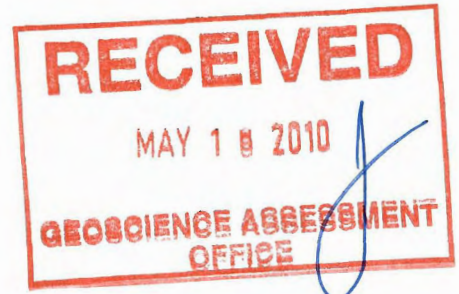


Assessment Report

**Results of the 2009 Mapping Reconnaissance  
On the Pardo Reef Property,  
Pardo, McNish, Janes and Clement Townships,  
Sudbury Mining Division,  
Ontario**

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The original assay certificates from ALS Chemex Laboratories  
1:20,000 Map: Reconnaissance Mapping Compilation  
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## **1. Introduction**

During the period August 1 through October 14, 2009, a program of reconnaissance prospecting and sampling was carried out on portions of the Pardo Property that is located 65 kilometres northeast of Sudbury, in Pardo, McNish, Janes and Clement townships, Sudbury Mining Division. The work was carried out by consulting geologists Monica Proudfoot of Val Caron, Ontario; Danniell Oosterman of Val Caron, Ontario, Hal Wells of Sudbury, Ontario, and field assistants Winston Whymark and Wesley Whymark of Ottawa, Ontario. Work was completed under contract to Mount Logan Resources. The work was planned and completed under the supervision Richard Murphy, President and CEO of Mount Logan Resources. This report is authored by Danniell Oosterman.

During the program, a total of 370 samples were collected, described, and sent for multielement analysis, including gold (Au), silver (Ag) and uranium (U). Assayed samples were transported in security sealed bags for preparation and analysis at ALS Chemex facilities. A prepared sample is digested with aqua regia. The resulting solution is analyzed by inductively coupled plasma-atomic emission spectrometry. The focus of the program was in areas of the property that had seen little or incomplete previous work or sampling. This report serves to summarize the results of this program.

## **2. Location, Access and Physiography**

The Pardo Property is located approximately 65 kilometres northeast of Sudbury, Ontario (see Figure 1), in the Sudbury Mining Division, east-central Ontario. The approximate geographic centre of the property is located at 46 Degrees, 47 Minutes north latitude, and 80 Degrees, 15 Minutes west longitude (or, alternatively, at UTM NAD 83 Coordinates 5180000 North and 555500 East). The property is primarily located in the northwest quadrant of Pardo Township, but extends north into Clement and MacBeth Townships, and west into McNish Township as well.

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 run north

approximately 30 kilometres, crossing the western portion of the claim block. A network of logging roads run east from Highway 805, providing additional access to much of the property. The property lies at an elevation of between 280 and 350 metres ASL, and while locally can be rugged, is generally one of modest relief. Approximately 15% 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 also excellent. Water is plentiful, with numerous lakes on the property, and the Sturgeon River runs south very close to the western limit of the claim block. Grid power is available in River Valley. All amenities for any exploration or mine development programs are available in the world class mining centre of Sudbury, and the towns of Sturgeon Falls and North Bay, all within a ninety minute drive to the property, provide additional support services.

### 3. Property Claim Summary

As at the date of this report, the Pardo Reef Property is comprised of 39 claims totaling 520 units, or 8,332 hectares. The claims are shown in Table 1. Claims listed in Table 2 (and included in Table 1) have title to Endurance Gold Corporation, and are subject to an option agreement between Mount Logan Resources and Endurance Gold whereby Mount Logan can earn an initial 55% of the property by spending \$1M in exploration expenditures and making cash payments of \$200k over a three year period. A key map is shown in Figure 2.

**Table 1 Pardo Reef Project Claims and Status**

Township	Claim No.	Recording Date	Claim Due Date	% Option	Work Required	Total Applied	Total Reserve
CLEMENT	4201291	2006-Sep-28	2013-Sep-28	0%	\$4,800	\$24,000	\$0
CLEMENT	4201292	2006-Sep-28	2013-Sep-28	0%	\$4,800	\$24,000	\$2,917
CLEMENT	4202511	2006-Sep-12	2013-Sep-12	0%	\$4,400	\$22,000	\$0
CLEMENT	4202512	2006-Sep-07	2015-Sep-07	0%	\$4,800	\$33,600	\$271,904
CLEMENT	4202513	2006-Sep-12	2013-Sep-12	0%	\$4,800	\$24,000	\$0
CLEMENT	4211782	2006-Sep-28	2013-Sep-28	0%	\$4,800	\$24,000	\$0
MACBETH	1234842	2008-Apr-23	2013-Apr-23	0%	\$6,400	\$19,200	\$0
MCNISH	1234841	2008-Apr-23	2013-Apr-23	0%	\$4,800	\$14,400	\$0
PARDO	3009440	2004-Oct-29	2014-Oct-29	0%	\$4,800	\$38,400	\$2,610
PARDO	3009441	2004-Oct-29	2014-Oct-29	0%	\$4,800	\$38,400	\$0
PARDO	3011982	2005-Jul-04	2013-Jul-04	0%	\$4,800	\$28,800	\$0
PARDO	3011983	2005-Jul-04	2013-Jul-04	0%	\$6,400	\$38,400	\$623

PARDO	3011984	2005-Jul-04	2013-Jul-04	0%	\$6,400	\$38,400	\$0
PARDO	3011999	2005-Jul-04	2012-Jul-04	0%	\$6,400	\$32,000	\$0
PARDO	4202510	2006-Sep-12	2013-Sep-12	0%	\$4,800	\$24,000	\$0
PARDO	4202514	2006-Sep-12	2013-Sep-12	0%	\$4,800	\$24,000	\$5,228
JANES	4217740	2007-Sep-10	2009-Sep-10	100%	\$3,600	\$0	\$0
MCNISH	4217741	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217742	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217743	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217744	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217745	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217746	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217749	2007-Sep-10	2009-Sep-10	100%	\$4,800	\$0	\$0
MCNISH	4217750	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
MCNISH	4217751	2007-Sep-10	2009-Sep-10	100%	\$6,400	\$0	\$0
PARDO	4217729	2007-Sep-04	2009-Sep-04	100%	\$3,200	\$0	\$0
PARDO	4217730	2007-Sep-04	2009-Sep-04	100%	\$3,200	\$0	\$0
PARDO	4217731	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217732	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217733	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217734	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217735	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217736	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217737	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217738	2007-Sep-04	2009-Sep-04	100%	\$6,400	\$0	\$0
PARDO	4217739	2007-Sep-04	2009-Sep-04	100%	\$1,600	\$0	\$0
PARDO	4217747	2007-Sep-10	2009-Sep-10	100%	\$1,600	\$0	\$0
PARDO	4217748	2007-Sep-10	2009-Sep-10	100%	\$4,800	\$0	\$0

**Table 2 Claims Subject to Option with Endurance Gold Corporation**

Township	Claim No.	Recording Date	Claim Due Date	% Option	Work Rqd	Total Applied	Total Reserve
CLEMENT	4201291	2006-Sep-28	2013-Sep-28	0%	\$4,800	\$24,000	\$0
CLEMENT	4201292	2006-Sep-28	2013-Sep-28	0%	\$4,800	\$24,000	\$2,917
CLEMENT	4202511	2006-Sep-12	2013-Sep-12	0%	\$4,400	\$22,000	\$0
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PARDO	3011984	2005-Jul-04	2013-Jul-04	0%	\$6,400	\$38,400	\$0
PARDO	3011999	2005-Jul-04	2012-Jul-04	0%	\$6,400	\$32,000	\$0
PARDO	4202510	2006-Sep-12	2013-Sep-12	0%	\$4,800	\$24,000	\$0

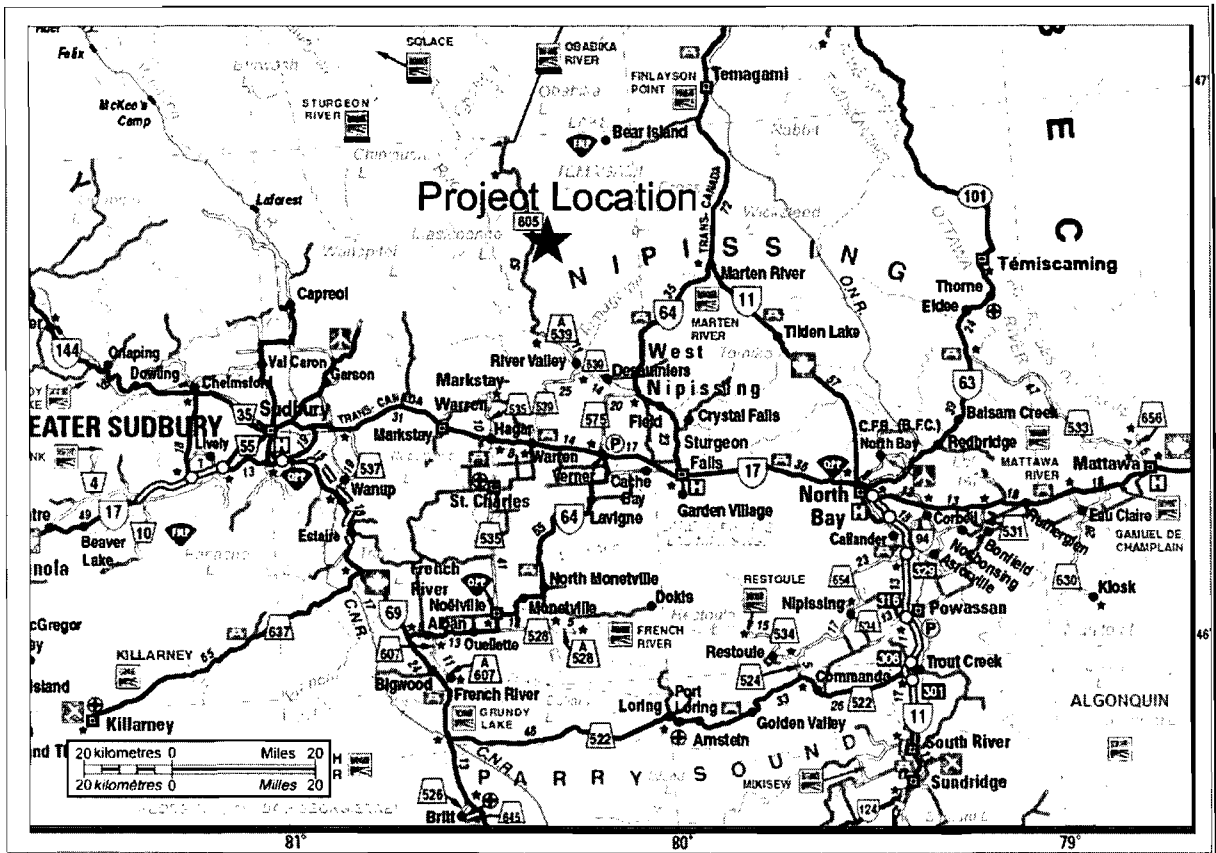


Figure 1 Location of the Pardo Project, Sudbury Mining District, Ontario, Canada

On completion of its 55% earn-in, Mount Logan has a one-time option to increase its ownership interest to 70%, by completing an additional \$1,000,000 in exploration, and making a further cash payment of \$250,000 to Endurance.

On completion of either its 55% or 70% earn-in, Mount Logan will form a joint venture with Endurance to continue the exploration and development of the project. In the event either party dilutes to a 10% or less joint venture interest, that interest will convert to a 1.5% Net Smelter Royalty, and a one time cash payment of \$500,000 on the commencement of commercial production. Mount Logan Resources is a subsidiary of Ginguro Exploration Inc.

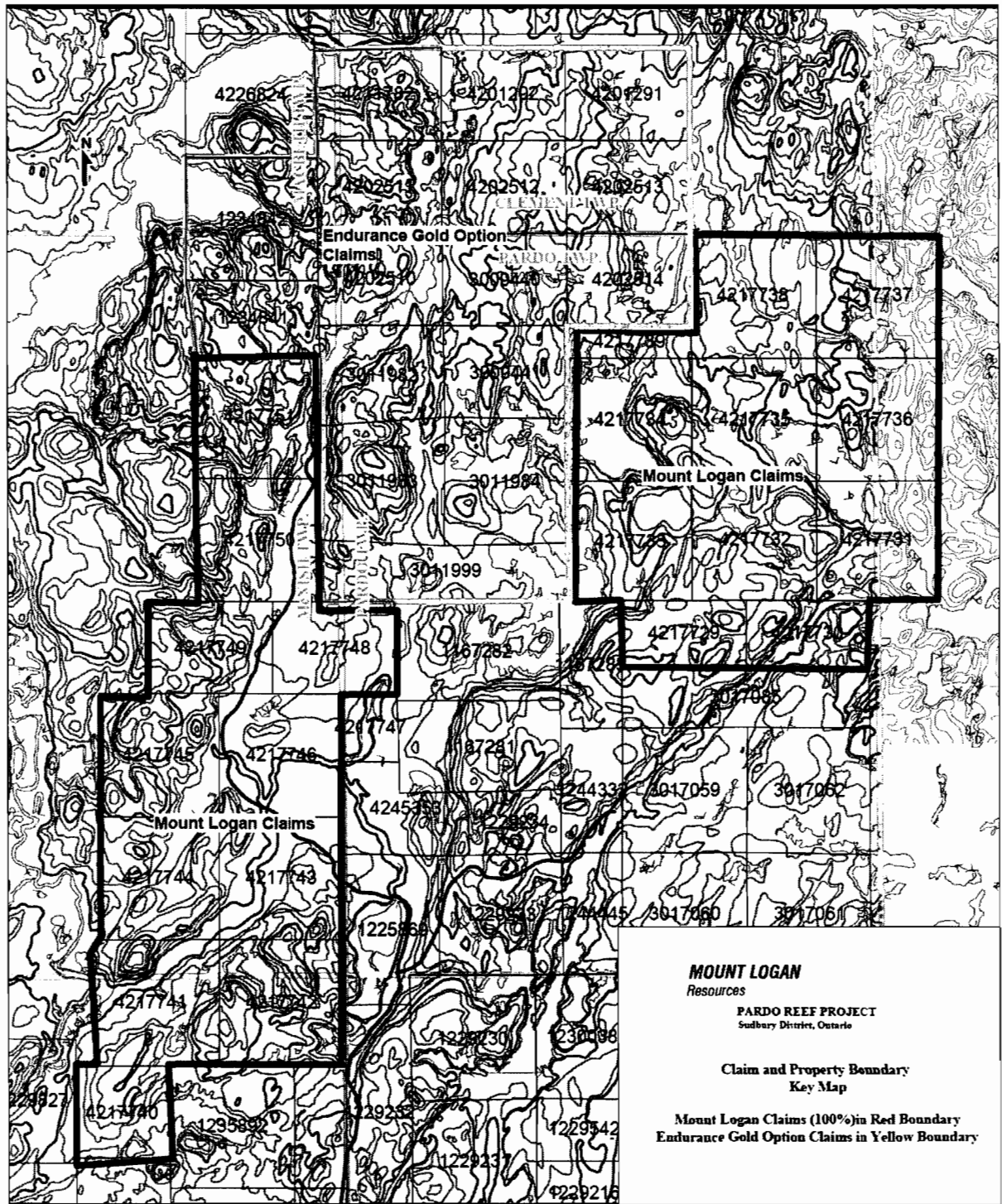


Figure 2 Map showing Mt. Logan Claims and Optioned Claims for Pardo Project in and around Pardo Township

#### **4. General Geologic 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 younger than the granitic intrusions.

Middle Precambrian rocks of the Huronian Supergroup unconformably overlie the older Archean 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.y. 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, exposed 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 geology of the Pardo Property (Clark, 1998) is illustrated in the map of Appendix. This map was compiled from regional geological mapping of this work, and from previous work completed (MacVeigh, 1956; Clark, 1998).

Clark (1998) describes the property geology as follows;

The claim block is predominantly underlain by rocks of the Huronian Supergroup, and specifically by conglomerates, sandstones, siltstones and greywackes of the basal Mississagi Formation up through the Gowganda and Lorrain formations. The northwest corner of the property, in Clement Township, hosts an intermediate to mafic intrusive rocks believed to be Nippising gabbro and/or diabase.

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 paleotroughs 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 100 metres, as documented by the 1956 diamond drilling completed by Pickle Crow Gold Mines in the vicinity of Apple Lake (see subsequent section) and in recent exploration work (see McIvor, 2006, 2007, 2008)

Where observed, the basal conglomerate is generally matrix supported, with a highly variable clast size ranging from a few centimeters to in excess of 1 metre. Sorting in the conglomerate is generally 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, granite, diorite, and lesser varied rock types.

Gold mineralization defined to date on the property is intimately associated with pyrite content in the matrix of the basal conglomerate, and also appears to be related to proximity to the Archean

unconformity. A more detailed description of the mineralization appears in the subsequent section of this report.

## **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, exploring the basal conglomerates for uranium. That company completed two rounds of diamond drilling totaling 16 holes and 7,489 feet. The location of the Pickle Crow drill holes was 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, 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 (Mclvor, 2006).

Also in 2006, Katrine Exploration and Development was contracted to cut a 20.96 line kilometer 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 (Mclvor, 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 was 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.

In July 2009, Mount Logan performed an induced polarization survey, in conjunction with 742 metre diamond drilling program to test induced polarization anomalies on the property.

## **7. Prospecting and Sampling Methodology**

This report covers the work of a prospecting and sampling program undertaken on portions of The Pardo Property. The work was completed by consulting geologists, Hal Wells, Monica Proudfoot, and Danniell Oosterman assisted in the field by Winston Whymark and Wesley Whymark. The purpose of this program was to identify and sample pyritiferous basal

conglomerates, in areas of the property that had seen only limited previous work, and to ascertain the extents of this target unit. In those areas, discussed in Section 8 of this report, systematic grab sampling was completed on outcrops containing any appreciable sulphide content. GPS co-ordinates, in NAD 83, were collected and recorded for each sample location, as were cut-line grid co-ordinates where applicable. In many cases, multiple samples were taken over relatively small areas, in an attempt to ascertain representative average grades. The samples were placed in plastic bags, tagged, taped, and then collected in fabrene fibre bags for shipment to ALS Chemex Laboratories in Sudbury.

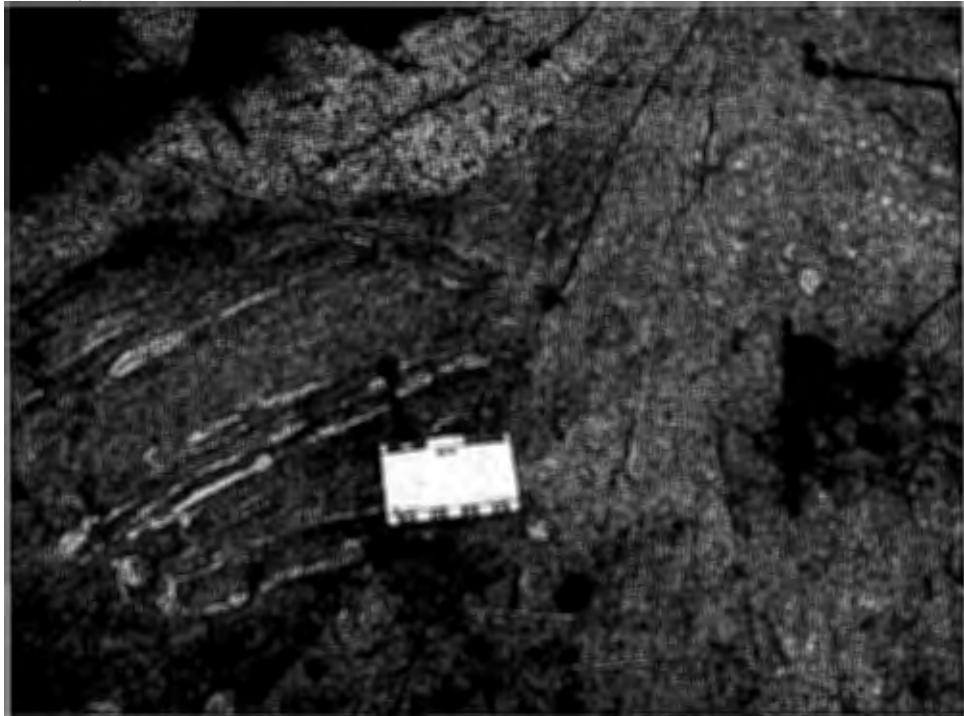
## **8. Prospecting and Sampling Results**

Table 3, below, contains the locations, sample descriptions, and gold analytical results for all samples collected during the program.

Appendix 1 contains three compilation maps; a 1:20,000 scale outcrop map showing location of outcrops, inferred geology based on outcrop mapping, and two 1:5,000 scale maps showing outcrops and sample locations.

From the reconnaissance conducted several mappable units were noted: two distinct conglomerate units appear to exist on the Endurance Claims, believed to represent the basal member of the Mississagi Formation, and a stratigraphically higher conglomerate unit believed to represent Gowganda Formation conglomerates characterized by an abundance of pink lithic clasts.

The east and west boundaries of the Endurance Claims, adjacent to the Mount Logan claims, appear to coincide geologically with a large regional structure. This structure is characterized by breccias which contain an abundance of granitic clasts of a wide range of sizes, ranging from clast supported to framework supported (see Figure 3), and are termed cataclastites. These structures tend to have a roughly north-south orientation and are believed to represent the bounds of a possible graben structure that formed the basin in which the conglomerates were deposited (see Appendix 1 maps).



**Figure 3** Cataclastite breccia on Claim 4217751; note granitic fragments and drag folding suggesting dextral slip.

**Table 3 Locations and descriptions of rock-samples**

Sample No	Au_ppm	Easting	Northing	Grid_N	Grid_E	Sample Descriptions
H822417	0.113	554717	5179188	1350W	3600S	Grey, polymictic conglomerate
H822418	0.085	554706	5179266	1350W	3600S	Grey, polymictic conglomerate
H822419	0.189	554633	5179389			Grey, polymictic conglomerate
H822420	0.023	554727	5179268			Grey, polymictic conglomerate
H822421	0.058	554727	5179152			Grey, polymictic conglomerate
H822423	0.007	554658	5178986	1417W	3800S	Sandstone with minor clasts and pyrite, most clasts are <1cm or >5cm, <1%py
H822424	nd	554438	5178984	1640W	3805S	Massive sandstone just off the IP target, medium-grained Massive sandstone plateau, trace sulphide; sandstone is overlying
H822425	nd	554458	5179004	1615W	3795S	conglomerate.
H822426	nd	554388	5178992	1695W	3804S	Sandstone outcrop at the top of the hill, massive medium grained, nil sulphide
H822427	nd	554362	5179076	1720W	3706S	Sandstone on the top of the hill, cap rock, medium- to fine-grained. Trace pyrite, oxidized weathered surface.
H822428	nd	554359	5179082	1720W	3703S	Sandstone on the top of the hill, cap rock, medium- to fine-grained. Trace pyrite, oxidized weathered surface.
H822429	nd	554496	5179083	1585W	3700S	Sandstone ridge, small clasts incorporated in matrix, medium to coarse sandstone, minor pyrite.
H822430	nd	554495	5179086	1585W	3702S	Medium to coarse grained sandstone, minor small clasts noted, oxidized fractures, minor pyrite.
H822431	nd	554509	5179086	1570W	3698S	Medium grained sandstone with minor clasts, minor pyrite cubes noted
H822432	0.015	554572	5179081	1503W	3700S	Conglomerate. 10-15 cm clasts, quartz pebbles, blue quartz. Medium grained sandstone matrix. Pyrite rimming noted. Matrix supported.
H822433	nd	554565	5179068	1510W	3710S	Sandstone with minor clasts, minor pyrite.
H822434	nd	554692	5179081	1387W	3700S	Coarse sandstone conglomerate unit, blue quartz noted. Minor pyrite noted. Unit overlies sandstone unit.
H822435	nd	554694	5179075	1387W	3705S	Coarse sandstone conglomerate unit, minor pyrite noted.
H822436	0.008	554692	5179081	1387W	3700S	Medium sandstone under coarse grained conglomerate unit. Minor pyrite noted.
H822437	0.244	554784	5179095	1290W	3695S	Matrix, rubble between 2 rounded boulder sized clasts of conglomerate, pyrite rich. Massive conglomerate, well mineralized, pyrite. Quartz pebbles, rounded to sub-rounded.
H822438	0.116	554784	5179095	1290W	3695S	
H822439	0.176	554794	5179102	1285W	3692S	Well mineralized sandy conglomerate, 5-10% pyrite.
H822440	0.014	554794	5179102	1285W	3692S	Well mineralized sandy conglomerate, 5-10% pyrite.
H822441	0.018	554720	5179191	1353W	3600S	Siliceous, biotite rich trace pyrite conglomerate, quartz pebble, weathered surfaces, oxidized rounded to sub-rounded clasts
H822442	0.031	554720	5179191	1353W	3600S	Lower in sequence quartz pebble conglomerate, 2-5% pyrite
H822443	0.030	554720	5179191	1353W	3600S	Lower in sequence, quartz pebble conglomerate
H822444	0.164	554720	5179191	1353W	3600S	Mid sequence pyrite rich zone quartz conglomerate; bedding is visible in outcrop
H822445	0.071	554720	5179191	1353W	3600S	Pyrite rich 2-5%, quartz pebble conglomerate
H822446	0.121	554720	5179191	1353W	3600S	Quartz pebble conglomerate, pyrite rimming of meta volcanic 3-5% pyrite
H822447	0.328	554720	5179191	1353W	3600S	Quartz pebble conglomerate, 3-5% pyrite
H822448	0.351	554720	5179191	1353W	3600S	Oxidized conglomerate, very crumbly
H822449	0.007	554720	5179191	1353W	3600S	Pyrite dominated quartz pebble conglomerate, up to 60% pyrite, mid unit on outcrop hill



H822450	0.006	554701	5179182	1372W	3605S	Sandstone outcrop, medium-grained sandstone, siltstone nearby nil pyrite
H822451	0.183	554686	5179193	1379W	3600S	Small sandstone outcrop next/ on top of IP target nil sulphide
H822452	nd	554657	5179194	1412W	3598S	Conglomerate and coarse sandstone unit close to top of him of line. Quartz pebble and metavolcanic, lower in unit trace to nil pyrite
H822453	nd	554655	5179201	1413W	3595S	Coarse sand to gravelly conglomerate minor to trace pyrite. Quartz metasediment and metavolcanic clast
H822454	nd	554655	5179201	1413W	3596S	Conglomerate poorly mineralized sub angular to sub rounded clast. Nil pyrite, higher on sequence then S031
H822455	0.032	554267	5179220	1797W	3598S	Sandstone with minor pyrite. Medium fine grain unit.
H822456	nd	554285	5179260	1790W	3560S	Conglomerate boulder in middle of forest, horizontal bed visible small clasts with coarse sand matrix. Minor pyrite noted
H822457	nd	554285	5179260	1790W	3560S	Conglomerate quartz pebble, small clasts sub angular- sub rounded from tip of boulder pyrite no bed. Blue quartz
H822458	0.012	554164	5179337	1930W	3495S	Sandstone outcrop off line near IP target med-fine sand minor pyrite
H822459	0.005	554137	5179317	1955W	3506S	Medium-to fine-grained sandstone, surface siliceous and pyrite
H822461	0.178	554476	5179307	1620W	3500S	Medium-grained sandstone with quartz pebble clasts
H822462	0.011	554632	5179303	1458W	3500S	Quartz vein 4-5 cm thick, rusty intruded into sandstone.
H822463	nd	554632	5179303	1458W	3500S	Sandstone on the side of the quartz vein, minor pyrite slightly magnetic Conglomerate with ematite stained, quartz pebble, 2-3% pyrite, some 15 cm clast in size.
H822464	0.137	554706	5179267	1390W	3530S	
H822465	0.010	554901	5179184	1180W	3598S	Sandstone ridge along north side of line. massive med sandstone, nil sulphide
H822466	0.097	554879	5179183	1187W	3600S	Medium-grained with quartz pebble conglomerate, minor pyrite iron stained.
H822467	0.044	554885	5179207	N/A	N/A	Quartz pebble conglomerate, 1 cm - 10 cm clast, minor pyrite
H822468	0.024	554798	5179188	1274W	3500S	Sandstone with minor clasts, minor pyrite present
H822469	0.033	554725	5179296	1355W	3500S	Quartz pebble conglomerate, minor pyrite.
H822470	0.113	554725	5179296	1355W	3500S	Oxidized sandstone in lower in sequence.
H822471	0.012	554728	5179302	1356W	3493S	Nippissing diabase, blue in colour, nil sulphide
H822472	0.168	554726	5179298	1356W	3496S	Quartz pebble conglomerate. 10-15% pyrite, hard, siliceous
H822473	0.085	554724	5179302	1356W	3495S	Quartz pebble conglomerate, siliceous, 2-3% pyrite
H822474	0.179	554731	5179300	1355W	3495S	Quartz pebble conglomerate, 5-10% pyrite, locally higher
H822475	0.023	554813	5179283	1274W	3500S	medium sandstone conglomerate, minor to trace pyrite
H822476	0.310	554813	5179281	1274W	3502S	Quartz pebble conglomerate. 5-10% pyrite in matrix
H822477	0.055	554821	5179262	1275W	3520S	Rusty, quartz pebble conglomerate, minor pyrite
H822478	0.139	554820	5179274	1274W	3512S	Quartz pebble conglomerate, 2-3% pyrite
H822479	0.040	554857	5179286	1230W	3500S	Quartz pebble conglomerate, 1-2% pyrite.
H822481	0.058	554857	5179286	1230W	3500S	Quartz pebble conglomerate, 1-2% pyrite.
H822482	0.037	554844	5179282	1235W	3500S	Sandstone quartz pebble conglomerate, minor pyrite 1%
H822483	0.013	554848	5179283	1232W	3497S	Rusty conglomerate, large quartz clasts, minor pyrite.
H822484	nd	554850	5179291	1232W	3495S	Sandstone, fine grained. Trace pyrite.
H822485	0.082	554850	5179291	1232W	3495S	Quartz pebble conglomerate, minor pyrite
H822486	nd	554884	5179283	1200W	3497S	Medium- to fine-grained sandstone, biotite rich
H822487	0.033	554891	5179248	1175W	3515S	Med-fine sandstone, minor pyrite
H822488	0.108	554865	5179291	1220W	3515S	Small clast, quartz pebble conglomerate 3-5% pyrite
H822489	0.010	554616	5179388	1475W	3425S	Quartz pebble conglomerate, minor pyrite 4%, blue quartz
H822490	0.007	554598	5179385	1478W	3410S	Quartz pebble conglomerate, matrix supported trace pyrite
H822491	0.146	554631	5179402	1449W	3401S	Well mineralized conglomerate, quartz pebble, blue quartz noted, 5-15% pyrite
H822492	0.165	554631	5179402	1449W	3401S	Conglomerate, quartz and blue quartz, 5-15% pyrite
H822493	0.088	554640	5179422	1450W	3390S	Mineralized conglomerate, 5% pyrite, <1% detrital
H822494	0.201	554637	5179460	1449W	3402S	Quartz pebble conglomerate with 5% pyrite

H822495	1.050	554642	5179425	1445W	3375S	Quartz peddle conglomerate, 1-2% pyrite
H822496	0.021	554644	5179422	1445W	3380S	Quartz pebble rich conglomerate, 1% pyrite in medium-grained matrix
H822497	0.009	554644	5179422	1445W	3380S	Metavolcanic rich quartz conglomerate, 1% pyrite.
H822498	0.163	554639	5179394	1450W	3415S	Quartz pebble conglomerate, 2-5% pyrite
H822499	0.725	554633	5179382	1450W	3420S	Quartz rich conglomerate, 15-20% pyrite
H930501	0.397	554633	5179382	3420S	1450W	Quartz rich conglomerate, 15-20% pyrite matrix and rims
H930502	0.006	554637	5179386	3421S	1451W	Quartz pebble conglomerate, 5-10% pyrite in matrix
H930503	0.005	554665	5179401	3402S	1422W	Quartz pebble conglomerate, <1% pyrite
H930504	0.000	554670	5179395	3405S	1420W	Quartz pebble conglomerate, trace pyrite
H930505	0.037	554751	5179386	3403S	1331W	Conglomerate quartz pebble, minor pyrite, <1%
H930506	0.235	554754	5179411	3380S	1333W	Conglomerate quartz pebble, 2-3% pyrite
H930507	0.280	554754	5179411	3380S	1333W	Quartz pebble conglomerate, 3-5% pyrite
H930508	0.034	554826	5179363	3410S	1250W	Conglomerate quartz and blue quartz noted. <1% pyrite
H930509	0.391	554636	5179384	3425S	1449W	Conglomerate quartz pebble, 1-2% pyrite
H930510	0.006	553873	5179874	2958S	2350W	Quartz pebble conglomerate, 2-3% pyrite rims
H930511	0.079	553848	5179880	N/A	N/A	Conglomerate few quartz pebbles, 1% pyrite clast rims, oxidized
H930512	0.013	553848	5179880	N/A	N/A	Conglomerate, 1% pyrite clast rims
H930513	0.005	557346	5183239	N/A	N/A	Conglomerate boulder, clast supported, few pebbles/ Cobble 3-6 cm. Highly oxidized, very few quartz pebbles
H930514	0.000	557339	5183218	N/A	N/A	Oxidization around clasts, reaction rims, granite pebbles, Fine grained matrix, silty, clasts 3-15 cm, <1% pyrite
H930516	0.006	554413	5179508	N/A	N/A	Sandstone with minor clasts, <1% pyrite
H930517	0.000	554543	5179583	N/A	N/A	Conglomerate, minor pyrite, blue quartz, very few pebbles, 1-3 cm average size.
H930518	0.000	554455	5179785	N/A	N/A	Quartz pebble conglomerate. Clasts range from 3-15cm
H930519	0.000	554472	5179741	N/A	N/A	Quartz pebble conglomerate, clast supported, 80% quartz pebbles. Massive quartz pebble conglomerate, quartz filled matrix, with 15-20% pyrite. Pebbles are 2-10cm scale, 80-90% quartz. Matrix supported, with minor quartz pebble, highly oxidized, disseminated pyrite, <1%.
H930521	0.000	554465	5179747	N/A	N/A	Conglomerate, quartz pebble, large pebbles average size 5-10cm, semi-massive pyrite, 30-40%
H930522	0.000	554401	5179803	3000S	1700W	Conglomerate, massive quartz, with 1-3cm pebbles, matrix supported, disseminated pyrite, >1%.
H930523	0.000	554400	5179753	N/A	N/A	Quartz pebble conglomerate, >1% pyrite, clasts are 1-6 cm in size.
H930524	0.000	554400	5179753	N/A	N/A	Quartz pebble conglomerate, >1% pyrite, clasts are 1-6 cm in size
H930525	0.000	555755	5180345	2400S	390W	Quartz pebble conglomerate.
H930526	0.000	555776	5180326	2420S	355W	Large quartz pebble clasts, 1-10 cm, granitic clasts 5-15cm, reaction rimming, oxidized in some of the matrix. Very fine grained matrix.
H930527	0.000	555745	5180348	2400S	290W	Coarse grained sandstone, some minor clasts in matrix. Some disseminated pyrite <1%
H930528	0.000	555711	5180389	N/A	N/A	Quartz pebble conglomerate with large granitic clasts, 5-10cm. Reaction rimming around clasts. Pyrite 1-3% rimming clasts.
H930529	0.000	555444	5180540	2200S	712.5W	Quartz rich conglomerate, 15-20% pyrite, Matrix and rims
H930530	0.000	555566	5180545	220S	515W	Quartz pebble conglomerate, pyrite matrix 5-10% pyrite
H930501	0.397	554633	5179382	1450W	3420S	Quartz pebble conglomerate, <1% pyrite
H930502	0.006	554637	5179386	1451W	3421S	Quartz pebble conglomerate, Lower in sequence then S078, trace pyrite
H930503	0.005	554665	5179401	1422W	3402S	Conglomerate quartz pebble, minor pyrite, <1%
H930504	nd	554670	5179395	1420W	3405S	Quartz pebble conglomerate, 2-3% pyrite
H930505	0.037	554751	5179386	1331W	3403S	Conglomerate quartz pebble, 2-3% pyrite
H930506	0.235	554754	5179411	1333W	3380S	Quartz pebble conglomerate, 3-5% pyrite, lower in sequence then S081
H930507	0.280	554754	5179411	1333W	3380S	

H930508	0.034	554826	5179363	1250W	3410S	Conglomerate quartz and blue quartz noted. <1% pyrite
H930509	0.391	554636	5179384	1449W	3425S	Conglomerate quartz pebble, 1-2% pyrite
H930510	0.006	553873	5179874	2350W	2958S	Quartz pebble conglomerate, 2-3% pyrite rims
H930511	0.079	553848	5179880	N/A	N/A	Conglomerate few quartz pebbles, 1% pyrite clast rims, oxidized
H930512	0.013	553848	5179880	N/A	N/A	Conglomerate, 1% pyrite clast rims Conglomerate boulder, clast supported, few pebbles/ Cobble 3-6 cm. Highly oxidized, very few quartz pebbles
H930513	0.005	557346	5183239	N/A	N/A	Oxidization around clasts, reaction rims, granite pebbles, Fine grained matrix, silty, clasts 3-15 cm, <1% pyrite
H930514	nd	557339	5183218	N/A	N/A	Sandstone with minor clasts, <1% pyrite
H930516	0.006	554413	5179508	N/A	N/A	Conglomerate, minor pyrite, blue quartz, very few pebbles, 1-3cm average size.
H930517	<0.005	554543	5179583	N/A	N/A	Quartz pebble conglomerate to the east of DDH PD-09-17. Clasts range from 3-15cm
H930518	<0.005	554455	5179785	N/A	N/A	Quartz pebble conglomerate, clast supported, 80% quartz pebbles.
H930519	<0.005	554472	5179741	N/A	N/A	Massive quartz pebble conglomerate, quartz filled matrix, with 15-20% pyrite. Pebbles are 2-10cm scale, 80-90% quartz.
H930521	<0.005	554465	5179747	N/A	N/A	Matrix supported, with minor quartz pebble, highly oxidized, disseminated pyrite, <1%.
H930522	<0.005	554401	5179803	1700W	3000S	Conglomerate, quartz pebble, large pebbles average size 5-10cm, semi-massive pyrite, 30-40%
H930523	<0.005	554400	5179753	N/A	N/A	Conglomerate, massive quartz, with 1-3cm pebbles, matrix supported, disseminated pyrite, >1%.
H930524	<0.005	554400	5179753	N/A	N/A	Quartz pebble conglomerate, >1% pyrite, clasts are 1-6cm in scale.
H930525	<0.005	555755	5180345	390W	2400S	Quartz pebble conglomerate, >1% pyrite, clasts are 1-6cm in scale.
H930526	<0.005	555776	5180326	355W	2420S	Quartz pebble conglomerate. North of S099
H930527	<0.005	555745	5180348	290W	2400S	Large quartz pebble clasts, 1-10 cm, granitic clasts 5-15cm, reaction rimming, oxidized in some of the matrix. Very fine grained matrix.
H930528	<0.005	555711	5180389	N/A	N/A	Coarse grained sandstone, some minor clasts in matrix. Some disseminated pyrite <1%
H930529	<0.005	555444	5180540	712.5W	2200S	Quartz pebble conglomerate with large granitic clasts, 5-10cm. Reaction rimming around clasts. Pyrite 1-3% rimming clasts.
H930530	<0.005	555566	5180545	515W	220S	Coarse gravelly sand unit. Minor blebby pyrite, <1%, conglomerate outcrop
H930531	nd	555680	5180379	475W	2340S	Conglomerate, 15-20cm clasts, medium matrix. Minor pyrite cubes in matrix, <1%.
H930532	nd	555696	5180403	450W	2325S	Conglomerate, 15-20cm clasts, medium matrix. Minor pyrite cubes in matrix, <1%.
H930533	nd	555696	5180403	450W	2325S	Conglomerate, ;arge clasts, cobble, medium matrix. Pyrite noted, 1%, frambois, blebby.
H930534	nd	555688	5180397	N/A	2330S	Sandy conglomerate, smaller clasts, matrix supported, minor pyrite cubes, <1%
H930535	0.187	555686	5180386	N/A	2340S	Large clast conglomerate, 15-20cm clasts, minor pyrite in medium sand matrix, <1% pyrite. Clast supported.
H930536	nd	555699	5180388	N/A	N/A	Large clast conglomerate, 15-20cm clasts. Trace pyrite, <1%.
H930537	nd	555705	5180388	N/A	N/A	Large clast conglomerate. Trace pyrite, <1%
H930538	nd	555700	5180381	N/A	N/A	Large clast conglomerate. Trace Pyrite, <1%.
H930539	nd	555714	5180384	N/A	N/A	Large clast conglomerate, 15-20cm. Trace Pyrite within medium grained sand matrix.
H930541	0.124	555712	5180351	426W	2390S	Large clast conglomerate, minor disseminated fine-grained pyrite.
H930542	nd	555706	5180346	430W	2398S	Large clast conglomerate. Pyrite cubes and frambois, <1%. Medium grained sand matrix.
H930543	nd	555709	5180347	427W	2400S	Large clast conglomerate, 15-20cm. Medium matrix. Trace pyrite, <1%.
H930544	nd	555714	5180326	422W	2420S	Large clast conglomerate, 15-20cm clasts. Medium matrix, Trace blebby pyrite, <1%.
H930545	nd	555716	5180326	420W	2415S	Large clast conglomerate, 15-20cm clasts. Medium grained matrix, minor Pyrite <1%, disseminated and blebby pyrite
H930546	nd	555718	5180341	420W	2406S	

H930547	nd	555712	5180335	425W	2414S	Large clast conglomerate, 15-20cm, medium matrix, minor disseminated Large clast conglomerate, 15-20cm, medium matrix, minor disseminated pyrite, detrital pyrite noted.
H930548	nd	555714	5180341	426W	2408S	Large clast conglomerate, 10-15cm, medium matrix. Trace pyrite, disseminated.
H930549	nd	555722	5180355	418W	2396S	Large clast conglomerate, 10-15cm, medium matrix, finely disseminated pyrite, 1%.
H930550	nd	555722	5180367	418W	2390S	Conglomerate, gravel (coarse sand unit) below large clast quartz pebble conglomerate. Sample is from 1.5m below contact.
H930551	nd	555731	5180380	420W	2380S	Conglomerate, large clasts 15-20cm. Minor finely disseminated pyrite<1%. Taken from a piece 3-4m above contact.
H930552	nd	555731	5180379	420W	2378S	Large clast conglomerate, 15-20cm clasts. Minor finely disseminated pyrite.
H930553	nd	555712	5180392	430W	2375S	Large clast conglomerate, 15-20cm clasts. Minor finely disseminated pyrite. Taken from the south end of a small outcrop.
H930554	nd	555740	5180342	405W	2402S	Large clast conglomerate, quartz clasts frequent, trace pyrite <1%.
H930555	nd	555772	5180342	380W	2425S	Conglomerate, medium to large clasts, medium grained matrix, minor finely disseminated pyrite, 5m up from the base.
H930556	nd	555762	5180332	380W	2406S	conglomerate grades to coarse sand subunit.
H930557	0.218	555777	5180325	380W	2410S	Conglomerate, Medium clasts up to 10cm noted. Minor disseminated pyrite noted.
H930558	nd	555780	5180290	375W	2440S	Conglomerate, medium clast, trace pyrite noted, medium grained matrix.
H930559	nd	555763	5180297	385W	2435S	Quartz pebble conglomerate, 10-15% pyrite.
H930561	2.488	554634	5179388	1450W	3420S	Conglomerate, 5-10% pyrite.
H930562	0.156	554637	5179405	1450W	3400S	Conglomerate, less siliceous, 2-3% pyrite.
H930563	0.342	554657	5179414	1423W	3397S	Conglomerate, small clasts, less siliceous. 1-2%py.
H930564	0.342	554652	5179412	1430W	3395S	Conglomerate, small clast, 1-2% pyrite.
H930565	0.124	554648	5179418	1430W	3390S	Conglomerate, small clasts, trace to 1% pyrite.
H930566	0.187	554612	5179460	1450W	3350S	Conglomerate, small clast, quartz rich, 1-2% pyrite, finely disseminated pyrite.
H930567	0.311	554593	5179472	1450W	3325S	Conglomerate, quartz pebble, 15-30% pyrite matrix. Silicified.
H930568	1.244	554548	5179571	N/A	N/A	Quartz rich, pyrite rich conglomerate, 60% of matrix is pyrite.
H930569	0.560	554407	5179766	1700W	3070S	Quartz pebble conglomerate, 1-2% pyrite
H930570	0.622	554727	5179297	1355W	3495S	Conglomerate, quartz pebble, 1-2% pyrite.
H930571	4.976	554798	5179181	1274W	3600S	Greenish grey conglomerate
H930572	3.763	556425	5183462	N/A	N/A	Conglomerate float found on logging road west of McNish Lake.
H930573	nd	553605	5181586	N/A	N/A	Conglomerate float found on logging road west of McNish Lake with granitic clasts.
H930574	nd	553435	5181862	N/A	N/A	Conglomerate, 1-10cm clasts medium matrix. Trace to 1% pyrite in matrix.
H930575	0.007	556592	5181836	425E	903S	Conglomerate, medium-grained matrix, <1% pyrite in matrix rich in biotite
H930576	0.034	556592	5181838	375E	904S	Conglomerate, medium-grained matrix, clast around 5 cm in size, quartz pebbles, biotite in matrix.
H930577	0.089	556613	5181827	443E	905S	Conglomerate, quartz pebbles, medium matrix, biotite noted. 1-2% pyrite including blebby pyrite.
H930578	0.041	556576	5181829	405E	905S	Conglomerate, heavy iron oxide stained. Medium-grained matrix. 1-5% pyrite noted.
H930579	0.019	556606	5181833	430E	900S	Bedded, 1-10cm clasts
H930581	0.729	556593	5181836	415E	898S	Sandy zone within the conglomerate. Biotite rich matrix. Mafic clasts.
H930582	0.050	556593	5181836	415E	898S	Conglomerate, trace pyrite in medium matrix containing biotite
H930583	0.027	556577	5181727	400E	1000S	Conglomerate with sandy unit having fewer clasts quartz pebbles. Trace pyrite. Conglomerate, medium-grained matrix, up to 15 cm clasts. Minor pyrite (<1%) in matrix.
H930584	0.043	556243	5181216	82E	1530S	Conglomerate, minor to trace pyrite.
H930585	0.228	556242	5181218	80E	1525S	Conglomerate, minor to trace pyrite noted.
H930586	0.011	556242	5181224	80E	1520S	Conglomerate, biotite in matrix. Minor to trace pyrite noted.
H930587	0.011	556237	5181231	77E	1510S	Conglomerate, medium matrix. Trace pyrite in matrix.
H930588	0.010	556235	5181236	77E	1505S	

H930589	0.073	556236	5181247	77E	1500S	Conglomerate, sandy, weathered, trace pyrite and biotite in matrix.
H930590	0.030	556237	5181266	75E	1480S	Sandy unit with few clasts below conglomerate level. Trace pyrite.
H930591	<0.005	556237	5181266	75E	1480S	Conglomerate, coarse quartz sand matrix. Trace pyrite. Sandy unit, large quartz clasts noted ~20 cm just below sample location. Trace pyrite noted, <1%
H930592	<0.005	556207	5181292	50E	1450S	Conglomerate along small ridge. Medium matrix. Nil to trace pyrite.
H930593	<0.005	556935	5179363	N/A	N/A	Conglomerate, medium matrix. Minor pyrite rimming and blebby pyrite, <1%
H930594	<0.005	556944	5179370	N/A	N/A	Conglomerate, 1-2% pyrite in matrix and rimming clasts.
H930595	0.021	556971	5179390	N/A	N/A	Conglomerate. Scintillometer picked up a high, 150 counts per second. Regional Average is 40 cps. Large pod of pyrite in the middle.
H930596	24.800	556395	5183460	N/A	N/A	Conglomerate, medium matrix, 1-5 cm clasts, pyrite in matrix, rimming of clasts, 1% pyrite
H930597	0.013	554434	5179779	1675W	3040S	Conglomerate right above Archean contact. Minor Pyrite <1%.
H930598	0.007	554469	5179764	1625W	3015S	Conglomerate, basal unit, right above the Archean contact, biotite and pyrite in matrix, 1-2% pyrite.
H930599	0.201	554496	5179743	1615W	3030S	Conglomerate with interbedded sandstone above. Medium matrix, 1% pyrite.
H930601	0.006	554337	5179863	N/A	N/A	Conglomerate, basal unit, 0.5m above the contact. Minor Pyrite in matrix, sandy unit, 1% pyrite.
H930602	0.872	556141	5182693	N/A	N/A	Conglomerate, base unit, 0.6m above the Archean contact. 1-2% pyrite
H930603	1.810	556143	5182692	N/A	N/A	Conglomerate from the base unit, 2m above the Archean contact, up to 1cm blebby pyrite, 1-2% pyrite.
H930604	0.946	556139	5182693	N/A	N/A	Conglomerate, sandy 2-3m above contact. Biotite in matrix, 1-2% pyrite.
H930605	0.090	556146	5182695	N/A	N/A	Conglomerate, large clasts, matrix supported, biotite and pyrite in matrix, pyrite pods in 5cm size; 5-10% pyrite
H930606	0.121	556144	5182676	N/A	N/A	Conglomerate, large clasts supported by matrix containing biotite and pyrite (2-3%)
H930607	0.858	556141	5182674	N/A	N/A	Conglomerate <0.5m above contact, large clasts supported by matrix containing pyrite and biotite in matrix, 1-2% pyrite.
H930608	0.040	556147	5182669	N/A	N/A	Sandstone, pyrite disseminated in sandstone. Sandstone is interbedded with Mississagi conglomerate, right above basal unit.
H930609	<0.005	554422	5179745	1675W	3070S	Conglomerate
H930610	<0.005	554408	5179706	1700W	3115S	Conglomerate, gravel unit, minor to trace pyrite, <1%.
H930611	<0.005	554404	5179706	1700W	3125S	Conglomerate, pyrite disseminations less than 1%
H930612	<0.005	554428	5179667	1675W	3150S	Conglomerate, minor to trace pyrite, <1%.
H930613	<0.005	554458	5179586	1653W	3205S	Sandstone, interbedded sandstone. Blebby and disseminated pyrite, 1% pyrite.
H930614	<0.005	554444	5179545	1680W	3250S	Conglomerate, gravel unit continues to the south. Minor disseminated pyrite, <1%.
H930615	<0.005	554462	5179529	1660W	3270S	Conglomerate, gravel unit, minor disseminated and blebby pyrite, <1%.
H930616	<0.005	554488	5179520	1675W	3285S	Sandstone, interbedded in conglomerate. Trace pyrite.
H930617	<0.005	554488	5179520	1675W	3285S	Conglomerate, gravel beds continue. Minor to trace pyrite, <1%.
H930618	<0.005	554518	5179457	1570W	3370S	Conglomerate, gravel unit, minor pyrite, frambois and disseminated pyrite, 1-2% pyrite.
H930619	<0.005	554531	5179415	1560W	3400S	Conglomerate, gravel bed, disseminated and frambois pyrite, 1% pyrite.
H930621	<0.005	554320	5179708	1775W	3115S	Conglomerate, gravel bed, trace to minor disseminated pyrite, <1%
H930622	<0.005	554305	5179728	1795W	3098S	Conglomerate, trace disseminated pyrite, <1%.
H930623	<0.005	554298	5179726	1802W	3102S	Conglomerate, gravel unit, trace pyrite, <1%.
H930624	<0.005	554274	5179747	1815W	3090S	Conglomerate, gravel unit, trace pyrite, <1%.
H930625	<0.005	554247	5179755	1840W	3080S	Conglomerate, gravel, crumbly, trace pyrite, <1%.
H930626	<0.005	554236	5179764	1855W	3075S	Conglomerate, sandy with small clasts, Clast supported. Disseminated pyrite in matrix, <1%.
H930627	<0.005	554203	5179704	1880W	3125S	Conglomerate, clast supported, smaller clasts, blebby pyrite, disseminated pyrite,
H930628	<0.005	554192	5179652	1900W	3175S	

H930629	<0.005	554201	5179609	1915W	3185S	1%. Conglomerate, small clasts, clast to matrix supported, disseminated pyrite, <1%
H930630	<0.005	554204	5179589	1905W	3200S	Conglomerate, small clasts, matrix supported, sandy unit. Trace disseminated pyrite, <1%.
H930631	<0.005	554208	5179517	1895W	3315S	Conglomerate, matrix supported, 3-5cm, medium matrix, Trace finely disseminate pyrite, <1%.
H930632	<0.005	554190	5179488	1920W	3350S	Conglomerate, matrix supported, small clasts, finely disseminated pyrite, <1%.
H930633	<0.005	554175	5179416	1930W	3425S	Mississagi sandstone, clastic, with clasts up to 10cm. (Matrix supported conglomerate). Trace finely disseminated pyrite, <1%.
H930634	<0.005	554175	5179397	1940W	3440S	Sandstone, Mississagi, few minor clasts. Trace finely disseminated pyrite, <1%.
H930635	<0.005	554170	5179363	1945W	3460S	Sandstone, thinly bedded, Mississagi? Trace to nil sulphide.
H930636	<0.005	554151	5179303	1930W	3515S	Conglomerate, matrix supported, 2-5cm clasts. Quartz pebble noted. Matrix is silica sand. Trace disseminated pyrite, <1%.
H930637	<0.005	554156	5179291	1930W	3525S	Clastic sandstone/quartzite. Minor disseminated pyrite, <1%. Few 2-5 clasts.
H930638	<0.005	554166	5179278	1935W	3535S	Sandstone/Quartzite, with clasts, more clasts than S206. Trace finely disseminated pyrite, <1%.
H930639	<0.005	554166	5179300	1928W	3525S	Sandstone/Quartzite with few clasts. Trace finely disseminated pyrite, <1%
H930641	<0.005	554146	5179315	1932W	3508S	Conglomerate, sandy (quartzite) unit, quartz pebbles matrix supported. Trace disseminated pyrite, <1%.
H930642	<0.005	554060	5179461	2055W	3395S	Clastic sandstone. Quartz pebble, meta-volcanic and meta-sedimentary clast. Matrix supported, medium to fine grained. Trace pyrite <1%.
H930643	0.009	554850	5179291	N/A	N/A	Resample of H822495
H930644	0.009	554850	5179291	N/A	N/A	Resample of H822495
H930645	0.010	554850	5179291	N/A	N/A	Resample of H822495
H930646	<0.005	554850	5179291	N/A	N/A	Resample of H822495
H930647	<0.005	554655	5179441	N/A	N/A	Conglomerate <10% clasts, fine grained matrix supported
H930648	<0.005	554655	5179441	N/A	N/A	Conglomerate <10% clasts, fine grained matrix supported
H930649	0.253	554667	5179425	N/A	N/A	Conglomerate, 1-3 % pyrite
H930650	0.006	554665	5179430	N/A	N/A	Conglomerate, 1-3 % pyrite
H930651	0.026	557144	5183240	N/A	N/A	Conglomerate
H930652	0.045	557109	5183267	N/A	N/A	Conglomerate
H930653	<0.005	557104	5183346	N/A	N/A	Conglomerate
H930654	<0.005	557150	5183332	N/A	N/A	Conglomerate
H930655	<0.005	557245	5183319	N/A	N/A	Conglomerate
H930656	0.005	557256	5183329	N/A	N/A	Conglomerate
H930657	<0.005	557317	5183341	N/A	N/A	Conglomerate
H930658	0.008	557505	5183241	N/A	N/A	Conglomerate
H930659	<0.005	557423	5183203	N/A	N/A	Conglomerate
H930660	0.008	556975	5183529	N/A	N/A	Conglomerate
H930664	<0.005	557308	5179550	N/A	N/A	Conglomerate
H930665	0.005	557310	5179543	N/A	N/A	Conglomerate
H930666	1.640	557332	5179543	N/A	N/A	Conglomerate
H930667	<0.005	557383	5179545	N/A	N/A	Conglomerate
H930668	<0.005	557390	5179525	N/A	N/A	Conglomerate
H930669	<0.005	557499	5179574	N/A	N/A	Conglomerate
H930670	0.029	557563	5179504	N/A	N/A	Conglomerate
H930672	<0.005	556550	5176860	N/A	N/A	Sandstone
H930673	<0.005	556217	5176786	N/A	N/A	Sandstone
H930674	<0.005	556214	5176790	N/A	N/A	Sandstone

H930675	<0.005	556186	5176784	N/A	N/A	Sandstone
H930676	<0.005	556133	5176760	N/A	N/A	Sandstone
H930678	<0.005	553442	5180924	N/A	N/A	Metasediment
H930688	nd	555839	5180266	305W	2490S	Coarse grained conglomerate, 0.5-4 cm clasts, trace pyrite
H930689	0.187	555833	5180249	310W	2599S	Conglomerate with minor quartz pebbles, nil pyrite, clasts 2-8 cm
H930690	0.062	555822	5180240	320W	2500S	Conglomerate with minor quartz pebbles, trace pyrite, 2-10 cm clasts
H930691	nd	555915	5180112	280W	2620S	Quartz pebble conglomerate >1% pyrite, 0.3-8 cm clasts. Matrix supported
H930692	nd	555918	5180111	280W	2620S	Quartz pebble conglomerate, matrix supported, >1% pyrite, 0.3-4 cm clasts
H930693	nd	554792	5179199	N/A	N/A	Quartz pebble conglomerate, matrix supported, trace pyrite
H930694	nd	554847	5179147	N/A	3650S	Quartz pebble conglomerate, 2-6 cm clasts, disseminated pyrite >3%
H930695	nd	554847	5179147	N/A	3650S	Quartz pebble conglomerate, 2-6 cm clasts, disseminated pyrite >3%
H930696	nd	554910	5179112	N/A	3680S	Quartz pebble conglomerate, 1-5 cm clasts, disseminated pyrite >3%
H930697	nd	554928	5179098	N/A	3690S	Quartz pebble conglomerate, 0.5-3 cm clasts, disseminated pyrite 1-5% pyrite
H930698	nd	554928	5179098	N/A	3690S	Quartz pebble conglomerate, 0.5-3 cm clasts, disseminated pyrite 1-5% pyrite
H930699	nd	554843	5179150	N/A	N/A	Quartz pebble conglomerate, 3-5% pyrite. 0.5-4 cm clast
H930706	nd	554914	5179107	N/A	N/A	Quartz pebble conglomerate, 5% pyrite.
H930707	nd	554914	5179107	N/A	N/A	Quartz pebble conglomerate, 5% pyrite
H930708	nd	554915	5179107	N/A	N/A	quartz pebble conglomerate, 5-8% pyrite
H930709	nd	554915	5179107	N/A	N/A	Quartz pebble conglomerate, 5-8% pyrite
H930710	nd	554637	5179388	N/A	N/A	Quartz pebble conglomerate, 3% pyrite, 0.5-5 cm clasts
H930711	nd	554595	5179444	N/A	N/A	Fine-grained layered sandstone, nil pyrite
H930712	nd	554750	5179217	N/A	N/A	Quartz pebble conglomerate, 3% pyrite disseminated, 0.5-5 cm clasts
H930713	nd	554763	5179229	N/A	N/A	Quartz pebble conglomerate, 2% pyrite, 0.5-5 cm clasts
H930714	nd	554761	5179232	N/A	N/A	Fine grained conglomerate. Trace pyrite
H930715	nd	554693	5179234	N/A	N/A	Quartz pebble conglomerate, 5% pyrite, 0.5-5 cm clasts
H930716	nd	554693	5179234	N/A	N/A	Quartz pebble conglomerate, >3% pyrite, 0.5-4 cm clasts
H930717	nd	554852	5179153	N/A	N/A	Quartz pebble conglomerate, >3% pyrite, 0.5-6 cm clasts
H930718	nd	554895	5179134	N/A	N/A	Quartz pebble conglomerate, matrix supported, trace pyrite 0.2-0.5 cm clasts
H930719	nd	557394	5179454	N/A	N/A	Conglomerate with few clasts matrix supported, nil pyrite
H930721	nd	557439	5179483	N/A	N/A	Quartz pebble conglomerate, minor clasts, trace pyrite
H930722	nd	557332	5179543	N/A	N/A	Conglomerate minor quartz pebbles, matrix supported, trace disseminated pyrite
H930723	0.156	557332	5179543	N/A	N/A	Same as H930722
H930724	nd	557332	5179543	N/A	N/A	Same as H930722 and H930723
H930725	nd	557341	5179537	N/A	N/A	Conglomerate, minor quartz pebbles, trace pyrite
H930726	nd	557341	5179563	N/A	N/A	Conglomerate, minor quartz pebbles, trace pyrite
H930727	nd	557337	5179566	N/A	N/A	Conglomerate, minor quartz pebbles, trace pyrite
H930728	0.124	557339	5179575	N/A	N/A	Conglomerate, minor quartz pebbles, trace pyrite
H930729	nd	557327	5179575	N/A	N/A	Quartz pebble conglomerate, 0.5-3 cm clasts, >3% pyrite
H930730	nd	557327	5179575	N/A	N/A	Quartz pebble conglomerate, 0.5-3 cm clasts, >3% pyrite
H930731	nd	557328	5179558	N/A	N/A	Conglomerate with minor clasts of 2-5 cm, trace pyrite
H930732	nd	557363	5179624	N/A	N/A	Matrix supported conglomerate, coarse grained matrix, few quartz clasts blebs of pyrite
H930733	nd	557450	5179663	N/A	N/A	Conglomerate, very coarse grained, 0.5-2 cm clasts of quartz, trace pyrite
H930734	nd	557470	5179701	N/A	N/A	Conglomerate, coarse grained matrix, large quartz pebbles 3-5 cm large gray clasts
H930735	0.218	557348	5179787	N/A	N/A	3-5 cm, trace pyrite
H930736	72.152	556395	5183460	N/A	N/A	Coarse grained conglomerate, few larger clasts 2-5 cm, trace pyrite
H930737	11.103	556395	5183460	N/A	N/A	Conglomerate from Trench 2 A
H930738	2.208	556395	5183460	N/A	N/A	Conglomerate from Trench 2 B

H930739	5.598	556395	5183460	N/A	N/A	Conglomerate from Trench 2 B
H930741	1.057	556142	5182678	N/A	N/A	Conglomerate from Northern Occurance
H930742	nd	556142	5182678	N/A	N/A	Conglomerate from Northern Occurance
H930743	0.964	556142	5182678	N/A	N/A	Conglomerate from Northern Occurance
H930744	0.622	554637	5179386	N/A	N/A	Conglomerated from Line 34
H930745	0.093	554637	5179386	N/A	N/A	Conglomerated from Line 34
H930746	nd	555502	5179489	N/A	N/A	Conglomerated from Tee Lake
H930747	nd	555502	5179489	N/A	N/A	Conglomerated from Tee Lake
H930751	<0.005	554665	5179419	N/A	N/A	Fine-grained sandstone
H930752	0.007	554659	5179419	N/A	N/A	Conglomerate
H930753	0.008	554850	5179291	N/A	N/A	Resample of H822495
H930754	0.008	554850	5179291	N/A	N/A	Resample of H822495
H930755	0.029	554627	5179417	N/A	N/A	Conglomerate
H930756	0.006	554636	5179443	N/A	N/A	Conglomerate
H930757	0.024	554636	5179443	N/A	N/A	Conglomerate
H930758	0.008	554850	5179291	N/A	N/A	Resample of H822495
H930759	0.007	554850	5179291	N/A	N/A	Resample of H822495
H930761	<0.005	554641	5179407	N/A	N/A	Conglomerate
H930762	0.005	556641	5179393	N/A	N/A	Conglomerate
H930763	0.006	556641	5179393	N/A	N/A	Conglomerate
H930764	0.753	554633	5179382	N/A	N/A	Resample of H822499
H930765	0.668	554633	5179382	N/A	N/A	Resample of H822499
H930766	0.469	554637	5179386	N/A	N/A	Resample of H822502
H930767	0.392	554637	5179386	N/A	N/A	Resample of H822502
H930768	0.541	554637	5179386	N/A	N/A	Resample of H822502
H930769	0.499	554620	5179366	N/A	N/A	Conglomerate
H930770	0.021	554620	5179366	N/A	N/A	Conglomerate
H930771	0.266	554637	5179386	N/A	N/A	Conglomerate, Chip sample. Strike= 328 degrees Length= .304m
H930772	0.296	554637	5179386	N/A	N/A	Conglomerate, Chip sample. Strike= 40 degrees Length= 1.33m
H930773	0.442	554620	5179366	N/A	N/A	Conglomerate
H930774	0.132	554639	5179394	N/A	N/A	Resample of H822498
H930775	0.116	554639	5179394	N/A	N/A	Resample of H822498
H930776	0.525	554633	5179382	N/A	N/A	Resample of H822499
H930777	0.201	554639	5179394	N/A	N/A	Resample of H822498
H930778	0.247	554636	5179384	N/A	N/A	Resample of H930509
H930779	<0.005	557206	5183333	1200E	600N	Quartz pebble conglomerate. Trace disseminated pyrite
H930781	<0.005	557205	5183338	1200E	600N	Quartz pebble conglomerate, 2-15 cm clasts. Trace disseminated pyrite
H930782	0.260	557220	5183354	1200E	600N	Quartz pebble conglomerate, 1-8 cm clasts, trace pyrite
H930783	<0.005	557216	5183378	1200E	600N	Coarse grained conglomerate. 0.5-2 cm, clasts trace to Nil pyrite
H930784	<0.005	557236	5183389	1200E	600N	Coarse grained conglomerate. 0.5-4 cm clasts, minor quartz pebbles Nil pyrite
H930785	0.024	557257	5183441	1200E	600N	Coarse grained conglomerate. 0.5-8 cm clasts, Nil pyrite
H930786	<0.005	557234	5183323	1200E	600N	Conglomerate with minor quartz pebbles, 2-20 cm clasts, trace pyrite
H930787	<0.005	557224	5183341	1200E	600N	Conglomerate with minor quartz pebbles, 2-5 cm clasts, trace pyrite
H930788	0.009	557224	5183356	1200E	600N	Quartz pebble conglomerate, 4-10 cm clasts, trace pyrite
H930789	<0.005	557219	5183334	1200E	600N	QUartz pebble conglomerate, 2-8 cm clasts, trace pyrite
H930790	<0.005	557378	5183113	1160E	400N	Quartz pebble conglomerate, 3-10 cm clasts, trace pyrite
H930791	<0.005	557379	5183107	1160E	400N	Conglomerate minor quartz pebbles, 2-10 cm clasts, trace pyrite
H930792	<0.005	557374	5183128	1160E	400N	Conglomerate with minor quartz pebbles, 2-15 cm clasts, trace pyrite
H930793	0.005	557390	5183116	1160E	400N	Quartz pebble conglomerate, 2-10 cm clasts, trace pyrite



H930794	<0.005	557385	5183135	1160E	400N	Conglomerate with minor quartz pebbles, 4-8 cm clasts, trace pyrite
H930795	<0.005	557544	5182893	1325E	200N	Quartz pebble conglomerate, 0.5-3 cm clasts, minor disseminated pyrite
H930796	<0.005	557546	5182887	1325E	200N	conglomerate with minor quartz pebbles, trace pyrite, 2-10 cm clasts
H930797	<0.005	557548	5182885	1325E	200N	Conglomerate, 2-8 cm clasts, Nil pyrite
H930798	0.008	557550	5182887	1325E	200N	Conglomerate with minor quartz pebbles, 2-6 cm clasts, trace pyrite
H930799	<0.005	557544	5182874	1325E	200N	Conglomerate with minor quartz pebbles, 2-6 cm clasts, trace pyrite

Note: All UTM's are NAD 83, Zone 17.

## **9. Conclusions and Recommendations**

The Pardo Property covers a portion of the Proterozoic Cobalt Embayment, a thick sequence of epiclastic sediments. On the property, the basal Mississagi Formation comprising of poorly sorted matrix supported polymictic conglomerate is overlain by Gowganda Formation conglomerates and argillite-siltstones, which in turn are overlain by Lorrain Formation quartzites. The Proterozoic sedimentary sequence rests unconformably on an Archean suite of metasediments, comprising primarily of argillite and siltstones.

Previous exploration work on the property has identified widespread highly anomalous gold values associated with the basal Mississagi Formation conglomerate, where that conglomerate is heavily pyritic proximal to or at the Archean unconformity, and is considered analogous to the Witwatersrand-type gold deposits.

Preliminary reconnaissance suggests that the Pardo Property resides in a paleo-graben structure, creating a basin in which the target conglomerates were deposited. This structure appears to be truncated to the south by the Grenville Front Tectonic Zone. Alteration of the basal conglomerates appears to be most pervasive near the upper and lower contacts of this unit. There appears to be very little conglomerate outside of the optioned Endurance claims. It is recommended that exploration focus primarily on the Endurance claims. Thorough mapping of the new and old grid should be undertaken. All of the claims outside of this paleobasin should be investigated further to ascertain the nature and extend of the bounding structure.

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## 11. Cost Statement

Costs incurred by Mount Logan in completing the program outlined in this report are as follows;

### Geological Consulting

#### *As billed by Danniël Oosterman, Consulting Geologist;*

Sept 21-October 16	
25 days at \$500 per day:	\$12,500.00

#### *As billed by Monica Proudfoot, P.Geo – Field Geologist;*

Sept 21-October 13  
22.5 days at \$400 per day: \$9,000.00

**Wages**

*Hal Wells;*

Aug 1 - Sept 2  
33 days at \$350 per day \$11,550.00

*Winston Whymark (Field Assistant)*

July 27 - Sept 2, Oct 2, 3, 9, 10, 11  
43 days at \$250 per day \$10,750.00

*Wesley Whymark (Field Assistant)*

Aug 16- Oct 16  
61 days at \$250 per day \$15,250.00

**Total Geological Consulting: \$59,050.00**

**Field Expenses**

Vehicle Rental: \$3,600

Food: \$2200.00

Field Supplies: \$654.00

**Total Field Expenses: \$6,454.00**

**Analytical Costs**

370 Samples at \$40.40 (RUSH) per sample: \$14,948.00

**Total Analytical Costs: \$14,948.00**

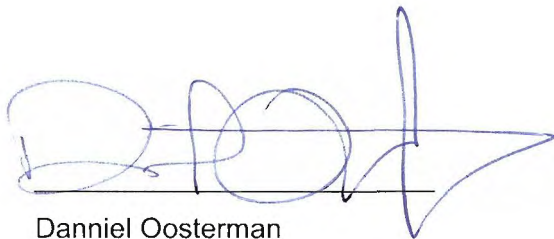
**TOTAL PROGRAM COSTS \$80,452.00**

## 12.0 Statement of Qualifications

1. I am currently under a contract agreement with Ginguro Exploration Corp, who have office at 102-957 Cambrian Heights Dr., Sudbury, Ontario, Canada, P3E 5M6.
2. I graduated with an Honours Bachelor of Science, Geology, from the Laurentian in 1999.
3. I have worked as a geologist for a total of 10 years since my graduation from University, and prior to graduation, as a student and/or geo-technician for a period of 2 additional years.
4. I currently reside in Val Caron, Ontario
5. I am the author responsible for the preparation of this geotechnical report titled "Results of the 2009 Mapping Reconnaissance On the Pardo Reef Property, Pardo and Clement Townships, Sudbury Mining Division, Ontario" Assessment Report.

Dated this 12<sup>th</sup> Day of February, 2010

Signed;



Danniël Oosterman



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Page: 5 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 4-SEP-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09089038

Sample Description	Method Analyte Units LOR	WEI-21 Recvd WL kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
H822407		2.94	<0.005		<0.2	2.07	24	<10	50	<0.5	<2	0.18	<0.5	29	67	59
H822408		3.08	0.024		<0.2	2.42	10	<10	50	<0.5	<2	0.17	<0.5	21	94	63
H822409		1.50	0.046		<0.2	0.73	8	<10	30	<0.5	<2	0.04	<0.5	36	24	56
H822410		1.66	0.006		<0.2	1.17	3	<10	40	<0.5	<2	0.04	<0.5	30	33	56
H822411		1.76	0.044		<0.2	1.42	<2	<10	40	<0.5	<2	0.04	<0.5	76	42	136
H822412		1.92	0.167		<0.2	2.54	<2	<10	30	<0.5	<2	0.14	<0.5	68	90	83
H822413		1.88	0.006		<0.2	2.16	7	<10	40	<0.5	<2	0.03	<0.5	45	61	118
H822414		1.62	0.273		0.2	1.95	<2	<10	30	<0.5	<2	0.03	<0.5	72	78	173
H822415		2.34	<0.005		<0.2	0.74	<2	<10	40	<0.5	<2	0.03	<0.5	12	22	12
H822416		2.78	<0.005		<0.2	1.12	2	<10	40	<0.5	<2	0.03	<0.5	18	33	19
H822417		1.60	0.113		<0.2	0.51	17	<10	60	<0.5	<2	0.01	<0.5	24	22	48
H822418		1.00	0.085		0.3	0.13	25	<10	20	<0.5	<2	<0.01	<0.5	1	12	9
H822419		1.36	0.189		<0.2	1.47	24	<10	40	<0.5	<2	0.01	<0.5	49	40	150
H822420		1.62	0.023		<0.2	0.75	6	<10	40	<0.5	<2	0.01	<0.5	4	31	49
H822421		1.84	0.058		0.2	0.53	19	<10	30	<0.5	<2	0.01	<0.5	23	36	57
H822422		3.16	<0.005		<0.2	2.23	<2	<10	60	<0.5	<2	0.02	<0.5	31	65	31

X



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Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09089038

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	0.01	1	10	2	0.01	2	1	
H822407		3.79	<10	<1	0.33	20	1.17	294	1	0.01	105	830	3	0.32	<2	2
H822408		4.47	10	<1	0.36	30	1.42	357	1	0.01	100	800	5	0.33	<2	2
H822409		2.58	<10	<1	0.29	10	0.32	96	1	0.01	71	120	2	1.20	<2	1
H822410		3.27	<10	<1	0.32	10	0.57	167	2	0.01	79	60	3	0.91	<2	2
H822411		6.08	<10	<1	0.30	20	0.68	208	1	0.01	134	150	16	3.46	<2	2
H822412		6.25	<10	<1	0.26	30	1.30	367	1	0.01	144	620	3	1.05	<2	3
H822413		6.56	<10	<1	0.29	10	1.05	323	1	0.01	119	150	2	1.80	<2	3
H822414		7.01	10	<1	0.26	10	0.96	301	1	0.01	134	150	6	2.84	<2	3
H822415		1.23	<10	<1	0.35	20	0.25	83	2	0.01	65	120	2	0.13	<2	1
H822416		2.00	<10	<1	0.33	20	0.51	140	1	0.01	75	110	2	0.15	<2	1
H822417		2.56	<10	<1	0.36	10	0.18	63	1	0.01	21	140	5	1.26	<2	1
H822418		1.09	<10	<1	0.12	<10	0.01	33	2	0.01	1	50	8	0.09	<2	<1
H822419		5.54	<10	<1	0.30	<10	0.73	210	1	0.01	40	100	9	2.26	<2	2
H822420		2.12	<10	<1	0.19	<10	0.39	128	1	0.01	19	80	3	0.18	<2	1
H822421		2.33	<10	<1	0.19	<10	0.30	79	1	0.01	13	70	4	0.83	<2	1
H822422		4.05	<10	1	0.30	30	1.31	298	2	0.01	109	90	2	0.18	<2	2





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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09089038

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H822407		6	<20	0.01	<10	<10	19	<10	34
H822408		6	<20	0.02	<10	<10	22	<10	42
H822409		2	<20	0.02	<10	<10	11	<10	9
H822410		3	<20	0.04	<10	<10	16	<10	18
H822411		3	<20	0.02	<10	<10	22	<10	24
H822412		5	<20	0.02	<10	<10	36	<10	49
H822413		3	<20	0.03	<10	<10	31	<10	40
H822414		3	<20	0.03	<10	<10	27	<10	36
H822415		2	<20	0.02	<10	<10	8	<10	11
H822416		3	<20	0.01	<10	<10	10	<10	21
H822417		4	<20	0.03	<10	<10	8	<10	5
H822418		1	<20	0.01	<10	<10	4	<10	<2
H822419		2	<20	0.02	<10	<10	24	<10	24
H822420		3	<20	0.02	<10	<10	12	<10	10
H822421		1	<20	0.02	<10	<10	12	<10	13
H822422		3	<20	0.02	<10	<10	20	<10	42



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Page: 1

Finalized Date: 14-SEP-2009

This copy reported on 22-APR-2010

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## CERTIFICATE SD09093497

Project: PARDO  
P.O. No.:  
This report is for 108 Rock samples submitted to our lab in Sudbury, ON, Canada on 7-SEP-2009.  
The following have access to data associated with this certificate:

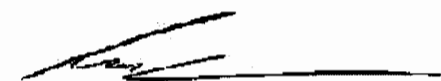
DANNIEL OOSTERMAN	JNT LOGAN/GINGURO WEBTRI
-------------------	--------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNT LOGAN RESOURCES LTD.  
ATTN: ALS CHEMEX

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

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 14-SEP-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H822423		0.66	0.007	<0.2	2.41	2	<10	40	<0.5	<2	1.04	<0.5	23	96	117	4.58
H822424		0.50	<0.005	<0.2	1.49	17	<10	30	<0.5	<2	0.07	0.5	28	59	64	2.80
H822425		0.70	<0.005	<0.2	2.76	<2	<10	30	<0.5	<2	0.07	<0.5	14	103	44	4.38
H822426		0.50	<0.005	0.4	0.78	<2	<10	70	<0.5	<2	0.04	<0.5	9	40	31	1.61
H822427		0.72	<0.005	<0.2	1.34	18	<10	60	<0.5	3	0.04	<0.5	9	51	49	2.48
H822428		0.70	<0.005	<0.2	1.11	8	<10	40	<0.5	<2	0.04	<0.5	20	41	100	2.26
H822429		1.00	<0.005	<0.2	2.85	<2	<10	30	<0.5	<2	0.27	<0.5	18	125	73	5.28
H822430		0.68	<0.005	<0.2	3.21	<2	<10	30	<0.5	<2	0.14	<0.5	14	121	45	5.73
H822431		1.10	<0.005	<0.2	3.11	<2	<10	30	<0.5	<2	0.21	<0.5	23	96	73	5.41
H822432		1.42	0.015	<0.2	2.62	11	<10	40	<0.5	<2	1.16	<0.5	27	90	119	5.01
H822433		0.90	<0.005	<0.2	4.74	6	<10	30	<0.5	<2	0.78	<0.5	28	81	44	8.25
H822434		0.56	<0.005	<0.2	2.88	4	<10	20	<0.5	<2	1.57	<0.5	12	176	53	4.79
H822435		1.38	<0.005	<0.2	3.25	19	<10	30	<0.5	<2	0.47	<0.5	19	149	44	5.57
H822436		0.72	0.008	<0.2	2.90	95	<10	40	<0.5	2	0.17	<0.5	49	198	74	4.98
H822437		1.06	0.244	<0.2	0.18	52	<10	20	<0.5	4	0.01	<0.5	1	25	23	2.30
H822438		1.78	0.116	0.3	0.46	52	<10	20	<0.5	2	0.01	<0.5	26	37	59	3.13
H822439		1.12	0.176	0.2	0.33	43	<10	50	<0.5	6	0.01	<0.5	30	30	24	3.17
H822440		1.02	0.014	<0.2	2.92	<2	<10	60	<0.5	<2	0.55	<0.5	26	119	105	5.59
H822441		1.32	0.018	<0.2	0.56	10	<10	40	<0.5	<2	0.03	<0.5	19	23	82	2.25
H822442		1.10	0.031	0.2	0.99	13	<10	20	<0.5	<2	0.01	<0.5	20	48	70	3.51
H822443		1.70	0.030	<0.2	0.70	10	<10	20	<0.5	<2	0.01	<0.5	14	39	45	2.49
H822444		1.02	0.164	<0.2	0.84	53	<10	20	<0.5	4	0.02	<0.5	51	51	43	4.50
H822445		1.44	0.071	<0.2	0.90	28	<10	20	<0.5	2	0.02	<0.5	39	52	108	4.00
H822446		1.10	0.121	<0.2	0.89	38	<10	20	<0.5	<2	0.01	<0.5	56	59	128	4.65
H822447		1.70	0.328	0.2	1.09	98	<10	30	<0.5	5	0.03	<0.5	132	76	140	8.81
H822448		0.76	0.351	<0.2	0.13	95	<10	20	<0.5	6	<0.01	<0.5	1	18	23	3.69
H822449		0.82	0.007	<0.2	0.42	2	<10	40	<0.5	<2	0.03	<0.5	13	21	80	1.52
H822450		1.16	0.006	<0.2	1.25	3	<10	30	<0.5	<2	0.04	<0.5	27	75	69	2.96
H822451		1.20	0.183	<0.2	1.93	3	<10	60	<0.5	<2	0.06	<0.5	13	62	63	4.12
H822452		1.10	<0.005	<0.2	2.93	20	<10	30	<0.5	<2	0.15	<0.5	13	126	29	5.21
H822453		1.48	<0.005	<0.2	2.87	27	<10	30	<0.5	<2	0.15	<0.5	21	113	34	5.06
H822454		1.28	<0.005	<0.2	2.79	26	<10	30	<0.5	<2	0.97	<0.5	29	97	50	5.17
H822455		0.96	0.032	<0.2	2.14	22	<10	30	<0.5	<2	0.07	<0.5	7	60	8	3.55
H822456		1.40	<0.005	<0.2	2.98	<2	<10	20	<0.5	<2	1.11	<0.5	23	138	57	5.46
H822457		1.20	<0.005	<0.2	2.77	11	<10	20	<0.5	<2	3.18	<0.5	29	131	90	4.58
H822458		1.26	0.012	<0.2	1.94	<2	<10	40	<0.5	2	0.02	<0.5	4	60	40	3.77
H822459		0.86	0.005	<0.2	0.24	10	<10	30	<0.5	<2	0.02	<0.5	2	20	21	0.86
H822460		0.76	<0.005	<0.2	0.23	2	<10	80	<0.5	<2	0.02	<0.5	7	14	11	0.69
H822461		2.88	0.178	<0.2	0.51	59	<10	50	<0.5	9	0.01	<0.5	72	37	36	4.59
H822462		1.54	0.011	<0.2	0.02	5	<10	<10	<0.5	<2	0.01	<0.5	1	21	19	0.77



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H822423		<10	1	0.19	20	1.73	588	<1	0.02	105	740	4	0.42	<2	2	32
H822424		<10	<1	0.24	20	0.93	211	<1	0.01	65	330	<2	0.29	<2	1	3
H822425		10	<1	0.20	30	2.30	403	<1	0.01	42	530	8	0.25	<2	2	8
H822426		<10	1	0.50	20	0.34	79	<1	0.01	23	280	11	0.18	<2	1	5
H822427		<10	<1	0.23	20	0.84	202	1	0.01	18	300	<2	0.11	2	1	7
H822428		<10	<1	0.25	20	0.63	154	<1	0.01	46	260	<2	0.36	<2	1	4
H822429		<10	<1	0.16	10	2.27	603	<1	0.01	59	700	2	0.16	<2	3	9
H822430		10	1	0.18	10	2.59	609	<1	<0.01	52	850	3	0.04	<2	3	5
H822431		10	<1	0.16	20	2.50	612	<1	<0.01	77	760	3	0.23	<2	3	6
H822432		<10	1	0.18	20	1.83	684	<1	0.01	96	740	4	0.35	<2	3	41
H822433		10	1	0.13	20	3.67	1085	<1	<0.01	62	1940	<2	0.06	<2	8	28
H822434		<10	<1	0.09	10	2.41	907	<1	0.03	92	550	10	0.04	<2	5	26
H822435		10	<1	0.10	10	2.70	849	<1	0.02	77	600	4	0.05	<2	5	15
H822436		10	1	0.15	10	2.41	584	<1	0.01	113	580	7	0.17	<2	3	6
H822437		<10	<1	0.08	<10	0.08	53	4	0.01	8	140	11	0.06	<2	1	1
H822438		<10	<1	0.13	<10	0.26	77	2	0.01	23	30	7	1.35	2	1	2
H822439		<10	1	0.27	<10	0.11	52	1	0.01	18	40	9	1.72	<2	1	4
H822440		10	1	0.19	20	2.13	654	<1	0.01	98	780	3	0.26	<2	3	19
H822441		<10	<1	0.23	<10	0.29	76	2	0.01	37	90	2	0.91	<2	<1	3
H822442		<10	<1	0.15	<10	0.68	143	<1	0.01	35	80	3	1.16	<2	1	1
H822443		<10	<1	0.15	<10	0.44	111	2	0.01	7	70	3	0.66	<2	1	2
H822444		<10	<1	0.14	<10	0.56	133	1	0.01	41	90	8	2.60	<2	1	1
H822445		<10	<1	0.15	<10	0.61	143	<1	0.01	64	60	4	2.19	<2	1	2
H822446		<10	1	0.15	<10	0.58	132	3	0.01	66	70	8	2.98	<2	1	2
H822447		<10	<1	0.15	10	0.70	153	1	0.01	121	140	13	7.31	<2	2	1
H822448		<10	<1	0.14	<10	0.02	31	2	0.01	1	90	15	0.16	<2	1	1
H822449		<10	1	0.22	<10	0.18	54	1	0.01	46	90	2	0.51	<2	<1	2
H822450		<10	1	0.16	10	0.92	199	<1	<0.01	53	200	4	0.41	<2	1	3
H822451		<10	<1	0.55	<10	1.33	313	<1	0.01	48	150	<2	0.22	<2	2	3
H822452		<10	<1	0.12	<10	2.40	550	<1	0.01	39	640	6	0.08	<2	4	5
H822453		10	<1	0.12	10	2.36	550	<1	0.02	52	570	8	0.19	<2	4	5
H822454		10	1	0.11	10	2.30	818	<1	0.02	74	620	6	0.24	<2	5	26
H822455		<10	<1	0.24	30	1.46	289	1	0.01	19	480	6	0.02	<2	2	5
H822456		10	<1	0.11	10	2.52	702	<1	0.03	78	670	2	0.28	<2	5	34
H822457		10	<1	0.10	10	2.31	1080	<1	0.04	97	630	3	0.31	3	6	101
H822458		10	<1	0.23	30	1.33	246	1	<0.01	9	410	10	0.06	2	1	7
H822459		<10	<1	0.12	<10	0.07	42	<1	<0.01	8	90	4	0.06	2	<1	3
H822460		<10	<1	0.10	10	0.03	177	<1	0.03	6	40	5	<0.01	<2	2	9
H822461		<10	<1	0.27	<10	0.19	76	2	<0.01	45	30	9	3.98	2	1	2
H822462		<10	<1	0.01	<10	0.01	43	<1	<0.01	3	30	2	0.06	<2	<1	2



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To: MOUNT LOGAN RESOURCES LTD.  
101-957 CAMBRIAN HEIGHTS  
SUDBURY ON P3C 5S5

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## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	TI	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
H822423		<20	0.01	<10	<10	33	<10	58
H822424		<20	<0.01	<10	<10	12	<10	140
H822425		<20	<0.01	<10	<10	24	<10	47
H822426		<20	0.05	<10	<10	7	<10	8
H822427		<20	<0.01	<10	<10	11	<10	20
H822428		<20	0.01	<10	<10	9	<10	19
H822429		<20	0.01	<10	<10	37	<10	63
H822430		<20	0.01	<10	<10	36	<10	67
H822431		<20	0.01	<10	<10	37	<10	70
H822432		<20	0.01	<10	<10	38	<10	60
H822433		<20	0.01	<10	<10	68	<10	114
H822434		<20	0.04	<10	<10	56	<10	85
H822435		<20	0.02	<10	<10	61	<10	96
H822436		<20	0.03	<10	<10	44	<10	66
H822437		<20	0.01	<10	<10	8	<10	4
H822438		<20	0.02	<10	<10	15	<10	6
H822439		<20	0.05	<10	<10	7	<10	3
H822440		<20	0.01	<10	<10	39	<10	68
H822441		<20	0.02	<10	<10	5	<10	7
H822442		<20	0.02	<10	<10	20	<10	15
H822443		<20	0.02	<10	<10	16	<10	10
H822444		<20	0.02	<10	<10	19	<10	13
H822445		<20	0.02	<10	<10	17	<10	14
H822446		<20	0.02	<10	<10	18	<10	14
H822447		<20	0.02	<10	<10	23	<10	18
H822448		<20	0.02	<10	<10	14	<10	<2
H822449		<20	0.02	<10	<10	4	<10	5
H822450		<20	0.03	<10	<10	18	<10	22
H822451		<20	0.12	<10	<10	29	<10	44
H822452		<20	0.03	<10	<10	50	<10	75
H822453		<20	0.03	<10	<10	51	<10	61
H822454		<20	0.03	<10	<10	54	<10	68
H822455		<20	<0.01	<10	<10	22	<10	33
H822456		<20	0.02	<10	<10	64	<10	66
H822457		<20	0.03	<10	<10	63	<10	65
H822458		<20	<0.01	<10	<10	18	<10	31
H822459		<20	0.01	<10	<10	3	<10	3
H822460		<20	<0.01	<10	<10	7	<10	5
H822461		<20	0.05	<10	<10	9	<10	6
H822462		<20	<0.01	<10	<10	1	<10	6



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To: MOUNT LOGAN RESOURCES LTD.  
 101-957 CAMBRIAN HEIGHTS  
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Project: PARDO

**CERTIFICATE OF ANALYSIS SD09093497**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H822463		1.24	<0.005	<0.2	0.82	9	<10	10	<0.5	<2	2.44	<0.5	10	39	38	1.52
H822464		1.44	0.137	<0.2	0.37	27	<10	30	<0.5	2	0.01	<0.5	7	28	22	1.95
H822465		1.84	0.010	<0.2	0.68	6	<10	60	<0.5	<2	0.02	<0.5	9	26	31	1.54
H822466		1.56	0.097	<0.2	0.47	16	<10	40	<0.5	<2	0.01	<0.5	12	31	23	1.79
H822467		1.38	0.044	<0.2	1.12	15	<10	50	<0.5	<2	0.01	<0.5	8	54	38	2.39
H822468		1.42	0.024	<0.2	0.56	8	<10	20	<0.5	<2	0.02	<0.5	12	38	46	1.74
H822469		1.18	0.033	0.3	0.58	5	<10	30	<0.5	<2	0.01	<0.5	30	41	237	2.52
H822470		0.92	0.113	<0.2	0.75	22	<10	60	<0.5	<2	0.01	<0.5	12	31	63	3.09
H822471		1.16	0.012	<0.2	4.36	2	10	20	<0.5	<2	2.36	<0.5	15	22	140	1.96
H822472		0.80	0.168	<0.2	0.49	60	<10	40	<0.5	3	0.02	<0.5	58	41	74	5.17
H822473		0.96	0.085	<0.2	0.46	25	<10	30	<0.5	3	0.02	<0.5	22	33	50	2.61
H822474		0.78	0.179	<0.2	0.78	66	<10	30	<0.5	<2	0.04	<0.5	79	44	112	5.92
H822475		1.40	0.023	<0.2	0.65	4	<10	20	<0.5	<2	0.01	<0.5	12	39	86	1.90
H822476		1.68	0.310	0.2	0.63	67	<10	30	<0.5	2	0.02	<0.5	78	47	166	6.25
H822477		0.98	0.055	<0.2	0.38	19	<10	20	<0.5	2	0.01	<0.5	10	29	45	1.81
H822478		0.70	0.139	<0.2	0.55	30	<10	40	<0.5	3	0.01	<0.5	26	36	73	2.91
H822479		1.68	0.040	<0.2	1.81	13	<10	30	<0.5	<2	0.07	<0.5	26	84	101	4.69
H822480		0.34	<0.005	<0.2	0.31	3	<10	40	<0.5	<2	0.02	<0.5	2	10	3	0.64
H822481		1.28	0.058	<0.2	1.63	11	<10	30	<0.5	<2	0.10	<0.5	43	78	142	4.08
H822482		0.66	0.037	<0.2	2.03	8	<10	30	<0.5	<2	0.13	<0.5	32	92	100	4.52
H822483		1.62	0.013	<0.2	3.85	<2	<10	50	<0.5	<2	0.07	<0.5	12	205	112	8.14
H822484		1.40	<0.005	<0.2	1.92	<2	<10	70	<0.5	<2	0.17	<0.5	10	74	12	3.32
H822485		0.74	0.082	<0.2	3.60	20	<10	40	<0.5	<2	0.06	<0.5	2	151	45	9.06
H822486		1.94	<0.005	<0.2	1.80	<2	<10	60	<0.5	<2	0.04	<0.5	18	55	32	3.01
H822487		1.62	0.033	<0.2	1.46	6	<10	50	<0.5	<2	0.14	<0.5	4	56	19	2.48
H822488		1.06	0.108	<0.2	1.63	11	<10	30	<0.5	<2	0.06	<0.5	19	75	58	4.07
H822489		1.30	0.010	<0.2	0.62	4	<10	20	<0.5	3	0.01	<0.5	36	33	172	2.61
H822490		1.38	0.007	<0.2	0.73	3	<10	20	<0.5	<2	0.01	<0.5	8	34	39	1.82
H822491		1.90	0.146	<0.2	1.22	52	<10	40	<0.5	5	0.01	<0.5	112	80	88	7.08
H822492		1.30	0.165	<0.2	1.36	50	<10	30	<0.5	5	0.03	<0.5	92	50	77	6.73
H822493		1.18	0.088	<0.2	1.40	29	<10	50	<0.5	2	0.01	<0.5	58	62	91	6.11
H822494		0.76	0.201	0.3	1.35	52	<10	40	<0.5	4	0.01	<0.5	122	34	50	6.97
H822495		1.86	1.050	0.3	0.63	79	<10	20	<0.5	9	0.02	<0.5	112	47	128	8.22
H822496		2.04	0.021	<0.2	2.11	<2	<10	40	<0.5	2	0.07	<0.5	23	95	41	5.25
H822497		1.98	0.009	<0.2	2.73	<2	<10	40	<0.5	3	0.14	<0.5	27	84	43	6.67
H822498		2.62	0.163	0.2	1.73	22	<10	40	<0.5	2	0.02	<0.5	39	71	128	6.44
H822499		1.40	0.725	0.5	0.91	65	<10	20	<0.5	9	0.01	<0.5	92	34	82	8.48
H822500		0.72	0.007	<0.2	2.23	<2	<10	30	<0.5	<2	0.05	<0.5	21	70	10	4.12
H822501		1.24	0.397	<0.2	0.36	43	<10	10	<0.5	6	0.02	<0.5	67	29	85	4.84
H822502		1.98	0.006	<0.2	2.44	<2	<10	60	<0.5	2	0.13	<0.5	22	71	38	5.95



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To: MOUNT LOGAN RESOURCES LTD.  
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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
H822463		<10	<1	0.06	10	0.56	661	<1	0.06	36	40	3	0.03	<2	2	88
H822464		<10	<1	0.12	<10	0.18	67	1	<0.01	4	50	4	0.36	<2	1	3
H822465		<10	<1	0.20	<10	0.42	123	<1	<0.01	20	30	<2	0.24	<2	<1	1
H822466		<10	<1	0.19	<10	0.26	71	<1	<0.01	15	40	2	0.66	2	1	1
H822467		<10	<1	0.16	<10	0.78	171	1	<0.01	19	60	<2	0.19	<2	1	1
H822468		<10	<1	0.10	<10	0.34	106	<1	<0.01	19	50	<2	0.44	2	1	4
H822469		<10	<1	0.12	10	0.30	109	<1	<0.01	48	70	8	1.04	2	1	2
H822470		<10	<1	0.18	<10	0.40	117	18	<0.01	18	90	3	0.46	<2	1	3
H822471		10	<1	0.11	<10	0.94	228	<1	0.50	56	150	<2	0.06	<2	2	82
H822472		<10	<1	0.16	<10	0.24	80	1	<0.01	48	80	12	3.54	2	1	3
H822473		<10	<1	0.09	<10	0.27	85	1	<0.01	16	70	7	1.32	3	1	2
H822474		<10	<1	0.12	<10	0.48	131	1	<0.01	85	70	11	4.73	2	1	1
H822475		<10	<1	0.10	<10	0.44	123	<1	<0.01	26	50	3	0.42	<2	1	1
H822476		<10	<1	0.13	<10	0.38	108	2	<0.01	81	120	16	5.08	2	1	1
H822477		<10	<1	0.09	<10	0.23	81	1	<0.01	19	40	3	0.41	<2	1	1
H822478		<10	<1	0.11	<10	0.35	92	1	<0.01	28	50	5	1.44	3	1	2
H822479		<10	<1	0.21	<10	1.25	359	1	<0.01	81	140	2	1.02	<2	2	1
H822480		<10	<1	0.17	20	0.02	49	<1	0.01	4	50	<2	0.01	2	<1	4
H822481		10	<1	0.19	<10	1.13	304	<1	<0.01	105	190	3	1.29	<2	2	2
H822482		<10	<1	0.23	<10	1.38	424	1	<0.01	88	290	<2	0.88	<2	3	2
H822483		10	<1	0.55	<10	2.70	834	2	<0.01	35	340	<2	0.30	<2	10	3
H822484		<10	<1	0.38	10	1.19	407	<1	<0.01	42	710	<2	0.02	2	2	2
H822485		10	<1	0.39	<10	2.59	722	<1	<0.01	16	330	5	0.49	2	7	3
H822486		<10	<1	0.31	20	1.10	306	<1	<0.01	72	50	<2	0.13	2	1	1
H822487		<10	<1	0.33	10	0.90	217	1	<0.01	14	780	3	0.01	<2	1	2
H822488		<10	<1	0.31	<10	1.08	297	1	<0.01	58	110	2	0.79	2	2	1
H822489		<10	<1	0.11	<10	0.37	101	<1	<0.01	59	60	<2	1.16	2	1	2
H822490		<10	<1	0.10	<10	0.46	100	<1	<0.01	11	80	<2	0.16	3	1	2
H822491		<10	<1	0.28	10	0.60	194	1	<0.01	70	90	8	4.41	2	2	1
H822492		<10	<1	0.24	<10	0.72	222	1	<0.01	78	150	3	4.02	3	2	2
H822493		<10	1	0.38	10	0.67	198	1	0.01	21	80	4	2.04	4	2	3
H822494		<10	<1	0.30	<10	0.72	214	2	0.01	82	70	11	4.17	<2	2	3
H822495		<10	1	0.09	<10	0.34	116	4	0.01	112	50	17	7.07	2	1	4
H822496		<10	<1	0.24	10	1.15	391	<1	0.01	50	410	2	0.38	4	3	4
H822497		<10	<1	0.25	10	1.53	506	1	0.01	84	750	<2	0.48	<2	4	5
H822498		<10	<1	0.30	<10	0.94	257	2	0.01	60	130	8	1.89	<2	2	3
H822499		<10	<1	0.09	<10	0.51	169	11	0.01	89	40	14	6.36	2	1	4
H822500		10	<1	0.07	<10	1.33	593	<1	0.04	68	170	<2	0.04	2	2	4
H822501		<10	1	0.07	<10	0.18	79	1	0.01	68	30	9	4.11	<2	1	3
H822502		10	1	0.65	10	1.34	418	1	0.01	88	660	<2	0.59	3	4	7



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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
H822463		<20	0.02	<10	<10	15	<10	25
H822464		<20	0.02	<10	<10	11	<10	5
H822465		<20	0.02	<10	<10	8	<10	10
H822466		<20	0.02	<10	<10	11	<10	11
H822467		<20	0.02	<10	<10	21	<10	18
H822468		<20	0.02	<10	<10	12	<10	16
H822469		<20	0.01	<10	<10	8	<10	7
H822470		<20	0.02	<10	<10	12	<10	9
H822471		<20	0.07	<10	<10	27	<10	24
H822472		<20	0.03	<10	<10	17	<10	6
H822473		<20	0.02	<10	<10	12	<10	6
H822474		<20	0.07	<10	<10	19	<10	11
H822475		<20	0.01	<10	<10	11	<10	24
H822476		<20	0.02	<10	<10	18	<10	20
H822477		<20	0.01	<10	<10	9	<10	62
H822478		<20	0.01	<10	<10	12	<10	26
H822479		<20	0.08	<10	<10	37	<10	33
H822480		<20	<0.01	<10	<10	4	<10	<2
H822481		<20	0.08	<10	<10	33	<10	28
H822482		<20	0.11	<10	<10	39	<10	38
H822483		<20	0.10	<10	<10	104	<10	79
H822484		<20	0.04	<10	<10	18	<10	89
H822485		<20	0.15	<10	<10	104	<10	69
H822486		<20	0.04	<10	<10	18	<10	72
H822487		<20	0.02	<10	<10	13	<10	22
H822488		<20	0.11	<10	<10	37	<10	29
H822489		<20	0.01	<10	<10	8	<10	15
H822490		<20	0.01	<10	<10	9	<10	13
H822491		<20	0.03	<10	<10	25	<10	18
H822492		<20	0.03	<10	<10	24	<10	22
H822493		<20	0.16	<10	<10	27	<10	22
H822494		<20	0.03	<10	<10	23	<10	27
H822495		<20	0.02	<10	<10	11	<10	12
H822496		<20	0.03	10	<10	34	<10	38
H822497		<20	0.03	<10	<10	42	<10	49
H822498		<20	0.03	<10	<10	30	<10	28
H822499		<20	0.03	<10	<10	16	<10	18
H822500		<20	<0.01	<10	<10	29	<10	46
H822501		<20	0.02	<10	<10	6	<10	6
H822502		<20	0.09	<10	<10	47	<10	48





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Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	1	1	1	0.01	
H822503		1.90	0.005	<0.2	4.16	<2	<10	40	<0.5	4	0.13	<0.5	36	104	41	9.51
H822504		1.30	<0.005	<0.2	3.44	<2	<10	40	<0.5	3	0.14	<0.5	44	114	70	8.25
H822505		1.44	0.037	<0.2	0.74	20	<10	30	<0.5	<2	0.03	<0.5	28	42	88	3.07
H822506		1.64	0.235	<0.2	0.56	50	<10	20	<0.5	<2	0.01	<0.5	57	42	62	4.30
H822507		1.30	0.280	0.2	0.80	62	<10	20	<0.5	<2	0.01	<0.5	84	53	74	5.89
H822508		1.84	0.034	<0.2	0.55	18	<10	40	<0.5	<2	0.02	<0.5	18	40	56	2.08
H822509		1.24	0.391	<0.2	1.31	66	<10	50	<0.5	4	0.03	<0.5	133	46	134	8.67
H822510		1.52	0.006	<0.2	0.78	<2	<10	40	<0.5	<2	0.01	<0.5	6	28	30	1.84
H822511		1.32	0.079	<0.2	1.02	<2	<10	50	<0.5	<2	0.01	<0.5	42	34	200	3.69
H822512		0.96	0.013	<0.2	0.97	<2	<10	40	<0.5	<2	0.26	<0.5	10	36	81	2.39
H822513		1.52	0.005	<0.2	3.64	<2	<10	40	<0.5	<2	0.26	<0.5	17	110	40	5.59
H822514		1.44	<0.005	<0.2	3.29	<2	<10	40	<0.5	<2	0.25	<0.5	19	85	44	5.14
H822515		1.42	<0.005	<0.2	3.60	<2	<10	40	<0.5	<2	0.24	<0.5	19	112	52	5.65
H822516		0.84	0.006	<0.2	2.45	<2	<10	30	<0.5	2	0.58	<0.5	23	97	89	4.51
H822517		2.00	0.010	<0.2	0.94	<2	<10	30	<0.5	2	0.01	<0.5	27	40	100	3.78
H822518		1.32	0.217	<0.2	1.86	19	<10	40	<0.5	3	0.03	<0.5	51	50	110	7.07
H822519		1.04	0.160	<0.2	0.10	20	<10	20	<0.5	2	0.01	<0.5	2	16	8	1.22
H822520		0.60	<0.005	<0.2	3.26	23	<10	40	0.5	<2	0.70	<0.5	21	122	43	5.34
H822521		1.58	0.482	<0.2	0.22	86	<10	20	<0.5	12	0.01	<0.5	109	26	105	7.76
H822522		1.40	0.062	<0.2	1.25	6	<10	50	<0.5	<2	0.01	<0.5	11	63	92	4.59
H822523		1.94	0.542	0.2	0.13	58	<10	10	<0.5	2	0.01	<0.5	40	23	72	3.55
H822524		3.78	1.255	<0.2	0.23	56	<10	20	<0.5	4	0.01	<0.5	50	26	63	3.85
H822525		1.48	0.008	<0.2	2.75	2	<10	60	<0.5	<2	0.18	<0.5	16	103	10	4.52
H822526		1.74	0.016	<0.2	3.20	<2	<10	50	<0.5	<2	0.23	<0.5	20	146	26	5.48
H822527		1.86	0.100	<0.2	2.96	<2	<10	50	<0.5	<2	0.29	<0.5	19	163	36	4.95
H822528		1.68	0.007	<0.2	3.18	2	<10	40	<0.5	<2	0.37	<0.5	23	83	10	5.21
H822529		2.32	<0.005	<0.2	3.77	3	<10	20	<0.5	<2	0.14	<0.5	16	212	21	6.09
H822530		1.58	0.006	<0.2	2.90	5	<10	30	<0.5	<2	0.11	<0.5	16	96	11	4.74



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Finalized Date: 14-SEP-2009

Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09093497

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H822503		10	<1	0.30	10	2.47	801	<1	0.01	76	640	<2	0.41	2	6	6
H822504		10	1	0.29	10	2.09	677	1	0.01	94	600	<2	0.82	<2	4	4
H822505		<10	<1	0.16	<10	0.45	139	2	0.01	41	90	5	1.44	<2	1	3
H822506		<10	<1	0.12	<10	0.29	96	1	0.01	35	40	7	3.22	<2	1	2
H822507		<10	1	0.12	<10	0.47	142	2	0.01	58	60	7	4.61	5	1	2
H822508		<10	<1	0.20	<10	0.33	112	1	0.01	21	60	5	0.81	2	1	4
H822509		<10	<1	0.26	10	0.69	216	2	0.01	129	90	8	6.28	2	2	2
H822510		<10	<1	0.27	<10	0.38	84	1	0.01	18	70	<2	0.22	2	1	2
H822511		<10	1	0.33	30	0.45	115	1	0.01	62	90	29	1.54	2	2	3
H822512		<10	1	0.29	10	0.45	108	2	0.01	13	1240	50	0.57	3	1	12
H822513		10	1	0.54	10	3.13	695	2	0.01	52	650	<2	0.06	<2	5	6
H822514		10	<1	0.59	10	2.78	635	1	0.02	60	590	2	0.09	2	5	7
H822515		10	1	0.59	10	3.10	702	1	0.02	55	520	4	0.08	2	6	7
H822516		10	1	0.18	20	1.85	575	<1	0.02	100	690	2	0.24	2	2	19
H822517		<10	1	0.26	10	0.47	126	2	0.01	41	120	2	0.92	<2	1	3
H822518		10	<1	0.29	10	0.91	323	1	0.01	80	80	2	2.58	<2	3	1
H822519		<10	1	0.13	<10	0.01	32	2	0.01	2	30	6	0.28	<2	<1	4
H822520		10	<1	0.11	20	2.47	763	1	0.04	81	690	3	<0.01	3	8	58
H822521		<10	<1	0.17	10	0.04	37	3	0.01	100	60	17	7.11	<2	1	3
H822522		<10	1	0.29	10	0.65	182	1	0.01	5	180	<2	0.48	<2	2	4
H822523		<10	1	0.08	<10	0.04	38	1	0.01	36	40	15	2.87	4	<1	3
H822524		<10	<1	0.18	<10	0.03	32	3	0.01	47	40	12	3.49	<2	1	2
H822525		10	1	0.31	<10	2.30	533	1	0.02	52	560	4	0.08	3	4	6
H822526		10	<1	0.45	<10	2.71	618	<1	0.02	61	540	4	0.16	2	6	6
H822527		10	<1	0.34	10	2.54	599	1	0.03	68	660	7	0.09	<2	4	8
H822528		10	1	0.28	10	2.84	667	1	0.02	77	580	21	0.09	3	5	7
H822529		10	<1	0.11	10	3.22	628	<1	<0.01	55	720	4	0.09	2	4	5
H822530		10	<1	0.25	10	2.50	488	1	0.02	42	500	4	0.18	<2	5	6



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Project: PARDO

<b>CERTIFICATE OF ANALYSIS SD09093497</b>
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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	TI	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
H822503		<20	0.05	<10	<10	69	<10	81
H822504		<20	0.04	<10	<10	53	<10	87
H822505		<20	0.03	<10	<10	16	<10	13
H822506		<20	0.02	<10	<10	12	<10	9
H822507		<20	0.01	<10	<10	16	<10	14
H822508		<20	0.04	<10	<10	13	<10	22
H822509		<20	0.04	<10	<10	21	<10	24
H822510		<20	0.01	<10	<10	8	<10	26
H822511		<20	0.02	<10	<10	16	<10	9
H822512		<20	0.01	<10	<10	14	<10	10
H822513		<20	0.22	<10	<10	53	<10	63
H822514		<20	0.20	<10	<10	55	<10	60
H822515		<20	0.22	<10	<10	59	<10	66
H822516		<20	0.01	<10	<10	33	<10	52
H822517		<20	0.02	<10	<10	16	<10	13
H822518		<20	0.06	<10	<10	29	<10	34
H822519		<20	0.04	<10	<10	4	<10	<2
H822520		<20	0.24	<10	<10	74	<10	75
H822521		<20	0.05	<10	<10	7	<10	2
H822522		<20	0.03	<10	<10	20	<10	16
H822523		<20	<0.01	<10	<10	3	<10	2
H822524		<20	<0.01	<10	<10	6	<10	<2
H822525		<20	0.08	<10	<10	44	<10	61
H822526		<20	0.13	<10	<10	63	<10	66
H822527		<20	0.09	<10	<10	47	<10	69
H822528		<20	0.07	<10	<10	54	<10	144
H822529		<20	0.02	<10	<10	53	<10	67
H822530		<20	0.04	<10	<10	61	<10	50



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Finalized Date: 24-DEC-2009  
This copy reported on 22-APR-2010  
Account: MNTLGN

## CERTIFICATE SD09140981

Project: PARDO

P.O. No.:

This report is for 26 Crushed Rock samples submitted to our lab in Sudbury, ON, Canada on 14-DEC-2009.

The following have access to data associated with this certificate:

RICHARD MURPHY

JNT LOGAN/GINGURO WEBTRI

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNT LOGAN RESOURCES LTD.  
ATTN: ALS CHEMEX

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS SD09140981**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H930535		2.24	0.013		<0.2	3.94	2	<10	30	<0.5	<2	0.22	<0.5	19	117	7
H930541		1.58	<0.005		<0.2	3.91	2	<10	50	<0.5	<2	0.32	<0.5	24	140	7
H930557		1.18	0.011		0.2	3.01	<2	<10	60	<0.5	<2	0.15	<0.5	12	134	21
H930561		1.54	0.583		0.8	0.50	110	<10	20	<0.5	17	0.02	<0.5	133	27	134
H930562		2.80	0.086		0.3	1.30	30	<10	40	<0.5	4	0.01	<0.5	60	70	90
H930563		2.06	0.050		0.2	3.59	<2	<10	40	<0.5	<2	0.17	<0.5	47	116	90
H930564		1.50	0.005		<0.2	2.23	2	<10	40	<0.5	<2	0.09	<0.5	31	66	81
H930565		1.62	0.254		<0.2	3.19	3	<10	40	<0.5	<2	0.14	<0.5	47	82	79
H930566		1.60	0.010		<0.2	2.47	<2	<10	50	<0.5	2	0.13	<0.5	24	108	49
H930567		1.64	0.055		<0.2	0.66	4	<10	10	<0.5	<2	0.01	<0.5	46	36	160
H930568		2.96	1.040		0.2	0.59	97	<10	20	<0.5	13	0.03	<0.5	218	26	344
H930569		1.38	1.820		0.6	0.30	59	<10	20	<0.5	4	0.01	<0.5	63	23	114
H930570		0.48	0.286		0.4	0.75	79	<10	30	<0.5	4	0.03	<0.5	100	40	111
H930571		1.14	0.101		0.2	0.57	27	<10	30	<0.5	<2	0.02	<0.5	22	34	40
H930572		2.58	2.76		0.3	3.54	4	<10	50	<0.5	<2	0.40	<0.5	22	135	66
H930723		1.50	0.008		<0.2	3.21	<2	<10	20	<0.5	<2	0.12	<0.5	16	113	32
H930728		2.38	<0.005		<0.2	3.94	<2	<10	20	<0.5	<2	0.12	<0.5	15	131	18
H930735		3.14	0.023		<0.2	1.66	2	<10	30	<0.5	<2	0.15	1.1	18	93	5
H930736		2.12	>10.0	107.5	2.8	1.72	33	<10	30	<0.5	4	0.15	2.9	89	148	143
H930737		3.06	>10.0	11.85	0.7	1.71	21	<10	20	<0.5	5	0.10	2.1	65	133	118
H930738		2.54	2.62		1.7	2.17	79	<10	30	<0.5	13	0.45	<0.5	159	103	263
H930739		2.18	5.26		0.5	2.53	51	<10	30	<0.5	5	0.38	<0.5	97	91	169
H930741		2.16	1.040		0.6	3.18	<2	<10	40	<0.5	<2	0.15	<0.5	57	79	849
H930743		2.52	0.485		0.2	3.29	2	<10	40	<0.5	<2	0.18	<0.5	38	126	145
H930744		2.74	0.543		0.8	0.82	102	<10	20	<0.5	15	0.03	<0.5	147	60	143
H930745		2.24	0.107		0.2	1.74	23	<10	40	<0.5	<2	0.04	<0.5	54	63	110



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Finalized Date: 24-DEC-2009  
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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09140981

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H930535		6.12	10	<1	0.31	<10	3.28	750	1	0.03	77	610	9	0.08	<2	6
H930541		5.89	10	<1	0.38	<10	3.31	825	<1	0.02	100	520	<2	0.13	<2	5
H930557		4.60	10	<1	0.22	10	2.44	553	1	0.02	46	710	2	0.05	<2	3
H930561		9.48	<10	<1	0.09	<10	0.25	99	1	0.01	145	40	24	9.67	<2	1
H930562		5.25	<10	<1	0.28	<10	0.63	204	1	0.01	41	70	7	2.59	<2	2
H930563		8.51	10	<1	0.40	10	1.91	700	1	0.02	93	940	<2	1.02	<2	4
H930564		5.31	10	<1	0.21	10	1.16	391	1	0.01	69	440	<2	0.73	<2	2
H930565		7.36	10	<1	0.22	10	1.72	566	1	0.02	101	750	<2	0.81	<2	3
H930566		5.19	<10	<1	0.27	10	1.30	447	1	0.01	57	780	<2	0.35	<2	2
H930567		3.38	<10	<1	0.07	<10	0.38	113	<1	0.01	61	50	5	2.24	<2	1
H930568		8.84	<10	1	0.16	10	0.24	72	3	0.01	126	60	12	8.73	<2	1
H930569		4.89	<10	<1	0.12	<10	0.11	40	1	0.01	75	50	11	4.91	<2	1
H930570		6.61	<10	<1	0.12	<10	0.43	125	3	0.01	84	100	13	5.65	<2	1
H930571		2.27	<10	<1	0.12	<10	0.32	96	<1	0.01	23	50	5	1.09	<2	1
H930572		5.86	10	<1	0.38	10	2.80	542	1	0.04	93	640	<2	0.49	<2	7
H930723		4.94	10	<1	0.13	10	2.42	435	1	0.02	60	670	<2	0.17	<2	4
H930728		5.87	10	<1	0.09	10	2.95	513	<1	0.02	48	720	<2	0.07	<2	5
H930735		2.43	<10	1	0.36	<10	0.77	171	<1	<0.01	56	450	<2	0.02	<2	2
H930736		5.66	10	<1	0.35	10	1.73	401	<1	<0.01	103	370	23	3.46	<2	5
H930737		1.74	<10	1	0.47	<10	0.78	171	<1	<0.01	103	240	11	1.00	<2	3
H930738		10.95	<10	1	0.21	<10	1.69	400	1	0.02	123	280	31	9.41	<2	4
H930739		7.99	10	<1	0.30	<10	1.95	415	2	0.02	96	270	12	4.95	<2	5
H930741		6.55	10	<1	0.33	<10	2.35	648	<1	0.02	139	540	<2	1.45	<2	5
H930743		6.19	10	<1	0.23	<10	2.43	676	1	0.02	136	560	4	1.05	<2	5
H930744		10.15	<10	<1	0.12	10	0.42	139	1	0.01	136	60	18	>10.0	<2	1
H930745		5.62	<10	<1	0.28	20	0.87	271	2	0.01	114	100	6	2.73	<2	2



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Project: PARDO

<b>CERTIFICATE OF ANALYSIS SD09140981</b>
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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H930535		7	<20	0.14	<10	<10	80	<10	82
H930541		11	<20	0.12	<10	<10	80	<10	87
H930557		7	<20	0.03	<10	<10	38	<10	60
H930561		3	<20	0.02	<10	<10	8	<10	10
H930562		2	<20	0.04	<10	<10	24	<10	20
H930563		6	<20	0.07	<10	<10	59	<10	70
H930564		3	<20	0.03	<10	<10	29	<10	43
H930565		5	<20	0.03	<10	<10	48	<10	59
H930566		6	<20	0.02	<10	<10	31	<10	48
H930567		1	<20	0.01	<10	<10	11	<10	12
H930568		2	<20	0.01	<10	<10	10	<10	6
H930569		2	20	<0.01	<10	<10	5	<10	5
H930570		3	<20	0.04	<10	<10	17	<10	11
H930571		5	<20	0.02	<10	<10	12	<10	12
H930572		18	<20	0.10	<10	<10	77	<10	101
H930723		6	<20	0.01	<10	<10	54	<10	53
H930728		6	<20	0.01	<10	<10	79	<10	67
H930735		4	<20	0.14	<10	<10	54	<10	56
H930736		27	<20	0.09	<10	50	66	<10	107
H930737		5	<20	0.11	<10	10	62	<10	217
H930738		11	<20	0.05	<10	<10	45	<10	56
H930739		14	<20	0.06	<10	<10	70	<10	67
H930741		4	<20	0.07	<10	<10	55	<10	77
H930743		9	<20	0.08	<10	<10	51	<10	72
H930744		3	<20	0.03	<10	<10	12	<10	15
H930745		3	<20	0.04	<10	<10	25	<10	35



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Finalized Date: 8-OCT-2009  
This copy reported on 22-APR-2010  
Account: MNTLGN

## CERTIFICATE SD09101970

Project: PARDO  
P.O. No.:  
This report is for 34 Rock samples submitted to our lab in Sudbury, ON, Canada on 17-SEP-2009.  
The following have access to data associated with this certificate:

DANNIEL OOSTERMAN	JNT LOGAN/GINGURO WEBTRI
-------------------	--------------------------

## SAMPLE PREPARATION

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

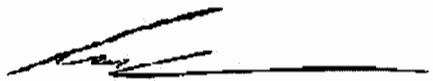
## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNT LOGAN RESOURCES LTD.  
ATTN: ALS CHEMEX

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager





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Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09101970

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H930575		2.04	0.007		<0.2	2.43	<2	<10	80	<0.5	<2	0.22	<0.5	15	72	22
H930576		1.48	0.034		0.2	2.13	2	<10	60	<0.5	2	0.09	<0.5	16	59	41
H930577		1.58	0.089		<0.2	2.61	<2	<10	80	<0.5	<2	0.23	<0.5	17	88	16
H930578		2.54	0.041		<0.2	2.27	2	<10	50	<0.5	<2	0.45	<0.5	20	104	16
H930579		1.68	0.019		<0.2	3.20	<2	<10	80	<0.5	<2	0.18	<0.5	23	125	56
H930580		0.70	<0.005		0.2	0.90	<2	<10	50	<0.5	<2	6.08	<0.5	4	26	16
H930581		0.88	0.729		0.3	2.27	<2	<10	40	<0.5	<2	0.17	<0.5	21	58	31
H930582		0.82	0.050		<0.2	2.16	3	<10	50	<0.5	<2	0.07	<0.5	27	42	18
H930583		1.40	0.027		<0.2	1.50	2	<10	70	<0.5	<2	0.24	<0.5	7	32	2
H930584		1.44	0.043		0.2	1.89	8	<10	50	<0.5	<2	0.19	<0.5	5	44	2
H930585		1.28	0.228		<0.2	2.60	6	<10	60	<0.5	<2	0.16	<0.5	7	124	3
H930586		1.32	0.011		<0.2	2.10	3	<10	50	<0.5	<2	0.18	<0.5	13	58	4
H930587		2.02	0.011		<0.2	2.86	<2	<10	50	<0.5	<2	0.20	<0.5	11	73	5
H930588		2.30	0.010		<0.2	1.78	<2	<10	60	<0.5	<2	0.12	<0.5	7	44	9
H930589		2.44	0.073		<0.2	1.91	<2	<10	40	<0.5	2	0.05	<0.5	9	49	9
H930590		1.12	0.030		<0.2	1.17	<2	<10	60	<0.5	<2	0.04	<0.5	7	28	4
H930591		0.74	<0.005		<0.2	2.04	<2	<10	70	<0.5	<2	0.11	<0.5	8	43	6
H930592		1.44	<0.005		<0.2	2.55	25	<10	120	<0.5	<2	0.28	<0.5	19	145	42
H930593		1.72	<0.005		<0.2	3.48	8	<10	30	<0.5	<2	0.16	<0.5	20	90	29
H930594		1.72	<0.005		<0.2	3.25	2	<10	40	<0.5	<2	0.24	<0.5	15	116	26
H930595		0.72	0.021		0.3	4.27	<2	<10	20	<0.5	<2	0.16	<0.5	67	193	248
H930596		2.20	>10.0	24.8	2.7	3.96	8	<10	80	<0.5	2	0.34	<0.5	35	159	78
H930597		1.46	0.013		<0.2	1.38	2	<10	70	<0.5	<2	0.02	<0.5	31	49	112
H930598		1.24	0.007		<0.2	1.28	<2	<10	50	<0.5	<2	0.01	<0.5	13	38	29
H930599		1.32	0.201		<0.2	2.69	2	<10	50	<0.5	<2	0.16	<0.5	49	108	112
H930600		0.48	<0.005		0.2	0.87	<2	<10	50	<0.5	<2	5.74	<0.5	5	24	13
H930601		1.46	0.006		<0.2	1.11	<2	<10	50	<0.5	<2	0.08	<0.5	6	33	64
H930602		1.90	0.872		<0.2	3.73	<2	<10	40	<0.5	<2	0.29	<0.5	14	206	40
H930603		1.94	1.810		0.2	2.61	<2	<10	60	<0.5	<2	0.37	<0.5	9	75	28
H930604		1.80	0.946		<0.2	2.96	<2	<10	50	<0.5	2	0.13	<0.5	15	55	60
H930605		2.08	0.090		<0.2	3.26	<2	<10	50	<0.5	<2	0.19	<0.5	30	94	142
H930606		1.68	0.121		<0.2	4.78	<2	<10	30	<0.5	2	0.17	<0.5	42	80	172
H930607		1.94	0.858		0.2	2.29	<2	<10	40	<0.5	<2	0.20	<0.5	13	52	118
H930608		1.06	0.040		<0.2	4.39	<2	<10	30	<0.5	2	0.17	<0.5	36	128	173



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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09101970

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe % 0.01	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1
H930575		3.93	10	1	0.86	<10	1.87	424	1	0.02	61	480	7	0.11	<2	4
H930576		3.53	10	<1	0.59	<10	1.70	315	1	0.02	46	240	9	0.21	<2	3
H930577		4.12	10	<1	0.90	10	1.94	419	1	0.05	61	520	3	0.12	<2	5
H930578		3.98	10	<1	0.70	10	1.76	507	1	0.02	50	490	<2	0.25	<2	4
H930579		5.81	10	1	1.17	10	2.62	486	1	0.02	65	650	3	0.39	3	7
H930580		1.25	<10	<1	0.21	20	1.05	181	1	0.06	12	440	<2	0.18	<2	2
H930581		4.11	10	<1	0.60	<10	1.86	392	1	0.01	60	210	2	0.30	<2	3
H930582		3.59	10	<1	0.48	<10	1.74	342	1	0.01	46	180	4	0.18	<2	3
H930583		2.29	<10	<1	0.51	<10	0.99	218	1	0.02	26	470	<2	0.05	<2	2
H930584		3.33	10	1	0.40	20	1.35	305	1	0.02	35	640	<2	0.08	<2	3
H930585		4.45	10	1	0.44	<10	2.00	429	2	0.02	52	510	2	0.03	<2	4
H930586		3.52	10	<1	0.36	<10	1.53	353	1	0.02	34	590	3	0.16	<2	2
H930587		4.74	10	<1	0.36	10	2.21	519	2	0.02	41	570	6	0.04	<2	4
H930588		2.86	<10	1	0.37	<10	1.23	285	1	0.01	29	430	4	0.06	<2	2
H930589		3.54	10	1	0.16	<10	1.44	354	1	0.01	18	300	10	0.05	<2	2
H930590		2.26	<10	1	0.37	<10	0.85	238	1	0.01	17	210	<2	0.01	<2	1
H930591		3.46	10	<1	0.48	<10	1.45	367	1	0.01	25	310	12	0.03	<2	3
H930592		4.02	10	<1	0.76	10	1.85	592	1	0.05	76	540	26	0.12	<2	8
H930593		4.96	10	<1	0.13	10	2.83	572	2	0.01	67	520	2	0.16	2	3
H930594		4.66	10	<1	0.20	10	2.66	543	2	0.01	51	690	<2	0.25	<2	3
H930595		7.14	10	1	0.04	<10	3.85	808	1	0.02	137	560	6	1.42	2	10
H930596		7.15	10	1	0.80	20	3.14	608	3	0.02	85	1040	19	1.03	2	11
H930597		4.85	<10	<1	0.38	10	0.56	190	4	0.01	74	120	6	1.32	<2	2
H930598		2.99	<10	<1	0.25	10	0.64	204	1	0.01	28	110	<2	0.21	<2	1
H930599		6.84	10	<1	0.42	10	1.30	459	2	0.01	131	860	<2	1.16	<2	5
H930600		1.20	<10	<1	0.22	10	0.98	171	1	0.07	12	410	<2	0.18	<2	2
H930601		3.16	<10	<1	0.24	10	0.58	162	1	0.01	4	480	<2	0.23	<2	1
H930602		6.36	10	1	0.44	10	2.84	705	1	0.02	63	1170	<2	0.11	<2	5
H930603		4.44	10	<1	0.38	20	1.87	477	1	0.01	30	790	3	0.06	<2	5
H930604		5.43	10	1	0.29	<10	2.29	594	1	0.01	50	510	2	0.25	<2	4
H930605		6.12	10	1	0.32	10	2.50	632	1	0.01	98	760	4	0.66	2	5
H930606		8.96	10	<1	0.30	<10	3.83	938	1	0.01	117	420	<2	1.04	<2	9
H930607		5.13	10	<1	0.29	<10	1.63	447	2	0.01	31	730	2	0.16	<2	4
H930608		7.87	10	1	0.27	<10	3.56	839	1	0.01	130	720	<2	0.68	<2	6



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Finalized Date: 8-OCT-2009  
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Project: PARDO

CERTIFICATE OF ANALYSIS SD09101970
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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Sr	Th	Ti	Ti	U	V	W	
	Units LOR	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H930575		9	<20	0.17	<10	<10	48	<10	55
H930576		4	<20	0.08	<10	<10	30	<10	35
H930577		19	<20	0.16	<10	<10	52	<10	35
H930578		23	<20	0.15	<10	<10	37	<10	32
H930579		14	<20	0.19	<10	<10	71	<10	47
H930580		191	<20	0.07	<10	<10	21	<10	18
H930581		7	<20	0.10	<10	<10	33	<10	42
H930582		4	<20	0.07	<10	<10	31	<10	37
H930583		10	<20	0.05	<10	<10	23	<10	17
H930584		12	<20	0.10	<10	<10	28	<10	27
H930585		6	<20	0.15	<10	<10	46	<10	38
H930586		6	<20	0.09	<10	<10	25	<10	33
H930587		8	<20	0.13	<10	<10	42	<10	49
H930588		5	<20	0.05	<10	<10	21	<10	40
H930589		3	<20	0.02	<10	<10	27	<10	44
H930590		2	<20	0.04	<10	<10	16	<10	21
H930591		4	<20	0.11	<10	<10	30	<10	40
H930592		10	<20	0.18	<10	<10	88	<10	207
H930593		5	<20	0.06	<10	<10	48	<10	65
H930594		6	<20	0.11	<10	<10	45	<10	56
H930595		5	<20	0.10	<10	<10	118	<10	94
H930596		28	<20	0.16	<10	30	83	<10	155
H930597		4	<20	0.03	<10	<10	21	<10	18
H930598		3	<20	0.02	<10	<10	15	<10	20
H930599		6	<20	0.06	<10	<10	50	<10	48
H930600		182	<20	0.07	<10	<10	20	<10	18
H930601		6	<20	0.03	<10	<10	14	<10	18
H930602		12	<20	0.12	<10	<10	57	<10	79
H930603		20	<20	0.08	<10	<10	50	<10	49
H930604		7	<20	0.09	<10	<10	49	<10	62
H930605		10	<20	0.08	<10	<10	54	<10	74
H930606		6	<20	0.12	<10	<10	86	<10	97
H930607		6	<20	0.14	<10	<10	43	<10	42
H930608		6	<20	0.08	<10	<10	65	<10	103



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## CERTIFICATE SD09106537

Project: PARDO  
 P.O. No.:  
 This report is for 69 Rock samples submitted to our lab in Sudbury, ON, Canada on 5-OCT-2009.  
 The following have access to data associated with this certificate:

DANNIEL OOSTERMAN	JNT LOGAN/GINGURO WEBTRI
-------------------	--------------------------

## SAMPLE PREPARATION

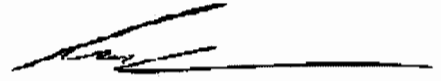
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-21	Crush entire sample >70% -6 mm
DRY-21	High Temperature Drying

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNT LOGAN RESOURCES LTD.  
ATTN: ALS CHEMEX

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

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H930643		2.08	0.009		0.4	2.53	<2	<10	40	<0.5	<2	0.11	<0.5	41	70	54
H930644		4.94	0.009		0.3	2.41	3	<10	40	<0.5	<2	0.10	<0.5	35	83	73
H930645		3.00	0.010		<0.2	2.01	<2	<10	50	<0.5	<2	0.08	<0.5	22	63	33
H930646		2.52	<0.005		<0.2	2.32	<2	<10	70	<0.5	<2	0.08	<0.5	11	81	38
H930647		3.04	<0.005		0.2	1.99	<2	<10	60	<0.5	2	0.24	<0.5	19	74	47
H930648		3.34	<0.005	<0.005	0.2	2.69	<2	<10	60	<0.5	<2	0.23	<0.5	25	87	33
H930649		3.04	0.253	0.090	<0.2	2.52	3	<10	40	<0.5	<2	0.16	<0.5	38	65	69
H930650		3.76	0.006	<0.005	0.3	3.16	<2	<10	50	<0.5	2	0.14	<0.5	42	119	102
H930651		2.46	0.026		0.3	2.57	2	<10	40	<0.5	<2	0.10	<0.5	21	81	39
H930652		2.48	0.045		<0.2	1.63	<2	<10	50	<0.5	<2	0.11	<0.5	12	40	15
H930653		2.76	<0.005		<0.2	1.60	<2	<10	40	<0.5	<2	0.10	<0.5	14	78	32
H930654		0.36	<0.005		0.2	0.83	<2	<10	10	<0.5	<2	0.05	<0.5	7	36	25
H930655		1.38	<0.005		<0.2	0.66	<2	<10	20	<0.5	<2	0.13	<0.5	15	30	56
H930656		0.70	0.005		0.2	2.50	<2	<10	30	<0.5	<2	0.17	<0.5	8	58	19
H930657		1.14	<0.005		<0.2	3.30	<2	<10	40	<0.5	<2	0.20	<0.5	16	110	44
H930658		0.96	0.008		<0.2	3.14	18	<10	40	<0.5	<2	0.27	<0.5	30	111	122
H930659		2.04	<0.005		<0.2	4.59	<2	<10	50	<0.5	<2	0.45	<0.5	20	112	4
H930660		0.76	0.008		<0.2	3.58	<2	<10	30	<0.5	<2	0.19	<0.5	14	104	16
H930661		0.88	<0.005		<0.2	3.00	<2	<10	430	<0.5	2	0.46	<0.5	21	109	41
H930662		1.10	<0.005		<0.2	2.95	<2	<10	250	<0.5	<2	0.55	<0.5	22	107	45
H930663		1.84	0.007		<0.2	3.59	3	<10	30	<0.5	<2	0.19	<0.5	19	93	29
H930664		1.46	<0.005		0.2	3.10	<2	<10	400	<0.5	<2	0.43	<0.5	22	123	34
H930665		1.36	0.005		<0.2	3.16	12	<10	30	<0.5	<2	0.13	<0.5	20	96	61
H930666		1.70	1.640		<0.2	3.22	<2	<10	20	<0.5	<2	0.13	<0.5	21	114	39
H930667		1.88	<0.005		<0.2	3.09	<2	<10	60	<0.5	<2	0.23	<0.5	16	76	5
H930668		1.66	<0.005		<0.2	3.15	3	<10	40	<0.5	2	0.24	<0.5	19	109	20
H930669		0.72	<0.005		<0.2	3.59	<2	<10	140	<0.5	3	0.26	<0.5	20	121	10
H930670		2.28	0.029		<0.2	2.53	<2	<10	60	<0.5	<2	0.17	<0.5	16	108	22
H930671		0.74	0.005		<0.2	3.06	<2	<10	60	<0.5	<2	0.72	<0.5	22	88	12
H930672		0.94	<0.005		0.4	0.26	<2	<10	10	<0.5	<2	0.01	<0.5	1	18	1
H930673		0.58	<0.005		<0.2	0.78	<2	<10	20	<0.5	<2	0.02	<0.5	3	72	54
H930674		1.06	<0.005		0.6	8.54	2	<10	40	<0.5	3	0.18	<0.5	33	87	10
H930675		1.30	<0.005		<0.2	1.17	3	<10	30	<0.5	<2	0.06	<0.5	4	32	1
H930676		0.48	<0.005		0.3	0.27	<2	<10	20	<0.5	<2	0.01	<0.5	1	14	3
H930677		1.28	0.037		0.9	2.05	2	<10	60	<0.5	<2	0.18	<0.5	17	57	18
H930678		1.06	<0.005		0.3	2.60	3	<10	210	<0.5	<2	0.50	<0.5	20	100	37
H930701		1.00	<0.005		0.4	3.36	2	<10	40	<0.5	<2	0.73	<0.5	27	131	59
H930702		1.60	0.009		0.6	2.27	17	<10	20	<0.5	<2	0.12	<0.5	20	62	21
H930703		1.74	0.005		0.4	3.43	<2	<10	70	<0.5	<2	0.26	<0.5	15	117	27
H930704		1.48	0.005		0.5	3.34	4	<10	530	<0.5	<2	0.29	<0.5	23	147	55



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Finalized Date: 14-OCT-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
H930643		6.10	10	<1	0.27	10	1.42	524	<1	0.01	77	530	<2	0.72	<2	3
H930644		6.06	10	<1	0.29	10	1.37	471	1	0.01	60	550	<2	0.82	<2	3
H930645		4.79	10	<1	0.38	10	1.07	383	<1	0.01	40	510	<2	0.31	<2	3
H930646		5.66	10	<1	0.70	10	1.22	415	1	<0.01	11	690	<2	0.22	<2	5
H930647		3.70	<10	<1	0.32	20	1.33	410	1	<0.01	76	1080	<2	0.17	<2	2
H930648		5.15	10	<1	0.30	20	1.88	566	2	<0.01	62	1140	<2	0.19	<2	2
H930649		5.82	10	<1	0.24	10	1.49	499	1	<0.01	67	820	<2	0.56	<2	3
H930650		7.54	10	<1	0.32	10	1.88	594	<1	<0.01	64	740	<2	1.10	<2	4
H930651		5.24	10	<1	0.29	<10	1.89	432	2	0.01	35	490	3	0.40	<2	3
H930652		2.88	<10	<1	0.27	10	1.31	204	1	0.01	32	430	2	0.16	3	2
H930653		2.91	<10	<1	0.21	10	1.29	225	<1	0.01	42	310	<2	0.24	2	1
H930654		1.91	<10	<1	0.10	<10	0.68	129	<1	0.01	21	270	16	0.14	2	1
H930655		1.36	<10	<1	0.12	<10	0.53	126	<1	<0.01	24	640	3	0.20	<2	1
H930656		3.84	10	<1	0.21	10	2.21	450	<1	0.01	19	640	3	0.05	2	2
H930657		5.19	10	<1	0.17	10	2.87	608	1	<0.01	53	660	2	0.12	3	3
H930658		4.95	10	<1	0.54	10	2.67	637	1	<0.01	98	740	<2	0.29	<2	4
H930659		5.90	10	1	1.01	10	4.32	992	<1	0.02	77	620	<2	0.02	2	5
H930660		5.59	10	<1	0.40	<10	3.16	613	<1	<0.01	52	660	<2	0.09	2	4
H930661		4.85	10	1	1.38	10	2.07	992	<1	0.04	69	560	4	0.10	<2	4
H930662		4.84	10	<1	0.94	20	2.06	1105	<1	0.05	58	1360	11	0.13	2	9
H930663		5.38	10	<1	0.11	10	3.01	598	<1	0.01	90	600	2	0.22	<2	3
H930664		5.18	10	<1	1.85	10	1.90	947	<1	0.03	53	780	5	0.09	<2	9
H930665		4.89	10	<1	0.17	10	2.53	397	<1	<0.01	77	620	2	0.25	<2	2
H930666		5.02	10	<1	0.13	10	2.57	436	<1	0.01	60	640	2	0.17	2	4
H930667		4.89	10	<1	0.30	<10	2.44	515	<1	0.03	59	670	<2	0.08	2	9
H930668		4.87	10	<1	0.17	10	2.58	576	1	0.01	59	700	<2	0.23	<2	4
H930669		5.67	10	<1	0.42	10	2.97	723	<1	0.02	73	740	<2	0.10	<2	6
H930670		3.97	10	<1	0.27	10	2.12	514	<1	0.02	42	480	2	0.11	2	4
H930671		4.95	10	<1	0.30	10	2.62	614	<1	0.03	58	550	<2	0.17	<2	5
H930672		0.75	<10	<1	0.03	<10	0.20	82	<1	<0.01	2	60	<2	<0.01	2	<1
H930673		2.01	<10	<1	0.09	10	0.56	160	<1	<0.01	5	130	3	0.10	2	1
H930674		14.4	20	<1	0.56	10	7.05	1610	<1	<0.01	66	890	<2	<0.01	5	6
H930675		2.02	<10	<1	0.16	<10	0.89	283	<1	0.01	6	260	<2	<0.01	<2	1
H930676		0.68	<10	<1	0.10	<10	0.14	53	<1	<0.01	3	70	2	0.01	<2	<1
H930677		3.57	<10	<1	0.44	<10	1.68	565	<1	0.01	38	460	7	0.20	<2	3
H930678		3.85	<10	1	1.29	20	1.78	526	<1	0.04	58	580	3	0.11	<2	5
H930701		5.14	<10	<1	0.90	10	2.97	786	<1	0.02	88	570	2	0.29	<2	6
H930702		4.21	<10	<1	0.18	10	1.40	257	<1	0.01	61	600	8	0.19	<2	2
H930703		5.37	10	1	0.51	<10	2.98	625	<1	0.01	46	870	4	0.10	<2	4
H930704		5.25	10	1	1.48	20	2.48	1305	<1	0.03	64	650	3	0.09	<2	8



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Project: PARDO

## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H930643		4	<20	0.04	<10	<10	37	<10	55
H930644		5	<20	0.04	<10	<10	37	<10	57
H930645		4	<20	0.05	<10	<10	34	<10	41
H930646		6	<20	0.14	<10	<10	51	<10	44
H930647		5	<20	0.04	<10	<10	19	<10	54
H930648		7	<20	0.05	<10	<10	28	<10	69
H930649		5	<20	0.04	<10	<10	36	<10	72
H930650		5	<20	0.05	<10	<10	54	<10	55
H930651		4	<20	0.04	<10	<10	40	<10	49
H930652		3	<20	0.02	<10	<10	18	<10	30
H930653		4	<20	0.01	<10	<10	15	<10	35
H930654		5	<20	0.01	<10	<10	10	<10	47
H930655		3	<20	0.02	<10	<10	6	<10	8
H930656		5	<20	0.09	<10	<10	29	<10	42
H930657		6	<20	0.16	<10	<10	38	<10	56
H930658		5	<20	0.22	<10	<10	43	<10	62
H930659		16	<20	0.26	<10	<10	97	<10	96
H930660		3	<20	0.14	<10	<10	50	<10	62
H930661		25	<20	0.31	<10	<10	95	<10	91
H930662		21	<20	0.24	<10	<10	97	<10	177
H930663		4	<20	0.06	<10	<10	51	<10	64
H930664		44	<20	0.24	<10	<10	79	<10	93
H930665		5	<20	0.01	<10	<10	33	<10	52
H930666		5	<20	0.01	<10	<10	52	<10	61
H930667		6	<20	0.12	<10	<10	81	<10	69
H930668		6	<20	0.08	<10	<10	56	<10	65
H930669		7	<20	0.12	<10	<10	85	<10	90
H930670		3	<20	0.10	<10	<10	49	<10	61
H930671		16	<20	0.15	<10	<10	88	<10	68
H930672		2	<20	<0.01	<10	<10	4	<10	3
H930673		2	<20	0.01	<10	<10	10	<10	15
H930674		8	<20	0.10	<10	<10	90	<10	185
H930675		2	<20	0.01	<10	<10	9	<10	28
H930676		4	<20	<0.01	<10	<10	2	<10	8
H930677		8	<20	0.08	<10	<10	25	<10	95
H930678		39	<20	0.21	<10	<10	50	<10	77
H930701		23	<20	0.21	<10	<10	65	<10	76
H930702		5	<20	0.02	<10	<10	26	<10	38
H930703		6	<20	0.19	<10	<10	54	<10	60
H930704		15	<20	0.24	<10	<10	128	<10	144



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Finalized Date: 14-OCT-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H930705		1.74	0.047		0.4	1.72	2	<10	20	<0.5	<2	0.06	<0.5	17	50	48
H930751		2.38	<0.005		0.7	3.80	15	<10	60	<0.5	<2	1.35	<0.5	50	252	41
H930752		3.04	0.007		0.6	2.36	<2	<10	40	<0.5	<2	0.07	<0.5	89	74	266
H930753		3.14	0.008		0.3	2.02	<2	<10	60	<0.5	<2	0.13	<0.5	31	67	55
H930754		3.30	0.008		0.4	1.49	<2	<10	60	<0.5	<2	0.05	<0.5	18	62	46
H930755		3.14	0.029		0.7	1.13	<2	<10	30	<0.5	<2	0.07	<0.5	26	38	141
H930756		4.36	0.006		0.4	2.35	<2	<10	60	<0.5	<2	0.13	<0.5	36	73	78
H930757		2.38	0.024		0.5	1.48	16	<10	40	<0.5	<2	0.09	<0.5	32	53	68
H930758		4.04	0.008		0.3	1.29	<2	<10	40	<0.5	<2	0.08	<0.5	23	46	73
H930759		4.74	0.007		0.3	1.63	<2	<10	50	<0.5	<2	0.11	<0.5	28	56	40
H930760		0.92	<0.005		<0.2	0.38	<2	<10	20	<0.5	<2	0.05	<0.5	3	35	1
H930761		3.00	<0.005		0.4	1.57	<2	<10	30	<0.5	<2	0.06	<0.5	22	44	65
H930762		3.32	0.005		0.4	2.00	<2	<10	30	<0.5	2	0.01	<0.5	41	56	132
H930763		2.80	0.006		0.4	1.21	<2	<10	30	<0.5	2	0.01	<0.5	27	34	75
H930764		4.32	0.753		0.8	0.48	73	<10	10	<0.5	10	0.02	<0.5	109	30	84
H930765		3.44	0.668		1.0	0.63	88	<10	20	<0.5	11	0.02	<0.5	123	44	174
H930766		2.96	0.469		0.7	0.52	68	<10	10	<0.5	7	0.02	<0.5	98	30	73
H930767		3.72	0.392		0.7	0.67	46	<10	30	<0.5	5	0.02	<0.5	85	35	88
H930768		4.50	0.541		0.8	0.63	67	<10	30	<0.5	9	0.01	<0.5	102	41	158
H930769		3.14	0.499		0.6	0.23	62	<10	20	<0.5	9	0.01	<0.5	69	23	39
H930770		2.86	0.021		0.2	0.99	2	<10	40	<0.5	<2	0.06	<0.5	14	39	44
H930771		1.40	0.266		0.5	0.42	41	<10	20	<0.5	5	0.02	<0.5	64	32	64
H930772		1.86	0.296		0.7	0.70	42	<10	20	<0.5	4	0.01	<0.5	78	27	120
H930773		2.84	0.442		0.6	0.34	55	<10	30	<0.5	5	0.03	<0.5	69	39	65
H930774		3.30	0.132		0.7	1.39	28	<10	40	<0.5	2	0.02	<0.5	72	51	100
H930775		1.04	0.116		0.5	0.95	9	<10	40	<0.5	2	0.01	<0.5	18	34	87
H930776		1.14	0.525		0.9	0.69	65	<10	20	<0.5	9	0.01	<0.5	89	31	53
H930777		3.08	0.201		0.5	1.89	19	<10	40	<0.5	2	0.02	<0.5	47	51	136
H930778		0.86	0.247		0.6	1.23	34	<10	40	<0.5	3	0.02	<0.5	44	45	91





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Finalized Date: 14-OCT-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H930705		3.32	<10	<1	0.20	<10	1.36	305	<1	0.01	48	300	5	0.32	<2	2
H930751		6.53	10	1	0.37	40	3.07	834	3	0.01	81	4810	13	0.52	<2	5
H930752		7.05	<10	<1	0.20	10	1.47	396	<1	0.01	126	490	5	2.65	<2	3
H930753		5.08	<10	<1	0.60	10	1.07	340	<1	<0.01	98	660	<2	0.88	<2	4
H930754		4.66	<10	1	0.57	10	0.71	225	1	<0.01	24	450	<2	0.47	<2	3
H930755		4.37	<10	<1	0.23	<10	0.60	211	1	<0.01	45	420	6	1.27	<2	2
H930756		5.79	<10	1	0.45	10	1.36	482	<1	<0.01	87	600	<2	0.90	<2	4
H930757		4.18	<10	<1	0.26	10	0.87	334	<1	<0.01	76	300	<2	0.98	<2	2
H930758		3.79	<10	1	0.41	10	0.65	241	<1	<0.01	54	440	<2	0.65	<2	2
H930759		4.31	<10	<1	0.47	10	0.84	289	1	<0.01	80	560	<2	0.77	2	3
H930760		0.98	<10	<1	0.14	<10	0.24	69	<1	0.04	14	110	<2	0.02	<2	1
H930761		4.50	<10	<1	0.28	10	0.91	269	4	<0.01	76	100	<2	1.00	<2	2
H930762		5.94	<10	<1	0.36	10	1.19	336	<1	<0.01	76	130	<2	1.37	<2	2
H930763		3.59	<10	1	0.22	<10	0.71	213	1	<0.01	65	70	<2	0.86	<2	1
H930764		7.16	<10	<1	0.08	<10	0.26	94	3	<0.01	89	40	14	6.62	<2	1
H930765		8.19	<10	1	0.11	<10	0.33	114	1	<0.01	114	50	17	7.64	<2	1
H930766		6.19	<10	<1	0.08	<10	0.30	104	1	<0.01	82	40	15	5.47	<2	1
H930767		5.47	<10	<1	0.11	<10	0.39	124	1	0.01	77	50	11	4.53	<2	1
H930768		7.14	<10	<1	0.11	<10	0.35	122	7	<0.01	92	50	15	6.15	3	1
H930769		4.84	<10	<1	0.10	<10	0.08	48	37	<0.01	38	50	10	4.25	<2	<1
H930770		2.47	<10	<1	0.21	10	0.55	164	1	<0.01	54	80	<2	0.48	2	1
H930771		4.74	<10	<1	0.08	10	0.23	87	2	<0.01	54	50	8	3.62	<2	1
H930772		5.47	<10	<1	0.12	<10	0.41	126	1	<0.01	77	60	10	3.98	<2	1
H930773		4.77	<10	<1	0.16	10	0.12	58	1	0.01	45	150	12	3.46	<2	1
H930774		5.96	<10	1	0.27	<10	0.74	227	1	<0.01	67	90	7	3.03	<2	2
H930775		4.53	<10	<1	0.26	10	0.46	139	<1	<0.01	29	100	3	0.97	<2	1
H930776		6.84	<10	1	0.08	<10	0.39	127	<1	<0.01	66	50	13	5.34	<2	1
H930777		6.55	<10	1	0.31	10	1.06	298	<1	<0.01	86	120	<2	2.20	3	2
H930778		5.86	<10	1	0.22	10	0.65	205	<1	<0.01	58	90	7	2.57	<2	2



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Finalized Date: 14-OCT-2009  
Account: MNTLGN

Project: PARDO

## CERTIFICATE OF ANALYSIS SD09106537

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H930705		4	<20	0.03	<10	<10	22	<10	48
H930751		36	<20	0.06	<10	<10	60	<10	106
H930752		4	<20	0.02	<10	<10	35	<10	39
H930753		6	<20	0.09	<10	<10	43	<10	40
H930754		6	<20	0.07	<10	<10	36	<10	23
H930755		5	<20	0.07	<10	<10	21	<10	18
H930756		5	<20	0.09	<10	<10	41	<10	55
H930757		4	<20	0.06	<10	<10	25	<10	41
H930758		3	<20	0.05	<10	<10	29	<10	29
H930759		4	<20	0.06	<10	<10	33	<10	32
H930760		3	<20	0.03	<10	<10	10	<10	5
H930761		3	<20	0.06	<10	<10	22	<10	23
H930762		2	<20	0.05	<10	<10	31	<10	35
H930763		2	<20	0.01	<10	<10	16	<10	28
H930764		3	<20	0.03	<10	<10	8	<10	8
H930765		3	<20	0.02	<10	<10	11	<10	10
H930766		2	<20	0.03	<10	<10	7	<10	9
H930767		2	<20	0.02	<10	<10	7	<10	12
H930768		3	<20	0.02	<10	<10	8	<10	11
H930769		2	<20	0.04	<10	<10	5	<10	3
H930770		2	<20	0.06	<10	<10	11	<10	18
H930771		2	<20	0.03	<10	<10	6	<10	7
H930772		2	<20	0.01	<10	<10	8	<10	12
H930773		3	<20	0.04	<10	<10	7	<10	5
H930774		3	<20	0.04	<10	<10	22	<10	22
H930775		3	<20	0.03	<10	<10	16	<10	14
H930776		3	<20	0.02	<10	<10	10	<10	12
H930777		2	<20	0.03	<10	<10	28	<10	33
H930778		3	<20	0.06	<10	<10	22	<10	23



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Finalized Date: 25-OCT-2009

This copy reported on 22-APR-2010

Account: MNTLGN

## CERTIFICATE SD09114046

Project:

P.O. No.:

This report is for 41 Rock samples submitted to our lab in Sudbury, ON, Canada on 16-OCT-2009.

The following have access to data associated with this certificate:

DANNIEL OOSTERMAN

JNT LOGAN/GINGURO WEBTRI

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNT LOGAN RESOURCES LTD.  
ATTN: ALS CHEMEX

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICATE OF ANALYSIS SD09114046

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
H930552		1.86	0.022	0.3	2.97	2	<10	40	<0.5	<2	0.42	<0.5	20	101	9	4.68
H930553		1.72	<0.005	0.2	3.40	<2	<10	40	<0.5	<2	0.33	<0.5	22	91	14	5.43
H930554		1.52	0.009	<0.2	2.91	<2	<10	50	<0.5	2	0.34	<0.5	20	163	11	4.48
H930555		2.22	<0.005	<0.2	2.36	2	<10	50	<0.5	<2	0.15	<0.5	10	91	12	3.68
H930556		1.72	0.006	<0.2	3.02	<2	<10	40	<0.5	<2	0.34	<0.5	22	106	12	4.59
H930557		1.24	<0.005	<0.2	2.91	<2	<10	70	<0.5	<2	0.15	<0.5	12	136	20	4.43
H930558		1.92	<0.005	<0.2	2.56	2	<10	40	<0.5	<2	0.31	<0.5	15	75	4	3.85
H930559		2.02	0.017	<0.2	3.02	3	<10	50	<0.5	<2	0.30	<0.5	20	100	7	4.58
H930573		2.20	<0.005	<0.2	3.73	2	<10	10	<0.5	<2	1.61	<0.5	23	77	29	4.80
H930574		2.22	<0.005	<0.2	3.26	7	<10	220	<0.5	<2	0.47	<0.5	25	201	49	4.74
H930679		1.76	<0.005	<0.2	1.49	10	<10	40	<0.5	<2	2.25	<0.5	14	79	29	2.74
H930680		0.34	<0.005	0.2	0.87	2	<10	50	<0.5	<2	4.49	<0.5	4	25	12	1.20
H930681		1.94	<0.005	<0.2	0.04	3	<10	<10	<0.5	<2	0.28	<0.5	<1	29	1	0.34
H930779		3.00	<0.005	<0.2	1.88	<2	<10	40	<0.5	<2	0.13	<0.5	9	54	13	2.76
H930780		0.42	<0.005	<0.2	0.72	<2	<10	40	<0.5	<2	3.92	<0.5	3	24	10	1.00
H930781		4.06	<0.005	<0.2	2.30	<2	<10	40	<0.5	<2	0.15	<0.5	15	71	22	3.50
H930782		2.90	0.260	<0.2	2.41	4	<10	30	<0.5	<2	0.20	<0.5	18	78	47	3.44
H930783		1.98	<0.005	<0.2	3.23	<2	<10	50	<0.5	<2	0.43	<0.5	19	77	25	4.57
H930784		2.06	<0.005	<0.2	2.98	<2	<10	40	<0.5	<2	0.24	<0.5	18	78	36	4.39
H930785		3.84	0.024	<0.2	3.31	<2	<10	40	<0.5	<2	0.29	<0.5	16	91	19	4.91
H930786		3.88	<0.005	<0.2	1.62	<2	<10	30	<0.5	<2	0.10	<0.5	15	50	41	2.56
H930787		2.80	<0.005	<0.2	2.01	3	<10	40	<0.5	<2	0.12	<0.5	8	57	15	3.05
H930788		3.38	0.009	<0.2	1.83	4	<10	40	<0.5	<2	0.17	<0.5	10	68	18	2.72
H930789		2.90	<0.005	<0.2	1.72	2	<10	60	<0.5	<2	0.15	<0.5	10	54	17	2.44
H930790		3.06	<0.005	<0.2	3.54	4	<10	40	<0.5	<2	0.96	<0.5	20	192	55	5.57
H930791		2.86	<0.005	<0.2	3.51	2	<10	40	<0.5	<2	0.23	<0.5	17	102	64	5.54
H930792		2.84	<0.005	<0.2	3.21	2	<10	50	<0.5	<2	0.23	<0.5	21	102	62	5.00
H930793		2.94	0.005	<0.2	3.51	2	<10	40	<0.5	<2	0.31	<0.5	26	150	86	5.80
H930794		1.66	<0.005	<0.2	4.17	2	<10	30	<0.5	<2	0.26	<0.5	30	159	107	6.65
H930795		3.00	<0.005	<0.2	3.60	<2	<10	50	<0.5	<2	0.76	<0.5	33	142	82	5.36
H930796		2.68	<0.005	<0.2	4.11	<2	<10	50	<0.5	<2	0.28	<0.5	21	120	31	5.82
H930797		1.76	<0.005	<0.2	3.93	4	<10	30	<0.5	<2	0.20	<0.5	20	114	23	5.57
H930798		2.76	0.008	<0.2	3.58	5	<10	60	<0.5	<2	0.25	<0.5	22	101	44	5.02
H930799		1.40	<0.005	<0.2	3.39	2	<10	50	<0.5	<2	0.28	<0.5	20	95	39	4.79
H930551		2.10	<0.005	<0.2	3.19	4	<10	40	<0.5	<2	0.19	<0.5	15	140	33	4.80
H930682		1.74	<0.005	<0.2	2.15	16	<10	90	<0.5	<2	0.35	<0.5	17	87	50	3.71
H930683		1.06	<0.005	<0.2	1.90	66	<10	80	<0.5	<2	0.37	<0.5	16	73	45	3.29
H390684		1.78	<0.005	<0.2	1.23	8	<10	40	<0.5	<2	1.98	<0.5	8	62	16	2.30
H930685		0.86	<0.005	<0.2	2.67	<2	<10	60	<0.5	<2	0.52	<0.5	18	97	40	4.11
H930686		1.62	<0.005	<0.2	1.92	<2	<10	40	<0.5	<2	0.60	<0.5	14	85	33	2.82



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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MOUNT LOGAN RESOURCES LTD.  
 101-957 CAMBRIAN HEIGHTS  
 SUDBURY ON P3C 5S5

Page: 2 - B  
 Total # Pages: 3 (A - C)  
 Finalized Date: 25-OCT-2009  
 Account: MNTLGN

## CERTIFICATE OF ANALYSIS SD09114046

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
H930552		10	<1	0.27	10	2.52	653	<1	0.03	71	540	3	0.08	<2	4	10
H930553		10	<1	0.35	10	2.91	685	<1	0.03	78	520	4	0.11	<2	6	6
H930554		10	1	0.30	10	2.48	605	<1	0.03	74	600	<2	0.10	<2	4	11
H930555		10	<1	0.33	10	1.79	436	1	0.04	36	550	6	0.06	<2	3	9
H930556		10	<1	0.26	10	2.47	644	<1	0.02	74	510	4	0.10	<2	5	14
H930557		10	1	0.21	10	2.39	542	1	0.01	44	700	4	0.04	<2	3	9
H930558		10	<1	0.30	10	2.00	539	<1	0.02	56	630	<2	0.07	<2	3	10
H930559		10	<1	0.29	10	2.51	672	<1	0.02	66	510	3	0.10	<2	6	12
H930573		10	<1	0.06	<10	2.89	742	<1	0.04	63	430	<2	<0.01	<2	4	17
H930574		10	1	0.91	10	2.71	887	1	0.07	112	500	2	0.11	<2	4	24
H930679		10	1	0.36	20	1.10	627	1	0.05	40	350	8	0.41	<2	4	73
H930680		<10	<1	0.20	10	0.46	183	<1	0.05	12	410	5	0.17	<2	2	177
H930681		<10	<1	0.01	<10	0.06	78	<1	0.02	1	10	3	<0.01	<2	<1	8
H930779		<10	1	0.22	10	1.52	348	1	0.02	27	430	<2	0.11	<2	2	6
H930780		<10	<1	0.17	10	0.37	148	<1	0.05	9	370	2	0.14	<2	2	156
H930781		10	<1	0.30	10	1.85	413	1	0.02	43	420	<2	0.23	<2	3	6
H930782		10	1	0.30	10	2.09	426	<1	0.05	37	380	7	0.20	<2	3	10
H930783		10	<1	0.55	10	2.74	646	<1	0.02	79	690	2	0.12	<2	5	11
H930784		10	<1	0.54	<10	2.37	540	1	0.02	52	720	3	0.16	<2	4	6
H930785		10	1	0.49	10	2.55	621	1	0.05	56	680	3	0.12	<2	4	8
H930786		<10	<1	0.26	10	1.24	271	1	0.01	38	340	4	0.23	<2	1	5
H930787		10	<1	0.28	10	1.55	362	14	0.02	20	520	2	0.08	<2	2	5
H930788		<10	<1	0.32	10	1.38	315	1	0.01	32	530	2	0.12	<2	2	8
H930789		<10	<1	0.30	10	1.32	287	<1	0.01	27	510	3	0.11	<2	2	5
H930790		10	<1	0.56	10	2.96	819	1	0.04	91	600	4	0.35	<2	10	27
H930791		10	<1	0.48	10	2.87	715	1	0.03	51	620	4	0.15	<2	7	10
H930792		10	<1	0.41	10	2.52	649	1	0.02	86	640	5	0.21	<2	4	5
H930793		10	1	0.66	10	2.87	733	<1	0.04	72	620	4	0.38	<2	9	11
H930794		10	<1	0.38	10	3.53	868	<1	0.03	99	540	3	0.42	<2	8	10
H930795		10	1	0.97	10	3.02	836	<1	0.03	94	590	2	0.42	<2	7	26
H930796		10	1	0.39	10	3.56	967	<1	0.02	55	650	3	0.09	<2	6	10
H930797		10	<1	0.33	<10	3.44	933	<1	0.02	58	540	3	0.06	<2	6	7
H930798		10	2	0.52	10	3.02	823	1	0.02	84	600	3	0.17	<2	6	8
H930799		10	<1	0.54	10	2.87	788	<1	0.02	70	600	3	0.13	<2	5	9
H930551		10	<1	0.26	<10	2.64	602	1	0.01	54	730	4	0.04	<2	3	7
H930682		10	<1	0.64	20	1.46	465	1	0.05	69	560	9	0.45	<2	7	31
H930683		10	1	0.62	20	1.28	426	1	0.05	52	550	20	0.50	<2	7	27
H390684		<10	<1	0.33	20	0.89	573	1	0.05	26	300	6	0.28	<2	4	54
H930685		10	<1	0.30	20	1.71	710	1	0.05	54	550	3	0.06	<2	7	52
H930686		10	<1	0.30	20	1.31	447	1	0.06	38	530	4	0.09	<2	3	58



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To: MOUNT LOGAN RESOURCES LTD.

101-957 CAMBRIAN HEIGHTS

SUDBURY ON P3C 5S5

Page: 2 - C

Total # Pages: 3 (A - C)

Finalized Date: 25-OCT-2009

Account: MNTLGN

## CERTIFICATE OF ANALYSIS SD09114046

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	TI	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
H930552		<20	0.10	<10	<10	50	<10	66
H930553		<20	0.10	<10	<10	64	<10	95
H930554		<20	0.09	<10	<10	51	<10	62
H930555		<20	0.06	<10	<10	39	<10	50
H930556		<20	0.10	<10	<10	54	<10	70
H930557		<20	0.03	<10	<10	37	<10	59
H930558		<20	0.08	<10	<10	39	<10	56
H930559		<20	0.10	<10	<10	62	<10	76
H930573		<20	0.35	<10	<10	120	<10	66
H930574		<20	0.19	<10	<10	99	<10	107
H930679		<20	0.09	<10	<10	28	<10	49
H930680		<20	0.07	<10	<10	20	<10	20
H930681		<20	<0.01	<10	<10	1	<10	7
H930779		<20	0.07	<10	<10	22	<10	31
H930780		<20	0.06	<10	<10	16	<10	16
H930781		<20	0.10	<10	<10	31	<10	39
H930782		<20	0.09	<10	<10	31	<10	45
H930783		<20	0.22	<10	<10	55	<10	65
H930784		<20	0.16	<10	<10	45	<10	52
H930785		<20	0.17	<10	<10	45	<10	58
H930786		<20	0.06	<10	<10	16	<10	25
H930787		<20	0.08	<10	<10	23	<10	31
H930788		<20	0.11	<10	<10	21	<10	28
H930789		<20	0.09	<10	<10	19	<10	28
H930790		<20	0.21	<10	<10	94	<10	73
H930791		<20	0.22	<10	<10	78	<10	67
H930792		<20	0.20	<10	<10	48	<10	62
H930793		<20	0.24	<10	<10	86	<10	74
H930794		<20	0.24	<10	<10	94	<10	82
H930795		<20	0.22	<10	<10	67	<10	82
H930796		<20	0.21	<10	<10	81	<10	90
H930797		<20	0.16	<10	<10	61	<10	86
H930798		<20	0.17	<10	<10	55	<10	80
H930799		<20	0.18	<10	<10	52	<10	78
H930551		<20	0.07	<10	<10	41	<10	62
H930682		<20	0.15	<10	<10	44	<10	83
H930683		<20	0.16	<10	<10	42	<10	77
H390684		<20	0.09	<10	<10	27	<10	55
H930685		<20	0.22	<10	<10	49	<10	75
H930686		<20	0.19	<10	<10	42	<10	56



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To: MOUNT LOGAN RESOURCES LTD.

101-957 CAMBRIAN HEIGHTS

SUDBURY ON P3C 5S5

Page: 3 - A

Total # Pages: 3 (A - C)

Finalized Date: 25-OCT-2009

Account: MNTLGN

## CERTIFICATE OF ANALYSIS SD09114046

Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H930687	1.04	<0.005	<0.2	2.14	9	<10	90	<0.5	<2	0.47	<0.5	20	82	39	3.53



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Page: 3 - B  
Total # Pages: 3 (A - C)  
Finalized Date: 25-OCT-2009  
Account: MNTLGN

## CERTIFICATE OF ANALYSIS SD09114046

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Method Analyte Units LOR	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Sample Description	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
H930687	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
	10	<1	0.61	20	1.52	482	1	0.04	62	510	5	0.42	<2	6	48





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Page: 3 - C

Total # Pages: 3 (A - C)

Finalized Date: 25-OCT-2009

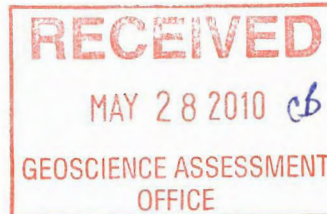
Account: MNTLGN

## CERTIFICATE OF ANALYSIS SD09114046

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
H930687		<20	0.16	<10	<10	41	<10	71



65 Nelson Road  
Lively, Ontario  
P3Y 1P4 Canada  
tel: 705-682-2777 x 109  
Fax: 705-682-4777



Issued To: Ginguro Exploration Inc  
101 957 Cambrian Heights Dr.  
Sudbury  
13C 5S5

Certificate No: 09-008-10  
Certificate Date: MAY 26/10  
Project Number:  
SPJ Labs Job No. 09-008  
Submission Date: OCT.10/09  
Delivery Via: POSTAL  
DEL. HARD  
COPY  
QC Requested: Y

Phone:  
Fax:  
E-Mail:  
Client No.: SPJ - 020

Method Code reported with this certificate

Method Code	Description	Count	Status
GFA-GR-AU-1	FIRE ASSAY GRAVIMETRIC	1	COMPLETE

Legend:  
 < = Not Detected  
 N.M. = Not Measured  
 Please refer to the SPJ Labs Job No. 09-008 if you have any questions.

*Peter Larable*  
Peter Larable, Fire Assayer

Date: MAY 26/10

**SPJ LABS  
FIRE ASSAY REPORT**

<b>Date completed</b>	<b>october 10/09</b>	<b>Code: FA</b>
<b>Date reported</b>	<b>october 10/09</b>	
<b>Date Approved</b>	<b>re-run check</b>	
<b>Name of sender</b>	<b>Ginguro</b>	
<b>Assayer</b>	<b>Peter Larabie</b>	

<b>JOB/DAILY NO.</b>	<b>SAMPLE NO.</b>	<b>Au. oz/ton</b>	<b>CERTIFIED VALUES</b>	<b>SPJ values</b>
<b>09-008</b>			<b>Au oz/ton</b>	<b>Au.oz/ton</b>
09-008-30	H930560	N.D		
09-008-31	H930561		0.08	
09-008-32	H930562		0.005	
09-008-33	H930563		0.011	
09-008-34	H930564		0.011	
09-008-35	H930565		0.004	
09-008-36	H930566		0.006	
09-008-37	H930567		0.01	
09-008-38	H930568		0.04	
09-008-39	H939569		0.018	
09-008-40	H930570		0.02	
09-008-40-D	H930570		0.019	
09-008-41	H930571		0.16	
09-008-42	H930572		<b>0.121 PJV-2 std. .273</b>	
			<b>Blk.</b>	<b>N.D</b>
				<b>0.272</b>



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Issued To: Ginguero Exploration Inc  
 101 957 Cambrian Heights Dr.  
 Sudbury  
 I3C 5S5

Certificate No: 09-0011-11  
 Certificate Date: MAY 26/10  
 Project Number:  
 SPJ Labs Job No. 09-0011  
 Submission Date: OCT.10/09  
 Delivery Via: POSTAL  
 DEL. HARD  
 COPY  
 QC Requested: Y

Phone:  
 Fax:  
 E-Mail:  
 Client No.: SPJ - 020

Method Code reported with this certificate

<b>GFA-GR-AU-1</b>	<b>FIRE ASSAY GRAVIMETRIC</b>	<b>1 COMPLETE</b>
<p><u>Legend:</u>        &lt;img alt="crossed out symbol"/&gt; Not Detected        N.M. = Not Measured        Please refer to the SPJ Labs Job No. 09-0011 if you have any questions.</p>		

Peter Larabie, Fire Assayer

Date: MAY.26/10

**SPJ LABS  
FIRE ASSAY REPORT**

**Date completed**    **october 10/09**  
**Date reported**    **october 10/09**  
**Date Approved**    **re-run check**  
**Job/Daily No.**      **09-0011**  
**Name of sender**    **Ginguro**  
**Assayer**            **Peter Larabie**

**Code: FA**

<b>JOB/DAILY NO.</b>	<b>SAMPLE NO.</b>	<b>Au. oz/ton</b>	<b>CERTIFIED VALUES Au oz/ton</b>	<b>SPJ values Au.oz/ton</b>
<b>09-0011</b>				
09-0011-01	H930531	N.D		
09-0011-02	H930532	N.D		
09-0011-03	H930533	N.D		
09-0011-04	H930534	N.D		
09-0011-05	H930535		0.006	
09-0011-06	H930536	N.D		
09-0011-07	H930537	N.D		
09-0011-08	H930538	N.D		
09-0011-09	H930539	N.D		
<b>09-0011-10</b>	<b>H930540</b>	N.D		
<b>09-0011-10-d</b>	<b>H930540</b>	N.D		
09-0011-11	H930541		0.004 PJV-2 std .273	<b>0.274</b>
09-0011-12	H930542	N.D		
09-0011-13	H930543	N.D		
09-0011-14	H930544	N.D		
09-0011-15	H930545	N.D		
09-0011-16	H930546	N.D		
09-0011-17	H930547	N.D		
09-0011-18	H930548	N.D		
09-0011-19	H930549	N.D		
<b>09-0011-20</b>	<b>H930550</b>	N.D		
<b>09-0011-20-d</b>	<b>H930550</b>	N.D		
09-0011-21	H930551	N.D		
09-0011-22	H930552	N.D		
09-0011-23	H930553	N.D		
09-0012-24	H930554	N.D	<b>PJV-2 std .273</b>	<b>0.27</b>
09-0011-25	H930555	N.D		
09-0011-26	H930556	N.D		
09-0011-27	H930557		0.007	
09-0011-28	H930558	N.D		
09-0011-29	H930559	N.D		
<b>09-0011-30</b>	<b>H930560</b>	<b>N.D</b>		
09-0011-31	H930561		0.08	
09-0011-32	H930562		0.005	
09-0011-33	H930563		0.011	
09-0011-34	H930564		0.011	

09-0011-35	H930565		0.004		
09-0011-36	H930566		0.006		
09-0011-37	H930567		0.01		
09-0011-38	H930568		0.04		
09-0011-39	H939569		0.018		
<b>09-0011-40</b>	<b>H930570</b>		<b>0.02</b>		
<b>09-0011-40-D</b>	<b>H930570</b>		<b>0.019</b>		
09-0011-41	H930571		0.16		
09-0011-42	H930572		<b>0.121</b>	<b>PJV-2 std. .273</b>	<b>0.272</b>
<b>SPJ-16</b>	<b>flux reagent</b>	<b>N.D</b>		<b>Blk.</b>	<b>N.D</b>
09-0011-43	H930573	N.D			
09-0011-44	H930574	N.D			



65 Nelson Road  
 Lively, Ontario  
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Issued To: Ginguo Exploration Inc  
 101 957 Cambrian Heights Dr.  
 Sudbury  
 I3C 5S5

Certificate No: 09-0016-12  
 Certificate Date: MAY 26/10  
 Project Number:  
 SPJ Labs Job No. 09-0016  
 Submission Date: NOV.23/09  
 Delivery Via: POSTAL  
 DEL. HARD  
 COPY  
 QC Requested: Y

Phone:  
 Fax:  
 E-Mail:  
 Client No.: SPJ - 020

Method Code reported with this certificate

<b>GFA-GR-AU-1</b>	<b>FIRE ASSAY GRAVIMETRIC</b>	<b>1</b>	<b>COMPLETE</b>
<p><b>Legend:</b>                  &lt;= Not Detected                  N.M.= Not Measured                  Please refer to the SPJ Labs Job No. 09-0016 if you have any questions.</p>			

*Peter Larabie*  
 Peter Larabie, Fire Assayer

Date: MAY.26/10

**SPJ LABS**  
**FIRE ASSAY REPORTS**

**DATE COMPLETED:** October 23 2009      **CODE:** FA  
**DATE REPORTED**                              **October 23 2009**  
**DATE APPROVED**                              **October 23 2009**  
**JOB/DAILY NO:**      09-0016  
**NAME OF SENDER:**                      Ginguro  
**ASSAYER** Peter Larabie

<u>JOB/DAILY NO.</u>	<u>SAMPLE NO.</u>	<u>AU OZ/TON</u>	<u>CERTIFIED VALUES</u>	
			<u>AU/OZ/TON</u>	<u>SPJ values</u>
09-0016				
09-0016-01	H930688	N.D		
09-0016-02	H930689	0.006		
09-0016-03	H930690	0.002		
09-0016-04	H930691	N.D		
09-0016-05	H930692	N.D		
09-0016-06	H930693	N.D		
09-0016-07	H930694	N.D		
09-0016-08	H930695	N.D		
09-0016-09	H930696	N.D		
09-0016-10	H930697	N.D		
09-0016-11	H930698	N.D		
09-0016-12	H930699	N.D		
09-0016-13	H930700	N.D		
09-0016-14	H930706	N.D		
09-0016-15	H930707	N.D		
09-0016-16	H930708	N.D		
09-0016-17	H930709	N.D		
09-0016-18	H930710	N.D		
09-0016-19	H930711	N.D	PJV-2 std      0.273	0.272
<b>09-0016-19-D</b>	<b>H930711</b>	<b>N.D</b>		



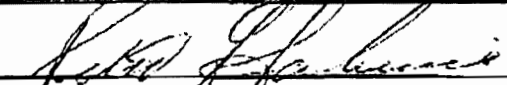


65 Nelson Road  
 Lively, Ontario  
 P3Y 1P4 Canada  
 tel: 705-682-2777 x 109  
 Fax: 705-682-4777

Issued To: Ginguero Exploration Inc 101 957 Cambrian Heights Dr. Sudbury I3C 5S5	Certificate No: 09-0017-13
	Certificate Date: MAY 26/10
Phone: Fax: E-Mail:	Project Number:
	SPJ Labs Job No. 09-0017
Client No.: SPJ - 020	Submission Date: OCT 26/09
	Delivery Via: POSTAL DEL. HARD COPY
	QC Requested: Y

Method Code reported with this certificate

<b>GFA-GR-AU-1</b>	<b>FIRE ASSAY GRAVIMETRIC</b>	<b>1</b>	<b>COMPLETE</b>
<b>Legend:</b> ND - Not Detected NM - Not Measured Please refer to the SPJ Labs Job No: 09-0017 if you have any questions			

  
 Peter Larabie, Fire Assayer

Date: MAY.26/10

SPJ LABS

FIRE ASSAY REPORTS

DATE RECEIVED: OCT.26/09  
 DATE COMPLETED OCT.26/09  
 DATE REPORTED OCT.26/09  
 DATE APPROVED OCT.26/09  
 JOB/DAILY NO: 09-0017  
 NAME OF SENDER GINGURO  
 ASSAYER: PETER LARABIE

CODE:FA

JOB/DAILY#0017	CLIENT#	AU OZ/TON	AG OZ/TON	CERTIFIED VALUES	
				AU OZ/TON	SPJ values
09-0017-01	H930712	N.D			
09-0017-02	H930713	N.D			
09-0017-03	H930714	N.D			
09-0017-04	H930715	N.D			
09-0017-05	H930716	N.D			
09-0017-06	H930717	N.D			
09-0017-07	H930718	N.D			
09-0017-08	H930719	N.D			
09-0017-09	H930720	N.D			
09-0017-10	H930721	N.D			
09-0017-11	H930722	N.D			
09-0017-12	H930723	0.005			
09-0017-13	H930724	N.D			
09-0017-14	H930725	N.D			
09-0017-15	H930726	N.D			
09-0017-16	H930727	N.D			
09-0017-17	H930728	0.004			
09-0017-18	H930729	N.D			
09-0017-19	H930730	N.D			
09-0017-20	H930731	N.D			
09-0017-21	H930732	N.D			
09-0017-22	H930733	N.D			
09-0017-23	H930734	N.D			
09-0017-24	H930735	0.007		PJV-2	0.273 0.271
09-0017-24 -D	H930735	N.D			



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P3Y 1P4 Canada  
tel: 705-682-2777 x 109  
Fax: 705-682-4777

Issued To: Ginguero Exploration Inc 101 957 Cambrian Heights Dr. Sudbury 13C 5S5	Certificate No: 09-0018-14
	Certificate Date: MAY 26/10
	Project Number:
	SPJ Labs Job No. <i>C9-001B</i>
	Submission Date: NOV 6/09
Phone:	
Fax:	
E-Mail:	Delivery Via: POSTAL DEL. HARD COPY
Client No.: SPJ - D20	QC Requested: Y

Method Code reported with this certificate

GFA-GR-AU-1	FIRE ASSAY GRAVIMETRIC	1	COMPLETE
-------------	------------------------	---	----------

Legend:

< = Not Detected

N.M. = Not Measured

Please refer to the SPJ Labs Job No. 09-0018 if you have any questions.

  
Peter Larable, Fire Assayer

MAY.26/10

Date:

# SPJ LABS

## FIRE ASSAY REPORTS

DATE COMPLETED: November 6th 2009  
DATE REPORTED: November 6th 2009  
DATE APPROVED: November 6th 2009  
JOB/DAILY I NO.09-0018  
NAME OF ASSAYER: PETER LARABIE  
NAME OF SENDER: GINGURO

CODE: FA

<b>JOB/DAILY NO:</b>	<b>SAMPLE NO:</b>	<b>AU OZ/TON</b>	<b>CERTIFIED VALUES SPJ values</b>	
			<b>AU OZ/TON</b>	
09-0018				
09-0018-01	H930736	2.32		
09-0018-02	H930737	0.357		
09-0018-03	H930738	0.071		
09-0018-04	H930739	0.18		
09-0018-05	H930740	N.D.		
09-0018-06	H930741	0.034		
09-0018-07	H930742	N.D.		
09-0018-08	H930743	0.031		
<b>09-0018-08-D</b>	<b>H930743</b>	0.032	<b>PJV-2 std</b>	<b>0.273</b>
				<b>0.273</b>



65 Nelson Road  
 Lively, Ontario  
 P3Y 1P4 Canada  
 tel: 705-682-2777 x 100  
 Fax: 705-682-4777

Issued To: Ginguero Exploration Inc  
 101 957 Cambrian Heights Dr.  
 Sudbury  
 I3C 5S5

Certificate No:	09-0020-15
Certificate Date:	MAY 26/10
Project Number:	
SPJ Labs Job No.	
Submission Date:	NOV.11/09
Delivery Via:	POSTAL DEL. HARD COPY
QC Requested:	Y

Phone:	
Fax:	
E-Mail:	
Client No.:	SPJ - 020

Method Code reported with this certificate

<b>FIRE ASSAY GRAVIMETRIC</b>	<b>1</b>	<b>COMPLETE</b>
<b>GFA-GR-AU-1</b>		
<p><b>Legend:</b>                  &lt; = Not Detected                  N.M. = Not Measured                  Please refer to the SPJ Labs Job No. 09-0020 if you have any questions.</p>		

*Peter Larabie*  
 Peter Larabie, Fire Assayer

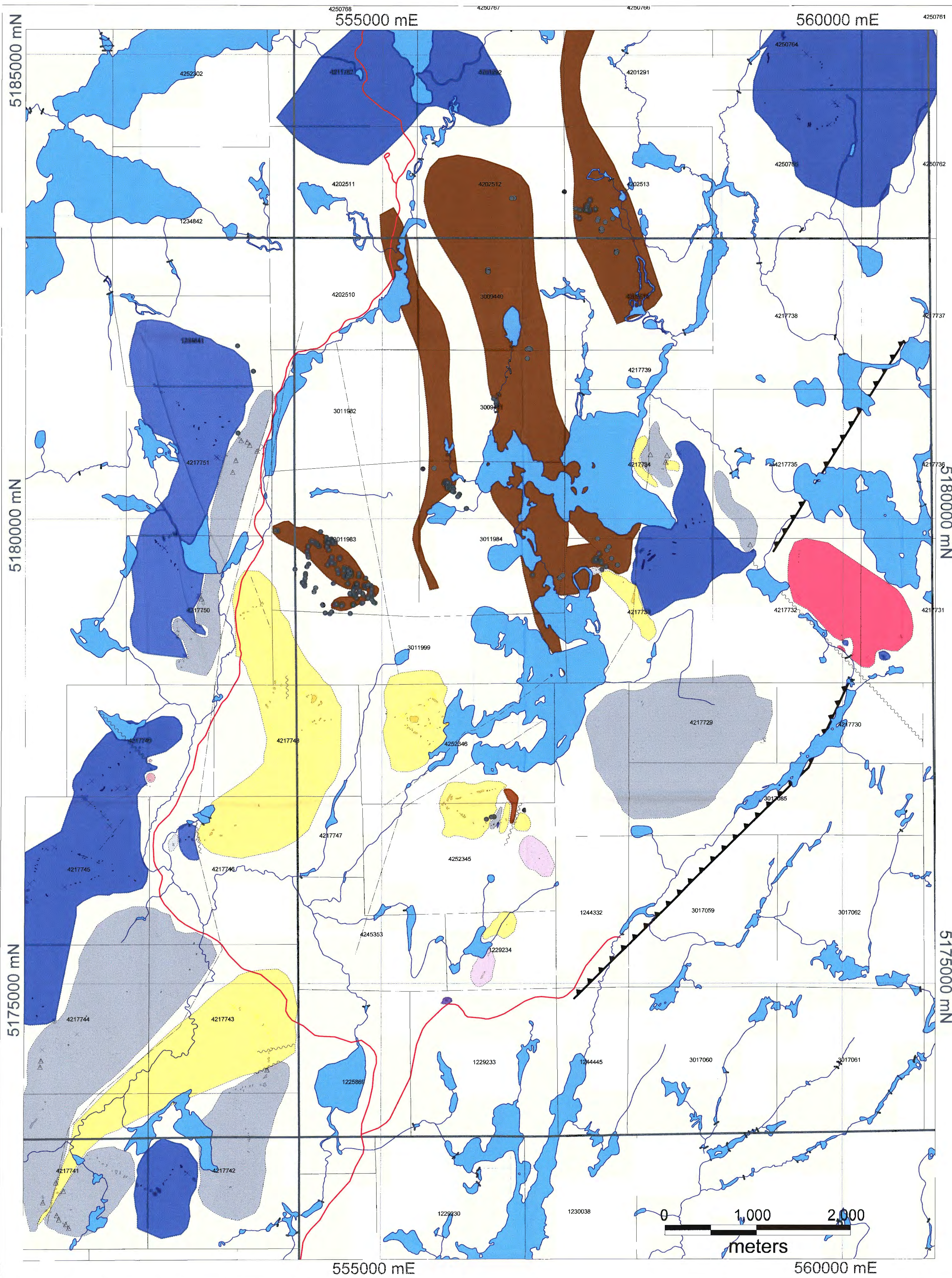
Date:           MAY.26/10

**SPJ LABS  
FIRE ASSAY REPORT**

**DATE COMPLETED:** November 11/2009  
**DATE REPORTED:** November 11/2009  
**DATE APPROVED:** November 11/2009  
**JOB / DAILY NO.** 09-0020  
**NAME OF SENDER:** Ginguro  
**ASSAYER:** Peter Larabie

**CODE:** FA

<b>JOB / DAILY NO.</b>	<b>SAMPLE NO.</b>	<b>Au oz/ton</b>	<b>Ag oz/ton</b>	<b>CERTIFIED VALUES</b>	<b>SPJ values</b>
<b>09-0020</b>				<b>Au oz/ton</b>	<b>Au. Oz/ton</b>
09-0020-01	H930744	0.02			
09-0020-02	H930745	0.003			
09-0020-03	H930746	N.D			
09-0020-04	H930747	N.D			
09-0020-05	H930748	N.D			
09-0020-05 D	H930748	N.D		PJV-2 std. .273	0.272



**GEOLOGY**

**MIDDLE PRECAMBRIAN**

- Nipissing Diabase
- Undifferentiated Grenville Rocks

**Huronian Supergroup**

- Lorrain Formation Quartzite
- Mississagi Quartz Pebble Conglomerate

**EARLY PRECAMBRIAN**

- Undifferentiated Archean Basement
- Granitoid Rocks

**OTHER SYMBOLS**

- Fault/Shear
- Cataclastic Breccia
- Small Outcrop (see colour codes for rock type)
- Offset
- Grenville Front Tectonic Zone (GFTZ)
- Grab Sample Location

**MOUNT LOGAN**  
Resources

**PARDO PROJECT**  
Sudbury Area, Ontario

**Reconnaissance Mapping Compilation**

N.T.S. Mapsheet 41I/16 UTM NAD 83, Zone 17

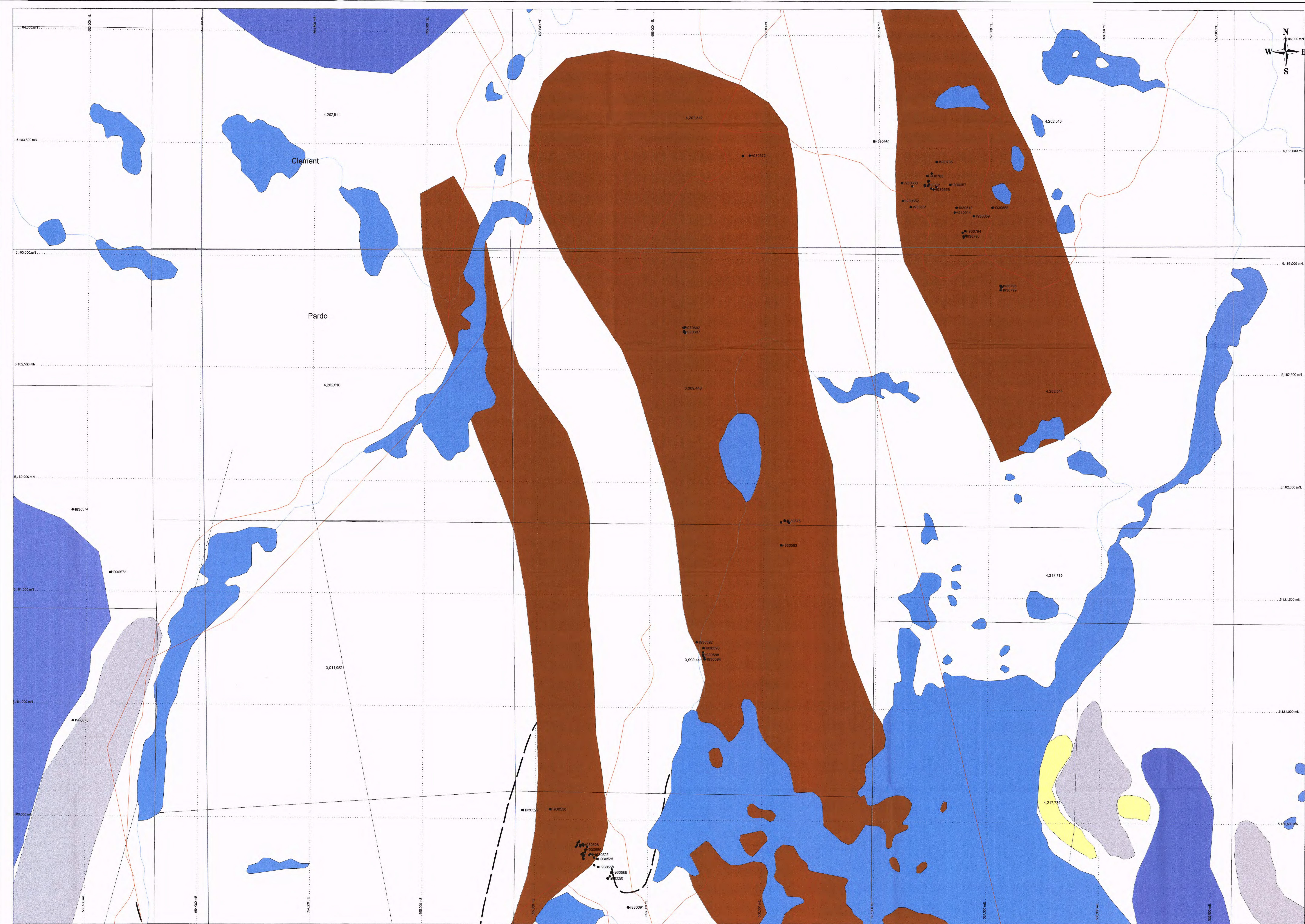
DATE: 14/01/2010

FILE:

**1 : 20,000**

FIGURE:

PLOT:

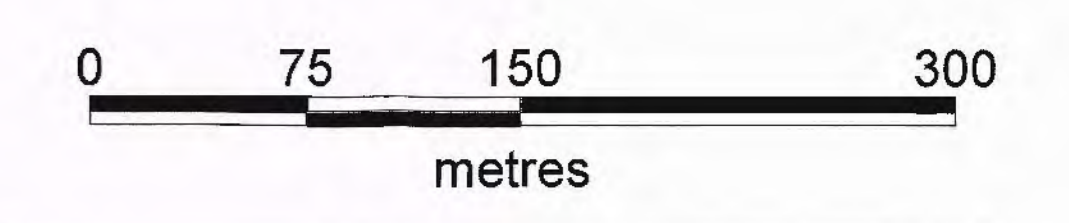


**Geology**

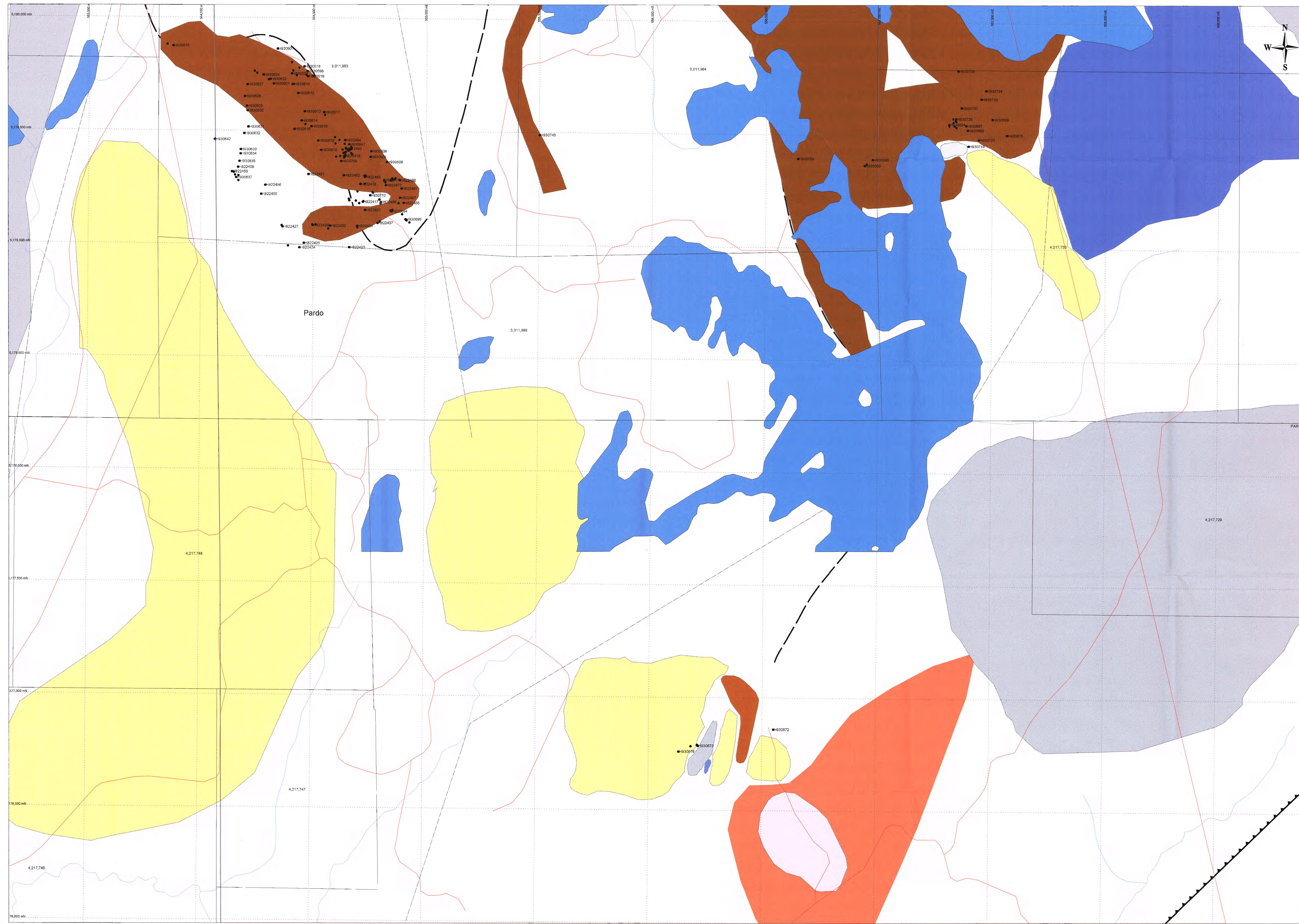
- Middle Precambrian**
- Nipissing Diabase
- Huronian Supergroup**
- Lorrain Formation
- Mississagi Quartz Pebble Conglomerate
- Early Precambrian**
- Undifferentiated Archean Basement
- Granitoid Rocks
- Grab Sample Location

**Ginguro Exploration Inc.**

Project	<b>Pardo Project Sudbury District, Ontario</b>
Date: 16/5/2010	
Author:	<b>Sample Location Map 1</b>
Office: Sudbury	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 17 (NAD 83)







**Geology**

- Middle Precambrian**
- Nipissing Diabase
- Huronian Supergroup**
- Lorrain Formation
- Mississagi Quartz Pebble Conglomerate
- Early Precambrian**
- Undifferentiated Archean Basement
- Granitoid Rocks
- Grab Sample Location

**Ginguro Exploration Inc.**

Project	<b>Pardo Project</b>
Date: 16/5/2010	<b>Sudbury District, Ontario</b>
Author:	<b>Sample Location Map 2</b>
Office: Sudbury	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 17 (NAD 83)

