | | 13.43 | 19.04 | 92 | Conglomerate C-type | peb-cob massive | 2-5cm | 10 | 3-5% | Metased/vol; chert; porphyry; alt mafics | diss, sec | 2-3% | fine-coarse | sand/chl | med | 0 | scour | MI | Similar cong to the two above; lighter matrix colour and appears well packed but poor sorted; minor reverse grading towards base |

| Drill hole ID | Type - Red Reef | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-16 | Diamond (DDH) | 556140 | 5183513 | | No | -90 | 0 | BQ - 40.7mm | 20.82 | | | Peter van Walraven | 07/07/2014 | Peter van Walraven | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | Depth To | Recovery | Lithology code Rock Type | Lithology code Texture | Particle/clast size Ave | Particle/clast size Max | Clast composition Qtz% | Clast composition Type 2 | Pyrite/sulphide Py type | Pyrite/sulphide Py % | Pyrite/sulphide Py Size | Matrix Type | Matrix Size | Bedding/Contacts Dips | Bedding/Contacts Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 19.04 | 20.82 | 100 | ABS | | | | | | | | | | | | | | Appears top be chl rich, fractured fine sandsont: likelv ABS |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-17 | 556193 | 5183642 | | 0 | -90 | 15 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Type - Red Reef - 100m NE | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-17 | Diamond (DDH) | 556193 | 5183642 | | No | -90 | 0 | BQ - 40.7mm | 15.00 | | | Peter van Walraven | 07/07/2014 | Peter van Walraven | | | | | |

| graphic | f sf sm sc gf gm gc | Depth From | To | Recovery | Lithology code Rock Type | Texture | Particle/clast size Ave | Max | Clast composition Qtz% | Type 2 | Pyrite/sulphide Py type | Py % | Py Size | Matrix Type | Size | Bedding/Contacts Dips | Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.00 | 7.97 | 96 | Conglomerate C-type | cob-peb; massive | 3-5cm | 12cm | 2-5% | metased/vol; porphyry; chert | bed, diss, clast, sec | 1-2% | fine-5mm | sand/chl/cal | fine-med | 5 | scour | MI | 2mm thick diss py bed at 1.31m; multiple calc filled voids between clasts; well rounded and mod sorting; reaction rims present |
| | | 7.97 | 9.15 | 86 | Sandstone | massive/weakly bedded | med | 1.5cm | 25% | qtz, metased | bed; diss; sec | 1% | fine | sand/chl | fine | NA | gradual | MI | upper portion of unit coarser with fine, isolated peb; gads into med sndstone with x-beds |
| | | 9.15 | 9.97 | 100 | Conglomerate C-type | peb; massive | 1-2cm | 3cm | 2-3% | metased/vol; porphyry; chert | diss; sec | 1% | fine/med | sand/chl | med | broken | scour | MI | similar to above conglomerate but finer pebbles; less py |
| | | 9.97 | 15.00 | 90 | ABS | | | | | | | | | | | | | ABS | Archean basement seds - fine/med sanstones with high % of chl fractures and qtx viens with py. |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-18 | 556071 | 5183024 | 303 | 0 | -90 | 8.78 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | | (Grain size in mm; = silt <0.0625 mm) | f |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-18 | Diamond (DDH) | 556071 | 5183024 | 303 | no | -90 | 0 | BQ thinwall 40.7mm | 8.78 | Sept 2nd 2014 | Sept 2nd 2014 | Wesley Whymark | Sept. 18th 2014 | Wesley Whymark | | | | Comments / Interpretation | |
| graphic | | Depth | | | Lithology code | | Particle/clast size (mm) | | | Clast composition | | Pyrite/sulphide | | Matrix | | Bedding/Contacts | | Strat | |
| f sf sm sc gf gm gc | | From | To | Recovery | Rock Type | Textures | Ave | Max | Qtz% | Type 2 | Py type | Py % | Py Size | Type | Size | Dips | Type | | |
| | | 0.00 | 0.90 | | A | Massive | 30 | 55 | 1 | porphyry, metased, chert, | secondary | trace | 2 | | | | SS | | |
| | | | | | | | 40 | 80 | 1 | | secondary | | | | | | | | |
| | | 0.90 | 2.68 | | B | Massive | | | | porphyry, metased, chert, | | trace | 2 | | | | SS | MI | |
| | | 2.68 | 3.00 | | B | Massive | | | | | | | | | | | | | |
| | | 3.00 | 3.52 | | B | Massive | 30 | 40 | 1% | porphyry, metased, chert, | secondary | trace | 2 | | | | SS | | |
| | | 3.52 | 8.78 | | ABS | | | | | | | | | | | | | ABS | |

| | | Percentiles | | | | |
|---|---|---|---|---|---|---|
| | | 95 | 84 | 50 | 16 | 5 |
| | Insert Value | 5.8 | 5.5 | 4.9 | 4.2 | 3.7 |
| A1 | Mean pebble size | 4.86667 | | | | |
| | Sorting | 0.64318 | | | | |
| | Packing | Count | | Packing % | | |
| | | 60 | 32 | 53% | | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-19 | 556412 | 5182688 | 286 | 0 | -90 | 24 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | End of hole (m) | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-19 | Diamond (DDH) | 556412 | 5182688 | 286 | no | -90 | 0 | BQ thinwall | | Sept 5th 2014 | Sept 5th 2014 | Wesley Whymark | Sept 7th 2014 | | | | |

| graphic | f | sf | sm | sc | gf | gm | gc | Depth From | Depth To | Recovery | Lithology code Rock Type | Lithology code Textures | Particle/clast size Ave | Particle/clast size Max | Clast composition Qtz% | Clast composition Type 2 | Pyrite/sulphide Py type | Pyrite/sulphide Py % | Pyrite/sulphide Py Size | Matrix Type | Matrix Size | Bedding/Contacts Dips | Bedding/Contacts Type | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 0.00 | 7.50 | | OVB | | | | | | | | | | | | | | |
| | | | | | | | | 7.50 | 24.00 | | Diabase | | | | | | | | | | | | | | |

| | | Percentiles | | | | |
|---|---|---|---|---|---|---|
| | | 95 | 84 | 50 | 16 | 5 |
| A1 | Insert Value | | | | | |
| | Mean pebble size | 0 | | | | |
| | Sorting | 0 | | | | |
| | Packing | Count | | Packing % | | |
| | | 60 | | 0% | | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-20 | 556518 | 5182778 | 291 | 0 | -90 | 43.85 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-20 | Diamond (DDH) | 556518 | 5182778 | 291 | No | 90 | 0 | BQ thinwall | 43.85 | | | Wesley Whymark | Sept. 18th 2014 | | | | |

| Graphic | Depth | | Core Recovery | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f sf sm sc gf gm gc | From | To | | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | | |
| | 0.00 | 0.60 | | B | | | | | 1% | Poly | | trace | | 20 | SS | | |
| | 0.60 | 0.81 | | A | 1 | | | | 1% | Poly | | trace | | 15 | SS | | |
| | 0.81 | 1.14 | | B | | | | | 1% | Poly | | trace | | | | | |
| | 1.14 | 1.36 | | C | | | | | | | | | | | | | |
| | 1.36 | 2.48 | | A | 2 | | | | 1% | Poly | | trace | | | | | |
| | 2.48 | 2.53 | | D | | | | | | | | | | | | | |
| | 2.53 | 2.93 | | B | | | | | 1% | Poly | | trace | | | | | |
| | 2.93 | 5.97 | | A | 3 | | | | 1% | Poly | | trace | | 0 | SS | | |
| | 5.97 | 6.63 | | A | 4 | | | | 1% | Poly | | 1% | | 10 | SS | | |
| | 6.63 | 11.67 | | B | | | | | 1% | Poly | | trace | | 10 | SS | | |
| | 11.67 | 12.14 | | A | 5 | | | | 2% | Poly | | trace | | 10 | SS | | |
| | 12.14 | 12.82 | | B | | | | | 1% | Poly | | trace | | | | | |
| | 12.82 | 14.36 | | A | 6 | | | | 1% | Poly | | trace | | 15 | SS | | |
| | 14.36 | 15.82 | | B | | | | | 1% | Poly | | trace | | | | | |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-20 | Diamond (DDH) | 556518 | 5182778 | 291 | No | 90 | 0 | BQ thinwall | 43.85 | | | Wesley Whymark | Sept. 18th 2014 | | | | |

| Graphic | | | | | | | Depth | | Core Recovery | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | |
| | | | | | | | 15.82 | 17.11 | | A | 7 | | | | 1% | Poly | | trace | | 14 | SS | MI | |
| | | | | | | | 17.11 | 17.33 | | A | 8 | | | | 1% | Poly | | | | 18 | SS | | |
| | | | | | | | 17.33 | 17.64 | | B | | | | | 1% | Poly | | trace | | | | | |
| | | | | | | | 17.64 | 18.02 | | A | 9 | | | | | | | trace | | | SS | | |
| | | | | | | | 18.02 | 18.39 | | D | | | | | | | | trace | | | | | |
| | | | | | | | 18.39 | 19.47 | | B | | | | | 3% | Oli | | trace | | | SS | | |
| | | | | | | | 19.47 | 24.06 | | D | | | | | | | | trace | | | | | |
| | | | | | | | 24.06 | 24.27 | | B | | | | | 4% | Oli | | trace | | | | | |
| | | | | | | | 24.27 | 25.64 | 50 | D | | | | | | | | trace | | | SS | | |
| | | | | | | | 25.64 | 26.13 | | B | | | | | 4% | Oli | | trace | | | SS | | |
| | | | | | | | 26.13 | 29.50 | | D | | | | | | | | 1% | | | | | Pyrite lags @ 28.70 to 28.90m |
| | | | | | | | 29.50 | 30.91 | | B | | | | | 4% | Oli | | trace | | | SS | | |
| | | | | | | | 30.91 | 30.97 | | B | | | | | 3% | | | trace | | | SS | | |
| | | | | | | | 30.97 | 31.07 | | D | | | | | | | | trace | | | | | |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-20 | Diamond (DDH) | 556518 | 5182778 | 291 | No | 90 | 0 | BQ thinwall | 43.85 | | | Wesley Whymark | Sept. 18th 2014 | | | | |

| Graphic | | | | | | | Depth | | Core Recovery | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | | |
| | | | | | | | 31.07 | 31.14 | | B | | | | | 2% | Oli | | trace | | | SS | | |
| | | | | | | | 31.14 | 31.48 | | C | | | | | | | | trace | | | SS | | |
| | | | | | | | 31.48 | 31.82 | | B | | | | | 6% | Oli | | Trace | | | SS | | |
| | | | | | | | 31.82 | 31.90 | | B | | | | | 7% | Oli | | Trace | | | | | |
| | | | | | | | 31.90 | 32.09 | | C | | | | | | | | trace | | | | | |
| | | | | | | | 32.09 | 33.95 | | B | | | | | 6% | Oli | | Trace | | | SS | | |
| | | | | | | | 33.95 | 34.03 | | G | | | | | | | | Nil | | | | | |
| | | | | | | | 34.03 | 34.84 | | A | 10 | | | | 10% | Oli | | trace | | | SS | | |
| | | | | | | | 34.84 | 35.80 | | A | | | | | 15% | Oli | | trace | | | SS | | Large 23cm boulder @35.70m |
| | | | | | | | 35.80 | 35.88 | | C | | | | | | | | trace | | | | | |
| | | | | | | | 35.88 | 36.27 | | B | | | | | | Oli | | trace | | | | | |
| | | | | | | | 36.27 | 37.24 | | A | 11 | | | | 20% | Oli | | trace | | | SS | | |
| | | | | | | | 37.24 | 37.35 | | D | | | | | | | | trace | | | | MA | |
| | | | | | | | 37.35 | 38.55 | | A | 12 | | | | 30% | Oli | Yes | 3% | 1 | | SS | | |
| | | | | | | | 38.55 | 38.70 | | B | | | | | | Oli | | Trace | | | | | |
| | | | | | | | 38.70 | 38.98 | | A | 13 | | | | 25% | Oli | Yes | 4% | 3 | | SS | | |
| | | | | | | | 38.98 | 39.29 | | A | 14 | | | | 25% | Oli | Yes | 8% | 2 | | SS | | |
| | | | | | | | 39.29 | 39.83 | | A | 15 | | | | 25% | Oli | Yes | 4% | 2 | | SS | | |
| | | | | | | | 39.83 | 43.85 | | ABS | | | | | | | | | | | | ABS | |

| | | Percentiles | | | | |
|---|---|---|---|---|---|---|
| | | 95 | 84 | 50 | 16 | 5 |
| A1 | Insert Value | | | | | |
| | Mean pebble size | 0 | | | | |
| | Sorting | 0 | | | | |
| | Packing | Count | | Packing % | | |
| | | 60 | | 0% | | |

| HoleID | Easting | Northing | Elevation | Azimuth | Dip | TotDepth | Status |
|---|---|---|---|---|---|---|---|
| PD-14-21 | 556474 | 5182534 | 288 | 0 | -90 | 46.4 | Drilled |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-21 | Diamond Drill | 556474 | 5182534 | 288 | No | 90 | 0 | BQ thinwall | 46.4 | | | Wesley Whymark | Sept 20 2014 | | | | |

| Graphic | | | | | | | Depth | | Core Recovery | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | |
| | | | | | | | 0.00 | 2.45 | | A | 1 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 2.45 | 2.85 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 2.85 | 4.60 | | A | 2 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 4.60 | 5.68 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 5.68 | 6.64 | | A | 3 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 6.64 | 9.82 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 9.82 | 10.57 | | A | 4 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 10.57 | 11.71 | | A | 5 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 11.71 | 12.20 | | A | 6 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 12.20 | 13.78 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 13.78 | 14.16 | | A | 7 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 14.16 | 14.58 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 14.58 | 15.14 | | A | 8 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 15.14 | 15.54 | | A | 9 | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 15.54 | 20.18 | | B | | | | | 1% | polymictic | | Trace | | | SS | |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-21 | Diamond Drill | 556474 | 5182534 | 288 | No | 90 | 0 | BQ thinwall | 46.4 | | | Wesley Whymark | Sept 20 2014 | | | | |

| Graphic | | | | | | | Depth | | | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | | Bedding/Contacts | | | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | Core Recovery | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | Strat | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 20.18 | 30.36 | | D | | | | | | | | Trace | | | | | |
| | | | | | | | 30.36 | 30.5 | | B | | | | | 1% | polymictic | | Trace | | | SS | MI | |
| | | | | | | | 30.5 | 31.79 | | D | | | | | | | | | | | | | |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-21 | Diamond Drill | 556474 | 5182534 | 288 | No | 90 | 0 | BQ thinwall | 46.4 | | | Wesley Whymark | Sept 20 2014 | | | | |

| Graphic | | | | | | | Depth | | Lithology code | | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | Core Recovery | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | |
| | | | | | | | 31.79 | 31.87 | | B | | | | | 1% | polymictic | | Trace | | | SS | |
| | | | | | | | 31.87 | 32.66 | | B | | | | | 1% | polymictic | | | | | SS | |
| | | | | | | | 32.66 | 32.91 | | D | | | | | | | | | | | | Few scattered pebbles |
| | | | | | | | 32.91 | 34.73 | | B | | | | | 1% | polymictic | | 1 | | | SS | |
| | | | | | | | 34.73 | 34.91 | | D | | | | | | | | 3 | | | | |
| | | | | | | | 34.91 | 36.89 | | A | 10 | | | | 1% | polymictic | | 1 | | | SS | Visible Gold @ 34.93 |
| | | | | | | | 36.89 | 38.32 | | B | | | | | 1% | polymictic | | Trace | | | | |
| | | | | | | | 38.32 | 39.19 | | A | 11 | | | | 2% | polymictic | | Trace | | | SS | |
| | | | | | | | 39.19 | 40.63 | | B | | | | | 2% | polymictic | | Trace | | | | |
| | | | | | | | 40.63 | 41.93 | | A | 12 | | | | 2% | polymictic | | Trace | | | SS | |
| | | | | | | | 41.93 | 42.63 | | B | | | | | | polymictic | | Trace | | | | |
| | | | | | | | 42.63 | 43.56 | | A | 13 | | | | | polymictic | | Trace | | | SS | |

**Project: Ginguro Exploration - Pardo project**

| Drill hole ID | Drill Type | Easting | Northing | Elevation (m) | Surveyed? | Dip | Azimith | Core size | EOH | Date Start | Date Complete | Logged by | Logged Date | Sampled by | Sampled Date | Lab Date | (Grain size in mm; f = silt <0.0625 mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PD-14-21 | Diamond Drill | 556474 | 5182534 | 288 | No | 90 | 0 | BQ thinwall | 46.4 | | | Wesley Whymark | Sept 20 2014 | | | | |

| Graphic | | | | | | | Depth | | Lithology code | Particle/clast size | | | Clast composition | | | Pyrite/sulphide | Bedding/Contacts | | Strat | Comments / Interpretation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f | sf | sm | sc | gf | gm | gc | From | To | Core Recovery | Rock Type | A facies # | Mean Pebble Size | Packing (%) | Sorting | Qtz | type | Detrital Py | (%) | Size (mm) | Dips | Type | | |
| | | | | | | | 43.56 | 46.40 | | ABS | | | | | | | | | | | | ABS | |

| | | Percentiles | | | | |
|---|---|---|---|---|---|---|
| | | 95 | 84 | 50 | 16 | 5 |
| A1 | Insert Value | | | | | |
| | Mean pebble size | 0 | | | | |
| | Sorting | 0 | | | | |
| | Packing | Count | | Packing % | | |
| | | 60 | | 0% | | |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U863757

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 11, 2014

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U863757
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 11, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503810 (5576757) | 0.35 | 0.08 | 34.2 | 340 | 0.06 | - | - | 0.06 | 0.09 | |
| E5503811 (5576758) | 0.11 | <0.01 | 21.3 | 110 | 0.01 | - | - | <0.01 | <0.01 | |
| E5503812 (5576759) | 0.36 | 0.01 | 39.3 | 350 | <0.01 | - | - | 0.02 | <0.01 | |
| E5503813 (5576760) | 0.30 | <0.01 | 39.4 | 290 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503814 (5576761) | 0.32 | <0.01 | 36.6 | 310 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503815 (5576762) | 0.33 | <0.01 | 38.0 | 330 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503816 (5576763) | 0.23 | <0.01 | 39.3 | 220 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503817 (5576764) | 0.33 | 0.01 | 38.6 | 320 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503818 (5576765) | 0.23 | <0.01 | 32.4 | 230 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503819 (5576766) | 0.26 | <0.01 | 24.4 | 250 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503820 (5576767) | 0.02 | - | - | - | - | - | - | - | - | 15.1 |
| E5503821 (5576768) | 0.42 | 0.01 | 28.3 | 410 | <0.01 | - | - | 0.02 | 0.02 | |
| E5503822 (5576769) | 0.28 | 0.01 | 26.2 | 280 | <0.01 | - | - | 0.02 | <0.01 | |
| E5503823 (5576770) | 0.33 | 0.01 | 24.9 | 320 | <0.01 | - | - | <0.01 | 0.01 | |
| E5503824 (5576771) | 0.32 | 0.03 | 24.1 | 310 | 0.01 | - | - | 0.05 | 0.02 | |
| E5503825 (5576772) | 0.73 | 0.05 | 45.7 | 720 | 0.05 | - | - | 0.05 | 0.06 | |
| E5503826 (5576773) | 0.49 | 0.22 | 27.2 | 480 | 0.34 | - | - | 0.21 | 0.21 | |
| E5503827 (5576774) | 0.42 | 0.02 | 25.9 | 410 | 0.04 | - | - | 0.02 | 0.02 | |
| E5503828 (5576775) | 0.50 | 0.01 | 25.9 | 490 | 0.02 | - | - | <0.01 | 0.01 | |
| E5503829 (5576776) | 0.66 | 0.01 | 27.3 | 650 | 0.02 | - | - | 0.01 | 0.01 | |
| E5503830 (5576777) | 0.33 | 0.04 | 25.2 | 330 | 0.05 | - | - | 0.05 | 0.04 | |
| E5503831 (5576778) | 0.35 | 0.06 | 25.5 | 340 | 0.02 | - | - | 0.10 | 0.03 | |
| E5503832 (5576779) | 0.30 | 0.03 | 23.4 | 290 | 0.02 | - | - | 0.02 | 0.03 | |
| E5503833 (5576780) | 0.32 | 0.07 | 25.4 | 310 | 0.11 | - | - | 0.07 | 0.06 | |
| E5503834 (5576781) | 0.36 | 0.24 | 24.2 | 350 | 0.28 | - | - | 0.22 | 0.25 | |
| E5503835 (5576782) | 0.31 | 0.21 | 18.6 | 310 | 0.25 | - | - | 0.20 | 0.22 | |
| E5503836 (5576783) | 0.97 | 0.08 | 23.0 | 960 | 0.10 | - | - | 0.08 | 0.06 | |
| E5503837 (5576784) | 0.60 | 0.01 | 22.5 | 590 | 0.01 | - | - | 0.01 | <0.01 | |
| E5503838 (5576785) | 0.65 | 0.01 | 26.6 | 640 | <0.01 | - | - | <0.01 | 0.02 | |
| E5503839 (5576786) | 0.35 | 0.01 | 23.5 | 340 | 0.01 | - | - | <0.01 | 0.01 | |
| E5503840 (5576787) | 0.18 | <0.01 | 12.4 | 180 | <0.01 | - | - | <0.01 | <0.01 | |

Certified By:

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# Certificate of Analysis

AGAT WORK ORDER: 14U863757
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 11, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503841 (5576788) | 0.46 | 0.01 | 24.1 | 450 | <0.01 | - | - | 0.01 | 0.02 | |
| E5503842 (5576789) | 0.35 | 0.24 | 21.5 | 350 | 0.32 | - | - | 0.18 | 0.29 | |
| E5503843 (5576790) | 0.53 | 0.07 | 23.1 | 520 | 0.09 | - | - | 0.07 | 0.07 | |
| E5503844 (5576791) | 0.56 | 0.11 | 23.4 | 550 | 0.15 | - | - | 0.12 | 0.10 | |
| E5503845 (5576792) | 0.48 | 0.37 | 24.1 | 470 | 0.45 | - | - | 0.35 | 0.38 | |
| E5503846 (5576793) | 0.90 | 0.11 | 26.8 | 890 | 0.17 | - | - | 0.09 | 0.12 | |
| E5503847 (5576794) | 0.39 | 24.2 | 23.9 | 380 | 26.1 | - | - | 21.1 | 27.0 | |
| E5503848 (5576795) | 0.33 | 0.07 | 22.7 | 330 | 0.08 | - | - | 0.06 | 0.07 | |
| E5503849 (5576796) | 0.44 | 0.02 | 21.5 | 440 | 0.01 | - | - | 0.02 | 0.03 | |
| E5503850 (5576797) | 0.46 | 0.29 | 24.7 | 450 | 0.05 | - | - | 0.26 | 0.36 | |
| E5503851 (5576798) | 0.34 | 0.03 | 24.2 | 340 | 0.02 | - | - | 0.04 | 0.01 | |
| E5503852 (5576799) | 0.42 | 1.17 | 23.0 | 410 | 0.26 | - | - | 1.42 | 1.02 | |
| E5503853 (5576800) | 0.25 | 0.47 | 19.7 | 250 | 0.21 | - | - | 0.56 | 0.41 | |
| E5503854 (5576801) | 0.46 | 0.29 | 24.6 | 440 | 0.04 | - | - | 0.18 | 0.43 | |
| E5503855 (5576802) | 0.35 | 0.50 | 22.7 | 340 | 0.10 | - | - | 0.36 | 0.68 | |
| E5503856 (5576803) | 0.32 | 0.40 | 22.5 | 310 | 0.81 | - | - | 0.33 | 0.41 | |
| E5503857 (5576804) | 0.39 | 0.11 | 25.6 | 380 | 0.03 | - | - | 0.15 | 0.09 | |
| E5503858 (5576805) | 0.37 | 0.01 | 25.8 | 370 | <0.01 | - | - | 0.02 | <0.01 | |
| E5503859 (5576806) | 0.25 | 0.01 | 25.4 | 250 | <0.01 | - | - | <0.01 | <0.01 | |

Comments: RDL - Reported Detection Limit

Certified By: Y. Chan.

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U863757

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U863757

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Metallic Gold | 1.44 | 1.59 | 110% | 90% - 110% | 6.09 | 6.45 | 105% | 90% - 110% | 14.8 | 14.4 | 97% | 90% - 110% | | | | |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U863757

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 3 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: Wesley Whymark

PROJECT NO:

AGAT WORK ORDER: 14U863768

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 06, 2014

PAGES (INCLUDING COVER): 6

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*NOTES

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# Certificate of Analysis

AGAT WORK ORDER: 14U863768
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: Wesley Whymark

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503860 (5576861) | 0.02 | - | - | - | - | - | - | - | - | 2.38 |
| E5503861 (5576862) | 0.43 | 0.05 | 39.1 | 391 | 0.03 | - | - | 0.08 | 0.02 | |
| E5503862 (5576863) | 0.34 | 0.11 | 35.5 | 305 | 0.05 | - | - | 0.20 | 0.04 | |
| E5503863 (5576864) | 0.42 | 0.01 | 35.9 | 384 | 0.01 | - | - | <0.01 | <0.01 | |
| E5503864 (5576865) | 0.30 | 0.01 | 34.3 | 266 | 0.03 | - | - | <0.01 | 0.01 | |
| E5503865 (5576866) | 0.34 | 0.01 | 35.8 | 304 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503866 (5576867) | 0.34 | 0.01 | 30.7 | 309 | <0.01 | - | - | 0.02 | 0.01 | |
| E5503867 (5576868) | 0.34 | 0.01 | 34.1 | 306 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503868 (5576869) | 0.56 | <0.01 | 37.6 | 522 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503869 (5576870) | 0.92 | 0.03 | 40.7 | 879 | 0.02 | - | - | 0.06 | <0.01 | |
| E5503870 (5576871) | 0.81 | 0.01 | 38.6 | 771 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503871 (5576872) | 0.32 | 0.57 | 32.7 | 287 | 0.80 | - | - | 0.58 | 0.51 | |
| E5503872 (5576873) | 0.36 | 0.11 | 35.4 | 325 | 0.23 | - | - | 0.08 | 0.11 | |
| E5503873 (5576874) | 0.36 | 0.02 | 31.8 | 328 | 0.05 | - | - | 0.01 | 0.01 | |
| E5503874 (5576875) | 0.41 | 0.09 | 34.0 | 376 | 0.07 | - | - | 0.08 | 0.09 | |
| E5503875 (5576876) | 0.49 | 0.36 | 39.1 | 451 | 0.49 | - | - | 0.29 | 0.42 | |
| E5503876 (5576877) | 0.37 | 0.20 | 32.2 | 338 | 0.30 | - | - | 0.19 | 0.19 | |
| E5503877 (5576878) | 0.68 | 0.04 | 40.1 | 640 | 0.07 | - | - | 0.04 | 0.04 | |
| E5503878 (5576879) | 0.62 | 0.01 | 39.9 | 580 | 0.01 | - | - | 0.01 | 0.01 | |
| E5503879 (5576880) | 0.43 | 0.02 | 34.6 | 395 | 0.05 | - | - | 0.02 | 0.02 | |
| E5503880 (5576881) | 0.09 | <0.01 | 12.5 | 77.5 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503881 (5576882) | 0.33 | 0.02 | 20.0 | 310 | 0.04 | - | - | 0.02 | 0.02 | |
| E5503882 (5576883) | 0.36 | 0.02 | 22.7 | 337 | 0.03 | - | - | 0.02 | 0.01 | |
| E5503883 (5576884) | 0.37 | 0.04 | 25.4 | 345 | 0.04 | - | - | 0.02 | 0.05 | |
| E5503884 (5576885) | 0.49 | 0.21 | 24.6 | 465 | 0.17 | - | - | 0.19 | 0.24 | |
| E5503885 (5576886) | 0.68 | 0.28 | 28.9 | 651 | 0.20 | - | - | 0.31 | 0.27 | |
| E5503886 (5576887) | 0.32 | 0.18 | 20.7 | 299 | 0.22 | - | - | 0.19 | 0.17 | |
| E5503887 (5576888) | 0.13 | 0.02 | 22.4 | 108 | 0.03 | - | - | 0.02 | 0.03 | |
| E5503888 (5576889) | 0.41 | 0.06 | 27.4 | 383 | 0.18 | - | - | 0.04 | 0.07 | |
| E5503889 (5576890) | 0.34 | 0.52 | 27.6 | 312 | 1.31 | - | - | 0.43 | 0.47 | |
| E5503890 (5576891) | 0.42 | 0.06 | 26.9 | 393 | 0.20 | - | - | 0.06 | 0.03 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U863768
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: Wesley Whymark

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503891 (5576892) | 0.32 | 0.33 | 25.7 | 294 | 0.47 | - | - | 0.46 | 0.18 | |
| E5503892 (5576893) | 0.38 | <0.01 | 25.6 | 354 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503893 (5576894) | 0.38 | 0.10 | 27.1 | 353 | 0.06 | - | - | <0.01 | 0.19 | |
| E5503894 (5576895) | 0.38 | 0.09 | 26.2 | 354 | <0.01 | - | - | 0.12 | 0.06 | |
| E5503895 (5576896) | 0.39 | <0.01 | 23.2 | 367 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503896 (5576897) | 0.32 | <0.01 | 22.0 | 298 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503897 (5576898) | 0.48 | <0.01 | 24.5 | 456 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503898 (5576899) | 0.32 | 0.52 | 24.8 | 295 | 0.22 | - | - | 0.54 | 0.56 | |
| E5503899 (5576900) | 0.37 | 0.11 | 23.6 | 346 | 0.03 | - | - | 0.03 | 0.20 | |
| E5503900 (5576901) | 0.02 | - | - | - | - | - | - | - | - | 0.301 |
| E5503901 (5576902) | 0.42 | 0.17 | 23.3 | 397 | 0.13 | - | - | 0.15 | 0.20 | |
| E5503902 (5576903) | 0.40 | 0.05 | 24.1 | 376 | <0.01 | - | - | <0.01 | 0.10 | |
| E5503903 (5576904) | 0.40 | 0.16 | 23.5 | 377 | 1.15 | - | - | 0.11 | 0.08 | |
| E5503904 (5576905) | 0.32 | <0.01 | 24.2 | 296 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503905 (5576906) | 0.35 | 0.04 | 23.5 | 327 | 0.03 | - | - | 0.04 | 0.04 | |
| E5503906 (5576907) | 0.32 | 0.12 | 23.2 | 297 | 0.09 | - | - | 0.10 | 0.13 | |
| E5503907 (5576908) | 0.34 | 0.06 | 22.3 | 318 | 0.04 | - | - | 0.07 | 0.06 | |
| E5503908 (5576909) | 0.22 | 0.01 | 21.2 | 199 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503909 (5576910) | 0.40 | <0.01 | 22.8 | 377 | <0.01 | - | - | <0.01 | <0.01 | |

Comments: RDL - Reported Detection Limit

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U863768

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: Wesley Whymark

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U863768

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: Wesley Whymark

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Metallic Gold | 6.09 | 5.83 | 95% | 90% - 110% | 14.8 | 14.9 | 100% | 90% - 110% | 1.40 | 1.55 | 110% | 90% - 110% | | | | |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U863768

PROJECT NO:

ATTENTION TO: Wesley Whymark

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 3 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U863777

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 11, 2014

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U863777

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 11, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503910 (5576948) | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | |
| E5503911 (5576949) | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | |
| E5503912 (5576950) | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | |
| E5503913 (5576951) | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | |
| E5503914 (5576952) | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | NRC | |
| E5503915 (5576953) | 0.38 | 1.41 | 25.2 | 380 | 0.80 | - | - | 1.41 | 1.49 | |
| E5503916 (5576954) | 0.32 | 9.56 | 24.1 | 320 | 15.0 | - | - | 9.07 | 9.22 | |
| E5503917 (5576955) | 0.39 | 1.07 | 24.1 | 380 | 0.65 | - | - | 1.13 | 1.07 | |
| E5503918 (5576956) | 0.30 | 2.18 | 23.2 | 290 | 6.12 | - | - | 1.72 | 2.02 | |
| E5503919 (5576957) | 0.28 | 0.18 | 25.3 | 270 | 0.08 | - | - | 0.16 | 0.22 | |
| E5503920 (5576958) | 0.36 | 0.18 | 23.1 | 350 | 0.10 | - | - | 0.29 | 0.08 | |
| E5503921 (5576959) | 0.36 | 0.31 | 23.2 | 360 | 0.35 | - | - | 0.20 | 0.42 | |
| E5503922 (5576960) | 0.29 | 0.49 | 22.4 | 280 | 4.02 | - | - | 0.19 | 0.23 | |
| E5503923 (5576962) | 0.39 | 0.29 | 24.9 | 380 | 0.13 | - | - | 0.34 | 0.25 | |
| E5503924 (5576963) | 0.41 | 0.95 | 23.2 | 410 | 0.23 | - | - | 1.05 | 0.93 | |
| E5503925 (5576964) | 0.54 | 0.11 | 23.5 | 530 | 0.04 | - | - | 0.10 | 0.13 | |
| E5503926 (5576965) | 0.32 | 0.19 | 22.4 | 320 | 0.31 | - | - | 0.21 | 0.15 | |
| E5503927 (5576966) | 0.36 | 0.07 | 23.4 | 350 | 0.04 | - | - | 0.06 | 0.09 | |
| E5503928 (5576967) | 0.29 | 0.60 | 24.7 | 280 | 0.31 | - | - | 0.61 | 0.65 | |
| E5503929 (5576968) | 0.18 | 0.33 | 16.8 | 180 | 0.17 | - | - | 0.36 | 0.32 | |
| E5503930 (5576969) | 0.02 | - | - | - | - | - | - | - | - | 0.467 |
| E5503931 (5576970) | 0.60 | 1.67 | 28.4 | 590 | 1.26 | - | - | 1.79 | 1.60 | |
| E5503932 (5576971) | 0.27 | 0.97 | 25.2 | 260 | 0.63 | - | - | 1.30 | 0.71 | |
| E5503933 (5576972) | 0.35 | 13.9 | 27.0 | 350 | 12.4 | - | - | 14.2 | 13.9 | |
| E5503934 (5576973) | 0.34 | 1.58 | 25.2 | 330 | 1.11 | - | - | 1.73 | 1.50 | |
| E5503935 (5576974) | 0.38 | 0.13 | 25.5 | 370 | 0.09 | - | - | 0.12 | 0.14 | |
| E5503936 (5576975) | 0.43 | 1.35 | 24.0 | 410 | 1.39 | - | - | 1.47 | 1.22 | |
| E5503937 (5576976) | 0.37 | 2.29 | 23.8 | 360 | 2.62 | - | - | 2.35 | 2.18 | |
| E5503938 (5576977) | 0.29 | 10.4 | 18.5 | 280 | 8.20 | - | - | 9.60 | 11.5 | |
| E5503939 (5576978) | 0.41 | 2.54 | 23.1 | 410 | 1.01 | - | - | 2.67 | 2.58 | |
| E5503940 (5576979) | 0.35 | 0.56 | 24.1 | 340 | 0.48 | - | - | 0.61 | 0.52 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U863777
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 15, 2014 | DATE RECEIVED: Jul 15, 2014 | DATE REPORTED: Aug 11, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5503941 (5576980) | 0.34 | 0.46 | 22.9 | 340 | 0.46 | - | - | 0.54 | 0.39 | |
| E5503942 (5576981) | 0.32 | 0.33 | 25.9 | 320 | 0.47 | - | - | 0.33 | 0.29 | |
| E5503943 (5576982) | 0.36 | 0.35 | 23.3 | 360 | 0.57 | - | - | 0.34 | 0.33 | |
| E5503944 (5576983) | 0.32 | 0.63 | 23.4 | 310 | 0.50 | - | - | 0.63 | 0.64 | |
| E5503945 (5576984) | 0.38 | 3.39 | 25.4 | 370 | 3.90 | - | - | 3.90 | 2.81 | |
| E5503946 (5576985) | 0.32 | 0.25 | 21.0 | 310 | 1.31 | - | - | 0.16 | 0.19 | |
| E5503947 (5576986) | 0.37 | 0.29 | 24.1 | 360 | 0.32 | - | - | 0.20 | 0.39 | |
| E5503948 (5576987) | 0.38 | 0.13 | 22.6 | 370 | 0.28 | - | - | 0.10 | 0.15 | |
| E5503949 (5576988) | 0.46 | 5.67 | 24.4 | 450 | 7.82 | - | - | 5.68 | 5.44 | |
| E5503950 (5576989) | 0.47 | <0.01 | 23.1 | 460 | <0.01 | - | - | <0.01 | <0.01 | |
| E5503951 (5576990) | 0.29 | 9.78 | 20.6 | 290 | 11.9 | - | - | 6.41 | 12.8 | |
| E5503952 (5576991) | 0.40 | 0.96 | 21.8 | 390 | 0.71 | - | - | 0.90 | 1.04 | |
| E5503953 (5576992) | 0.43 | 0.26 | 23.7 | 430 | 0.11 | - | - | 0.28 | 0.25 | |
| E5503954 (5576993) | 0.36 | 0.09 | 24.8 | 350 | <0.01 | - | - | 0.16 | 0.02 | |
| E5503955 (5576994) | 0.23 | 0.48 | 20.1 | 230 | 0.33 | - | - | 0.56 | 0.44 | |
| E5503956 (5576995) | 0.26 | 0.39 | 22.9 | 260 | 0.12 | - | - | 0.37 | 0.45 | |
| E5503957 (5576996) | 0.29 | 0.94 | 23.2 | 280 | 0.24 | - | - | 1.06 | 0.94 | |
| E5503958 (5576997) | 0.26 | 0.55 | 24.0 | 260 | 1.07 | - | - | 0.53 | 0.47 | |
| E5503959 (5576998) | 0.24 | 0.07 | 22.1 | 240 | 0.05 | - | - | 0.08 | 0.06 | |

Comments: RDL - Reported Detection Limit

Certified By:

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U863777

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U863777

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Metallic Gold | 1.44 | 1.31 | 90% | 90% - 110% | 6.09 | 6.41 | 105% | 90% - 110% | | | | | | | | |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U863777

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 3 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U864494

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 08, 2014

PAGES (INCLUDING COVER): 6

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*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U864494

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 17, 2014 | DATE RECEIVED: Jul 16, 2014 | DATE REPORTED: Aug 08, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5440107 (5583831) | 0.53 | 0.04 | 27.2 | 510 | 0.06 | - | - | 0.04 | 0.05 | |
| E5440108 (5583832) | 0.31 | 0.09 | 23.0 | 290 | 0.17 | - | - | 0.14 | 0.02 | |
| E5440109 (5583833) | 0.30 | 0.02 | 23.4 | 280 | 0.02 | - | - | 0.02 | 0.01 | |
| E5440110 (5583834) | 0.43 | <0.01 | 27.5 | 410 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440111 (5583835) | 0.33 | 0.01 | 24.2 | 310 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440112 (5583836) | 0.28 | 0.01 | 24.9 | 270 | 0.01 | - | - | <0.01 | <0.01 | |
| E5440113 (5583837) | 0.33 | <0.01 | 25.1 | 310 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440114 (5583838) | 0.31 | 0.01 | 24.7 | 290 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440115 (5583839) | 0.34 | 0.02 | 25.2 | 310 | 0.02 | - | - | 0.02 | 0.02 | |
| E5440116 (5583840) | 0.34 | 0.06 | 24.1 | 310 | 0.04 | - | - | 0.09 | 0.04 | |
| E5440117 (5583841) | 0.35 | 0.04 | 25.7 | 330 | 0.02 | - | - | 0.05 | 0.04 | |
| E5440118 (5583842) | 0.33 | <0.01 | 24.8 | 320 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440119 (5583843) | 0.26 | 0.08 | 23.1 | 240 | 0.05 | - | - | 0.07 | 0.08 | |
| E5440120 (5583844) | 0.23 | 0.01 | 17.6 | 210 | <0.01 | - | - | 0.01 | <0.01 | |
| E5440121 (5583845) | 0.33 | 0.03 | 24.4 | 310 | 0.04 | - | - | 0.03 | 0.04 | |
| E5440122 (5583846) | 0.38 | <0.01 | 24.9 | 360 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440123 (5583847) | 0.27 | <0.01 | 24.3 | 250 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440124 (5583848) | 0.33 | 0.02 | 24.9 | 310 | 0.02 | - | - | 0.02 | 0.02 | |
| E5440125 (5583849) | 0.33 | 0.25 | 25.6 | 310 | 0.02 | - | - | 0.41 | 0.13 | |
| E5440126 (5583850) | 0.30 | 0.18 | 24.7 | 280 | 0.27 | - | - | 0.16 | 0.17 | |
| E5440127 (5583851) | 0.50 | 0.31 | 27.4 | 480 | 0.15 | - | - | 0.40 | 0.24 | |
| E5440128 (5583852) | 0.37 | 0.15 | 25.6 | 360 | 0.08 | - | - | 0.23 | 0.07 | |
| E5440129 (5583853) | 0.35 | <0.01 | 24.0 | 340 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440130 (5583854) | 0.43 | 0.01 | 27.5 | 410 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440131 (5583855) | 0.70 | <0.01 | 34.5 | 690 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440132 (5583856) | 0.80 | <0.01 | 38.5 | 780 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440133 (5583857) | 0.39 | <0.01 | 26.4 | 380 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440134 (5583858) | 0.48 | 0.01 | 27.9 | 470 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440135 (5583859) | 0.53 | 0.01 | 29.4 | 510 | <0.01 | - | - | <0.01 | <0.01 | |
| E5440136 (5583860) | 0.46 | 0.01 | 28.6 | 440 | 0.01 | - | - | <0.01 | 0.01 | |
| E5440137 (5583861) | 0.38 | 0.17 | 27.6 | 360 | 0.23 | - | - | 0.15 | 0.17 | |

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AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 14U864494
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 17, 2014 | DATE RECEIVED: Jul 16, 2014 | DATE REPORTED: Aug 08, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5440138 (5583862) | 0.76 | 0.29 | 35.8 | 740 | 0.31 | - | - | 0.25 | 0.34 | |
| E5440139 (5583863) | 0.83 | 0.02 | 36.8 | 810 | 0.04 | - | - | 0.03 | 0.02 | |
| E5440140 (5583864) | 0.02 | - | - | - | - | - | - | - | - | 2.58 |
| E5440141 (5583865) | 0.69 | 0.05 | 33.2 | 670 | 0.03 | - | - | 0.05 | 0.06 | |
| E5440142 (5583866) | 0.36 | 0.04 | 25.4 | 350 | 0.05 | - | - | 0.05 | 0.04 | |
| E5440143 (5583867) | 0.78 | 0.03 | 34.2 | 760 | 0.03 | - | - | 0.03 | 0.03 | |

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

# Quality Assurance - Replicate

AGAT WORK ORDER: 14U864494

PROJECT NO:

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CANADA L4Z 1N9
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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U864494

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | CRM #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Metallic Gold | 6.09 | 6.17 | 101% | 90% - 110% | 14.8 | 15.7 | 106% | 90% - 110% | 1.40 | 1.35 | 96% | 90% - 110% | 6.09 | 6.11 | 100% | 90% - 110% |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U864494

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 3 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U866256

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 18, 2014

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U866256
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 22, 2014 | DATE RECEIVED: Jul 21, 2014 | DATE REPORTED: Aug 18, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5504144 (5598771) | 0.42 | 0.50 | 28.0 | 410 | 0.33 | - | - | 0.40 | 0.62 | |
| E5504145 (5598772) | 0.19 | 5.46 | 13.7 | 190 | 20.6 | - | - | 5.16 | 3.60 | |
| E5504146 (5598773) | 0.33 | 0.21 | 29.0 | 290 | 1.15 | - | - | 0.11 | 0.13 | |
| E5504147 (5598774) | 0.34 | 0.16 | 24.2 | 320 | 0.15 | - | - | 0.21 | 0.12 | |
| E5504148 (5598775) | 0.35 | 0.03 | 22.5 | 340 | 0.03 | - | - | 0.05 | 0.02 | |
| E5504149 (5598776) | 0.37 | 0.08 | 25.0 | 360 | 0.04 | - | - | 0.11 | 0.06 | |
| E5504150 (5598777) | 0.24 | 0.20 | 22.5 | 240 | 0.95 | - | - | 0.16 | 0.11 | |
| E5504151 (5598778) | 0.36 | 0.23 | 26.5 | 350 | 0.03 | - | - | 0.16 | 0.33 | |
| E5504152 (5598779) | 0.31 | 0.02 | 24.6 | 310 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504153 (5598780) | 0.31 | 0.03 | 24.2 | 310 | 0.02 | - | - | 0.03 | 0.04 | |
| E5504154 (5598781) | 0.31 | 0.02 | 23.9 | 310 | 0.02 | - | - | 0.02 | 0.03 | |
| E5504155 (5598782) | 0.37 | 0.18 | 24.3 | 360 | 0.06 | - | - | 0.17 | 0.22 | |
| E5504156 (5598783) | 0.25 | 0.06 | 25.0 | 250 | 0.06 | - | - | 0.05 | 0.07 | |
| E5504157 (5598784) | 0.36 | 0.03 | 25.2 | 350 | 0.03 | - | - | 0.03 | 0.03 | |
| E5504158 (5598785) | 0.36 | 0.02 | 27.2 | 350 | 0.02 | - | - | 0.02 | 0.03 | |
| E5504159 (5598786) | 0.25 | 0.20 | 21.5 | 250 | 0.04 | - | - | 0.19 | 0.25 | |
| E5504160 (5598787) | 0.16 | 0.01 | - | 232 | - | - | - | 0.01 | 0.01 | |
| E5504161 (5598788) | 0.32 | 0.07 | 20.1 | 310 | 0.07 | - | - | 0.07 | 0.08 | |
| E5504162 (5598789) | 0.42 | 0.15 | 24.4 | 410 | 0.09 | - | - | 0.16 | 0.15 | |
| E5504163 (5598790) | 0.34 | 0.10 | 22.2 | 340 | 0.09 | - | - | 0.11 | 0.10 | |
| E5504164 (5598791) | 0.25 | 0.79 | 23.4 | 250 | 0.41 | - | - | 0.77 | 0.88 | |
| E5504165 (5598792) | 0.33 | 0.02 | 19.3 | 320 | 0.05 | - | - | 0.02 | 0.02 | |
| E5504166 (5598793) | 0.26 | 0.11 | 24.7 | 260 | 0.11 | - | - | 0.08 | 0.13 | |
| E5504167 (5598794) | 0.29 | 0.23 | 26.0 | 290 | 0.29 | - | - | 0.20 | 0.24 | |
| E5504168 (5598795) | 0.32 | 0.02 | 24.7 | 320 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504169 (5598796) | 0.24 | 0.13 | 26.2 | 240 | 0.09 | - | - | 0.12 | 0.16 | |
| E5504170 (5598797) | 0.31 | 0.17 | 25.0 | 310 | 0.37 | - | - | 0.14 | 0.17 | |
| E5504171 (5598798) | 0.57 | 0.01 | 25.0 | 560 | 0.02 | - | - | 0.01 | <0.01 | |
| E5504172 (5598799) | 1.17 | 0.02 | 67.5 | 1150 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504173 (5598800) | 0.61 | 0.02 | 35.1 | 590 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504174 (5598801) | 0.59 | 0.11 | 35.5 | 580 | 0.15 | - | - | 0.12 | 0.10 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U866256
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 22, 2014 | DATE RECEIVED: Jul 21, 2014 | DATE REPORTED: Aug 18, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5504175 (5598802) | 0.63 | 0.06 | 35.6 | 610 | 0.09 | - | - | 0.07 | 0.06 | |
| E5504176 (5598803) | 0.54 | 0.06 | 33.3 | 530 | 0.04 | - | - | 0.10 | 0.04 | |
| E5504177 (5598804) | 0.66 | 0.02 | 37.5 | 640 | 0.01 | - | - | 0.01 | 0.02 | |
| E5504178 (5598805) | 0.47 | 0.13 | 30.0 | 460 | 0.25 | - | - | 0.12 | 0.12 | |
| E5504179 (5598806) | 0.61 | 0.22 | 35.5 | 590 | 0.22 | - | - | 0.25 | 0.20 | |
| E5504060 (5598807) | 0.60 | 0.03 | 34.9 | 590 | <0.01 | - | - | 0.03 | 0.03 | |
| E5504061 (5598808) | 1.07 | 0.01 | 59.1 | 1050 | 0.01 | - | - | 0.01 | <0.01 | |
| E5504062 (5598809) | 0.35 | 0.15 | 23.3 | 340 | 0.20 | - | - | 0.15 | 0.14 | |
| E5504063 (5598810) | 0.39 | 0.08 | 22.8 | 380 | 0.17 | - | - | 0.07 | 0.08 | |
| E5504064 (5598811) | 0.25 | 0.18 | 25.3 | 250 | 0.23 | - | - | 0.16 | 0.18 | |
| E5504065 (5598812) | 0.50 | 0.11 | 25.1 | 490 | 0.16 | - | - | 0.11 | 0.11 | |
| E5504066 (5598813) | 0.33 | 0.11 | 25.0 | 320 | 0.17 | - | - | 0.11 | 0.11 | |
| E5504067 (5598814) | 0.33 | 0.08 | 26.2 | 320 | 0.16 | - | - | 0.08 | 0.06 | |
| E5504068 (5598815) | 0.29 | 0.10 | 25.4 | 280 | 0.22 | - | - | 0.09 | 0.10 | |
| E5504069 (5598816) | 0.41 | 0.16 | 25.7 | 390 | 0.29 | - | - | 0.15 | 0.15 | |
| E5504070 (5598817) | 0.07 | - | - | - | - | - | - | - | - | 0.009 |
| E5504071 (5598818) | 0.29 | 0.15 | 25.0 | 280 | 0.27 | - | - | 0.15 | 0.14 | |
| E5504072 (5598819) | 0.33 | 0.02 | 25.6 | 320 | 0.03 | - | - | 0.02 | 0.03 | |
| E5504073 (5598820) | 0.52 | 0.11 | 23.9 | 510 | 0.15 | - | - | 0.11 | 0.10 | |
| E5504074 (5598821) | 0.55 | 0.42 | 26.3 | 540 | 0.83 | - | - | 0.26 | 0.54 | |
| E5504075 (5598822) | 0.40 | 2.54 | 23.7 | 390 | 7.51 | - | - | 2.31 | 2.17 | |
| E5504076 (5598823) | 0.39 | 0.02 | 25.4 | 380 | 0.03 | - | - | 0.02 | 0.03 | |
| E5504077 (5598824) | 0.37 | 0.02 | 28.4 | 360 | 0.01 | - | - | 0.02 | 0.03 | |
| E5504078 (5598825) | 0.44 | 0.23 | 25.0 | 420 | 0.06 | - | - | 0.20 | 0.28 | |
| E5504079 (5598826) | 0.40 | 0.02 | 26.6 | 390 | 0.02 | - | - | 0.02 | 0.03 | |
| E5504080 (5598827) | 0.39 | 0.47 | 24.1 | 380 | 0.70 | - | - | 0.38 | 0.52 | |
| E5504081 (5598828) | 0.37 | 0.04 | 22.6 | 360 | 0.03 | - | - | 0.04 | 0.03 | |
| E5504082 (5598829) | 0.41 | 0.15 | 25.8 | 390 | 0.06 | - | - | 0.24 | 0.07 | |
| E5504083 (5598830) | 0.36 | 0.17 | 25.5 | 350 | 0.07 | - | - | 0.16 | 0.20 | |
| E5504084 (5598831) | 0.38 | 0.13 | 24.6 | 370 | 0.09 | - | - | 0.10 | 0.17 | |
| E5504085 (5598832) | 0.30 | 0.03 | 19.6 | 290 | 0.04 | - | - | 0.03 | 0.03 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U866256

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 22, 2014 | DATE RECEIVED: Jul 21, 2014 | DATE REPORTED: Aug 18, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (+) Fraction 3 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E5504086 (5598833) | 0.36 | 0.03 | 25.3 | 340 | 0.03 | - | - | 0.03 | 0.03 | |
| E5504087 (5598834) | 0.36 | 0.02 | 25.6 | 340 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504088 (5598835) | 0.41 | 0.05 | 26.3 | 390 | 0.06 | - | - | 0.05 | 0.06 | |
| E5504089 (5598836) | 0.31 | 0.09 | 25.1 | 310 | 0.05 | - | - | 0.04 | 0.16 | |
| E5504090 (5598837) | 0.05 | - | - | - | - | - | - | - | - | 15.4 |
| E5504091 (5598838) | 0.39 | 0.07 | 25.7 | 370 | 0.04 | - | - | 0.11 | 0.03 | |
| E5504092 (5598839) | 0.31 | 0.02 | 25.8 | 310 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504093 (5598840) | 0.36 | 0.02 | 26.3 | 350 | 0.02 | - | - | 0.02 | 0.02 | |
| E5504094 (5598841) | 0.37 | 0.02 | 24.8 | 370 | 0.02 | - | - | 0.01 | 0.02 | |
| E5504095 (5598842) | 0.36 | 0.02 | 23.8 | 360 | 0.03 | - | - | 0.02 | 0.02 | |
| E5504096 (5598843) | 0.46 | 0.09 | 24.9 | 440 | 0.09 | - | - | 0.07 | 0.10 | |
| E5504097 (5598844) | 0.59 | 0.11 | 33.1 | 570 | 0.10 | - | - | 0.09 | 0.13 | |
| E5504098 (5598845) | 0.60 | 0.08 | 37.3 | 590 | 0.11 | - | - | 0.08 | 0.08 | |
| E5504099 (5598846) | 0.50 | 0.11 | 30.1 | 490 | 0.12 | - | - | 0.12 | 0.09 | |
| E5504100 (5598847) | 0.41 | 0.11 | 25.1 | 390 | 0.12 | - | - | 0.12 | 0.10 | |
| E5504101 (5598848) | 0.45 | 0.30 | 26.8 | 440 | 0.38 | - | - | 0.26 | 0.33 | |
| E5504102 (5598849) | 0.57 | 0.06 | 33.2 | 550 | 0.08 | - | - | 0.05 | 0.06 | |
| E5504103 (5598850) | 0.40 | 0.43 | 24.1 | 390 | 0.40 | - | - | 0.39 | 0.47 | |
| E5504104 (5598851) | 0.33 | 0.03 | 21.5 | 320 | 0.05 | - | - | 0.03 | 0.03 | |
| E5504105 (5598852) | 0.31 | 0.08 | 20.8 | 310 | 0.08 | - | - | 0.07 | 0.09 | |

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

# Quality Assurance - Replicate

AGAT WORK ORDER: 14U866256

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U866256

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | CRM #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Metallic Gold | 6.09 | 6.44 | 105% | 90% - 110% | 14.8 | 15.0 | 101% | 90% - 110% | 14.8 | 15.3 | 103% | 90% - 110% | 6.09 | 6.14 | 100% | 90% - 110% |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U866256

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 3 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U869732

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 28, 2014

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 14U869732
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 30, 2014 | DATE RECEIVED: Jul 30, 2014 | DATE REPORTED: Aug 28, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502251 (5632123) | 0.73 | 0.15 | 36.0 | 710 | 0.15 | 0.15 | 0.15 | |
| E502252 (5632124) | 0.62 | 0.04 | 33.9 | 610 | 0.06 | 0.04 | 0.04 | |
| E502253 (5632125) | 0.74 | 0.04 | 28.9 | 720 | 0.17 | 0.03 | 0.03 | |
| E502254 (5632126) | 0.75 | 0.03 | 30.2 | 730 | 0.07 | 0.03 | 0.03 | |
| E502255 (5632127) | 0.81 | 0.09 | 33.1 | 790 | 0.15 | 0.08 | 0.08 | |
| E502256 (5632128) | 0.49 | 4.73 | 29.4 | 480 | 9.06 | 4.40 | 4.52 | |
| E502257 (5632129) | 0.52 | 0.31 | 34.2 | 510 | 0.59 | 0.32 | 0.27 | |
| E502258 (5632130) | 0.34 | 2.39 | 30.8 | 330 | 4.55 | 1.75 | 2.63 | |
| E502259 (5632131) | 0.47 | 0.29 | 25.5 | 460 | 0.32 | 0.30 | 0.26 | |
| E502260 (5632132) | 0.33 | 4.40 | 27.0 | 330 | 5.56 | 3.96 | 4.64 | |
| E502261 (5632133) | 0.44 | 0.23 | 25.6 | 430 | 0.65 | 0.17 | 0.24 | |
| E502262 (5632134) | 0.41 | 0.18 | 25.1 | 390 | 0.24 | 0.16 | 0.18 | |
| E502263 (5632135) | 0.38 | 0.90 | 25.1 | 380 | 1.55 | 0.79 | 0.93 | |
| E502264 (5632136) | 0.34 | 0.22 | 25.4 | 340 | 0.42 | 0.21 | 0.21 | |
| E502265 (5632137) | 0.32 | 0.09 | 25.1 | 320 | 0.09 | 0.09 | 0.09 | |
| E502266 (5632138) | 0.41 | 0.01 | 25.4 | 380 | 0.02 | <0.01 | 0.01 | |
| E502267 (5632139) | 0.29 | <0.01 | 25.6 | 280 | <0.01 | <0.01 | <0.01 | |
| E502268 (5632140) | 0.35 | 0.11 | 25.3 | 340 | 0.07 | 0.11 | 0.11 | |
| E502269 (5632141) | 0.49 | 0.01 | 27.5 | 480 | 0.05 | 0.01 | 0.01 | |
| E502270 (5632142) | 0.33 | 0.09 | 25.1 | 330 | 0.18 | 0.08 | 0.08 | |
| E502271 (5632143) | 0.34 | 0.01 | 26.7 | 340 | 0.02 | <0.01 | <0.01 | |
| E502272 (5632144) | 0.39 | 0.01 | 27.2 | 380 | <0.01 | <0.01 | <0.01 | |
| E502273 (5632145) | 0.31 | 0.01 | 25.2 | 310 | 0.02 | <0.01 | <0.01 | |
| E502274 (5632146) | 0.42 | 0.01 | 26.1 | 410 | <0.01 | 0.01 | <0.01 | |
| E502275 (5632147) | 0.34 | <0.01 | 26.5 | 330 | <0.01 | <0.01 | <0.01 | |
| E502276 (5632148) | 0.32 | 0.02 | 25.5 | 320 | 0.02 | 0.02 | 0.02 | |
| E502277 (5632149) | 0.33 | <0.01 | 26.2 | 330 | <0.01 | <0.01 | <0.01 | |
| E502278 (5632150) | 0.43 | 0.01 | 26.4 | 410 | <0.01 | 0.01 | 0.01 | |
| E502279 (5632151) | 0.39 | 0.11 | 26.0 | 380 | 0.12 | 0.11 | 0.10 | |
| E502280 (5632152) | 0.37 | 0.02 | 26.2 | 360 | 0.02 | 0.02 | 0.02 | |
| E502281 (5632153) | 0.34 | 0.02 | 25.1 | 330 | 0.01 | 0.02 | 0.02 | |

Certified By:

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# Certificate of Analysis

AGAT WORK ORDER: 14U869732
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

DATE SAMPLED: Jul 30, 2014 | DATE RECEIVED: Jul 30, 2014 | DATE REPORTED: Aug 28, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502282 (5632154) | 0.36 | 0.03 | 25.4 | 350 | 0.03 | 0.03 | 0.03 | |
| E502283 (5632155) | 0.45 | 0.01 | 25.6 | 430 | 0.01 | 0.01 | <0.01 | |
| E502284 (5632156) | 0.36 | <0.01 | 25.9 | 350 | <0.01 | <0.01 | <0.01 | |
| E502285 (5632157) | 0.43 | 0.02 | 26.3 | 420 | 0.02 | 0.02 | 0.02 | |
| E502286 (5632158) | 0.29 | <0.01 | 25.5 | 280 | <0.01 | <0.01 | <0.01 | |
| E502287 (5632159) | 0.36 | 0.03 | 25.4 | 340 | 0.04 | 0.03 | 0.04 | |
| E502288 (5632160) | 0.41 | 0.01 | 25.3 | 390 | <0.01 | <0.01 | <0.01 | |
| E502289 (5632161) | 0.59 | 0.02 | 27.5 | 580 | <0.01 | 0.02 | 0.01 | |
| E502290 (5632162) | 0.40 | 0.01 | 25.2 | 390 | 0.01 | 0.02 | 0.01 | |
| E502291 (5632163) | 0.35 | <0.01 | 25.3 | 340 | <0.01 | <0.01 | <0.01 | |
| E502292 (5632164) | 0.37 | 0.08 | 25.3 | 360 | 0.14 | 0.07 | 0.08 | |
| E502293 (5632165) | 0.33 | 0.04 | 25.4 | 320 | 0.03 | 0.06 | 0.02 | |
| E502294 (5632166) | 0.29 | 0.02 | 30.0 | 290 | 0.04 | 0.01 | 0.01 | |
| E502295 (5632167) | 0.36 | 0.04 | 26.4 | 350 | 0.04 | 0.04 | 0.03 | |
| E502296 (5632168) | 0.39 | 0.01 | 25.3 | 390 | <0.01 | 0.02 | 0.01 | |
| E502499 (5711787) | 0.03 | - | - | - | - | - | - | 14.7 |

Comments: RDL - Reported Detection Limit

Certified By:

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U869732

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U869732

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish (Ginguro)

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | CRM #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Metallic Gold | 14.8 | 15.0 | 101% | 90% - 110% | 6.09 | 5.84 | 95% | 90% - 110% | 1.44 | 1.39 | 96% | 90% - 110% | 14.8 | 14.9 | 100% | 90% - 110% |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U869732

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | CALC |
| Plus (+) Fraction Weight | MIN-200-12004 | | BALANCE |
| Minus (-) Fraction Weight | MIN-200-12004 | | BALANCE |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U870748

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 30, 2014

PAGES (INCLUDING COVER): 9

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U870748
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

DATE SAMPLED: Aug 01, 2014 | DATE RECEIVED: Jul 31, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502297 (5641657) | 0.70 | 0.03 | 53.3 | 593 | 0.02 | 0.02 | 0.04 | 0.01 | |
| E502298 (5641658) | 0.50 | 0.01 | 48.6 | 416 | 0.01 | 0.03 | <0.01 | 0.02 | |
| E502299 (5641659) | 0.74 | 0.01 | 54.1 | 613 | <0.01 | <0.01 | <0.01 | 0.02 | |
| E502300 (5641660) | 0.30 | <0.01 | 27.4 | 250 | <0.01 | - | <0.01 | <0.01 | |
| E502301 (5641661) | 0.72 | <0.01 | 42.3 | 630 | <0.01 | 0.01 | <0.01 | <0.01 | |
| E502302 (5641662) | 0.76 | 0.01 | 53.5 | 634 | <0.01 | 0.02 | <0.01 | 0.01 | |
| E502303 (5641663) | 0.76 | <0.01 | 48.7 | 646 | <0.01 | <0.01 | <0.01 | <0.01 | |
| E502304 (5641664) | 0.80 | <0.01 | 50.9 | 695 | <0.01 | <0.01 | <0.01 | <0.01 | |
| E502305 (5641665) | 0.78 | 0.01 | 48.6 | 686 | <0.01 | <0.01 | 0.01 | 0.01 | |
| E502306 (5641666) | 0.80 | 0.01 | 51.8 | 684 | <0.01 | <0.01 | <0.01 | <0.01 | |
| E502307 (5641667) | 0.78 | 0.03 | 53.9 | 663 | <0.01 | <0.01 | 0.07 | <0.01 | |
| E502308 (5641668) | 0.76 | <0.01 | 49.2 | 655 | <0.01 | <0.01 | <0.01 | <0.01 | |
| E502309 (5641669) | 0.38 | <0.01 | 29.1 | 340 | <0.01 | - | <0.01 | <0.01 | |
| E502310 (5641670) | 0.38 | <0.01 | 26.5 | 360 | <0.01 | - | <0.01 | <0.01 | |
| E502311 (5641671) | 0.40 | <0.01 | 27.7 | 360 | <0.01 | - | <0.01 | <0.01 | |
| E502312 (5641672) | 0.38 | <0.01 | 25.6 | 350 | <0.01 | - | <0.01 | <0.01 | |
| E502313 (5641673) | 0.40 | 0.01 | 25.7 | 360 | <0.01 | - | 0.02 | <0.01 | |
| E502314 (5641674) | 0.38 | <0.01 | 25.8 | 390 | <0.01 | - | <0.01 | <0.01 | |
| E502315 (5641675) | 0.42 | <0.01 | 26.0 | 390 | <0.01 | - | <0.01 | <0.01 | |
| E502316 (5641676) | 0.38 | 0.02 | 26.9 | 340 | 0.06 | - | 0.01 | 0.02 | |
| E502317 (5641677) | 0.40 | 0.04 | 25.5 | 360 | 0.15 | - | 0.03 | 0.03 | |
| E502318 (5641678) | 0.36 | 0.01 | 26.1 | 320 | 0.02 | - | <0.01 | 0.02 | |
| E502319 (5641679) | 0.44 | <0.01 | 26.5 | 390 | <0.01 | - | <0.01 | <0.01 | |
| E502320 (5641680) | 0.06 | - | - | - | - | - | - | - | 0.461 |
| E502321 (5641681) | 0.46 | 0.05 | 24.7 | 390 | 0.38 | - | <0.01 | 0.04 | |
| E502322 (5641682) | 0.40 | 0.13 | 28.8 | 360 | 0.29 | - | 0.09 | 0.13 | |
| E502323 (5641683) | 0.42 | <0.01 | 26.8 | 350 | 0.03 | - | <0.01 | <0.01 | |
| E502324 (5641684) | 0.38 | <0.01 | 25.5 | 340 | <0.01 | - | <0.01 | <0.01 | |
| E502325 (5641685) | 0.40 | <0.01 | 25.7 | 340 | <0.01 | - | <0.01 | <0.01 | |
| E502326 (5641686) | 0.36 | 0.07 | 25.3 | 320 | 0.04 | - | 0.12 | 0.02 | |
| E502327 (5641687) | 0.46 | 0.01 | 27.6 | 410 | <0.01 | - | <0.01 | 0.02 | |

Certified By:

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# Certificate of Analysis

AGAT WORK ORDER: 14U870748
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

DATE SAMPLED: Aug 01, 2014 | DATE RECEIVED: Jul 31, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502328 (5641688) | 0.42 | 0.05 | 27.1 | 360 | 0.04 | - | 0.08 | 0.02 | |
| E502329 (5641689) | 0.38 | 0.07 | 29.6 | 310 | 0.05 | - | 0.05 | 0.09 | |
| E502330 (5641690) | 0.42 | 0.02 | 25.8 | 370 | <0.01 | - | 0.02 | 0.02 | |
| E502331 (5641691) | 0.40 | 0.02 | 29.5 | 360 | 0.05 | - | 0.02 | 0.02 | |
| E502332 (5641692) | 0.42 | <0.01 | 24.4 | 370 | <0.01 | - | <0.01 | <0.01 | |
| E502333 (5641693) | 0.46 | 0.01 | 26.0 | 390 | <0.01 | - | <0.01 | 0.01 | |
| E502334 (5641694) | 0.74 | 0.02 | 27.0 | 550 | 0.01 | - | 0.02 | 0.01 | |
| E502335 (5641695) | 0.86 | 0.01 | 27.2 | 810 | <0.01 | - | <0.01 | <0.01 | |
| E502336 (5641696) | 0.38 | <0.01 | 22.4 | 350 | 0.01 | - | <0.01 | <0.01 | |
| E502337 (5641697) | 0.44 | 0.13 | 25.0 | 410 | 0.04 | - | 0.06 | 0.22 | |
| E502338 (5641698) | 0.96 | <0.01 | 32.9 | 890 | <0.01 | - | <0.01 | <0.01 | |
| E502339 (5641699) | 0.72 | <0.01 | 25.1 | 660 | <0.01 | - | <0.01 | <0.01 | |
| E502340 (5641700) | 0.48 | 0.01 | 14.7 | 390 | <0.01 | - | 0.01 | <0.01 | |
| E502341 (5641701) | 0.82 | <0.01 | 28.9 | 770 | <0.01 | - | <0.01 | <0.01 | |
| E502342 (5641702) | 0.72 | 0.02 | 29.7 | 660 | <0.01 | - | 0.02 | 0.02 | |
| E502343 (5641703) | 0.74 | 0.01 | 27.0 | 680 | <0.01 | - | <0.01 | 0.01 | |
| E502344 (5641704) | 0.78 | 0.01 | 27.9 | 730 | <0.01 | - | <0.01 | <0.01 | |
| E502345 (5641705) | 0.78 | <0.01 | 28.0 | 720 | <0.01 | - | <0.01 | <0.01 | |
| E502346 (5641706) | 0.78 | 0.01 | 30.0 | 700 | <0.01 | - | <0.01 | <0.01 | |
| E502347 (5641707) | 0.76 | 0.13 | 29.8 | 360 | 0.04 | - | 0.25 | 0.02 | |
| E502348 (5641708) | 0.40 | 0.02 | 19.2 | 320 | 0.02 | - | 0.03 | <0.01 | |
| E502349 (5641709) | 0.36 | <0.01 | 22.2 | 390 | <0.01 | - | <0.01 | <0.01 | |
| E502350 (5641710) | 0.44 | 0.05 | 25.3 | 480 | 0.03 | - | 0.05 | 0.05 | |
| E502351 (5641711) | 0.42 | 0.01 | 25.8 | 350 | <0.01 | - | <0.01 | 0.01 | |
| E502352 (5641712) | 0.38 | <0.01 | 25.6 | 610 | <0.01 | - | <0.01 | <0.01 | |
| E502353 (5641713) | 0.70 | 0.07 | 28.7 | 370 | 0.02 | - | 0.07 | 0.07 | |
| E502354 (5641714) | 0.42 | 0.01 | 25.6 | 330 | 0.02 | - | <0.01 | <0.01 | |
| E502355 (5641715) | 0.38 | 0.01 | 25.3 | 330 | 0.02 | - | <0.01 | 0.01 | |
| E502356 (5641716) | 0.50 | 0.15 | 25.5 | 440 | 0.03 | - | 0.11 | 0.20 | |
| E502357 (5641717) | 0.42 | 0.01 | 25.4 | 390 | <0.01 | - | 0.02 | <0.01 | |
| E502358 (5641718) | 0.42 | 0.09 | 25.5 | 500 | 0.69 | - | 0.09 | 0.02 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U870748
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

DATE SAMPLED: Aug 01, 2014 | DATE RECEIVED: Jul 31, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502359 (5641719) | 0.42 | 0.01 | 25.3 | 490 | 0.01 | - | 0.02 | <0.01 | |
| E502360 (5641720) | 0.06 | - | - | - | - | - | - | - | 14.9 |
| E502361 (5641721) | 0.50 | 0.10 | 25.2 | 540 | 0.07 | - | 0.10 | 0.10 | |
| E502362 (5641722) | 0.34 | 0.04 | 23.2 | 400 | 0.04 | - | 0.04 | 0.03 | |
| E502363 (5641723) | 0.34 | 0.18 | 22.1 | 310 | 0.02 | - | 0.36 | 0.03 | |
| E502364 (5641724) | 0.38 | 0.04 | 20.3 | 360 | <0.01 | - | 0.03 | 0.05 | |
| E502365 (5641725) | 0.38 | 0.03 | 22.8 | 330 | 0.05 | - | 0.04 | 0.02 | |
| E502366 (5641726) | 0.44 | 0.12 | 23.1 | 400 | 0.02 | - | 0.08 | 0.16 | |
| E502367 (5641727) | 0.68 | 0.02 | 25.1 | 590 | 0.03 | - | 0.02 | 0.02 | |
| E502368 (5641728) | 0.44 | 0.36 | 25.8 | 390 | 1.37 | - | 0.44 | 0.15 | |
| E502369 (5641729) | 0.54 | 0.03 | 25.8 | 480 | 0.02 | - | 0.05 | <0.01 | |
| E502370 (5641730) | 0.36 | 0.02 | 25.2 | 290 | <0.01 | - | 0.02 | 0.04 | |
| E502371 (5641731) | 0.72 | 0.25 | 25.3 | 650 | 0.22 | - | 0.24 | 0.25 | |
| E502372 (5641732) | 0.68 | 0.01 | 25.4 | 620 | <0.01 | - | 0.01 | <0.01 | |
| E502373 (5641733) | 0.38 | 0.11 | 25.5 | 340 | 0.13 | - | 0.11 | 0.11 | |
| E502374 (5641734) | 0.48 | <0.01 | 26.0 | 430 | <0.01 | - | <0.01 | <0.01 | |
| E502375 (5641735) | 0.82 | 0.14 | 25.2 | 780 | 0.18 | - | 0.16 | 0.12 | |
| E502376 (5641736) | 0.76 | 1.69 | 27.5 | 690 | 1.43 | - | 1.68 | 1.72 | |
| E502377 (5641737) | 0.82 | 0.02 | 28.2 | 770 | 0.33 | - | <0.01 | 0.02 | |
| E502378 (5641738) | 0.80 | 0.04 | 26.8 | 750 | 0.87 | - | <0.01 | <0.01 | |
| E502379 (5641739) | 0.38 | 3.39 | 27.0 | 340 | 8.55 | - | 3.34 | 2.62 | |
| E502380 (5641740) | 0.32 | 0.01 | 27.9 | 269 | <0.01 | - | 0.01 | 0.01 | |
| E502381 (5641741) | 0.42 | 0.33 | 26.2 | 380 | 1.38 | - | 0.17 | 0.35 | |
| E502382 (5641742) | 0.42 | 0.88 | 25.2 | 390 | 1.93 | - | 0.60 | 1.03 | |
| E502383 (5641743) | 0.38 | 0.26 | 24.4 | 500 | 0.26 | - | 0.26 | 0.26 | |
| E502384 (5641744) | 0.86 | 0.07 | 49.3 | 800 | 0.54 | 0.716 | 0.07 | <0.01 | |
| E502385 (5641745) | 0.78 | 0.05 | 38.8 | 750 | 0.06 | - | 0.03 | 0.06 | |
| E502386 (5641746) | 0.76 | 0.06 | 25.5 | 660 | 0.01 | - | 0.06 | 0.06 | |
| E502387 (5641747) | 0.66 | 0.09 | 24.8 | 610 | 0.02 | - | 0.09 | 0.11 | |
| E502388 (5641748) | 0.80 | 0.12 | 25.9 | 740 | 0.23 | - | 0.18 | 0.05 | |
| E502389 (5641749) | 0.38 | 0.06 | 25.2 | 340 | 0.08 | - | 0.04 | 0.09 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U870748
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

DATE SAMPLED: Aug 01, 2014 | DATE RECEIVED: Jul 31, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502390 (5641750) | 0.38 | 0.29 | 26.1 | 330 | 0.14 | - | 0.21 | 0.39 | |
| E502391 (5641751) | 0.40 | 0.05 | 25.7 | 360 | 0.05 | - | 0.05 | 0.04 | |
| E502392 (5641752) | 0.38 | 0.04 | 25.9 | 350 | 0.03 | - | 0.05 | 0.03 | |
| E502462 (5641753) | 0.42 | 0.04 | 26.9 | 390 | 0.02 | - | 0.05 | 0.04 | |
| E502463 (5641754) | 0.36 | 0.05 | 25.8 | 340 | 0.04 | - | 0.05 | 0.05 | |
| E502464 (5641755) | 0.38 | 0.04 | 26.2 | 360 | 0.04 | - | 0.01 | 0.06 | |
| E502465 (5641756) | 0.36 | 0.02 | 25.3 | 340 | 0.02 | - | 0.04 | <0.01 | |
| E502466 (5641757) | 0.46 | 0.01 | 24.6 | 360 | 0.04 | - | <0.01 | <0.01 | |
| E502467 (5641758) | 0.44 | 0.70 | 26.3 | 420 | 0.47 | - | 1.14 | 0.29 | |
| E502468 (5641759) | 0.40 | 0.09 | 25.9 | 380 | 0.01 | - | 0.11 | 0.08 | |
| E502469 (5641760) | 0.36 | 0.03 | 25.1 | 330 | 0.02 | - | 0.05 | 0.02 | |
| E502470 (5641761) | 0.40 | 0.09 | 25.3 | 380 | 0.06 | - | 0.03 | 0.16 | |
| E502471 (5641762) | 0.40 | 0.13 | 26.1 | 370 | 0.07 | - | 0.07 | 0.21 | |
| E502472 (5641763) | 0.34 | 0.07 | 25.7 | 290 | 0.08 | - | 0.07 | 0.07 | |
| E502473 (5641764) | 0.34 | 0.02 | 25.8 | 320 | 0.05 | - | <0.01 | 0.03 | |
| E502474 (5641765) | 0.36 | 0.06 | 25.9 | 320 | <0.01 | - | 0.13 | <0.01 | |
| E502475 (5641766) | 0.34 | 0.04 | 24.8 | 310 | 0.04 | - | 0.04 | 0.04 | |
| E502476 (5641767) | 0.42 | 0.01 | 24.5 | 370 | <0.01 | - | 0.02 | 0.01 | |
| E502477 (5641768) | 0.42 | 0.04 | 26.2 | 360 | 0.02 | - | 0.02 | 0.06 | |
| E502478 (5641769) | 0.36 | 0.01 | 25.6 | 340 | <0.01 | - | <0.01 | 0.01 | |
| E502479 (5641770) | 0.50 | 0.01 | 25.5 | 520 | 0.01 | - | 0.02 | 0.01 | |
| E502480 (5641771) | 0.08 | - | - | - | - | - | - | - | 2.45 |
| E502481 (5641772) | 0.36 | 0.02 | 25.8 | 330 | 0.02 | - | 0.02 | 0.02 | |
| E502482 (5641773) | 0.38 | 0.04 | 25.3 | 390 | 0.03 | - | 0.03 | 0.05 | |
| E502483 (5641774) | 0.38 | 0.01 | 24.6 | 360 | <0.01 | - | 0.02 | 0.01 | |
| E502484 (5641775) | 0.44 | 0.05 | 25.9 | 380 | <0.01 | - | 0.09 | 0.02 | |
| E502485 (5641776) | 0.40 | 0.02 | 24.1 | 380 | <0.01 | - | 0.04 | 0.01 | |
| E502486 (5641777) | 0.42 | 0.02 | 20.5 | 390 | 0.02 | - | 0.01 | 0.03 | |
| E502487 (5641778) | 0.32 | 0.08 | 24.9 | 300 | 0.04 | - | 0.09 | 0.08 | |
| E502488 (5641779) | 0.48 | 0.07 | 22.7 | 450 | 0.02 | - | 0.03 | 0.11 | |
| E502489 (5641780) | 0.40 | 0.50 | 21.5 | 380 | 0.04 | - | 0.35 | 0.71 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U870748
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

DATE SAMPLED: Aug 01, 2014 | DATE RECEIVED: Jul 31, 2014 | DATE REPORTED: Aug 06, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Metallic Gold | Plus (+) Fraction Weight | Minus (-) Fraction Weight | Au Assay (+) Fraction 1 | Au Assay (+) Fraction 2 | Au Assay (-) Fraction 1 | Au Assay (-) Fraction 2 | Au |
|---|---|---|---|---|---|---|---|---|---|
| Unit: | kg | g/t | g | g | g/t | g/t | g/t | g/t | g/t |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 |
| E502490 (5641781) | 0.38 | 0.09 | 23.3 | 340 | 0.08 | - | 0.11 | 0.07 | |
| E502491 (5641782) | 0.42 | 0.11 | 23.1 | 410 | 0.13 | - | 0.11 | 0.10 | |
| E502492 (5641783) | 0.38 | 0.03 | 23.5 | 370 | 0.03 | - | 0.03 | 0.03 | |
| E502493 (5641784) | 0.40 | 0.03 | 25.2 | 380 | 0.03 | - | 0.019 | 0.037 | |
| E502494 (5641785) | 0.94 | 0.06 | 41.0 | 870 | 0.07 | 0.03 | 0.06 | 0.06 | |
| E502495 (5641786) | 0.96 | 0.03 | 49.3 | 886 | 0.04 | <0.01 | 0.05 | 0.01 | |
| E502496 (5641787) | 0.40 | 0.04 | 25.7 | 360 | 0.02 | - | 0.03 | 0.05 | |
| E502497 (5641788) | 0.44 | 0.01 | 25.9 | 390 | 0.03 | - | 0.01 | <0.01 | |
| E502498 (5641789) | 0.44 | 0.05 | 22.5 | 410 | 0.02 | - | 0.06 | 0.03 | |

Comments: RDL - Reported Detection Limit

Certified By:

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U870748

PROJECT NO:

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |
| Parameter | | | | | | | | | | | | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U870748

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-120) Fire Assay - Metallic Gold - ICP Finish

| | CRM #1 | | | | CRM #2 | | | | CRM #3 | | | | CRM #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Metallic Gold | 14.9 | 14.9 | 100% | 90% - 110% | 1.44 | 1.51 | 104% | 90% - 110% | 6.09 | 6.02 | 98% | 90% - 110% | 14.9 | 15.0 | 100% | 90% - 110% |
| | CRM #5 | | | | CRM #6 | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Metallic Gold | 6.09 | 6.42 | 105% | 90% - 110% | 1.44 | 1.52 | 105% | 90% - 110% | | | | | | | | |

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# Method Summary

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U870748

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Metallic Gold | MIN-200-12004 | | ICP/OES |
| Plus (+) Fraction Weight | MIN-200-12004 | | ICP/OES |
| Minus (-) Fraction Weight | MIN-200-12004 | | ICP/OES |
| Au Assay (+) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (+) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 1 | MIN-200-12004/12006 | | ICP/OES |
| Au Assay (-) Fraction 2 | MIN-200-12004/12006 | | ICP/OES |
| Au | MIN-200-12006 | | ICP/OES |

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CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO
101-957 CAMBRIAN HEIGHTS DR.
SUDBURY, ON P3C5S5
(705) 222-8800

ATTENTION TO: WINSTON WHYMARK

PROJECT NO:

AGAT WORK ORDER: 14U872786

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 29, 2014

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786
PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502101 (5661854) | 4.56 | 1.83 | 1.72 | 1.93 | |
| E502102 (5661855) | 3.88 | 1.46 | 1.30 | 1.61 | |
| E502103 (5661856) | 4.66 | 3.35 | 3.43 | 3.26 | |
| E502104 (5661857) | 6.48 | 2.11 | 2.00 | 2.21 | |
| E502105 (5661858) | 4.00 | 1.79 | 1.70 | 1.87 | |
| E502106 (5661859) | 4.08 | 7.12 | 6.68 | 7.55 | |
| E502107 (5661860) | 2.84 | 11.3 | 11.4 | 11.2 | 10.6 |
| E502108 (5661861) | 4.02 | 20.2 | 20.6 | 19.7 | 20.7 |
| E502109 (5661862) | 3.70 | 8.94 | 8.87 | 9.00 | |
| E502110 (5661863) | 3.92 | 7.49 | 6.72 | 8.26 | |
| E502111 (5661864) | 4.30 | 7.91 | 8.87 | 6.94 | |
| E502112 (5661865) | 3.96 | 21.3 | 21.1 | 21.5 | 20.6 |
| E502113 (5661866) | 3.34 | 18.2 | 17.6 | 18.8 | 18.2 |
| E502114 (5661867) | 2.36 | 4.26 | 4.25 | 4.26 | |
| E502115 (5661868) | 4.82 | 16.8 | 15.5 | 18.0 | 16.7 |
| E502116 (5661869) | 3.86 | 7.87 | 8.18 | 7.55 | |
| E502117 (5661870) | 4.04 | 15.4 | 15.4 | 15.4 | 14.8 |
| E502118 (5661871) | 3.94 | 15.7 | 15.8 | 15.6 | 19.5 |
| E502119 (5661872) | 3.22 | 3.73 | 3.88 | 3.57 | 3.48 |
| E502120 (5661873) | 0.08 | 2.23 | 2.23 | - | |
| E502121 (5661874) | 3.64 | 6.15 | 5.79 | 6.50 | |
| E502122 (5661875) | 3.86 | 16.3 | 16.9 | 15.6 | 15.3 |
| E502123 (5661876) | 3.18 | 7.82 | 6.70 | 8.94 | |
| E502124 (5661877) | 3.14 | 2.66 | 2.62 | 2.70 | |
| E502125 (5661878) | 3.50 | 2.91 | 2.89 | 2.92 | |
| E502126 (5661879) | 2.76 | 13.6 | 13.0 | 14.1 | 14.2 |
| E502127 (5661880) | 3.30 | 14.0 | 13.9 | 14.0 | 13.1 |
| E502128 (5661881) | 4.02 | 12.0 | 11.1 | 12.9 | 12.9 |
| E502129 (5661882) | 4.34 | 9.72 | 8.73 | 10.7 | |
| E502130 (5661883) | 2.80 | 8.48 | 8.53 | 8.42 | |
| E502131 (5661884) | 3.52 | 10.9 | 10.9 | 10.9 | 10.1 |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502132 (5661885) | 3.00 | 8.34 | 7.90 | 8.78 | |
| E502133 (5661886) | 1.78 | 2.28 | 2.25 | 2.31 | |
| E502134 (5661887) | 3.40 | 2.34 | 2.37 | 2.31 | |
| E502135 (5661888) | 4.64 | 4.59 | 3.94 | 5.23 | |
| E502136 (5661889) | 4.46 | 4.06 | 4.09 | 4.03 | |
| E502137 (5661890) | 4.44 | 5.52 | 5.54 | 5.49 | |
| E502138 (5661891) | 2.90 | 2.08 | 2.08 | 2.07 | |
| E502139 (5661892) | 3.98 | 1.58 | 1.44 | 1.72 | |
| E502140 (5661893) | 0.58 | 0.019 | 0.018 | 0.020 | |
| E502141 (5661894) | 3.68 | 3.07 | 2.91 | 3.23 | |
| E502142 (5661896) | 4.66 | 0.801 | 0.862 | 0.739 | |
| E502143 (5661897) | 5.90 | 3.34 | 3.18 | 3.49 | |
| E502144 (5661898) | 3.64 | 1.08 | 1.06 | 1.09 | |
| E502145 (5661899) | 4.46 | 2.02 | 2.02 | 2.02 | |
| E502146 (5661900) | 4.90 | 3.10 | 3.14 | 3.05 | |
| E502147 (5661901) | 4.26 | 2.96 | 2.48 | 3.43 | |
| E502148 (5661902) | 4.40 | 1.58 | 1.63 | 1.53 | |
| E502149 (5661903) | 3.84 | 2.22 | 1.98 | 2.45 | |
| E502150 (5661904) | 4.44 | 5.74 | 6.15 | 5.33 | |
| E502151 (5661905) | 4.82 | 3.22 | 3.67 | 2.76 | |
| E502152 (5661906) | 4.64 | 1.58 | 1.50 | 1.65 | |
| E502153 (5661907) | 4.40 | 0.267 | 0.248 | 0.285 | |
| E502154 (5661908) | 4.02 | 1.11 | 1.12 | 1.10 | |
| E502155 (5661909) | 3.48 | 2.13 | 2.09 | 2.18 | |
| E502156 (5661910) | 2.98 | 3.15 | 3.06 | 3.24 | |
| E502157 (5661911) | 3.62 | 2.64 | 2.53 | 2.74 | |
| E502158 (5661912) | 4.82 | 0.881 | 0.809 | 0.952 | |
| E502159 (5661913) | 5.74 | 2.71 | 2.85 | 2.57 | |
| E502160 (5661914) | 0.08 | 15.0 | 15.0 | - | 14.6 |
| E502161 (5661915) | 5.12 | 9.23 | 9.21 | 9.25 | |
| E502162 (5661916) | 4.86 | 0.869 | 0.910 | 0.828 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502163 (5661917) | 3.94 | 1.21 | 1.32 | 1.09 | |
| E502164 (5661918) | 4.40 | 0.637 | 0.677 | 0.597 | |
| E502165 (5661919) | 4.66 | 2.25 | 2.34 | 2.15 | |
| E502166 (5661920) | 3.46 | 5.32 | 5.41 | 5.23 | |
| E502167 (5661921) | 3.90 | 4.10 | 4.04 | 4.16 | |
| E502168 (5661922) | 3.34 | 4.37 | 4.27 | 4.47 | |
| E502169 (5661923) | 5.42 | 7.03 | 7.08 | 6.98 | |
| E502170 (5661924) | 3.38 | 5.73 | 5.78 | 5.68 | |
| E502171 (5661925) | 4.12 | 0.799 | 0.834 | 0.763 | |
| E502172 (5661926) | 3.20 | 0.299 | 0.246 | 0.352 | |
| E502173 (5661927) | 3.30 | 0.332 | 0.258 | 0.405 | |
| E502174 (5661928) | 3.74 | 0.458 | 0.121 | 0.795 | |
| E502175 (5661929) | 3.00 | 0.052 | 0.048 | 0.056 | |
| E502176 (5661930) | 3.52 | 0.511 | 0.762 | 0.261 | |
| E502177 (5661931) | 5.10 | 0.167 | 0.152 | 0.181 | |
| E502178 (5661932) | 5.18 | 0.885 | 0.934 | 0.835 | |
| E502179 (5661933) | 4.16 | 0.065 | 0.053 | 0.077 | |
| E502180 (5661934) | 0.50 | 0.003 | <0.002 | 0.003 | |
| E502181 (5661935) | 5.10 | 2.93 | 3.12 | 2.74 | |
| E502182 (5661936) | 4.10 | 12.3 | 11.5 | 13.0 | 12.8 |
| E502183 (5661937) | 4.08 | 21.0 | 21.7 | 20.3 | 19.0 |
| E502184 (5661938) | 4.28 | 2.48 | 2.55 | 2.40 | |
| E502185 (5661939) | 3.52 | 19.1 | 19.0 | 19.2 | 18.3 |
| E502186 (5661940) | 4.04 | 19.8 | 19.6 | 19.9 | 18.1 |
| E502187 (5661941) | 3.20 | 22.9 | 22.5 | 23.3 | 24.2 |
| E502188 (5661942) | 3.58 | 20.7 | 21.1 | 20.2 | 23.2 |
| E502189 (5661943) | 4.20 | 5.11 | 4.92 | 5.30 | |
| E502190 (5661944) | 1.66 | 8.83 | 8.53 | 9.13 | |
| E502191 (5661945) | 3.24 | 4.29 | 3.73 | 4.85 | |
| E502192 (5661946) | 3.16 | 16.8 | 19.6 | 13.9 | 18.5 |
| E502193 (5661947) | 3.10 | 10.9 | 10.7 | 11.0 | 10.1 |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502194 (5661948) | 2.82 | 13.7 | 14.0 | 13.4 | 12.6 |
| E502201 (5661949) | 4.72 | 0.472 | 0.462 | 0.482 | |
| E502202 (5661950) | 6.06 | 0.466 | 0.488 | 0.443 | |
| E502203 (5661951) | 5.18 | 0.364 | 0.369 | 0.358 | |
| E502204 (5661952) | 4.20 | 0.193 | 0.188 | 0.197 | |
| E502205 (5661953) | 4.74 | 0.138 | 0.120 | 0.155 | |
| E502206 (5661954) | 4.88 | 0.807 | 0.848 | 0.766 | |
| E502207 (5661955) | 3.34 | 0.336 | 0.373 | 0.298 | |
| E502208 (5661956) | 3.46 | 0.374 | 0.348 | 0.400 | |
| E502209 (5661957) | 3.74 | 0.154 | 0.151 | 0.157 | |
| E502210 (5661958) | 3.74 | 0.060 | 0.062 | 0.057 | |
| E502211 (5661959) | 4.06 | 0.068 | 0.062 | 0.074 | |
| E502212 (5661960) | 3.80 | 0.031 | 0.024 | 0.038 | |
| E502213 (5661961) | 4.16 | 0.242 | 0.226 | 0.258 | |
| E502214 (5661962) | 4.38 | 0.106 | 0.102 | 0.110 | |
| E502215 (5661963) | 3.94 | 0.516 | 0.492 | 0.540 | |
| E502216 (5661964) | 4.60 | 1.05 | 1.13 | 0.973 | |
| E502217 (5661965) | 4.72 | 0.265 | 0.276 | 0.253 | |
| E502218 (5661966) | 3.22 | 0.036 | 0.036 | 0.036 | |
| E502219 (5661967) | 4.06 | 0.038 | 0.020 | 0.056 | |
| E502220 (5661968) | 0.24 | 0.030 | 0.008 | 0.051 | |
| E502221 (5661969) | 3.90 | 0.168 | 0.261 | 0.075 | |
| E502222 (5661970) | 1.98 | 0.027 | 0.027 | 0.026 | |
| E502223 (5661971) | 2.84 | 0.111 | 0.123 | 0.098 | |
| E502224 (5661972) | 2.54 | 0.235 | 0.269 | 0.201 | |
| E502225 (5661973) | 2.52 | 0.430 | 0.528 | 0.332 | |
| E502226 (5661974) | 2.70 | 0.254 | 0.264 | 0.244 | |
| E502227 (5661975) | 3.70 | 0.962 | 0.956 | 0.968 | |
| E502228 (5661976) | 3.36 | 2.13 | 2.22 | 2.04 | |
| E502229 (5661977) | 3.16 | 5.87 | 5.46 | 6.27 | |
| E502230 (5661978) | 2.88 | 4.82 | 4.40 | 5.24 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502231 (5661979) | 2.94 | 11.1 | 11.1 | 11.0 | 12.1 |
| E502232 (5661980) | 3.88 | 7.77 | 8.48 | 7.06 | |
| E502233 (5661981) | 3.02 | 6.30 | 5.94 | 6.66 | |
| E502234 (5661982) | 3.28 | 4.74 | 5.59 | 3.89 | |
| E502235 (5661983) | 4.88 | 6.17 | 6.14 | 6.19 | |
| E502236 (5661985) | 5.04 | 4.25 | 3.66 | 4.83 | |
| E502237 (5661986) | 3.60 | 1.57 | 1.82 | 1.32 | |
| E502238 (5661987) | 3.94 | 0.371 | 0.406 | 0.335 | |
| E502239 (5661988) | 4.58 | 0.124 | 0.126 | 0.121 | |
| E502240 (5661989) | 0.08 | 0.434 | 0.434 | - | |
| E502241 (5661990) | 4.42 | 0.157 | 0.155 | 0.159 | |
| E502242 (5661991) | 3.86 | 0.481 | 0.485 | 0.476 | |
| E502243 (5661992) | 3.96 | 0.368 | 0.510 | 0.225 | |
| E502244 (5661993) | 3.58 | 0.192 | 0.201 | 0.182 | |
| E502245 (5661994) | 3.42 | 0.230 | 0.315 | 0.145 | |
| E502421 (5661995) | 0.34 | 0.006 | 0.007 | 0.004 | |
| E502422 (5661996) | 0.36 | 0.023 | 0.025 | 0.020 | |
| E502423 (5661997) | 0.48 | 0.032 | 0.023 | 0.041 | |
| E502424 (5661998) | 0.44 | 0.015 | 0.012 | 0.018 | |
| E502425 (5661999) | 0.24 | 0.029 | 0.026 | 0.031 | |
| E502426 (5662000) | 0.36 | 0.093 | 0.080 | 0.105 | |
| E502427 (5662001) | 0.74 | 0.200 | 0.211 | 0.189 | |
| E502428 (5662002) | 1.36 | 0.019 | 0.020 | 0.018 | |
| E502429 (5662003) | 0.78 | 0.016 | 0.014 | 0.018 | |
| E502430 (5662004) | 0.90 | <0.002 | <0.002 | <0.002 | |
| E502431 (5662005) | 0.84 | 0.012 | 0.012 | 0.011 | |
| E502432 (5662006) | 0.84 | 0.041 | 0.039 | 0.042 | |
| E502433 (5662007) | 0.52 | 0.278 | 0.261 | 0.295 | |
| E502434 (5662008) | 0.40 | 0.113 | 0.108 | 0.117 | |
| E502435 (5662009) | 0.38 | 0.116 | 0.115 | 0.117 | |
| E502436 (5662010) | 0.42 | 0.109 | 0.103 | 0.114 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502437 (5662011) | 0.56 | 0.071 | 0.080 | 0.061 | |
| E502438 (5662012) | 0.60 | 0.041 | 0.038 | 0.043 | |
| E502439 (5662013) | 0.56 | 0.030 | 0.019 | 0.040 | |
| E502440 (5662014) | 0.08 | 14.7 | 14.7 | - | 15.4 |
| E502441 (5662015) | 0.54 | 0.100 | 0.115 | 0.085 | |
| E502442 (5662016) | 0.48 | 0.008 | 0.009 | 0.007 | |
| E502443 (5662017) | 0.78 | 0.054 | 0.077 | 0.030 | |
| E502444 (5662018) | 0.28 | <0.002 | <0.002 | <0.002 | |
| E502445 (5662019) | 0.46 | 0.004 | <0.002 | 0.004 | |
| E502446 (5662020) | 0.44 | 0.028 | 0.034 | 0.021 | |
| E502447 (5662021) | 0.62 | 0.042 | 0.035 | 0.048 | |
| E502448 (5662022) | 0.40 | 0.005 | 0.005 | 0.004 | |
| E502449 (5662023) | 0.60 | <0.002 | <0.002 | <0.002 | |
| E502450 (5662024) | 0.36 | 0.018 | 0.014 | 0.021 | |
| E502451 (5662025) | 0.42 | 0.029 | 0.049 | 0.009 | |
| E502452 (5662026) | 0.46 | 0.008 | 0.011 | 0.004 | |
| E502453 (5662027) | 0.42 | 0.021 | 0.023 | 0.018 | |
| E502454 (5662028) | 0.44 | 0.050 | 0.040 | 0.060 | |
| E502455 (5662029) | 0.38 | 0.020 | 0.023 | 0.016 | |
| E502456 (5662030) | 0.28 | 0.036 | 0.035 | 0.036 | |
| E502457 (5662031) | 0.56 | 0.047 | 0.047 | 0.047 | |
| E502458 (5662032) | 0.42 | 0.033 | 0.035 | 0.030 | |
| E502459 (5662033) | 0.52 | 0.133 | 0.122 | 0.144 | |
| E502460 (5662034) | 0.34 | <0.002 | <0.002 | <0.002 | |
| E502461 (5662035) | 0.40 | 0.657 | 0.475 | 0.838 | |
| E502393 (5662036) | 0.68 | 0.073 | 0.058 | 0.088 | |
| E502394 (5662037) | 0.46 | 0.023 | 0.024 | 0.021 | |
| E502395 (5662038) | 0.40 | 0.026 | 0.032 | 0.020 | |
| E502396 (5662039) | 0.54 | 0.048 | 0.049 | 0.046 | |
| E502397 (5662040) | 0.48 | 0.455 | 0.233 | 0.676 | |
| E502398 (5662041) | 0.50 | 0.016 | 0.016 | 0.016 | |

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# Certificate of Analysis

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

DATE SAMPLED: Aug 07, 2014 | DATE RECEIVED: Aug 07, 2014 | DATE REPORTED: Aug 29, 2014 | SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Average Gold | Au_1 | Au_2 | Au-GRAV |
|---|---|---|---|---|---|
| Unit: | kg | ppm | ppm | ppm | ppm |
| Sample ID (AGAT ID) RDL: | 0.01 | 0.002 | 0.002 | 0.002 | 0.05 |
| E502399 (5662042) | 0.36 | 0.021 | 0.023 | 0.018 | |
| E502400 (5662043) | 0.06 | 0.426 | 0.426 | - | |
| E502401 (5662044) | 0.38 | 0.045 | 0.046 | 0.043 | |
| E502402 (5662045) | 0.46 | 0.057 | 0.051 | 0.062 | |
| E502403 (5662046) | 0.38 | 0.078 | 0.082 | 0.073 | |
| E502404 (5662047) | 0.56 | 0.038 | 0.035 | 0.041 | |
| E502405 (5662048) | 0.44 | 0.007 | 0.007 | 0.006 | |
| E502406 (5662049) | 0.36 | 0.122 | 0.126 | 0.118 | |
| E502407 (5662050) | 0.48 | 0.012 | 0.007 | 0.016 | |
| E502408 (5662051) | 0.36 | 0.044 | 0.032 | 0.055 | |
| E502409 (5662052) | 0.48 | 0.016 | 0.013 | 0.019 | |
| E502410 (5662053) | 0.42 | 0.013 | 0.013 | 0.013 | |
| E502411 (5662054) | 0.44 | 0.116 | 0.130 | 0.102 | |
| E502412 (5662055) | 0.48 | 0.082 | 0.082 | 0.082 | |
| E502413 (5662056) | 0.36 | 0.009 | 0.005 | 0.013 | |
| E502414 (5662057) | 0.46 | 0.009 | 0.007 | 0.011 | |
| E502415 (5662058) | 0.50 | 0.216 | 0.307 | 0.125 | |
| E502416 (5662059) | 0.40 | 0.060 | 0.045 | 0.075 | |
| E502417 (5662060) | 0.46 | 0.003 | 0.002 | 0.003 | |
| E502418 (5662061) | 0.46 | 0.012 | 0.012 | <0.002 | |
| E502419 (5662062) | 0.48 | 0.316 | 0.217 | 0.414 | |
| E502420 (5662063) | 0.26 | 0.004 | 0.004 | <0.002 | |
| E502500 (5666330) | 0.70 | <0.002 | <0.002 | <0.002 | |

Comments: RDL - Reported Detection Limit

Certified By:

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661932 | 0.934 | 0.835 | 11.2% | 5661933 | 0.053 | 0.077 | | 5661934 | < 0.002 | 0.003 | | 5661935 | 3.12 | 2.74 | 13.0% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661936 | 11.5 | 13.0 | 12.2% | 5661937 | 21.7 | 20.3 | 6.7% | 5661938 | 2.55 | 2.40 | 6.1% | 5661939 | 19.0 | 19.2 | 1.0% |
| | REPLICATE #9 | | | | REPLICATE #10 | | | | REPLICATE #11 | | | | REPLICATE #12 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661940 | 19.6 | 19.9 | 1.5% | 5661941 | 22.5 | 23.3 | 3.5% | 5661942 | 21.1 | 20.2 | 4.4% | 5661943 | 4.92 | 5.30 | 7.4% |
| | REPLICATE #13 | | | | REPLICATE #14 | | | | REPLICATE #15 | | | | REPLICATE #16 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661944 | 8.53 | 9.13 | 6.8% | 5661945 | 3.73 | 4.85 | 26.1% | 5661946 | 19.6 | 13.9 | | 5661947 | 10.7 | 11.0 | 2.8% |
| | REPLICATE #17 | | | | REPLICATE #18 | | | | REPLICATE #19 | | | | REPLICATE #20 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661948 | 14.0 | 13.4 | 4.4% | 5661949 | 0.462 | 0.482 | 4.2% | 5661950 | 0.488 | 0.443 | 9.7% | 5661951 | 0.369 | 0.358 | 3.0% |
| | REPLICATE #21 | | | | REPLICATE #22 | | | | REPLICATE #23 | | | | REPLICATE #24 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661952 | 0.188 | 0.197 | 4.7% | 5661953 | 0.120 | 0.155 | 25.5% | 5661954 | 0.848 | 0.766 | 10.2% | 5661955 | 0.373 | 0.298 | 22.4% |
| | REPLICATE #25 | | | | REPLICATE #26 | | | | REPLICATE #27 | | | | REPLICATE #28 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661956 | 0.348 | 0.400 | 13.9% | 5661957 | 0.151 | 0.157 | 3.9% | 5661958 | 0.062 | 0.057 | 8.4% | 5661959 | 0.062 | 0.074 | 17.6% |
| Au-GRAV | | | | | | | | | | | | | 5661881 | 12.9 | 12.0 | 7.2% |
| | REPLICATE #29 | | | | REPLICATE #30 | | | | REPLICATE #31 | | | | REPLICATE #32 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661960 | 0.024 | 0.038 | | 5661961 | 0.226 | 0.258 | 13.2% | 5661962 | 0.102 | 0.110 | 7.5% | 5661963 | 0.492 | 0.540 | 9.3% |
| | REPLICATE #33 | | | | REPLICATE #34 | | | | REPLICATE #35 | | | | REPLICATE #36 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661964 | 1.13 | 0.973 | 14.9% | 5661965 | 0.276 | 0.253 | 8.7% | 5661966 | 0.036 | 0.036 | 0.0% | 5661967 | 0.020 | 0.056 | |
| | REPLICATE #37 | | | | REPLICATE #38 | | | | REPLICATE #39 | | | | REPLICATE #40 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661968 | 0.008 | 0.051 | | 5661969 | 0.261 | 0.075 | | 5661970 | 0.0266 | 0.0261 | 1.9% | 5661971 | 0.123 | 0.0983 | 22.3% |
| | REPLICATE #41 | | | | REPLICATE #42 | | | | REPLICATE #43 | | | | REPLICATE #44 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Au_1 | 5661972 | 0.269 | 0.201 | 28.9% | 5661973 | 0.528 | 0.332 | | 5661974 | 0.264 | 0.244 | 7.9% | 5661975 | 0.956 | 0.968 | 1.2% |
| | REPLICATE #45 | | | | REPLICATE #46 | | | | REPLICATE #47 | | | | REPLICATE #48 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661976 | 2.22 | 2.04 | 8.5% | 5661977 | 5.46 | 6.27 | 13.8% | 5661978 | 4.40 | 5.24 | 17.4% | 5661979 | 11.1 | 11.0 | 0.9% |
| | REPLICATE #49 | | | | REPLICATE #50 | | | | REPLICATE #51 | | | | REPLICATE #52 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661980 | 8.48 | 7.06 | 18.3% | 5661981 | 5.94 | 6.66 | 11.4% | 5661982 | 5.59 | 3.89 | | 5661983 | 6.14 | 6.19 | 0.8% |
| | REPLICATE #53 | | | | REPLICATE #54 | | | | REPLICATE #55 | | | | REPLICATE #56 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661985 | 3.66 | 4.83 | 27.6% | 5661986 | 1.82 | 1.32 | | 5661987 | 0.406 | 0.335 | 19.2% | 5661988 | 0.126 | 0.121 | 4.0% |
| | REPLICATE #57 | | | | REPLICATE #58 | | | | REPLICATE #59 | | | | REPLICATE #60 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661990 | 0.155 | 0.159 | 2.5% | 5661991 | 0.485 | 0.476 | 1.9% | 5661992 | 0.510 | 0.225 | | 5661993 | 0.201 | 0.182 | 9.9% |
| | REPLICATE #61 | | | | REPLICATE #62 | | | | REPLICATE #63 | | | | REPLICATE #64 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661994 | 0.315 | 0.145 | | 5661995 | 0.007 | 0.004 | | 5661996 | 0.0247 | 0.0201 | 20.5% | 5661997 | 0.023 | 0.041 | |
| | REPLICATE #65 | | | | REPLICATE #66 | | | | REPLICATE #67 | | | | REPLICATE #68 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5661998 | 0.012 | 0.018 | | 5661999 | 0.0263 | 0.0306 | 15.1% | 5662000 | 0.080 | 0.105 | 27.0% | 5662001 | 0.211 | 0.189 | 11.0% |
| | REPLICATE #69 | | | | REPLICATE #70 | | | | REPLICATE #71 | | | | REPLICATE #72 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662002 | 0.020 | 0.018 | 10.5% | 5662003 | 0.014 | 0.018 | 25.0% | 5662004 | < 0.002 | < 0.002 | 0.0% | 5662005 | 0.0117 | 0.0114 | 2.6% |
| | REPLICATE #73 | | | | REPLICATE #74 | | | | REPLICATE #75 | | | | REPLICATE #76 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662006 | 0.0392 | 0.0416 | 5.9% | 5662007 | 0.261 | 0.295 | 12.2% | 5662008 | 0.108 | 0.117 | 8.0% | 5662009 | 0.115 | 0.117 | 1.7% |
| | REPLICATE #77 | | | | REPLICATE #78 | | | | REPLICATE #79 | | | | REPLICATE #80 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662010 | 0.103 | 0.114 | 10.1% | 5662011 | 0.0798 | 0.0614 | 26.1% | 5662012 | 0.038 | 0.043 | 12.3% | 5662013 | 0.019 | 0.040 | |
| | REPLICATE #81 | | | | REPLICATE #82 | | | | REPLICATE #83 | | | | REPLICATE #84 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662015 | 0.206 | 0.085 | | 5662016 | 0.009 | 0.007 | 25.0% | 5662017 | 0.077 | 0.030 | | 5662018 | < 0.002 | < 0.002 | 0.0% |
| | REPLICATE #85 | | | | REPLICATE #86 | | | | REPLICATE #87 | | | | REPLICATE #88 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662019 | < 0.002 | 0.004 | | 5662020 | 0.034 | 0.021 | | 5662021 | 0.035 | 0.048 | | 5662022 | 0.005 | 0.004 | 22.2% |

AGAT Laboratories

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# Quality Assurance - Replicate

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

| | REPLICATE #89 | | | | REPLICATE #90 | | | | REPLICATE #91 | | | | REPLICATE #92 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662023 | < 0.002 | < 0.002 | 0.0% | 5662024 | 0.014 | 0.021 | | 5662025 | 0.049 | 0.009 | | 5662026 | 0.011 | 0.004 | |
| | REPLICATE #93 | | | | REPLICATE #94 | | | | REPLICATE #95 | | | | REPLICATE #96 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662027 | 0.023 | 0.018 | 24.4% | 5662028 | 0.040 | 0.060 | | 5662029 | 0.023 | 0.016 | | 5662030 | 0.035 | 0.036 | 2.8% |
| | REPLICATE #97 | | | | REPLICATE #98 | | | | REPLICATE #99 | | | | REPLICATE #100 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662031 | 0.047 | 0.047 | 0.0% | 5662032 | 0.0347 | 0.0300 | 14.5% | 5662033 | 0.122 | 0.144 | 16.5% | 5662034 | < 0.002 | < 0.002 | 0.0% |
| | REPLICATE #101 | | | | REPLICATE #102 | | | | REPLICATE #103 | | | | REPLICATE #104 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662035 | 0.475 | 0.838 | | 5662036 | 0.058 | 0.088 | | 5662037 | 0.0236 | 0.0213 | 10.2% | 5662038 | 0.032 | 0.020 | |
| | REPLICATE #105 | | | | REPLICATE #106 | | | | REPLICATE #107 | | | | REPLICATE #108 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662039 | 0.0489 | 0.0462 | 5.7% | 5662040 | 0.233 | 0.676 | | 5662041 | 0.016 | 0.016 | 0.0% | 5662042 | 0.0227 | 0.0178 | 24.2% |
| | REPLICATE #109 | | | | REPLICATE #110 | | | | REPLICATE #111 | | | | REPLICATE #112 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au_1 | 5662044 | 0.0462 | 0.0432 | 6.7% | 5662045 | 0.0514 | 0.0619 | 18.5% | 5662046 | 0.0817 | 0.0730 | 11.2% | 5662047 | 0.0349 | 0.0408 | 15.6% |
| | REPLICATE #113 | | | | REPLICATE #114 | | | | REPLICATE #115 | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au_1 | 5662048 | 0.007 | 0.006 | 15.4% | 5662049 | 0.126 | 0.118 | 6.6% | 5662050 | 0.007 | 0.016 | | | | | |

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# Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U872786

PROJECT NO:

CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

ATTENTION TO: WINSTON WHYMARK

## (202-551) Mt.Logan/Ginguro Fire Assay (50g) - AAS

| | CRM #1 (ref.GS6D) | | | | CRM #2 | | | | CRM #3 (ref.1P5K) | | | | CRM #4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au_1 | | | | | 0.722 | 0.714 | 98% | 90% - 110% | 1.44 | 1.57 | 109% | 90% - 110% | 6.09 | 6.02 | 98% | 90% - 110% |
| Au_2 | 6.09 | 6.36 | 104% | 90% - 110% | | | | | | | | | | | | |
| | CRM #5 (REF.GSP7J) | | | | CRM #6 (ref.1P5K) | | | | CRM #7 (ref.GSP7J) | | | | CRM #8 (ref.1P5K) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au_1 | 0.722 | 0.681 | 94% | 90% - 110% | 1.44 | 1.57 | 109% | 90% - 110% | 0.722 | 0.72 | 100% | 90% - 110% | 1.44 | 1.47 | 102% | 90% - 110% |
| | CRM #9 (ref.GS6D) | | | | CRM #10 (ref.GSP7J) | | | | CRM #11 (ref.1P5K) | | | | CRM #12 (ref.GS6D) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au_1 | 6.09 | 6.03 | 99% | 90% - 110% | 0.722 | 0.671 | 93% | 90% - 110% | 1.44 | 1.45 | 101% | 90% - 110% | 6.09 | 6.52 | 107% | 90% - 110% |
| | CRM #13 | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au-GRAV | 14.8 | 14.6 | 98% | 95% - 105% | | | | | | | | | | | | |

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# Method Summary

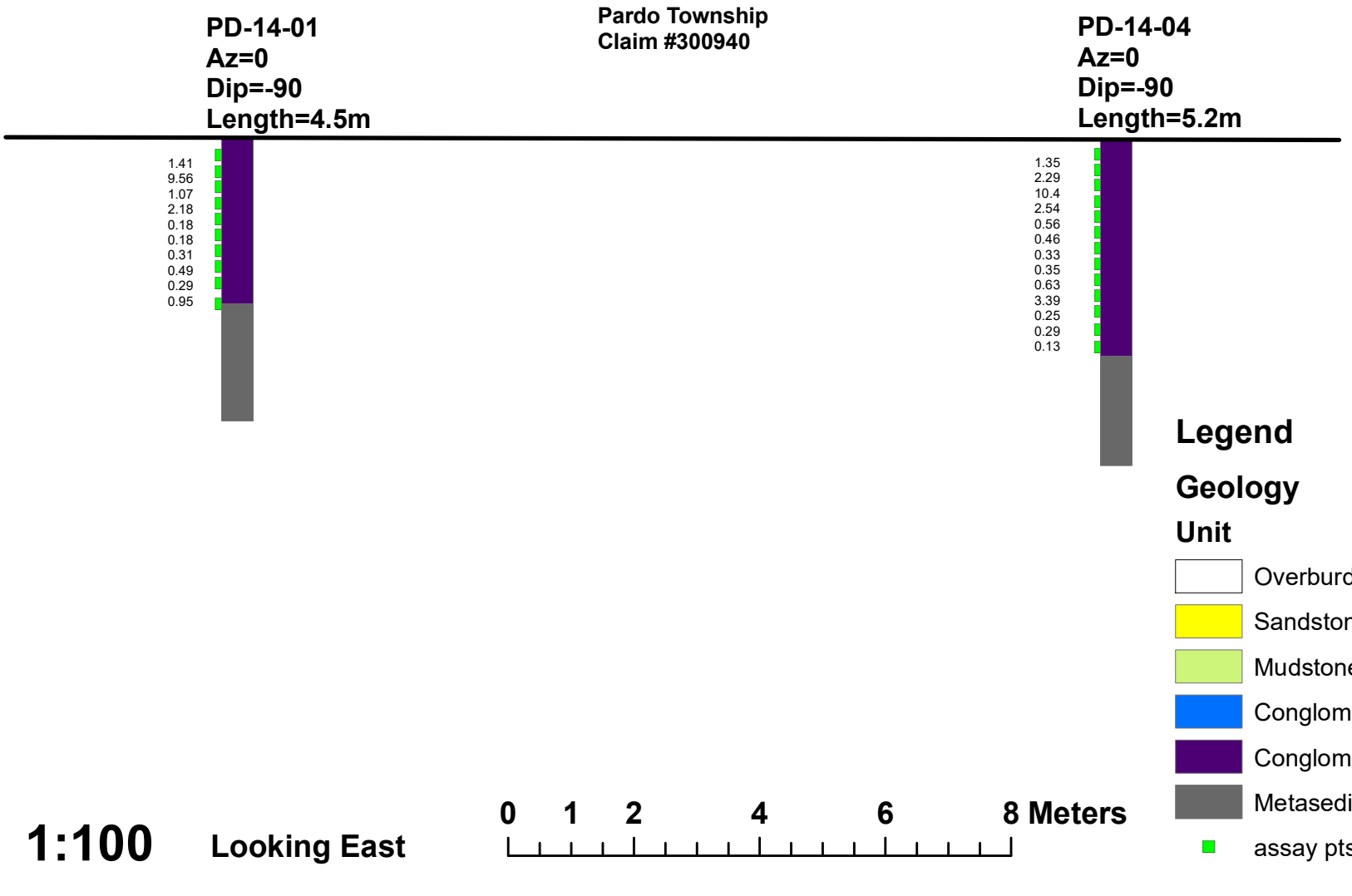
CLIENT NAME: MOUNT LOGAN RESOURCES LTD./GINGURO

AGAT WORK ORDER: 14U872786

PROJECT NO:

ATTENTION TO: WINSTON WHYMARK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Average Gold | MIN-200-12004 | | CALC |
| Au_1 | MIN-200-12019 | | AAS |
| Au_2 | MIN-200-12019 | | AAS |
| Au-GRAV | MIN-200-12004 | | GRAVIMETRIC |


PD-14-01
Az=0
Dip=-90
Length=4.5m
Pardo Township
Claim #300940
PD-14-04
Az=0
Dip=-90
Length=5.2m
1.41
9.56
1.07
2.18
0.18
0.18
0.31
0.49
0.29
0.95
1.35
2.29
10.4
2.54
0.56
0.46
0.33
0.35
0.63
3.39
0.25
0.29
0.13
Legend
Geology
Unit
Overburden
Sandstone
Mudstone
Conglomerate-M
Conglomerate-C
Metasediments
assay pts
1:100
Looking East
0 1 2 4 6 8 Meters

Pardo Township
Claim #300940

**PD-14-02**
**Az=0**
**Dip=-90**
**Length=7.5m**

0.15
0.04
0.04
0.03
0.09
4.73
0.31
2.39
0.29
4.4
0.23
0.18

**PD-14-03**
**Az=0**
**Dip=-90**
**Length=6.3m**

0.11
0.19
0.07
0.6
0.33
1.67
0.97
13.9
1.58
0.13

**Legend**

- assay pts
- Section Line

**Geology**

**Unit**

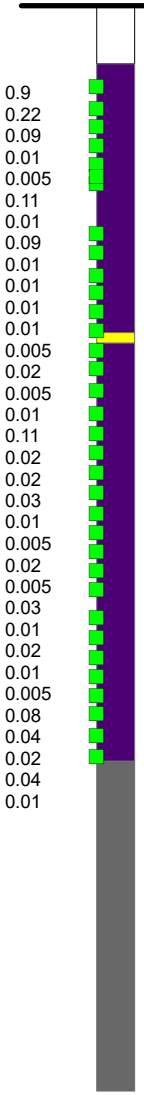
- Overburden
- Sandstone
- Mudstone
- Conglomerate-M
- Conglomerate-C
- Metasediments

**1:100** **Looking South East**

0 1 2 4 6 8 Meters

Pardo Township
Claim #300940

**PD-14-05**
**Az=0**
**Dip=-90**
**Length=14.36m**




**1:100** **Looking South East**

0 1 2 4 6 8 Meters

**Legend**

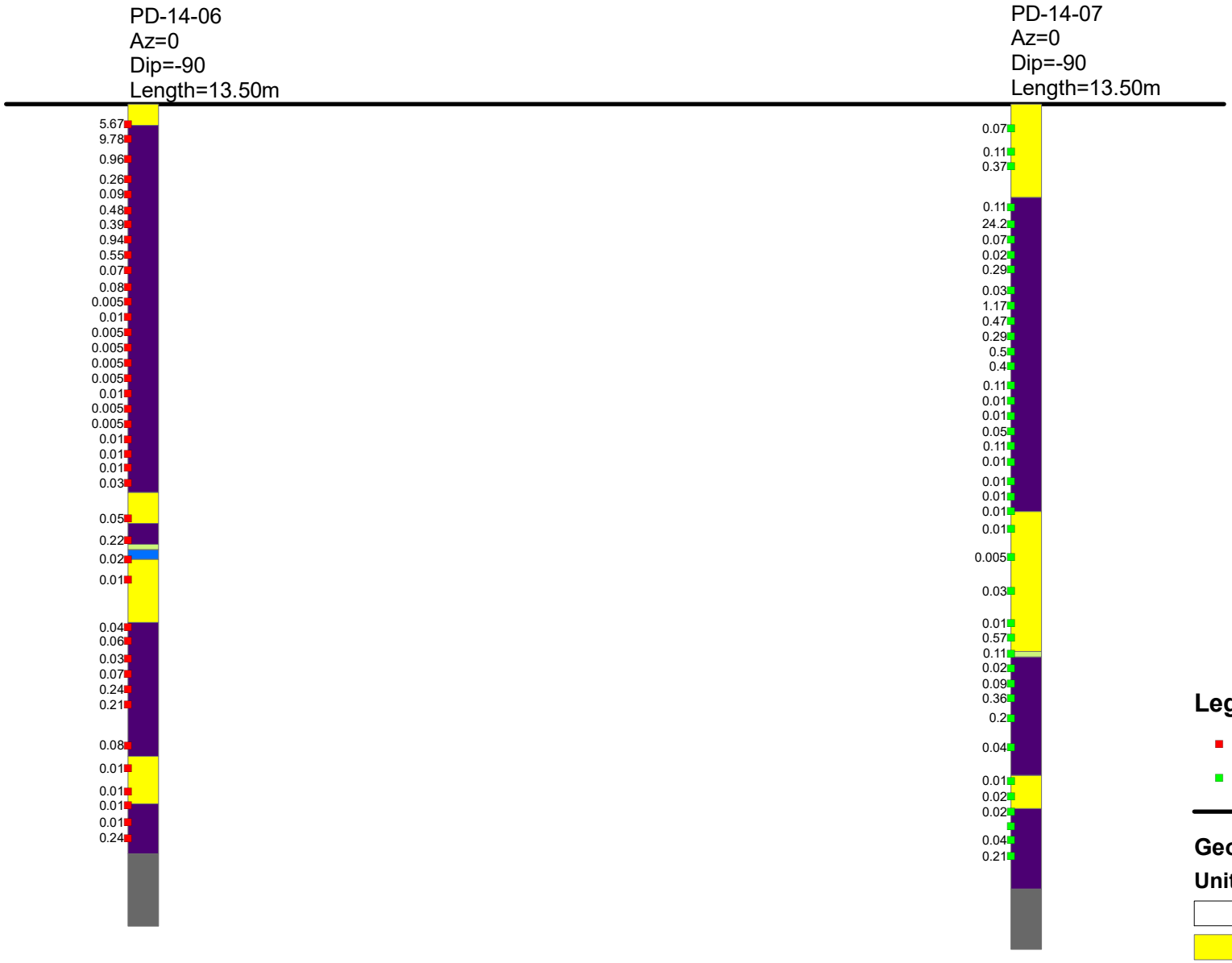
- assay pts
- Section Line

**Geology**

**Unit**

- Overburden
- Sandstone
- Mudstone
- Conglomerate-M
- Conglomerate-C
- Metasediments

**Clement Township**
**Claim #4202512**




**1:100** **Looking West**

# Clement Township
# Claim#4202512

**PD-14-08**
**Az=0**
**Dip=-90**
**Length=13.50m**

**PD-14-0**
**Az=0**
**Dip=-90**
**Length=9.14m**

**PD-14-10**
**Az=0**
**Dip=-90**
**Length=13.50m**

## Legend

- 10 Assays
- 09 Assays
- 08 Assays
- Section Line

## Geology

### Unit

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

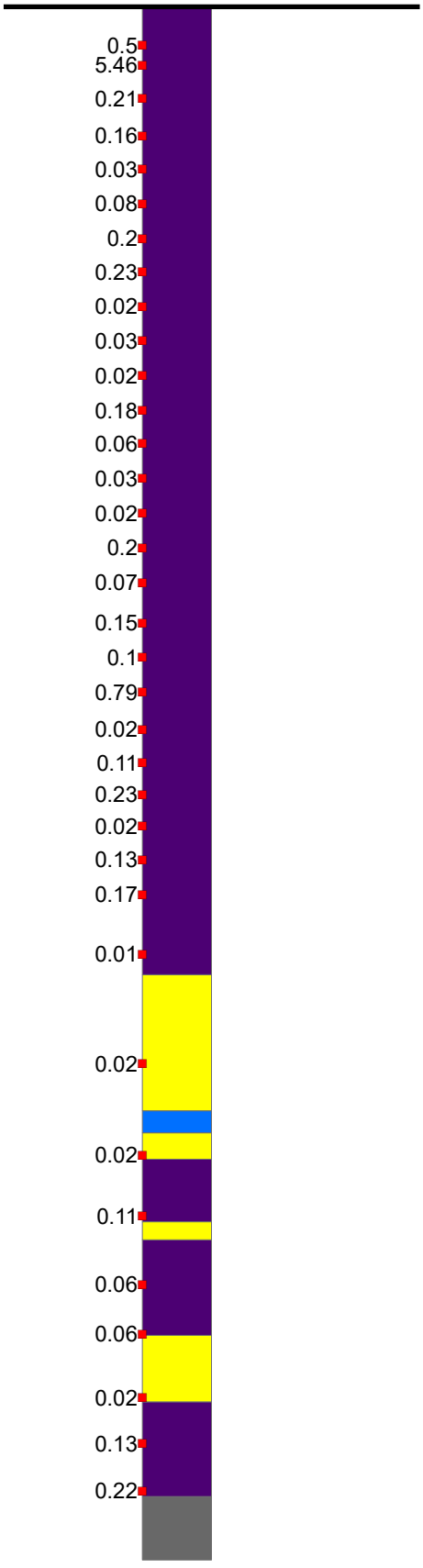
**1:200**

**Looking West**

0 2.5 5 10 15 20 Meters

**Clement Township**
**Claim#4202512**

**PD-14-11**
**Az=0**
**Dip=-90**
**Length=12.20m**




**Legend**

- 11 Assays
- Section Line

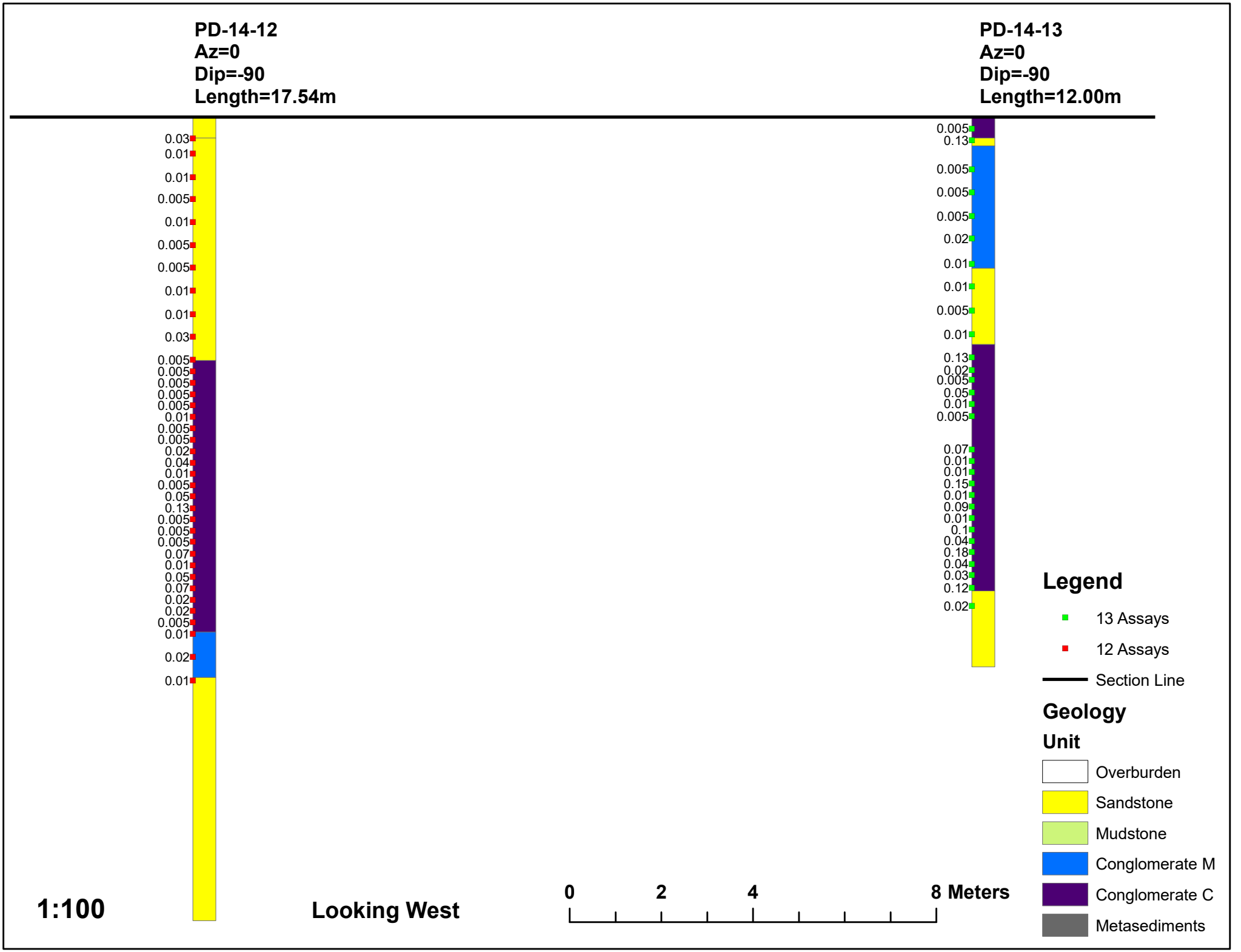
**Geology**

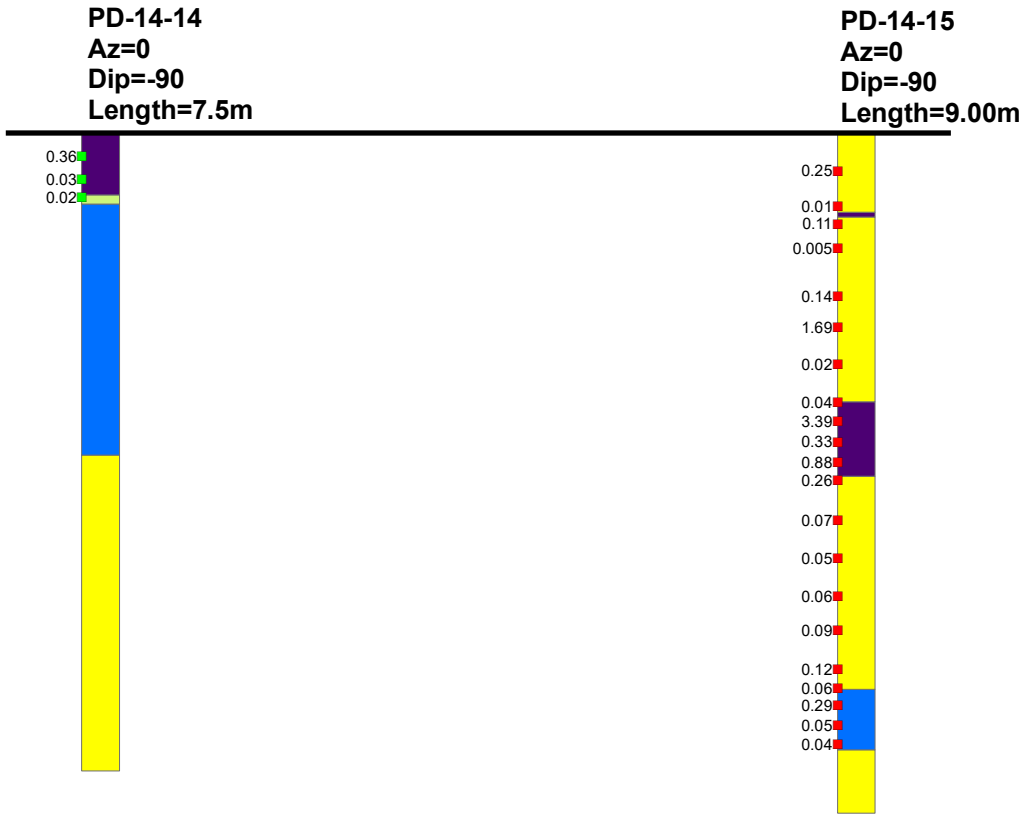
**Unit**

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

**1:50**

0 0.5 1 2 Meters


PD-14-12
Az=0
Dip=-90
Length=17.54m
PD-14-13
Az=0
Dip=-90
Length=12.00m
0.03
0.01
0.01
0.005
0.01
0.005
0.005
0.01
0.01
0.03
0.005
0.005
0.005
0.005
0.005
0.01
0.005
0.005
0.02
0.04
0.01
0.005
0.05
0.13
0.005
0.005
0.005
0.07
0.01
0.05
0.07
0.02
0.02
0.005
0.01
0.02
0.01
0.005
0.13
0.005
0.005
0.005
0.02
0.01
0.01
0.005
0.01
0.13
0.02
0.005
0.05
0.01
0.005
0.07
0.01
0.01
0.15
0.01
0.09
0.01
0.1
0.04
0.18
0.04
0.03
0.12
0.02
Legend
13 Assays
12 Assays
Section Line
Geology
Unit
Overburden
Sandstone
Mudstone
Conglomerate M
Conglomerate C
Metasediments
1:100
Looking West
0
2
4
8 Meters




## Legend

- 15 Assays
- 14 Assays
- Section Line

## Geology

### Unit

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

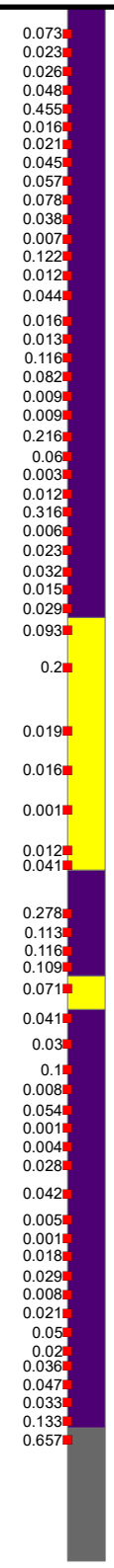
**1:100**

**Looking South West**

0 1 2 4 Meters

**Clement Township**
**Claim#4202512**

**PD-14-16**
**Az=0**
**Dip=-90**
**Length=20.82m**




**Legend**

- 16 Assay
- Section Line

**Geology**

**Unit**

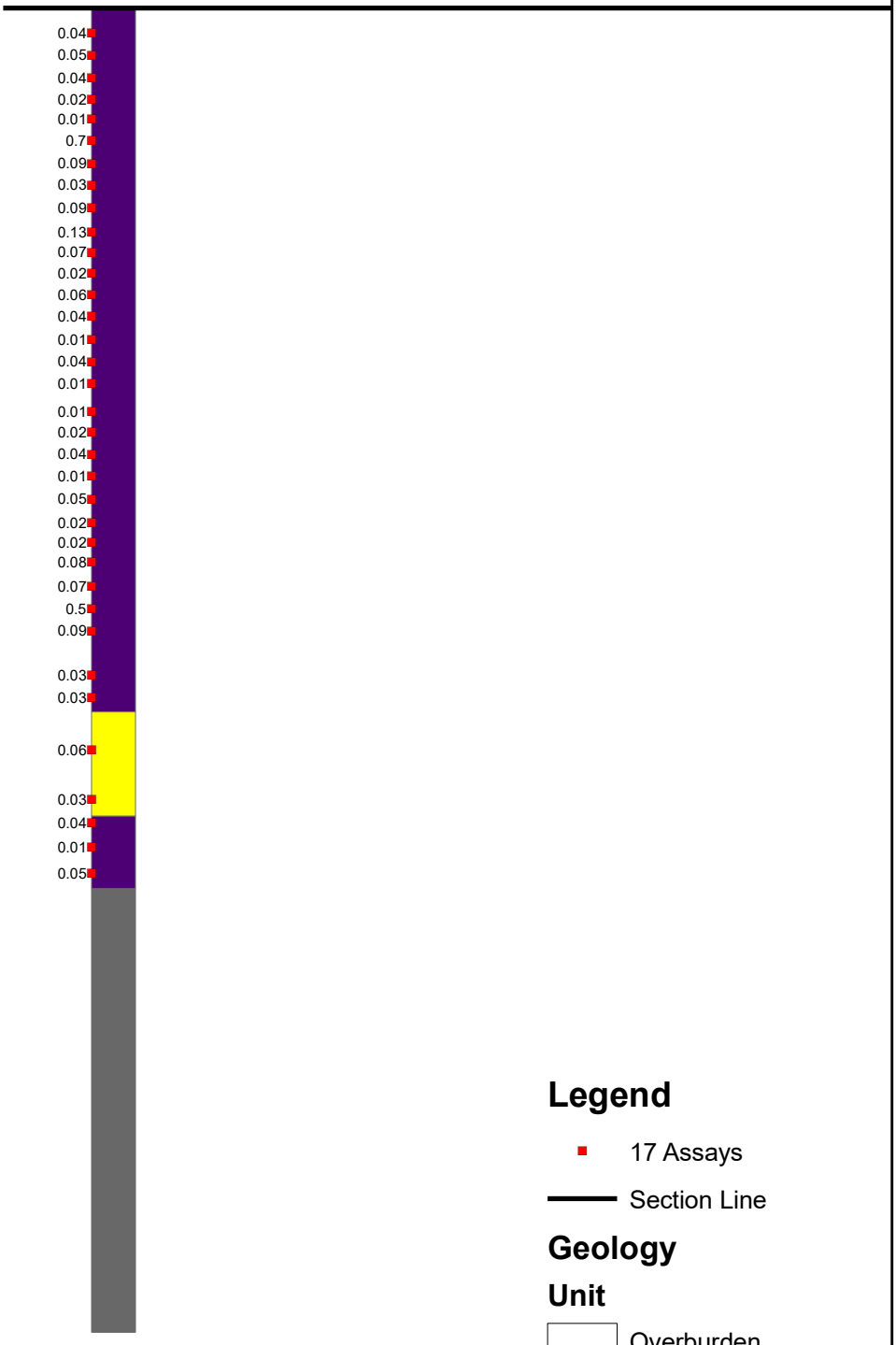
- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

0 1.5 3 6 Meters

**1:100**

**Clement Township**
**Claim#4202512**

**PD-14-17**
**Az=0**
**Dip=-90**
**Length=15.00m**




## Legend

- 17 Assays
- Section Line

## Geology

### Unit

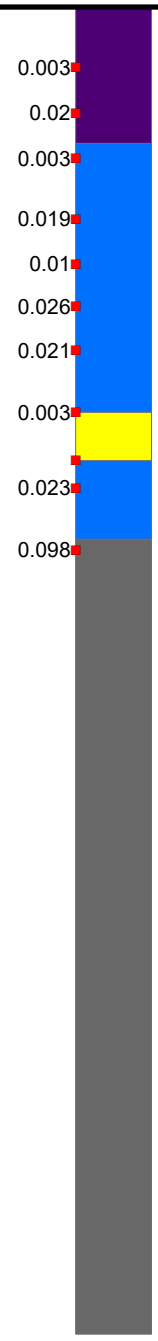
- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

0 1 2 4 Meters

**1:80**

**Pardo Township**
**Claim#3009440**

**PD-14-18**
**Az=0**
**Dip=-90**
**Length=8.78m**




## Legend

- 18 Assay
- Section Line

### Geology

#### Unit

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

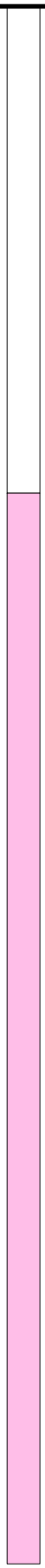
**1:50**

**0 0.5 1 2 Meters**

Pardo Township
Claim#3009440

PD-14-19
Az=0
Dip=-90
Length=24.00m

No assays



## Legend

Section Line

### Geology

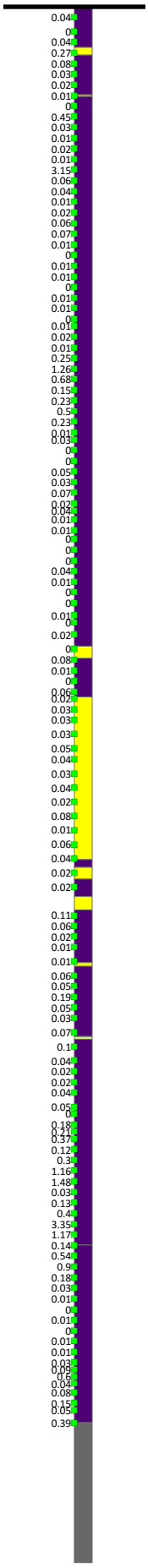
**Unit**

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments
- Diabase

1:100

0 1.5 3 6 Meters

**Pardo Township**
**Claim#3009440**



**PD-14-20**
**Az=0**
**Dip=-90**
**Length=43.85m**

## Legend

- 20 Assays
- Section Line

### Geology

**Unit**

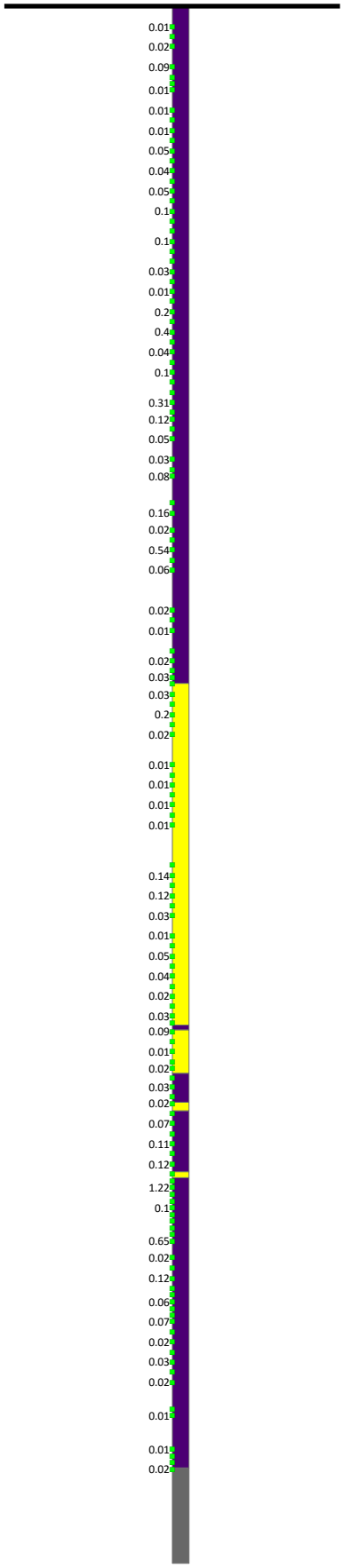
- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

**1:180**

0 2 4 8 Meters

**Pardo Township**
**Claim#3009440**

**PD-14-21**
**Az=0**
**Dip=-90**
**Length=46.40m**




## Legend

- 21 Assays
- Section Line

### Geology

**Unit**

- Overburden
- Sandstone
- Mudstone
- Conglomerate M
- Conglomerate C
- Metasediments

**1:200**

0 3 6 12 Meters