We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l'accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez nous contacter.

Ontario

PARDO PROJECT – SAMPLING STUDIES 2014

Pardo and Clement Townships
Sudbury Mining Division
Ontario
for

Mount Logan Resources Ltd.

October 15, 2014

James E. Tilsley & Associates Ltd.
5 Steeplechase Ave.,
Aurora, Ontario,
Canada, L4G 6W5

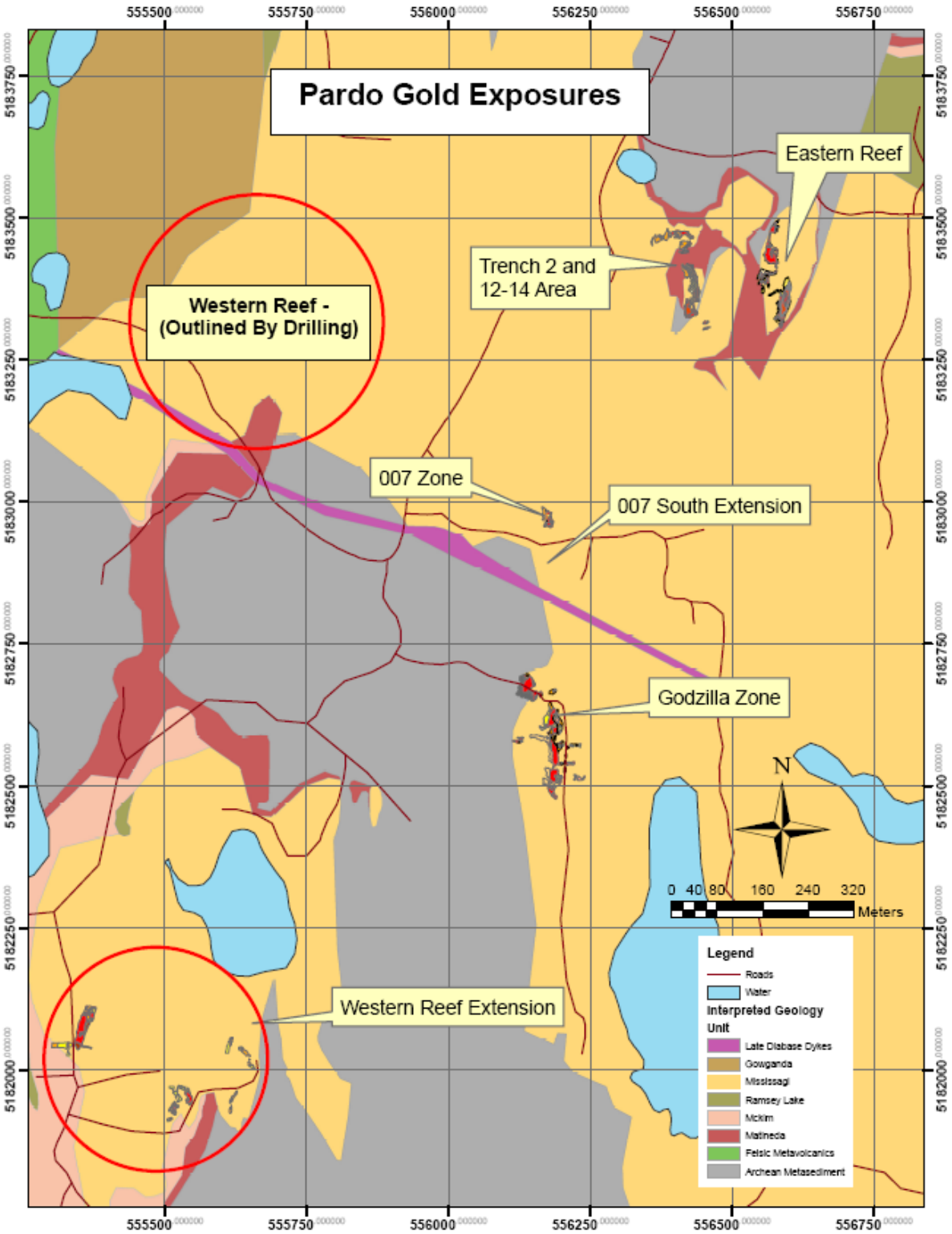
_____

J. E. Tilsley, P.Eng.

TABLE OF CONTENTS

APPENDICES

TABLES


Pardo Gold Exposures
Eastern Reef
Trench 2 and
12-14 Area
Western Reef -
(Outlined By Drilling)
007 Zone
007 South Extension
Godzilla Zone
Western Reef Extension
N
0 40 80 160 240 320
Meters
Legend
Roads
Water
Interpreted Geology
Unit
Late Diabase Dykes
Gowganda
Mississagi
Ramsey Lake
Mckim
Matinedia
Felsic Metavolcanics
Archean Metasediment
555500
555750
556000
556250
556500
556750
5183750
5183500
5183250
5183000
5182750
5182500
5182250
5182000

EXECUTIVE SUMMARY

Paleoplacer gold deposits have provided more than 30% of all gold mined through time. The greatest part of this has come from the Witwatersrand gold deposits in the Republic of South Africa. 'Witwatersrand-type' deposits have been located on all continents except Antarctica. The Huronian Basin that extends from near Sault Ste. Marie east to Lake Timiskaming and north past Gowganda shows an assortment of paleoplacer deposits including the uranium-bearing conglomerates of Elliot Lake. The Quirke Lake paleo-drainage provided ~130 million tons of mill feed, while the Nordic drainage a little more than 36 million tons. Other paleodrainages that fed the basin may be responsible for fossil placers of similar size.

The environment of deposition for the areas studied is a braided channel complex resting on, or near to, Archean basement. The working hypothesis is that the primary distribution of gold is controlled predominantly by alluvial process.

Preliminary sampling studies on the 007 and Eastern Reef exposures of the Pardo Township gold-bearing sediments indicate a variety of challenges that arise from the nature of the primary distribution of gold in the deposit.

Each stratigraphic unit in this rather chaotic complex has a characteristic primary distribution of gold that reflects energy conditions during deposition. There may have been some modification to the primary alluvial distribution of gold during greenschist metamorphism observed throughout the area and interpreted to be associated with the Sudbury Impact Event. In cobble and pebble beds the gold resides in the matrix between the larger clasts. In sand units the gold usually occurs with or within pyrite on horizontal and foreset bedding planes. Normal (?) faulting has interrupted lateral continuity of the sediments. Effective sampling requires careful reconstruction of the basement elevations at the time of deposition, and accurate definition of the position and extent of the auriferous units relative to that surface.

Available data suggest most of the gold is present in grains finer than 80 mesh (~180μ). Gold is associated with rounded pyrite grains and gives the impression it occurs largely within the pyrite. Few gold grains of characteristic alluvial appearance were observed. Although visible gold is occasionally seen in channel samples sawn from outcrops, no grains larger than 20 mesh (~800μ) were recovered from material processed during these studies. Data generated and review of assays from exploration sampling in the project area suggest bias due to +80 mesh gold grains is rare, and the indicated gold content of samples of this material is reliable within quite close tolerances. However, due to an apparent clustering of the fine grains, the ability of existing samples to measure and describe the primary distribution of gold in the various sedimentary units of this deposit is not acceptable.

Mineralisation tends to be generally preferentially ordered in the plane of deposition in both fine and coarse sedimentary units of the braided channel system, order increasing with sorting and packing. High-energy units show more chaotic conditions and large cobbles and boulders of likely barren rock types are common. In addition, the occurrence of large 'internal waste' is predictable only in a general statistical way even with extensive mapping of exposures typical of the unit in question, further complicating early stage exploration sampling.

Sampling requirements are unit-specific, assay data processing must be done on a per-unit basis and, if sample size is not adequate, further segregated based on sample size and assaying routine. Each preparation/assaying routine will produce a characteristic assay value distribution which is an artefact of the particular primary gold distribution, field sample size, and preparation recipe.

Sample size is critical to effective evaluation. It must be chosen on a unit by unit basis and varied in response to the expected frequency of significant events. Adequate sample size is dictated in grain and cluster-dominated mineralisation by a minimum expected average frequency of 5 significant events. In the mineralisation studied the distribution of clusters of gold grains rather than individual gold grains dictates sample size.

The size and frequency of gold grain cluster events has not been established for any sedimentary unit in the deposit. Assaying multiple small samples would give estimators of event size and frequency from which adequate sample size could be derived. Alternatively, sample size could be chosen on the basis of results of assaying series of field samples from each unit and choosing the size that returned an assay artefact with few background or zero values.

Industry common practice diamond drilling and ½ core sampling is likely to be an inappropriate approach for grade estimation due to sample size limitation (core diameters of ~27mm to 85mm). Larger diameter percussion drilling (150mm to 200mm Ø) appears more useful in higher grade units, but inadequate for most units within the two prospects considered. Testing the reliability of percussion drilling of 007-type zones for grade estimation will require collection and preparation of additional conglomerate from within the completed drill patterns.

The requirement for a minimum expected average of five significant events per sample to assure adequacy within specific depositional units will dictate individual sample size for each particular unit. A minimum of thirty adequate samples per unit is required to describe the likely gold concentration more or less reliably. While more samples within a defined unit is generally considered desirable, when the shape of the assay distribution for that unit - sampled consistently - is not changed by additional data points, no advantage will be gained from further sampling. Caveat: No number of inadequate samples - short of sampling to destruction - will properly define the primary gold distribution.

Sampling of high-energy sediments – the boulder conglomerates – is further complicated by the unpredictable occurrence of internal waste – barren boulders - which tend to dominate small scale samples such as diamond drill cores and percussion drill chips.

CONCLUSIONS

- Effective sampling will require careful and detailed geological mapping of the auriferous units in the area studied.
- Each individual sedimentary unit must be sampled separately and the data from such sampling considered independently of data from other related units in the sequence.

- Sawn channels samples give assay results that can be considered reliable for defining the limits of mineralisation, but developing grade estimators based on these values should be done with caution.
- Existing assay data will be more meaningful when samples are grouped according to definable sedimentary units.
- Individual field sample size for each unit depends on the 'expected average of 5 significant events' rule. In addition, preparation for assay must produce products that maintain this requirement in all stages from field sample to the assay furnace.
- Due to the requirement that individual samples be large enough to include a minimum expected average of 5 significant events – including such 'internal waste' events as unmineralised boulders, cobbles, and sand lenses - sample size will be dictated in some cases by waste events rather than gold events.
- Collection of adequate samples for most stratigraphic units will require closely-controlled drilling and blasting even in higher grade units such as the conglomerates of the 007 exposure.
- Sample treatment will require comminution to at least -12mm and preferably -6mm before splitting out sub-samples for further treatment and eventual assay.
- Assay results from the type of mineralisation treated in this study fairly represent the gold content of properly prepared samples, with generally closely comparable values for aliquots cut from the same pulp. Assays of splits from hammer drill parent samples compare well in most cases with samples processed to -20 mesh before splitting generally showing the least variation. Assay results for raw hammer drill chips from the 007 auriferous conglomerates show slightly greater variability but provide useful estimators.
- Total pulp metallics procedures have not shown a significant contribution of coarse gold (+80 mesh, ~180µ) and appear unnecessary.
- Crushing of field samples to ~2mm and pulverising ~1kg to 150 mesh (~100µ) followed by fire assay of two 30g aliquots gives data sufficiently reliable for exploration work. The range of assay values will be wider than for larger aliquots (~50g), but these data will identify those field samples that contain gold.
- Drill cores and sawn channel samples are unlikely to be large enough to satisfy the minimum expected frequency of events conditions in much of the material studied and consequently will include both zero and background values. Such discontinuous assay data give poor support for grade estimation routines and probably should not be used for those purposes.
- Every effort should be made to match the simplest sampling approach to each gold-bearing unit, including, if possible, diamond or hammer drilling of high energy zones. Diamond drilling of conglomerates in the braided stream environment is unlikely to give reliable grade estimators, but will yield useful stratigraphic information.
- Sampling for grade determination will be an 'industrial scale' operation in the braided stream environment requiring excavators, haul trucks, and a mobile crusher, followed by similar but smaller scale preparation machinery to produce samples for assay.

- More ordered conglomerates can be expected downstream from the sub-aerial braided stream environment that hosts the two prospects studied. Assuming no severe clustering related to remobilization of gold, deltaic conglomerates carrying potentially economic gold concentrations must have a high frequency of characteristic fine gold grains. Collection of both geological information and reliable grade data by industry common practice diamond drilling is possible. This study did not include sampling of distal units, but the exploration potential offered warrants serious consideration.

RECOMMENDATIONS:

- Distal conglomerates deposited under predominately sub-aqueous deltaic conditions are expected to be more consistent in continuity, distribution, and gold content. Compilation of all existing outcrop and diamond drill data controlled by accurately measured elevations down the paleo-drainage from the high-energy conglomerates is recommended to test for the presence, likely extent, and possible surface exposures of deltaic conglomerates.
- The potential gold resource in the braided stream environment should be considered in terms of exploration effort warranted and the usefulness of detailed definition of gold concentration in the various units.
- Planning of additional sampling must take the above observations into consideration. If further investigation of the gold potential of the braided stream environment is undertaken, work should include the following activities:
- All geological data should be compiled with close attention to interpretation of original elevation at time of deposition. Topographic surveying of units of interest in outcrops and drill holes should be done as soon as possible. Careful definition of individual stratigraphic units is strongly suggested in order to allow organising existing sample results from sawn channels according to parent units.
- Sampling must be constrained by the stratigraphic limits of individual sedimentary units, unless it can be demonstrated that other controls on the primary distribution of gold are important. Testing the working hypothesis must be a continuing process to allow modification of sampling in response to improved understanding of the mineralisation.
- Design of any sampling program must recognise that field sample size is dictated by primary distribution of components of the stratigraphic units, including the distribution of internal waste. In all cases care must be taken to respond to the sampling requirements of the mineralisation and every effort made to acquire samples of adequate size.
- Treatment of large samples will require appropriate equipment for excavation, hauling, and primary crushing that is likely available through local contractors, and intermediate size secondary crushing and splitting machines for reducing particle size and sample volume for submission to commercial assay laboratories. The latter equipment would have to be sourced and assembled for the sampling project.

- The next phase of sampling in the braided stream environment should begin on the apparently higher grade prospects, 007 and Godzilla, for example, to develop a full understanding of the distribution of gold in the mineralised units, the vertical and horizontal extent of potentially mineable zones, the likely gold content of the mineralised beds, and the resulting sampling requirements for routine exploration and evaluation.
- Further sampling in the braided stream environment will require sourcing of necessary contractors and specialised equipment. This should begin shortly in order to define a budget and to allow time to assemble the sample treatment plant before the next field season.

LOCATION AND ACCESS

The 007 mineral showing is located on Mineral Claim 3009440 in Pardo Township, and the Eastern Reef showing lies in Claim 4202512 adjoining to the north in Clement Township, both in the Sudbury Mining Division, Ontario.

Approximate co-ordinates:

007:	46° 47’ 52” N;	80° 15’ 50” W	UTM 17 T: 556170mE;	5182965mN
Eastern Reef:	46° 48’ 05” N;	80° 15’ 31” W	UTM 17 T: 556600mE;	5183380mN

The study area lies ~35 kilometers north of the village of River Valley by Highway 539A and Highway 805. River Valley is located about 27km via Highway 539 north of Highway 17 at the village of Warren.

Source - Google Earth image 2014

CONCEPTS AND DEFINITIONS

General Concept

In grain and cluster-dominated mineralisation, sampling difficulties arise from field sample size being too small for the primary distribution of gold. Ideally, an adequate sample has an expected average of 10 significant events or more. A practical adequate sample is large enough to include an expected average of five significant events. Such a sample from a material in which there is a random distribution of events of interest has a low (<1%) probability of no events.

Smaller samples having expected averages lower than five include zero in their probability distributions. The lower the expected average, the greater the frequency of sampling zeros. As an example, if the expected average number of events in a sample is one, expect ~37% of

samples to have no events, ~37% to have one event, ~18% to include two events, ~6% to have three, and ~2% to show three or more events.

Preparation of sub-samples for assay from adequate field samples must maintain the minimum expected average number of events, usually by grinding to break apart events into as many smaller pieces as possible. If this is unsuccessful, the preparation process introduces the probability of no events in some of the sub-samples, the assay distribution becomes discontinuous, and its ability to describe the primary distribution is compromised.

Every sub-sampling of a field sample introduces the possibility of introducing sampling zeros, so it is important to understand the process in detail in order to detect problems that might be introduced.

Samples that, for whatever reason, return assays of zero (or background) from within the limits of mineralisation yield a database that is discontinuous and consequently cannot properly support formal statistical processes.

Ultimately, one mines the primary distribution, not a statistical model of it.

Adequate sample – A sample large enough to include an expected average of five significant events.

Continuity Threshold - Even in perfectly random distributions of grains or clusters of grains there is a probability that some samples of that material will not include any significant events. This reality becomes a concern when the expected average of significant events within a sample falls to less than five. At expected averages less than five, zero becomes a member of the probability distribution, and is progressively more prominent as the expected average decreases. When zeros due to inadequate sample size enter a database the continuity threshold has been breached. Inappropriate preparation for assay and occasionally the assaying procedure chosen may result in some aliquots having no gold. When an assay distribution includes zeros due to inadequate field sample size or as a result of sample preparation and/or assaying procedure, the assay data are discontinuous and do not accurately describe the primary distribution being sampled nor do they properly support parametric or non-parametric statistical manipulations.

Event – An occurrence of interest within a volume, weight, time period, et cetera. Gold grains or barren boulders in a mineralized zone, for example.

Field sample – A quantity of rock collected from a mineralised zone or other material for a variety of purposes. Includes diamond drill cores, cuttings, and percussion drill chips, rock broken by various means, sawn from outcrop, et cetera.

Expected average or expected value – Used in this context as the simple average number of events in samples of a given size taken from a random distribution of events in the material being studied. Example: If one kilo samples are taken from 1000 kilograms of gravel that contains 1000 gold grains the expected average number of gold grains per 1kg sample is 1000/1000=1. 2kg samples are expected to contain 2 gold grains; One-half kilogram samples from the same parent material are expected to contain 0.5 gold grains, et cetera. Each expected value or

expected average is the basis for a probability distribution. The Poisson statistic is a convenient frame of reference – other statistics are also applicable. Weakness lies in divergence of the (assay) data from the assumed (chosen) distribution and from the primary distribution of gold in the mineralised zone.

Grain and cluster-dominated mineralisation – Mineralisation in which the valuable component occurs in relatively large individual grains or clusters of grains separated by barren host rock or low intensity 'background' values.

Primary distribution – The current three-dimensional distribution of gold within the mineralised units being sampled. This distribution dictates all sampling requirements.

Sampling zeros – Zero values in a field sample taken from within the limits of a mineralised zone that occur due to the field sample being too small to assure inclusion of significant events. Inappropriate preparation of adequate field samples can also create sampling zeros.

Significant event – An event such as a gold grain or cluster of grains of a size and frequency that contributes an important part of the contained metal in a deposit, or any other more or less frequently occurring events that exert a measurable influence.

Sub-sample – Any portion of a larger sample.

Total pulp metallics – An assay procedure that involves pulverising a sample and screening to remove grains of gold larger than the screen opening. The weight of gold recovered on the screen is determined by assaying the entire plus fraction to destruction. The gold content of the undersize fraction is estimated from assay of one or more aliquots of the pulp. The measured and calculated gold weights are combined to give a calculated gold content for the sample which is usually expressed as grams per tonne or ounces per ton. The measured and calculated gold values pertain to the portion of the field sample pulverised and screened, but are often assumed to estimate the gold concentration of the entire field sample, and by extension, the rock surrounding the field sample site.

INTRODUCTION AND GENERAL DISCUSSION

Gold mineralisation in the project area occurs in Huronian clastic sediments. In the northern part of the study area, gold is hosted by somewhat chaotic braided stream deposits ranging from high-energy polymictic boulder conglomerates to medium and fine sands. The sediments appear to become better organized down the paleodrainage to the south where a thin well sorted oligomictic quartz pebble unit is exposed.

The primary distribution of gold in the Pardo Township conglomerates presents several sampling problems that relate to metal distribution and to concentration.

The gold is generally fine and intimately associated with apparently detrital pyrite in the matrix of the conglomerates with occasional grains and nuggets of visible gold observed in channel samples sawn from outcrops.

The 007 and Eastern Reef prospects occur in a braided channel system that includes high-energy channel conglomerates, pebble beds, and sand bars overlying Archean metasedimentary basement and locally on an apparently discontinuous well-sorted small to medium clast conglomerate unit that rests on basement. Post-depositional faulting displaces both the sediments and the basement rocks.

The 007 exposure shows coarse pyrite-bearing polymictic conglomerate deposited on Archean basement. Conglomerate thickness ranges from 1m to 4m. Cobbles and boulders of granite and metasediments range in size to about one-half metre in diameter and tend to be clast-supported with matrix in-filling. Gold occurs in the matrix associated with pyrite. There is a suggestion that there may have been some remobilisation of gold during greenschist metamorphism possibly related to the Sudbury Impact Event. Gold observed is fine and appears to be held within pyrite grains. Few grains of alluvial shape and surface appearance are evident. Channel sampling suggests persistent and relatively strong gold values.

The Eastern Reef exposure includes matrix to clast supported conglomerate beds and collections of large boulders (up to ~1m) in-filled with medium to fine sand. The conglomerate and sand package is up to ~10m thick and rests on Archean metasedimentary basement. All units are pyrite-bearing and show preferential organisation of pyrite conformable to bedding planes. There is some clustering of pyrite in natural riffles that appear responsible for some significant portion of the contained gold. In general, channel sampling indicates wide-spread mineralisation but lower over-all gold content.

While visible gold grains larger than 800µ are observed occasionally in channel samples sawn from outcrops, none was recovered during processing of samples from either the 007 or the Eastern Reef exposures. Such grains may be responsible for isolated outliers in databases derived from small samples but their frequency is likely to be underestimated in routine sampling.

In both prospects, the greater part of the gold appears to be present in individual grains and clusters of grains finer than 80 mesh (~175µ). Each of the most common individual grains has only a small influence on assay results, even in low-grade and 'background' samples. There is

little evidence of assaying problems with properly prepared samples. The interpreted gold concentration in the samples appears reasonably secure.

There is, however, notable variation in gold content between samples of the same series, whether sawn channels, diamond drill core, or percussion drill chips. This is attributed in part to the size of samples being collected from several different sedimentary units with apparently different primary distributions of gold. Each sample size and primary distribution combination will produce an assay distribution that is an artefact of those two factors, possibly complicated by the preparation and assay routine applied. Existing assays come from at least several different sedimentary units and the apparent distribution results from combining their artefacts.

The ability of the field samples to reflect the gold content of the mineralised material, to describe the primary distribution of gold in the ground, is a function of sample size relative to the primary distribution. As the expected number of significant events in a field sample falls, the probability of non-inclusion increases, even if the 'events' are distributed in a perfectly random manner throughout the mineralised zone. Below five expected significant events in field samples, zero is a legitimate member of the probability distribution, and some samples of a series will not contain significant gold grains or clusters of grains. As noted above, assay distributions from treatment of such samples will be artefacts of the sample size and the primary distribution of events in the mineralised zone, possibly further influenced by the preparation for assay recipe.

It is industry common practice to explore mineralised zones by diamond drilling. This limits the size of field sample to about 2kg to 14kg per metre, the most common being NQ at ~4.7kg/m. Usually one half of the cores will be retained for reference leaving one-half, or ~2.3kg for metal concentration determinations.

Diamond drill cores provide less than satisfactory samples for delimiting mineralised zones in this environment and are generally too small for reliable gold content determination for the units intersected. Percussion drilling using ~6" diameter drill bits produces samples that give more useful but still insecure results from the higher grade conglomerates, and are clearly too small for the lower-grade mineralisation.

The inability of the drill samples to represent the primary distribution of gold reliably relates to the organisation of gold values parallel to bedding and the small area of the drill samples cutting the preferred plane of organisation. The gold concentration in the majority of units that make up the mineralised sections cannot be determined reliably from the samples currently available.

Although the primary distribution of gold grains and clusters of grains may appear chaotic at smaller sample sizes, say, one to five kilograms, and assays of these samples may show discontinuity, at some larger sample size the quantity of contained gold will become more consistent and those gold concentration values describe the true primary distribution more accurately.

In grain and cluster-dominated mineralisation it may be difficult to satisfy the field sample size requirements of the primary distribution, and often, the preparation requirements are onerous in terms of commonly available facilities in commercial assay laboratories.

Design of sampling programs must recognise that each definable sedimentary unit in a depositional package will have a characteristic distribution of the material from which it is made, including heavy minerals of interest, in this case, gold. The first control on sampling is stratigraphic. Within a stratigraphic unit there may be variations in applied energy on a broad scale or on a very local scale. These variations contribute to the range of values obtained from samples of the unit. The size of sample relative to the scale of variation controls the distribution of values contained in any series of samples. The rule of thumb is that an adequate sample of any unit is one that includes an expected average of no less than five significant events. If sample size is less than adequate – the expected average number of significant events is less than five – some samples from within the limits of mineralisation will not include any significant events. Zero (or background) values appear in the database and the distribution of values is discontinuous. The primary distribution of values in the unit will not be fairly represented by the data generated by assaying inadequate samples, and any estimators based on discontinuous distributions are to some – often serious – extent, unreliable.

HAMMER DRILLING

Equipment

The machine used is a Gardner Denver Model SCH 5000, Serial No. 5011784. It is track-mounted top-drive hydraulic hammer unit with two chip collectors, one beside the hole collar, the other at the rear of the rig. The drill chips are cleared from the hole and carried to the collectors with compressed air provided by an on-board air compressor that supplies 400CFM at 100psi.

The machine is designed for drilling in quarries and pits without overburden, and works well on cleaned outcrop. It has no provision for dealing with unconsolidated overburden.

The drilling mechanism is articulated to allow ease of hole collar location and further mobility is provided by the tracked undercarriage.

Chips are efficiently contained by an adjustable shroud that is lowered to the rock surface to surround the hole collar. Even on irregular surfaces there was minimum chip loss from dry holes. Sample return and collection, however, are complicated by excess water entering the drill hole through fractures in the rock. This caused termination of sampling in some holes before the planned depth was reached.

The front collector gives a relatively uncompromised sample with little risk of contamination in dry holes. The rear collector shows a ‘memory’ due to apparent transient partial retention of material in the conduits and in filters of the rear collector. The front collector recovered on average 66% of the chips and dust, while the remaining 34% reported to the rear collector. Following receipt of the first assays from the hammer drill samples only the front collector samples were processed. The rear collector samples continue to be retained with the rejects from the front collector samples.

This machine could be modified easily to feed a cyclone placed at the hole collar as the only collector and make use of the rear collector unnecessary. Additional compressed air would allow clearing of deeper holes and use of larger diameter bits.

Gardiner Denver Model SCH 5000 collaring PD-14-03-N on the 007 Showing, July 22, 2014. BQTK diamond drill hole is marked by stake with red flagging tape.

Drilling Pattern

A total of six locations on the Eastern Reef and 007 showings were selected for hammer drilling. A series of BQTK (40.7mm diameter core) diamond drill holes was drilled in the prospect area prior to arrival of the hammer drill. Three locations on each prospect were chosen for additional investigation.

Four hammer drill holes were laid out at the cardinal points approximately 1m from the diamond drill hole. The North holes were planned to reach the depth of the diamond drill pilot hole. The East, West, and South holes were intended to test the conglomerate units indicated by the diamond drill core. Surface conditions generally allowed the planned pattern to be achieved in most cases, with minor variation dictated by local-scale outcrop unevenness, topography and machine requirements.

Chip collecting arrangement

Sample Collection, Documentation, and Security

Sampling began with placing the drill bit on the outcrop, lowering the centralizer and the collar shroud until the shroud came in contact with the outcrop, and marking the drill rod with a white marker at the top of the centralizer and at 50cm intervals above. When rods were added the marking interval was continued.

Workers held pre-numbered woven fiberglass rice bags under the discharge of each collector, the compressed air was turned on, and the hydraulic hammer drive started. Advance was halted when the first 50cm mark reached the top of the centralizer and the hole blown clean with compressed air. This sequence was repeated to the end of the hole.

Each sample was inspected for geological information before the bag was closed and sealed. These data were recorded on printed forms that allowed check marks and short written comments.

The rear collector sample bag was closed with a re-bar tie and a numbered security tag, and placed in the bag containing the front collector sample, which was then tied and sealed in a similar manner.

Samples were carried to waiting vehicles and transported to locked storage at a rented property in River Valley some 35 kilometers by Highway 805 and Highway 539A south of the showings.

All samples were weighed as received, security tag numbers verified, and these data were entered on spreadsheets and/or digital forms.

All of the hammer drill holes completed on the 007 showing were sampled. Only the North hammer drill holes from Eastern Reef were processed. PD-14-08-N, PD-14-10-N, and PD-14-11-N, were sampled and sub-samples sent for assay. Raw field samples from the South, West, and East holes at the three Eastern Reef drill sites that were not processed or sub-sampled are archived in a locked container at the Mount Logan Resources Ltd. core shack in Sudbury, along with rejects from sampling and processing the other 007 and Eastern Reef materials.

Treatment in Preparation for Assay

The first samples were passed through a Keene Engineering Model RC46T combination 4" X 6" jaw and 6" diameter two-roll crusher powered by a Honda GX390 ~13 horsepower gasoline motor. The product was then sent to a 24" diameter Sweco Model ZS24_44444 screen fitted with one or two decks. The +20 mesh fraction was returned to the Keene crusher as often as necessary and reduced in volume until less than 500 grams of oversize remained. Preliminary tests during set up of the equipment used 20 mesh and 30 mesh screens. This was reduced to one 20 mesh screen for the initial hammer drill samples, then discontinued when gravity treatment showed no +20 mesh gold. Further, it was established that preparation of the raw hammer product by crushing to -20 mesh did not reduce variability between assays of multiple sub-samples from parent field samples sufficiently to warrant the additional time and effort involved. Collection of material for assay involved passing the raw or processed material through a Jones riffle until the final split gave two samples of about 1 to 2kg each. Throughout the splitting process alternate cuts were rejected or retained to minimise mechanical bias that might be due to always choosing the front or back split for reject or for further processing.

The final splits were placed in separate plastic sample bags with numbered tags supplied by Activation Laboratories and sealed in 20-litre plastic pails for shipment. Each pail included a list of samples therein and instructions to assayers setting out the laboratory preparation and gold assaying details desired. The first batches of samples were shipped via Greyhound Canada Transportation ULC to Activation Laboratories in Thunder Bay, Ontario. The last samples were delivered directly to the Activation Laboratories facility in Sudbury.

Assaying

Laboratory preparation of samples sent to Activation Laboratories in Thunder Bay involved pulverising the entire sample submitted to a nominal 150 mesh followed by cutting out two ~50-gram aliquots for fire assay-atomic absorption finish. Any results greater than 3 grams gold per tonne were routinely checked by fire assay with a gravimetric finish. Assay reports included

sample weights as received and measured aliquot weights. [PD-14-01-N, PD-14-01-S, PD-14-08-N]

The samples delivered to Activation Laboratories in Sudbury had ~1kg split out for pulverising. Two 30-gram aliquots from each of the ~1kg pulps were fire assayed. Assay reports include as-received weights and measured aliquot weights. [PD-14-01-E, PD-14-01-W, PD-14-03-N, PD-14-03-S, PD-14-03-E, PD-14-03-W, PD-14-04-N, PD-14-04-S, PD-14-04-E, PD-14-04-W, PD-14-10-N, PD-14-11-N.]

Data Handling and Presentation

Data from the assay laboratories were entered into the compilation spreadsheets for record-keeping and to allow comparison of results.

The data are presented for comparison of response to sub-sampling of raw and processed material, testing the range of results from each approach, and modifying the sample preparation and assaying recipes.

Discussions

There are too few samples from individual sedimentary units to allow developing a meaningful grade estimator. The 007 drilling gives some useful information on grade and thickness of that particular high-energy unit. The hammer drill holes are located within ~1m of the BQTK 'pilot' diamond drill holes and within two metres of one another. There are too few results to establish the shape of the artefact assay distribution for this size of sample applied to the 007 conglomerate. These few data indicate a rather broad distribution of values - at the field sample size provided by the hammer drill - and the variability of gold content between closely-spaced drill holes suggests that even the 6.625" diameter bit gives samples too small to overcome the influence of the internal waste boulders characteristic of that conglomerate.

However, there are no obvious sampling zeros from the 29 individual 0.5 metre samples recovered from the auriferous unit. This indicates the ~30kg/0.5m hammer drill samples may be approaching an adequate size for the stratigraphic unit.

There is a common expectation that results from essentially adjacent samples must be similar. This implies a correlation between gold content and the separation between samples. Such a correlation may be seen in some mineralisation where the valuable component is present at high concentrations, iron ores and massive sulphides, for example. This relationship, in most grain and cluster-dominated mineralisation where economic concentrations are measured in parts per million, is rarely demonstrated but often assumed. This is especially so for data derived from industry common practice sample sizes. In the absence of confirmed grade trends, the probability of any two samples from the same random population returning similar values depends on the shape of the probability distribution for the sample size applied to the primary distribution of events, and is independent of the relative positions of the samples in three-dimensional space. The simple assumption of an essentially un-trended primary distribution should be considered first. Results from sampling the 007 hammer drilling can be taken as a

preliminary measure of the assay distribution artefact that can be expected. The relationship of that artefact to the primary distribution remains to be established.

Results of assaying material from the Eastern Reef beds suggest that no significant events are included in the material from two of the three (North) hammer drill holes sampled. These assays indicate the samples are well prepared and the values reported are reasonably good estimators of the actual (background) concentrations of gold in the samples. No further manipulation appears warranted at this time.

Results of hammer drill sampling are entered in the spreadsheets that give the diamond drill logs for PD-14 series holes 01, 03, 04, drilled on the 007 showing and 08, 10, and 11 drilled on Eastern Reef. [See Appendix III]

Results from 11 of the 12 holes located on the 007 prospect are summarised below and given in detail in Appendix III. PD-14-03-W did not cut the mineralised conglomerate due to influx of water at about 1.5m below the collar.

Comparison of Drilling Results - 007 Showing

DDH	Thickness (m)	Au g/tonne	HDH	Thickness (m)	Au g/tonne	Thickness (m)	Au g/tonne
PD-14-01	1.03	3.56	PD-14-01-N	1.00	5.77		
			PD-14-01-S	1.00	7.88		
			PD-14-01-E	1.00	4.27		
			PD-14-01-W	1.50	2.69		
PD-14-03	1.21	4.00	PD-14-03-N	1.50	5.74		
			PD-14-03-S	1.00	2.88		
			PD-14-03-E	1.00	4.18		
			PD-14-03-W	N/S			
PD-14-04	1.00	4.15	PD-14-04-N	2.50	1.01		
			PD-14-04-S	1.00	0.8		
			PD-14-04-E	1.50	1.84		
			PD-14-04-W	1.50	2.16		
	0.50	1.85	PD-14-04-E			1.00	3.69
			PD-14-04-W			0.50	2.13

007 LARGE GRAB SAMPLE [17 T ~556170E; 5182960N]

This sample was taken to provide material to tune the crushing and screening equipment, and to develop some sense of the distribution of gold in the conglomerate. The material was collected from surface in an area about two metres in diameter 9m west of PD-14-04 on a line between PD-14-03 and PD-14-04.

Selection was random from within the sample area. Three rice bags were partially filled with material, each to a weight convenient for handling. No other criteria were applied.

Location of 007 Large Grab Sample

Each lot was handled separately with some material from each used in adjusting the crusher and the screens. The amount of material processed as sample was what remained after completing equipment setup.

Each lot was crushed and screened to produce a +20 mesh, -20 +30 mesh, and -30 mesh product.

The +20 mesh fraction was returned to the crusher and re-screened repeatedly until less than ~100g remained. That portion was panned and inspected for gold grains – none was found – and discarded.

The -20/+30 mesh and the -30 mesh fractions were sub-sampled and sent for assay. The +30 mesh fraction of each lot returned lower values than the -30 mesh fraction, suggesting that crushing preferentially liberated fine gold that reported to the -30 mesh product, and that there was little or no detectable contribution from +30 mesh grains.

Lot 3 had fire assay-atomic absorption values from both -30 and +30 mesh fractions that warranted fire assay-gravimetric confirmation.

Summary of Results – 007 Grab Sample

(Fire Assay – Atomic Absorption Finish)

	Field Sample number	As Received Wt (kg)	As processed (Kg)	Lot Weighted Average mg/kg (grams/tonne)	mg Au per lot	Total g/tonne
Lot 1	12/7/2014 - 1	30.164	25.646	3.223	82.657	
Lot 2	12/7/2014 - 2	31.978	27.66	0.904	25.005	
Lot 3	12/7/2014 - 3	26.932	24.318	7.515	182.750	
Totals			77.624		290.411	**3.74**

Comparison of Fraction Weights and Gold Content – 007 Grab Sample

(Fire Assay – Atomic Absorption Finish)

		Weighted Average mg/kg (g/tonne)	Weighted Average mg/kg (g/tonne)	Au in fraction processed mg	Lot Weighted Average mg/kg (g/tonne)	Weight of fraction %	% Total Au
Lot 1	+30 mesh	1.970					
		1.895	1.933	19.856		40.06	24.03
	-30 mesh	3.895					
		4.275	4.085	62.791	3.223	59.94	75.97

		Weighted Average mg/kg (g/tonne)	Weighted Average mg/kg (g/tonne)	Au in fraction processed mg	Lot Weighted Average mg/kg (g/tonne)	Weight of fraction %	% Total Au
Lot 2	+30 mesh	0.702					
		0.812	0.757	9.316		44.51	37.28
	-30 mesh	0.973					
		1.070	1.021	15.675	0.904	55.49	62.72
Lot 3	+30 mesh	5.205					
		5.400	5.303	67.617		52.44	37.00
	-30 mesh	10.145					
		9.765	9.955	115.140	7.515	47.56	63.00

Simple Average g/tonne **3.842** Wt Average g/tonne **3.74**

007 Grab Sample – Lot 3. FA-AA and FA-Gravity Results

		FA-AA Au ppb	FA-AA Au ppm	FA-Gra Au ppm Wt Av	FA-Gra Au ppm Wt Av	FA-Gra Au ppm Wt Av	% Total Weight	% Total Au
Lot 3	+30 mesh	5030	5.03	4.79				
Assay 1		5740	5.74	4.79	4.79		52.44	31.42
	-30 mesh	9990	9.99	10.5				
		10200	10.2	10.4	10.45	**7.48**	47.00	68.58
Lot 3	+30 mesh	5380	5.38	4.88				
Assay 2		5060	5.06	5.87	5.38		52.44	36.06
	-30 mesh	10300	10.3	8.85				
		9330	9.33	10.3	9.53	**7.35**	47.00	63.94

EASTERN REEF PANELS [17 T 556600E; 5183380N]

Four 0.5 metre by 0.5 metre panels of adjacent samples were sawn from two stratigraphic levels on the Eastern Reef exposure. Both locations permitted sampling approximately one metre thicknesses of conglomerate.

Individual samples are 0.5m long, ~0.05m thick, and ~0.08m deep. 10 samples were sawn from each panel, for a total of 20 horizontal samples. As received weights reported by Activation Laboratories in Thunder Bay, Ontario, averaged 5.99kg from the 2 horizontal panels on the lowest exposed conglomerate south of PD-14-08 [Panels 1 and 2], and 7.23kg from the

conglomerate about one-half meter stratigraphically below the collar of PD-14-08. [Panels 3 and 4]. Panels 1 and 2 provided 119.9kg in total: Panels 2 and 3, an additional 144.66kg, for a total of 264.56kg.

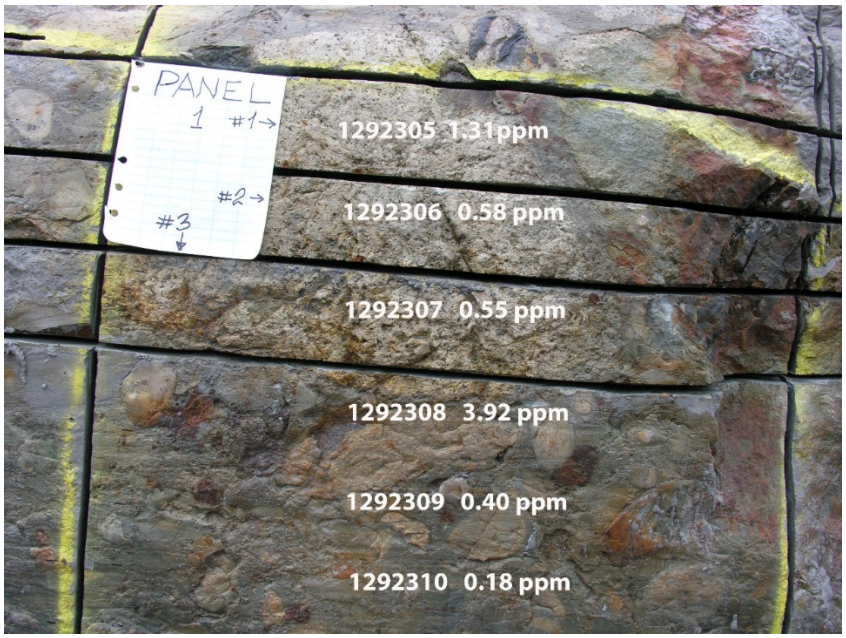
Four vertical samples with a total weight of 15.72kg were taken adjacent to Panel 1 and Panel 2. The "A" channel 0.25m west of the panels and the "B" samples 0.5m west.

Each field sample was pulverised and quartered to yield two ~1kg sub-samples. Two 50-gram aliquots were split from each of the ~1kg sub-samples and subjected to fire assay with an atomic absorption finish.

The panels were sampled to develop an understanding of the mineralisation and to determine the frequency of significant gold events in the stratigraphic units chosen.

The Panel 1 and Panel 2 location returned three likely events from within the horizontal samples of Panel 1 and one from Sample A2, the lower sample of the vertical A channel sawn 0.25 metres west of Panel 2. Clearly, there are too few events to define a frequency distribution, or to interpret the dominant size of event characteristic of this mineralisation.

The size of these events based on the sample weight and assay grade estimators – assuming single events in all cases – range from 9.96 milligrams to 29.24 milligrams of gold. These values probably include some background, and could possibly be the sum of two or more smaller events. There is no way to establish the actual primary distribution from these data. The sampling does suggest a broad separation of gold events requiring inconveniently large field samples.



Close-up of Panel 1 with sample numbers and gold results for the first six samples. Note granite and cherty iron formation cobbles.

Four vertical 0.5m samples were sawn from the outcrop east of the access road at the north end of the Eastern Reef stripping. One returned values near the detection limit, two, 22ppb and 23ppb respectively, and the fourth, a response of 238ppb Au.

Vertical channels in general are less effective in detecting randomly or chaotically distributed gold events than samples oriented with the predominant planes of deposition.

BQTK – CHANNEL SAMPLE ISSUE

One of the notable features of the Pardo Project is the apparent discrepancy between assay results of BQTK diameter (40.7mm) and sawn channels in the outcrop.

Assays of samples collected using BQTK cores give generally disappointing results while the sawn channel samples suggest potentially economic gold concentrations are widespread throughout the project area.

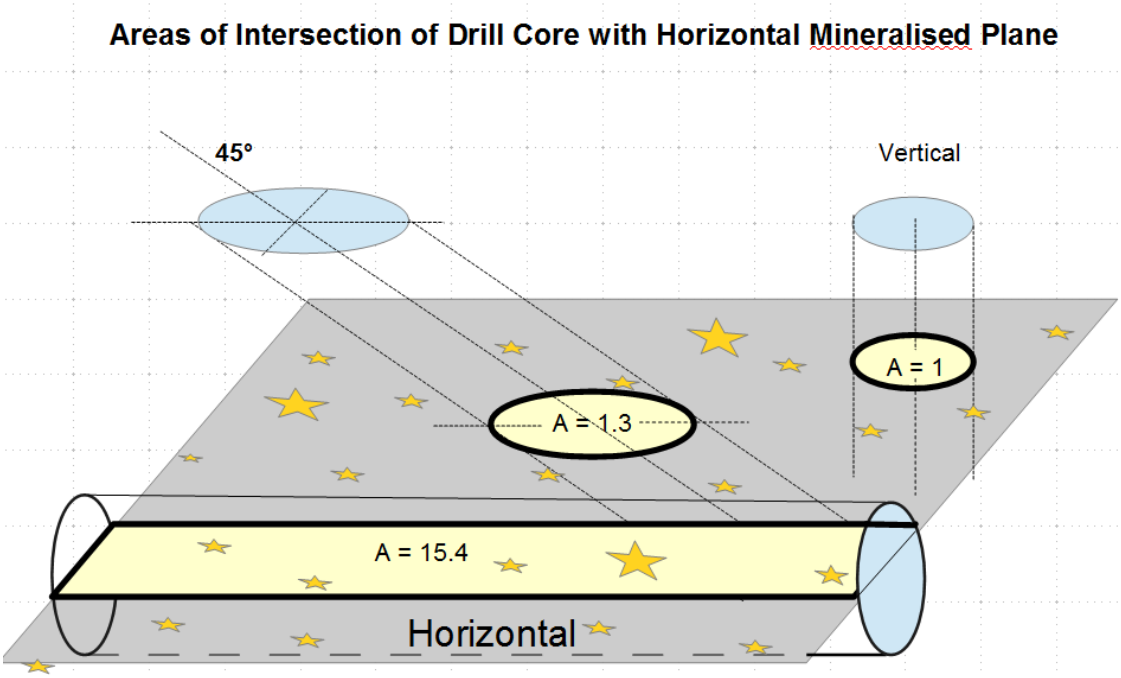
We trace the difference in results to the orientation of the samples. The BQTK cores cut the mineralised horizons at approximately 90°. There is a general organization of gold particles and clusters of particles parallel to the bedding, with apparently a spacing of significant events that is relatively unlikely to be included in the sample area (½BQTK = ~6.5cm).

The sawn channels are generally 3cm to 4cm wide and 50cm long. The area of any ~horizontal mineralised plane included in such a sample is 150cm to 200cm . While there are no measurements to support the actual number of events included in a sawn channel, assay results suggest the area of the mineralised plane in these samples may include several significant events. If each of the mineralised bedding planes within the channel has an expected average of five or more significant events, the probability of a sampled layer not including any significant events is low (<0.0067 or <0.67%).

As an example, if we assume 5 randomly distributed significant events in mineralised layers within the 200cm channel, the expected average number of events in a ½BQTK core passing through that mineralised plane will be 0.1625. The probability of zero events in ½BQTK core is about 0.85, or ~85% of ½BQTK intersections of that mineralised plane will be barren. ~14 intersections in 100 will include one event. One intersection in 100 may contain 2 events.

If the expected frequency of significant events within the samples is less than 5 - which is the minimum for continuity of values providing sample preparation is appropriate – the probability of 'seeing' such events in ½BQKT cores decreases progressively as a function of the frequency of events per mineralised plane and the frequency of mineralised planes within the core section taken as sample.

Since we observe multiple bedding planes that may be mineralised, a single BQTK drill hole will have multiple chances of including a significant event. If all planes have the same expected average number of events – unlikely – but accepted for the sake of illustration, the probability of failure or success for each intersection will be the same.



If the core intersects, say, 10 similar mineralised planes, the probability of success or failure for that core will be: ~20% of cores intersecting these 10 mineralised planes can be expected to have no events, 32% can be expected to include one event, and 26% can be expected to include two events, 14% will have three events, four events in one of 20 cores (~5%), and five events are expected in just under 2% of cores. This suggests less than 2% of ½BQTK cores drilled at 90° to the mineralised planes will include the desired five significant events. Those that do are quite likely to strongly over-state the true gold concentration since the core weight is about 30% of the comparable sawn channel.

If the core sample interests five of these hypothetical mineralised planes, slightly more than 50% will include one or more significant events. Three mineralised planes in a core sample gives ~40% chance of one event. Since the distribution of significant events is likely to be more chaotic than perfectly random, these are best case examples. Actual experience likely will be biased toward more serious under-reporting.

The preceding discussion assumes individual random segregations distributed on a plane. However, the geometry of the gold events is not established. They may be clusters of gold grains in natural riffles – as assumed above, or continuous thin layers on bedding planes, or some combination of both.

The frequency of mineralised planes parallel to bedding in the Eastern Reef exposures is unknown. Consecutive sawn channels 7 to 10 cm deep often suggest notable continuity, probably due to overlapping of more or less similar mineralised planes. Results from panel sampling of the Eastern Reef conglomerates suggest clustering is the predominant condition.

The bias of the channel samples as a grade estimator has not been established. This will require relatively large samples from each sedimentary unit to provide a basis for that determination. Each sample must be confined within the unit being tested and not include material from above the hanging wall or below the footwall of the bed. The area of the individual samples will probably need to be in the order of one square metre and the thickness of the bed, in order to overcome the problem of internal waste. One metre thick beds would supply ~2.7 tonne samples.

Definition of mineralisation relies on assay results. Assay results depend on inclusion of significant events (those events – gold grains or clusters of gold grains - responsible for the greater part of contained gold) with or without the contribution of less important events. Frequently, minor events contribute a 'background' concentration in mineralised zones that is often not economically important, but can be indicative of the limits of the mineralised units. Significant events are usually superimposed on a background concentration and, in cluster-dominated mineralisation, may be difficult to isolate since the assay gives an estimator of the 'average' gold concentration in the sample processed. It is usually not practical to separate such events, although it is possible to create an approximation of event size by collecting and assaying multiple small samples from the mineralisation. If the mineralisation is grain-dominated and the individual events are ~0.25mg and larger, grain size distributions can be generated by physical recovery of the grains and weighing them. This is relatively simple, but somewhat tedious and time consuming, and as demonstrated by this study, not applicable to either the 007 or Eastern Reef showings.

The extent of under-reporting gold values in grain and cluster-dominated mineralisation increases with decreased expected event frequency in the field sample. Increasing the field sample size is the obvious solution to maintain the minimum frequency of events at or above five. However, logistic and handling requirements will become more onerous, and often demand specialised equipment and treatment not readily available.

Accepting an alluvial model for the gold in the part of the drainage studied, grade correlates with energy applied and to maturity of the individual sedimentary units. Well-sorted units can be expected to host more and larger gold events than units that are less washed. Both the frequency and size of events in less mature units fall accordingly and the lower grade units demand larger field samples. If the sample size is fixed as in the case of BQTK cores, fitness for purpose diminishes exponentially. This would seem to be the case in the Eastern Reef showing. [But, as a general caveat, grade, which depends on the frequency <u>and</u> size of gold events may not be the dominant cause of sampling difficulties. Some relatively high-grade deposits characterised by large gold events (clusters of grains, or large grains/nuggets) have notable sampling problems.]

Certificate

I, James E. Tilsley, of the town of Aurora, Province of Ontario, hereby certify:

1. I am a Consulting Geologist and reside at 5 Steeplechase Avenue, Aurora, Ontario.

2. I am a graduate of Acadia University in Geology, 1959.

3. I am a member of the Association of Professional Engineers of the Province of Ontario, registration number 46498010, January 29th, 1970, and designated Consulting Engineer, Certificate No. 1045, April 26, 1974.

4. I have been employed as a geologist continuously since graduation, with consulting groups since 1964, and in private practice since 1980.

5. This report is based on data collected jointly with Dany Boilard inc. Exploration, during July, August, and September of 2014, along with information provided by Mount Logan Resources Ltd. and affiliated companies. I was personally present during the drilling program described herein, and for much of the processing and other work related thereto.

6. I have no interest, direct or indirect, in the properties or securities of Mount Logan Resources Ltd., or any affiliates, nor do I expect to receive any such interest.

7. I hereby agree to the use of this report and/or excerpts properly credited and in context for the information of shareholders, submissions to stock exchanges, securities commissions, regulators, et cetera, and for filing of work with the appropriate authorities.

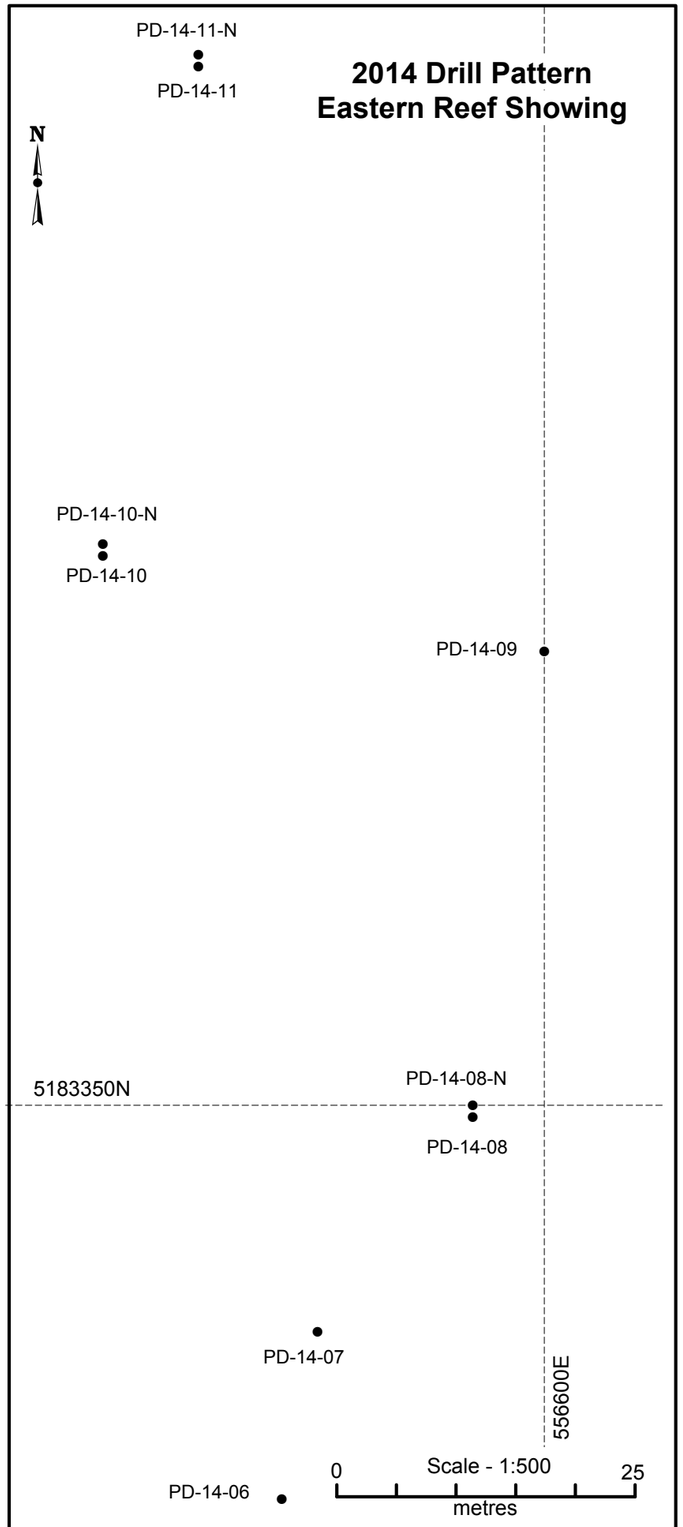
Dated at Aurora, Ontario, this 15th day of October, 2014.

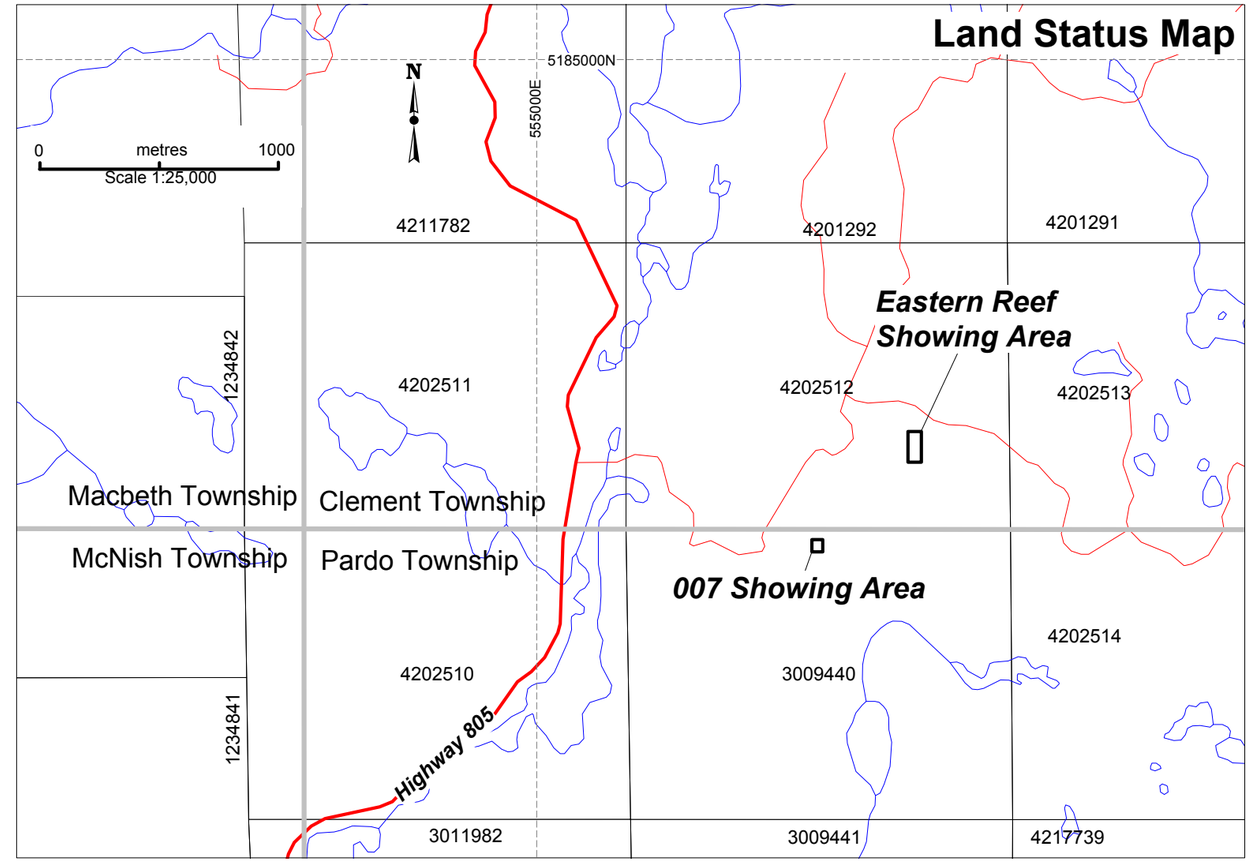
_____

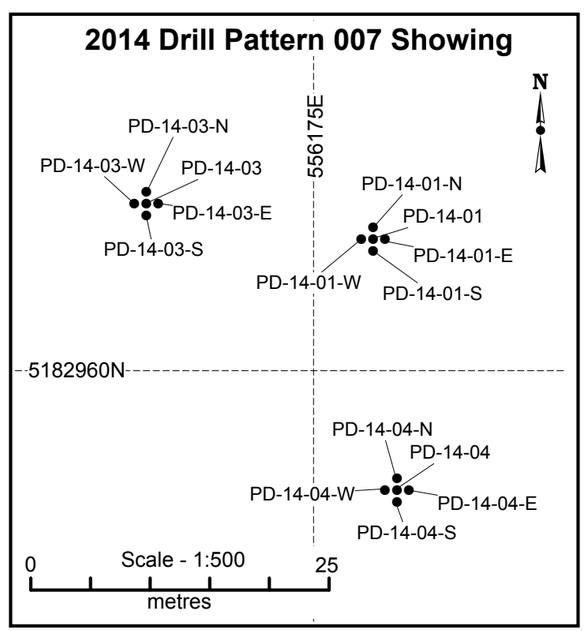
J. E. Tilsley, P.Eng.

APPENDIX I

Land Status and Drill Locations







Coordinates are U.T.M. NAD83 Zone 17

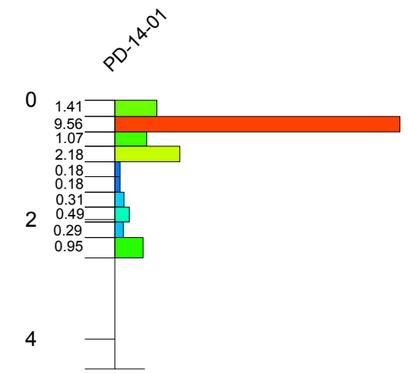
Mount Logan Resources Ltd.

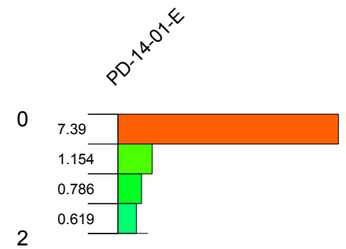
Pardo Project

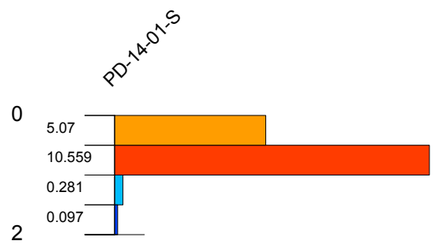
Pardo and Clement Townships, Ontario, Canada

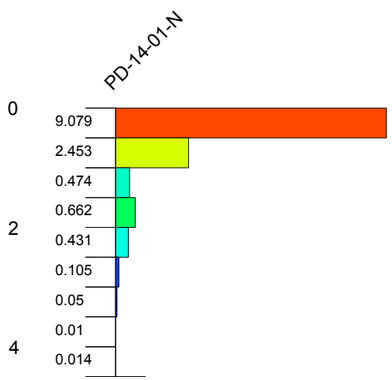
Land Status and 2014 Drill Patterns for 007 and Eastern Reef Showing Areas

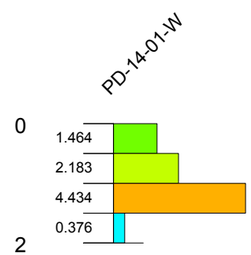
James E. Tilsley & Associates Ltd. and Dany Boilard Inc Exploration September 2014

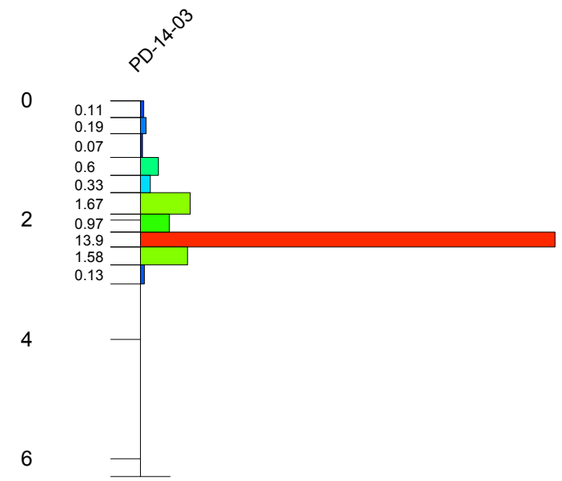


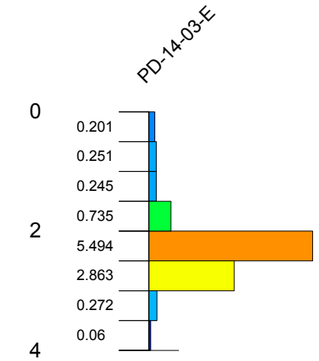


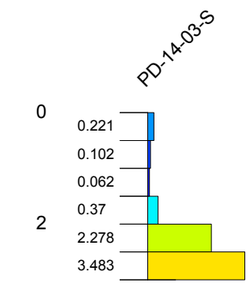


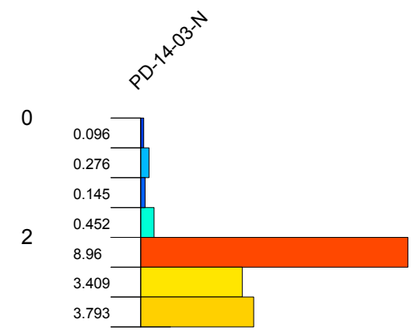


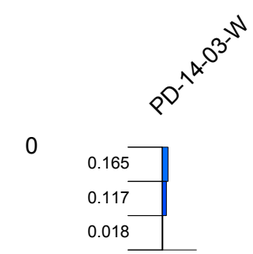


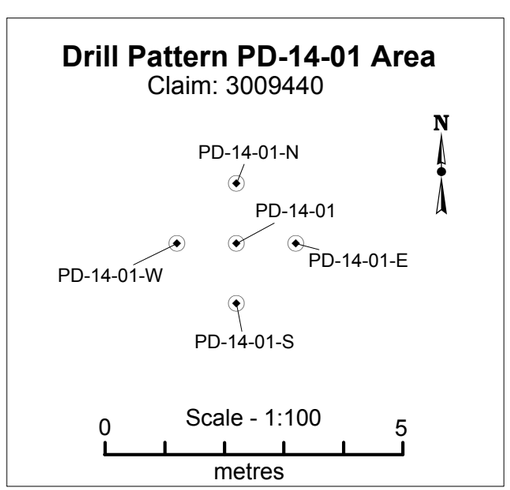




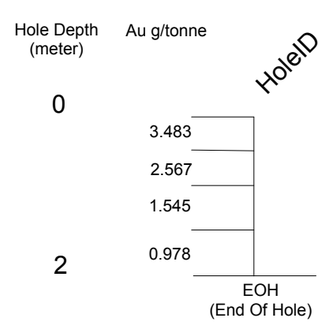




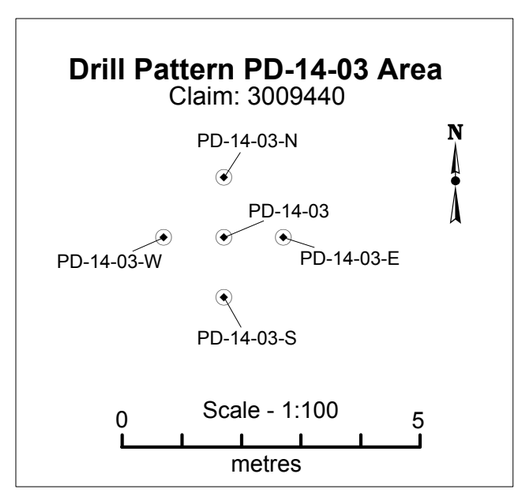




Legend for Sections



Vertical Scale for Sections - 1 : 100

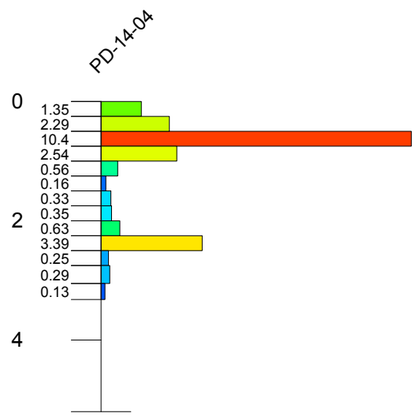


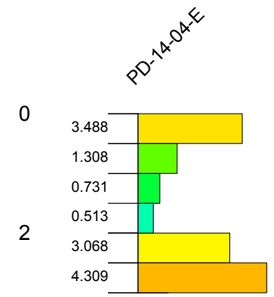
Mount Logan Resources Ltd.
Pardo Project
Pardo and Clement Townships, Ontario, Canada

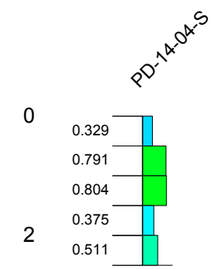
Sampling Studies
Gold Assays
Diamond Drill vs Hammer Drill

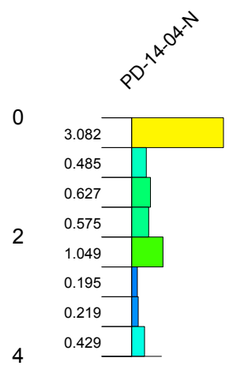
007 Showing
PD-14-01 and PD-14-03 Areas

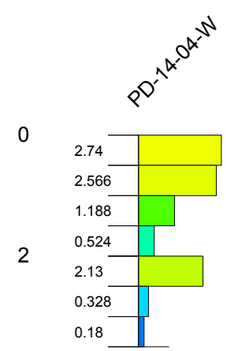
James E. Tilsley & Associates Ltd. and Dany Boilard Inc Exploration September 2014



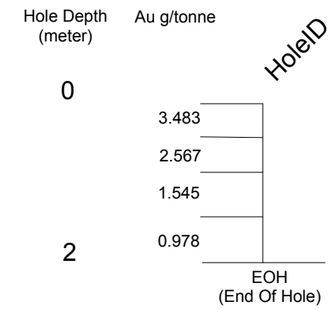




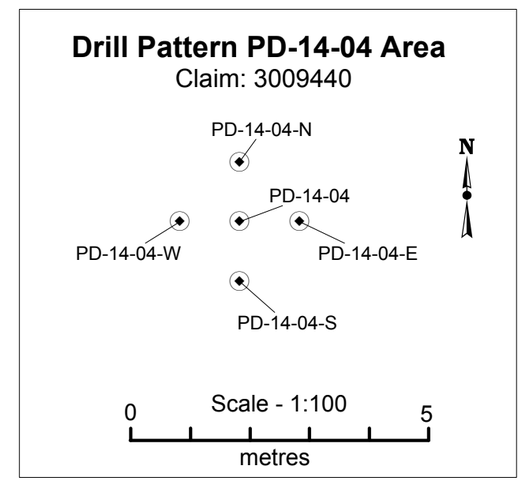




Legend for Sections



Vertical Scale for Sections - 1 : 100

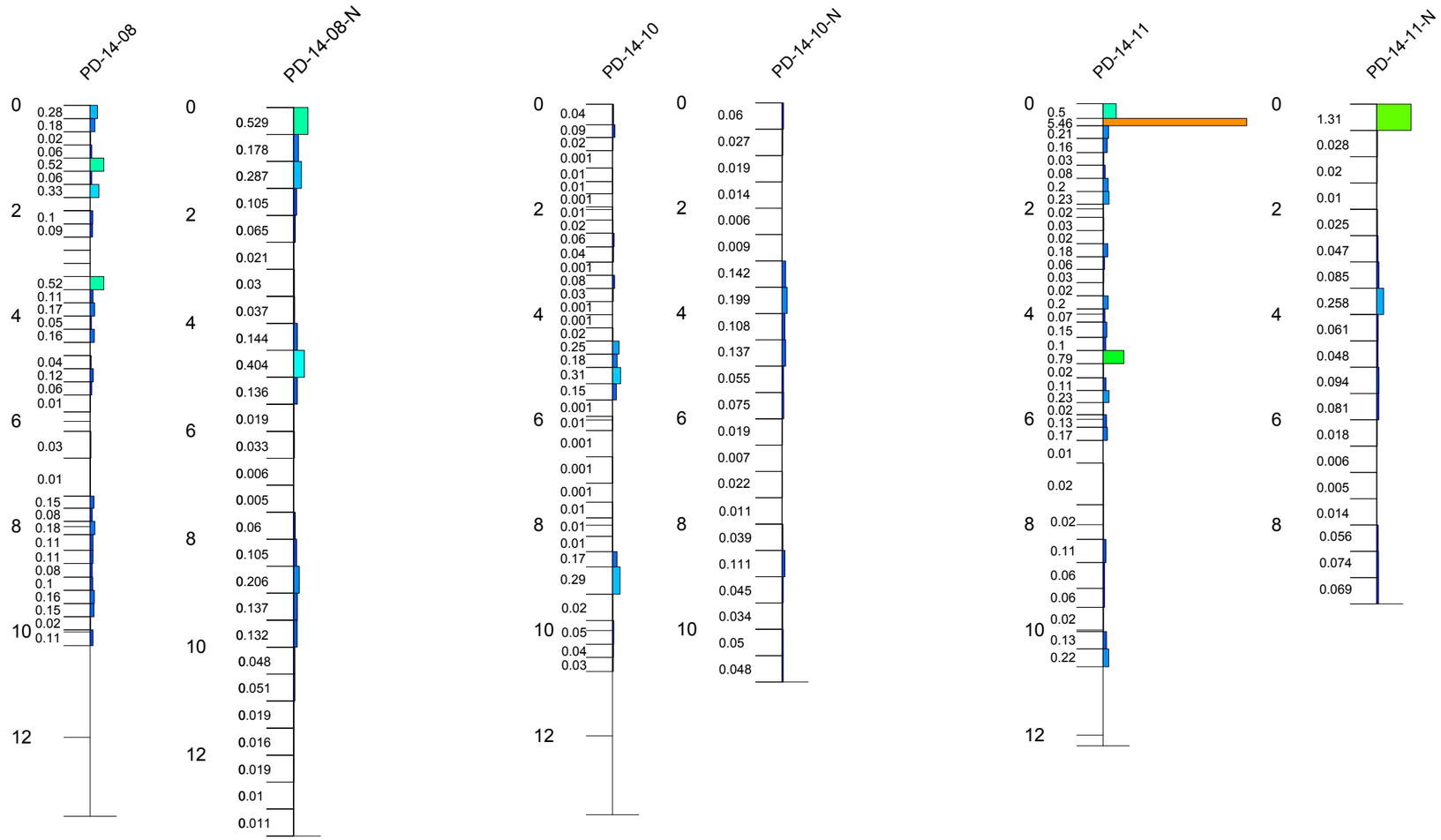


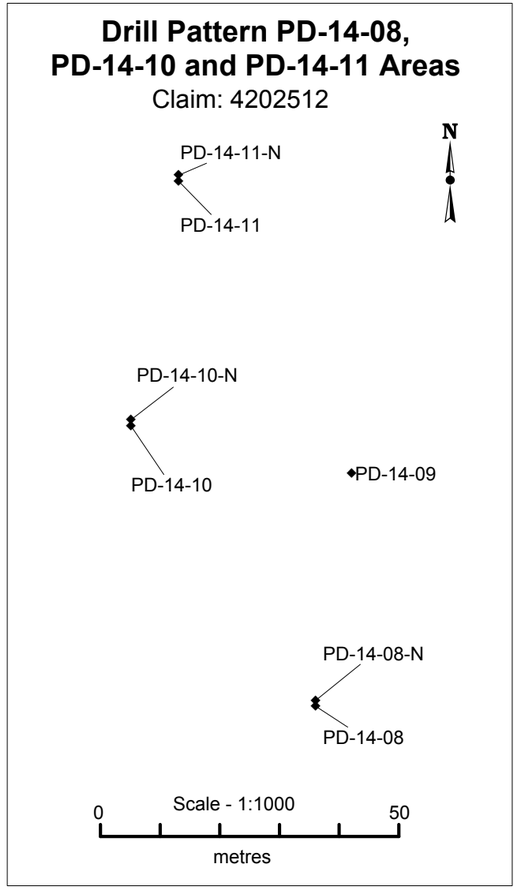
Mount Logan Resources Ltd.
Pardo Project
Pardo and Clement Townships, Ontario, Canada

Sampling Studies
Gold Assays
Diamond Drill vs Hammer Drill

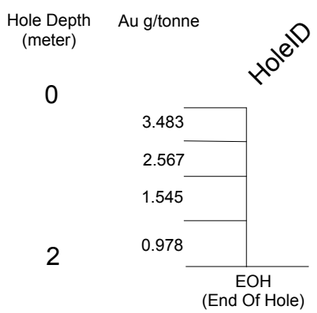
007 Showing
PD-14-04 Area

James E. Tilsley & Associates Ltd. and Dany Boilard Inc Exploration September 2014





Legend for Sections



Vertical Scale for Sections - 1 : 100

Mount Logan Resources Ltd.
Pardo Project
Pardo and Clement Townships, Ontario, Canada

Sampling Studies
Gold Assays
Diamond Drill vs Hammer Drill

Eastern Reef

PD-14-08, 10 and 11 Areas

James E. Tilsley & Associates Ltd. and Dany Boilard Inc Exploration September 2014

APPENDIX II

Hammer Drill - Front Collector Samples

Hammer Drill – Rear Collector Samples

Mount Logan Resources Ltd. Pardo Project - Hammer Drill Sampling, 2014 Hammer Drilling - Front Collector (Sheet 1A)

007 Showing PD-14-01, 03, 04: Eastern Reef - PD-14-08, 10, 11:

ID	N°	Hammer Drill Hole	Interval ID	From (m)	Drilling Weight	Sample #	Seal Number Front Collector	Weight before treatment (kg)	Weight of +20 mesh (kg)	Weight of 20 mesh	Sample # Raw Split A	Sample Wt Raw Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # Raw Split B	Sample Wt -Raw Split B (kg)	FA-AA g/tonne
1	1	PD-14-01-N	1	0	19.40	PD-14-01-N-1	7562102	19.40	0.188	18.8									
2	2	PD-14-01-N	2	0.5	21.80	PD-14-01-N-2	7562104	21.80	0.267	20.8									
3	3	PD-14-01-N	3	1	21.40	PD-14-01-N-3	7562106	21.40	0.339	19.8									
4	4	PD-14-01-N	4	1.5	22.40	PD-14-01-N-4	7562102	22.40	0.489	20.4									
5	5	PD-14-01-N	5	2	20.20	PD-14-01-N-5	7562110	20.20	0.444	18.0									
6	6	PD-14-01-N	6	2.5	19.80	PD-14-01-N-6	7562112	19.80	0.636	17.8									
7	7	PD-14-01-N	7	3	22.60	PD-14-01-N-7	7562114	22.60	0.431	20.4									
8	8	PD-14-01-N	8	3.5	20.00	PD-14-01-N-8	7562116	20.00	0.238	18.2									
9	9	PD-14-01-N	9	4	22.40	PD-14-01-N-9	7562118	22.40	0.258	20.0									
10	10	PD-14-01-S	1	0	19.20	PD-14-01-S-1	7562128	19.20		8.8	A024967	2.366	5.28	5.29	5.63	4.89	A024968	2.433	4.53
11	11	PD-14-01-S	2	0.5	21.20	PD-14-01-S-2	7562130	21.20		10.0	A024971	2.678	11.6	11.1	9.46	9.42	A024972	2.679	11.7
12	12	PD-14-01-S	3	1	20.20	PD-14-01-S-3	7562132	20.20		9.4	A024975	2.575	0.589	0.479	0	0	A024976	2.581	0.665
13	13	PD-14-01-S	4	1.5	20.80	PD-14-01-S-4	7562134	20.80		9.6	A024979	2.659	0.208	0.215	0	0	A024980	2.618	0.176
14	14	PD-14-01-W	1	0	21.11	PD-14-01-W-1	7562120	21.11			W1236551	1.06	0.966	1.27	0	0	W1236552	1.03	1.8
15	15	PD-14-01-W	2	0.5	22.20	PD-14-01-W-2	7562122	22.20			W1236553	1.105	2.02	2.26	0	0	W1236554	1.16	2.13
16	16	PD-14-01-W	3	1	22.27	PD-14-01-W-3	7562124	22.27			W1236555	1.11	4.46	5.22	4.83	4.7	W1236556	1.22	3.79
17	17	PD-14-01-W	4	1.5	22.30	PD-14-01-W-4	7562126	22.30			W1236557	1.15	0.517	0.304	0	0	W1236558	1.17	0.325
18	18	PD-14-01-E	1	0	19.46	PD-14-01-E-1	7562138	19.46			A024991	1.445	6.28	7.73	6.25	6.81	A024992	1.475	7.88
19	19	PD-14-01-E	2	0.5	22.02	PD-14-01-E-2	7562136	22.02			A024993	1.74	1.17	0.854	0	0	A024994	1.5	1.05
20	20	PD-14-01-E	3	1	22.23	PD-14-01-E-3	7562140	22.23			A024995	0.92	0.258	0.348	0	0	A024996	0.815	2.25
21	21	PD-14-01-E	4	1.5	16.01	PD-14-01-E-4	7562142	16.01			A024997	1.22	0.675	0.547	0	0	A024998	1.07	0.797
22	22	PD-14-03-N	1	0	17.45	PD-14-03-N-1	7562144	17.45			A085843	1.37	0.127	0.089	0	0	A085844	1.195	0.096
23	23	PD-14-03-N	2	0.5	19.73	PD-14-03-N-2	7562146	19.73			A085845	0.825	0.406	0.16	0	0	A085846	0.73	0.188
24	24	PD-14-03-N	3	1	19.79	PD-14-03-N-3	7562148	19.79			A085847	0.84	0.135	0.094	0	0	A085848	0.7	0.207
25	25	PD-14-03-N	4	1.5	20.61	PD-14-03-N-4	7562150	20.61			A085849	0.835	0.325	0.555	0	0	A085850	1.395	0.642
26	26	PD-14-03-N	5	2	17.21	PD-14-03-N-5	7562152	17.21			A085851	1.31	9.32	10.3	9.97	9.57	A085852	1.155	9.43
27	27	PD-14-03-N	6	2.5	19.15	PD-14-03-N-6	7562154	19.15			A085853	1.54	4.01	3.7	2.96	3.09	A085854	1.295	3.48
28	28	PD-14-03-N	7	3	2.07	PD-14-03-N-7	7562156	2.07			A085855	1.035	6.13	3.74	4.4	9.59	A085856	0.915	2.84
		Note: Pre-numbered samples - not all collected due to drilling conditions																	
34	34	PD-14-03-S	1	0	21.64	PD-14-03-S-1	7562180	21.64			W1236589	1.13	0.238	0.134	0	0	W1236590	1.165	0.161
35	35	PD-14-03-S	2	0.5	18.64	PD-14-03-S-2	7562182	18.64			W1236591	0.975	0.084	0.117	0	0	W1236592	1.05	0.098
36	36	PD-14-03-S	3	1	18.53	PD-14-03-S-3	7562184	18.53			W1236593	0.99	0.059	0.078	0	0	W1236594	1.04	0.054
37	37	PD-14-03-S	4	1.5	18.41	PD-14-03-S-4	7562186	18.41			W1236595	0.88	0.384	0.412	0	0	W1236596	0.95	0.367
38	38	PD-14-03-S	5	2	14.36	PD-14-03-S-5	7562188	14.36			W1236597	1.565	2.62	1.83	0	0	W1236598	0.785	2.56
39	39	PD-14-03-S	6	2.5	5.93	PD-14-03-S-6	7562190	5.93			W1236599	0.66	4.34	4.54	3.69	3.29	W1236600	0.705	2.18
		Note: Pre-numbered samples - not all collected due to drilling conditions																	
42	42	PD-14-03-W	1	0	17.05	PD-14-03-W-1	7562158	17.05			W1236583	0.86	0.102	0.086	0	0	W1236584	0.96	0.15
43	43	PD-14-03-W	2	0.5	21.84	PD-14-03-W-2	7562160	21.84			W1236585	1.11	0.155	0.096	0	0	W1236586	1.195	0.15
44	44	PD-14-03-W	3	1	9.49	PD-14-03-W-3	7562162	9.49			W1236587	1.02	0.019	0.016	0	0	W1236588	1.115	0.021
50	50	PD-14-03-E	1	0	14.72	PD-14-03-E-1	7562164	14.72			A085827	1.18	0.26	0.159	0	0	A085828	0.93	0.207

Mount Logan Resources Ltd. Pardo Project - Hammer Drill Sampling, 2014 Hammer Drilling - Front Collector (Sheet 1B)

007 Showing PD-14-01, 03, 04: Eastern Reef - PD-14-08, 10, 11:

ID	N°	Hammer Drill Hole	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Raw final weight (kg)	Sample # -20 Split A	Sample Wt -20 Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	-20 final weight (kg)	Final closing seal number
1	1	PD-14-01-N					1236903	2.299	9.28	9.6	6.91	7.91	1236904	2.448	9.76	9.21	10.20	9.76	14.2	7828901
2	2	PD-14-01-N					1236921	2.566	2.47	2.54	0	0	1236922	2.547	2.39	2.41	0.00	0	14.8	7828910
3	3	PD-14-01-N					1236923	2.571	0.323	0.644	0	0	1236924	2.424	0.372	0.557	0.00	0	14.8	7828911
4	4	PD-14-01-N					1236925	2.488	0.73	0.925	0	0	1236926	2.551	0.484	0.508	0.00	0	15.4	7828912
5	5	PD-14-01-N					1236927	2.292	0.494	0.391	0	0	1236928	2.256	0.39	0.449	0.00	0	13.6	7828913
6	6	PD-14-01-N					1236929	2.244	0.039	0.105	0	0	1236930	2.276	0.167	0.11	0.00	0	13.4	7828914
7	7	PD-14-01-N					1236931	2.551	0.01	0.111	0	0	1236932	2.59	0.032	0.046	0.00	0	15.2	7828915
8	8	PD-14-01-N					1236933	2.276	0.009	0.011	0	0	1236934	2.327	0.008	0.013	0.00	0	13.6	7828916
9	9	PD-14-01-N					1236935	2.536	0.009	0.014	0	0	1236936	2.558	0.021	0.012	0.00	0	15.2	7828917
10	10	PD-14-01-S	5.45	4.82	4.67	4.8	A024969	2.286	5.65	4.74	4.69	4.52	A024970	2.303	4.88	5.02	4.67	4.97	4.4	7828949
11	11	PD-14-01-S	11.5	9.29	10.4	5.2	A024973	2.494	11.4	11.5	10.4	9.78	A024974	2.501	11.9	9.87	9.90	8.84	5	7828950
12	12	PD-14-01-S	0.511	0	0	5	A024977	2.306	0.767	0.601	0	0	A024978	2.473	0.647	0.55	0.00	0	4.2	7828951
13	13	PD-14-01-S	0.174	0	0	5.2	A024981	1.261	0.31	0.197	0	0	A024982	1.286	0.247	0.328	0.00	0	6.6	7828952
14	14	PD-14-01-W	1.82	0	0	18.78														7828957
15	15	PD-14-01-W	2.32	0	0	19.885														7828959
16	16	PD-14-01-W	4.03	3.86	4.58	20.035														7828961
17	17	PD-14-01-W	0.357	0	0	20.065														7828963
18	18	PD-14-01-E	7.87	7.6	8.7	16.39														7828958
19	19	PD-14-01-E	1.54	0	0	18.65														7828960
20	20	PD-14-01-E	0.288	0	0	20.355														7828962
21	21	PD-14-01-E	0.458	0	0	13.585														7828964
22	22	PD-14-03-N	0.071	0	0	14.745														7828049
23	23	PD-14-03-N	0.351	0	0	18.02														7828050
24	24	PD-14-03-N	0.145	0	0	18.08														7828051
25	25	PD-14-03-N	0.285	0	0	18.2														7828052
26	26	PD-14-03-N	8.45	6.88	7.76	14.585														7828053
27	27	PD-14-03-N	3.18	3.7	3.15	16.145														7828054
28	28	PD-14-03-N	2.46	0	0															
		Note: Pre-numbered samples - not all collected due to drilling conditions																		
34	34	PD-14-03-S	0.35	0	0	19.23														7828038
35	35	PD-14-03-S	0.108	0	0	16.685														7828987
36	36	PD-14-03-S	0.055	0	0	16.355														7828975
37	37	PD-14-03-S	0.317	0	0	16.44														7828037
38	38	PD-14-03-S	2.1	0	0	11.875														7828036
39	39	PD-14-03-S	2.86	0	0	4.51														7828035
		Note: Pre-numbered samples - not all collected due to drilling conditions																		
42	42	PD-14-03-W	0.321	0	0	15.085														7828974
43	43	PD-14-03-W	0.068	0	0	19.375														7828040
44	44	PD-14-03-W	0.015	0	0	7.22														7828039
50	50	PD-14-03-E	0.178	0	0	12.46														7828041

007 Showing PD-14-01, 03, 04: Eastern Reef - PD-14-08, 10, 11:

ID	N°	Hammer Drill Hole	Interval ID	From (m)	Drilling Weight	Sample #	Seal Number Front Collector	Weight before treatment (kg)	Weight of +20 mesh (kg)	Weight of 20 mesh	Sample # Raw Split A	Sample Wt Raw Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # Raw Split B	Sample Wt -Raw Split B (kg)	FA-AA g/tonne
51	51	PD-14-03-E	2	0.5	21.75	PD-14-03-E-2	7562166	21.75			A085829	0.93	0.249	0.225	0	0	A085830	1.405	0.366
52	52	PD-14-03-E	3	1	22.06	PD-14-03-E-3	7562168	22.06			A085831	0.935	0.154	0.178	0	0	A085832	1.445	0.494
53	53	PD-14-03-E	4	1.5	22.11	PD-14-03-E-4	7562170	22.11			A085833	0.925	0.792	0.554	0	0	A085834	0.605	0.702
54	54	PD-14-03-E	5	2	21.57	PD-14-03-E-5	7562172	21.57			A085835	0.945	4.66	5.31	7.12	4.37	A085836	1.385	5.77
55	55	PD-14-03-E	6	2.5	20.99	PD-14-03-E-6	7562174	20.99			A085837	0.925	2.61	3.62	0	2.99	A085838	0.735	2.36
56	56	PD-14-03-E	7	3	17.00	PD-14-03-E-7	7562176	17.00			A085839	1.315	0.313	0.276	0	0	A085840	1.14	0.217
57	57	PD-14-03-E	8	3.5	13.86	PD-14-03-E-8	7562178	13.86			A085841	1.125	0.025	0.062	0	0	A085842	0.94	0.115
58	58	PD-14-04-N	1	0	20.59	PD-14-04-N-1	7562192	20.59			A085811	0.895	3.07	2.97	3.12	0	A085812	0.74	2.85
59	59	PD-14-04-N	2	0.5	22.15	PD-14-04-N-2	7562194	22.15			A085813	0.94	0.354	0.296	0	0	A085814	0.81	0.704
60	60	PD-14-04-N	3	1	22.14	PD-14-04-N-3	7562196	22.14			A085815	0.94	0.585	0.517	0	0	A085816	0.78	0.72
61	61	PD-14-04-N	4	1.5	21.29	PD-14-04-N-4	7569198	21.29			A085817	0.895	0.601	0.633	0	0	A085818	0.755	0.548
62	62	PD-14-04-N	5	2	6.83	PD-14-04-N-5	7561802	6.83			A085819	0.94	1.19	0.966	0	0	A085820	0.86	0.991
63	63	PD-14-04-N	6	2.5	8.64	PD-14-04-N-6	7561804	8.64			A085821	1.275	0.188	0.163	0	0	A085822	1.105	0.231
64	64	PD-14-04-N	7	3	18.09	PD-14-04-N-7	7561806	18.09			A085823	0.8	0.256	0.293	0	0	A085824	0.625	0.171
65	65	PD-14-04-N	8	3.5	0.48	PD-14-04-N-8	7561808	0.48			A085825	0.205	0.476	0.44	0	0	A085826	0.175	0.392
69	69	PD-14-04-S	1	0	17.29	PD-14-04-S-1	7561824	17.29			W1236573	0.875	0.344	0.243	0	0	W1236574	0.73	0.252
70	70	PD-14-04-S	2	0.5	29.87	PD-14-04-S-2	7561826	29.87			W1236575	1.54	0.962	0.748	0	0	W1236576	0.86	0.74
71	71	PD-14-04-S	3	1	15.09	PD-14-04-S-3	7561828	15.09			W1236577	1.56	0.976	0.724	0	0	W1236578	1.71	0.805
72	72	PD-14-04-S	4	1.5	18.99	PD-14-04-S-4	7561830	18.99			W1236579	0.975	0.44	0.391	0	0	W1236580	1.045	0.31
73	73	PD-14-04-S	5	2	0.70	PD-14-04-S-5	7561832	0.70			W1236581	0.265	0.546	0.748	0	0	W1236582	0.33	0.365
		Note: Pre-numbered samples - not all collected due to drilling conditions																	
76	76	PD-14-04-W	1	0	17.90	PD-14-04-W-1	7561810	17.90			W1236559	0.925	3.93	2.52	2.62	0	W1236560	0.915	2.34
77	77	PD-14-04-W	2	0.5	26.17	PD-14-04-W-2	7561812	26.17			W1236561	1.325	3.2	2.56	2.82	0	W1236562	1.425	2.67
78	78	PD-14-04-W	3	1	22.76	PD-14-04-W-3	7561814	22.76			W1236563	1.18	0.891	1.19	0	0	W1236564	1.2	1.43
79	79	PD-14-04-W	4	1.5	22.82	PD-14-04-W-4	7561816	22.82			W1236565	1.065	0.449	0.473	0	0	W1236566	1.22	0.722
80	80	PD-14-04-W	5	2	21.51	PD-14-04-W-5	7561818	21.51			W1236567	1.055	1.13	1.73	0	0	W1236568	1.17	2.79
81	81	PD-14-04-W	6	2.5	5.40	PD-14-04-W-6	7561820	5.40			W1236569	1.16	0.3	0.273	0	0	W1236570	1.325	0.309
82	82	PD-14-04-W	7	3	13.04	PD-14-04-W-7	7561822	13.04			W1236571	1.35	0.154	0.323	0	0	W1236572	1.485	0.152
83	83	PD-14-04-E	1	0	14.17	PD-14-04-E-1	7561834	14.17			A024999	1.095	3.36	3.26	3.42	2.92	A025000	0.975	3.62
84	84	PD-14-04-E	2	0.5	24.69	PD-14-04-E-2	7561836	24.69			A085801	0.995	1.5	1.61	0	0	A085802	0.85	1.14
85	85	PD-14-04-E	3	1	22.23	PD-14-04-E-3	7561838	22.23			A085803	0.885	0.625	1.36	0	0	A085804	0.825	0.488
86	86	PD-14-04-E	4	1.5	22.07	PD-14-04-E-4	7561840	22.07			A085805	0.87	0.473	0.472	0	0	A085806	0.805	0.518
87	87	PD-14-04-E	5	2	22.46	PD-14-04-E-5	7561842	22.46			A085807	0.955	3.79	2.55	3.15	0	A085808	0.75	3.49
88	88	PD-14-04-E	6	2.5	8.04	PD-14-04-E-6	7561844	8.04			A085809	1.09	5.05	3.55	3.39	4.66	A085810	1.015	4.98
		Note: Pre-numbered samples - not all collected due to drilling conditions																	
90	90	PD-14-08-N	1	0	22.50	PD-14-08-N-1	7561846	22.50	0.402	21.6									
91	91	PD-14-08-N	2	0.5	23.50	PD-14-08-N-2	7561848	23.50	0.334	22.4									
92	92	PD-14-08-N	3	1	16.10	PD-14-08-N-3		16.10	0.179	15.2									
93	93	PD-14-08-N	4	1.5	22.50	PD-14-08-N-4	7561852	22.50	0.395	21.4									

ID	N°	Hammer Drill Hole	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Raw final weight (kg)	Sample # -20 Split A	Sample Wt -20 Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	-20 final weight (kg)	Final closing seal number
51	51	PD-14-03-E	0.162	0	0	19.245														7828242
52	52	PD-14-03-E	0.153	0	0	19.505														7828243
53	53	PD-14-03-E	0.892	0	0	19.955														7828244
54	54	PD-14-03-E	4.51	5.65	6.56	19.09														7828245
55	55	PD-14-03-E	2.86	0	0	19.59														7828246
56	56	PD-14-03-E	0.281	0	0	14.41														7828247
57	57	PD-14-03-E	0.039	0	0	11.65														7828248
58	58	PD-14-04-N	3.25	0	3.23	18.8														7828994
59	59	PD-14-04-N	0.588	0	0	20.23														7828995
60	60	PD-14-04-N	0.687	0	0	20.245														7828996
61	61	PD-14-04-N	0.519	0	0	19.465														7828997
62	62	PD-14-04-N	1.05	0	0	4.905														7828998
63	63	PD-14-04-N	0.197	0	0	6.125														7828999
64	64	PD-14-04-N	0.155	0	0	16.53														7829000
65	65	PD-14-04-N	0.409	0	0	0														7828983
69	69	PD-14-04-S	0.476	0	0	15.56														7828984
70	70	PD-14-04-S	0.712	0	0	27.27														7828985
71	71	PD-14-04-S	0.712	0	0	11.69														7828986
72	72	PD-14-04-S	0.358	0	0	16.83														7828987
73	73	PD-14-04-S	0.386	0	0	0														
		Note: Pre-numbered samples - not all collected due to drilling conditions																		
76	76	PD-14-04-W	2.29	0	0	15.905														7828965
77	77	PD-14-04-W	1.58	0	0	23.305														7828967
78	78	PD-14-04-W	1.24	0	0	20.19														7828971
79	79	PD-14-04-W	0.453	0	0	20.355														7828972
80	80	PD-14-04-W	2.87	0	0	19.07														7828973
81	81	PD-14-04-W	0.428	0	0	2.79														7828981
82	82	PD-14-04-W	0.09	0	0	10.06														7828982
83	83	PD-14-04-E	3.53	3.66	4.13	11.94														7828966
84	84	PD-14-04-E	0.982	0	0	22.52														7828968
85	85	PD-14-04-E	0.451	0	0	20.325														7828970
86	86	PD-14-04-E	0.59	0	0	20.205														7828991
87	87	PD-14-04-E	2.38	3.05	0	20.565														7828992
88	88	PD-14-04-E	4.18	3.92	4.74	5.765														7828993
		Note: Pre-numbered samples - not all collected due to drilling conditions																		
90	90	PD-14-08-N					1236947	2.651	0.456	0.519	0	0	1236948	2.972	0.533	0.608	0.00	0	16	7828918
91	91	PD-14-08-N					1236949	1.413	0.228	0.211	0	0	1236950	1.472	0.139	0.133	0.00	0	19.4	7828919
92	92	PD-14-08-N					1236601	1.982	0.227	0.187	0	0	1236602	1.951	0.349	0.384	0.00	0	11.2	7828920
93	93	PD-14-08-N					1236603	2.789	0.158	0.108	0	0	1236604	2.771	0.074	0.081	0.00	0	16	7828921

ID	N°	Hammer Drill Hole	Interval ID	From (m)	Drilling Weight	Sample #	Seal Number Front Collector	Weight before treatment (kg)	Weight of +20 mesh (kg)	Weight of 20 mesh	Sample # Raw Split A	Sample Wt Raw Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # Raw Split B	Sample Wt -Raw Split B (kg)	FA-AA g/tonne
94	94	PD-14-08-N	5	2	19.60	PD-14-08-N-5	7561854	19.60	0.415	18.8									
95	95	PD-14-08-N	6	2.5	20.70	PD-14-08-N-6	7561856	20.70	0.33	19.6									
96	96	PD-14-08-N	7	3	22.00	PD-14-08-N-7	7561858	22.00	0.456	20.6									
97	97	PD-14-08-N	8	3.5	19.80	PD-14-08-N-8	7561860	19.80	0.257	17.6									
98	98	PD-14-08-N	9	4	19.80	PD-14-08-N-9	7561862	19.80	0.559	17.6									
99	99	PD-14-08-N	10	4.5	19.40	PD-14-08-N-10	7561864	19.40	0.45	18									
100	100	PD-14-08-N	11	5	19.60	PD-14-08-N-11	7561866	19.60	0.03	9.4	1236637	2.452	0.061	0.051	0	0	1236638	2.506	0.12
101	101	PD-14-08-N	12	5.5	18.00	PD-14-08-N-12	7561868	18.00	0.195	8.6	1236639	2.3	0.035	0.024	0	0	1236640	2.293	0.006
102	102	PD-14-08-N	13	6	19.00	PD-14-08-N-13	7561870	19.00	0.277	9	1236641	2.395	0.049	0.048	0	0	1236642	2.411	0.016
103	103	PD-14-08-N	14	6.5	21.80	PD-14-08-N-14	7561872	21.80	0.196	9.4	1236643	1.41	<.005	<.005	0	0	1236644	1.379	0.006
104	104	PD-14-08-N	15	7	3.40	PD-14-08-N-15	7561874	3.40	0.062	1.2	1236645	0.843	0.005	<.005	0	0	1236646	0.895	<.005
105	105	PD-14-08-N	16	7.5	20.60	PD-14-08-N-16	7561876	20.60	0.286	8.8	1236647	1.345	0.051	0.065	0	0	1236648	1.302	0.057
106	106	PD-14-08-N	17	8	16.80	PD-14-08-N-17	7561878	16.80	0.093	8.4	1236649	2.065	0.115	0.105	0	0	1236650	2.109	0.097
107	107	PD-14-08-N	18	8.5	19.80	PD-14-08-N-18	7561880	19.80	0.231	9.6	1236651	2.506	0.202	0.209	0	0	1236652	2.521	0.188
108	108	PD-14-08-N	19	9	17.80	PD-14-08-N-19	7561882	17.80	0.066	7.4	1236653	2.244	0.126	0.141	0	0	1236654	2.242	0.157
109	109	PD-14-08-N	20	9.5	18.00	PD-14-08-N-20	751884	18.00	0.18	7.8	1236655	2.27	0.127	0.125	0	0	1236656	2.289	0.14
110	110	PD-14-08-N	21	10	16.02	PD-14-08-N-21	7561886	16.02			W1236951	0.8	0.042	0.04	0	0	W1236952	0.855	0.048
111	111	PD-14-08-N	22	10.5	14.04	PD-14-08-N-22	7561888	14.04			W1236953	0.695	0.042	0.079	0	0	W1236954	0.755	0.035
112	112	PD-14-08-N	23	11	4.97	PD-14-08-N-23	7561890	4.97			W1236955	1.06	0.022	0.023	0	0	W1236956	1.205	0.017
113	113	PD-14-08-N	24	11.5	13.82	PD-14-08-N-24	7561892	13.82			W1236957	1.42	0.024	0.019	0	0	W1236958	1.555	0.006
114	114	PD-14-08-N	25	12	12.92	PD-14-08-N-25	7561894	12.92			W1236959	1.365	0.007	0.015	0	0	W1236960	1.5	0.034
115	115	PD-14-08-N	26	12.5	11.86	PD-14-08-N-26	7561896	11.86			W1236961	1.19	0.007	0.012	0	0	W1236962	1.375	0.01
116	116	PD-14-08-N	27	13	14.99	PD-14-08-N-27	7561898	14.99			W1236963	0.855	0.01	0.018	0	0	W1236964	0.95	0.008
		Note: Only North hole drilled at this location was sampled. Samples from other 3 holes archived																	
183	183	PD-14-10-N	1	0	13.72	PD-14-10-N-1	7562033	13.72			A085857	1.22	0.046	0.088	0	0	A085858	1.02	0.043
184	184	PD-14-10-N	2	0.5	16.15	PD-14-10-N-2	7562035	16.15			A085859	0.82	0.009	0.007	0	0	A085860	1.085	0.011
185	185	PD-14-10-N	3	1	19.63	PD-14-10-N-3	7562037	19.63			A085861	1.005	0.022	0.019	0	0	A085862	1.4	0.009
186	186	PD-14-10-N	4	1.5	13.95	PD-14-10-N-4	7562039	13.95			A085863	1.14	<0.005	0.008	0	0	A085864	0.985	<0.005
187	187	PD-14-10-N	5	2	17.97	PD-14-10-N-5	7562041	17.97			A085865	0.815	<0.005	<0.005	0	0	A085866	1.2	<0.005
188	188	PD-14-10-N	6	2.5	20.68	PD-14-10-N-6	7562043	20.68			A085867	1.015	0.005	<0.005	0	0	A085868	1.465	0.011
189	189	PD-14-10-N	7	3	13.52	PD-14-10-N-7	7562045	13.52			A085869	1.03	0.033	0.27	0	0	A085870	0.96	0.043
190	190	PD-14-10-N	8	3.5	18.18	PD-14-10-N-8	7562047	18.18			A085871	0.805	0.2	0.115	0	0	A085872	1.235	0.321
191	191	PD-14-10-N	9	4	15.30	PD-14-10-N-9	7562049	15.30			A085873	1.285	0.17	0.125	0	0	A085874	1.035	0.056
192	192	PD-14-10-N	10	4.5	16.93	PD-14-10-N-10	7562051	16.93			A085875	1.41	0.147	0.19	0	0	A085876	1.15	0.084
193	193	PD-14-10-N	11	5	15.79	PD-14-10-N-11	7562053	15.79			W1236965	1.575	0.071	0.023	0	0	W1236966	0.8	0.026
194	194	PD-14-10-N	12	5.5	15.58	PD-14-10-N-12	7562055	15.58			W1236967	1.55	0.042	0.124	0	0	W1236968	0.855	0.077
195	195	PD-14-10-N	13	6	16.40	PD-14-10-N-13	7562057	16.40			W1236969	0.8	0.01	0.039	0	0	W1236970	0.915	0.01
196	196	PD-14-10-N	14	6.5	17.99	PD-14-10-N-14	7562059	17.99			W1236971	0.925	<0.005	<0.005	0	0	W1236972	0.935	0.007
197	197	PD-14-10-N	15	7	12.15	PD-14-10-N-15	7562061	12.15			W1236973	1.24	0.005	0.062	0	0	W1236974	1.355	0.007
198	198	PD-14-10-N	16	7.5	17.05	PD-14-10-N-16	7562063	17.05			W1236975	0.88	0.013	0.01	0	0	W1236976	0.965	0.009
199	199	PD-14-10-N	17	8	16.24	PD-14-10-N-17	7562065	16.24			W1236977	0.8	0.037	0.044	0	0	W1236978	0.84	0.043
200	200	PD-14-10-N	18	8.5	19.29	PD-14-10-N-18	7562067	19.29			W1236979	0.995	0.106	0.102	0	0	W1236980	0.955	0.102
201	201	PD-14-10-N	19	9	19.95	PD-14-10-N-19	7562069	19.95			W1236981	1.005	0.057	0.043	0	0	W1236982	0.905	0.038
202	202	PD-14-10-N	20	9.5	14.47	PD-14-10-N-20	7562071	14.47			W1236983	0.72	0.026	0.052	0	0	W1236984	0.81	0.022
203	203	PD-14-10-N	21	10	15.84	PD-14-10-N-21	7562073	15.84			W1236985	0.79	0.035	0.055	0	0	W1236986	0.88	0.053

Mount Logan Resources Ltd. Pardo Project - Hammer Drill Sampling, 2014 Hammer Drilling - Front Collector (Sheet 3B)

007 Showing PD-14-01, 03, 04: Eastern Reef - PD-14-08, 10, 11:

ID	N°	Hammer Drill Hole	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Raw final weight (kg)	Sample # -20 Split A	Sample Wt -20 Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	-20 final weight (kg)	Final closing seal number
94	94	PD-14-08-N					1236605	2.465	0.125	0.055	0	0	1236606	2.423	0.031	0.048	0.00	0	14	7828922
95	95	PD-14-08-N					1236607	2.619	0.015	0.011	0	0	1236608	2.666	0.048	0.011	0.00	0	14.6	7828923
96	96	PD-14-08-N					1236609	2.676	0.024	0.061	0	0	1236610	2.673	0.021	0.015	0.00	0	15.4	7828924
97	97	PD-14-08-N					1236611	2.298	0.059	0.032	0	0	1236612	2.265	0.029	0.028	0.00	0	13.2	7828925
98	98	PD-14-08-N					1236613	2.235	0.25	0.056	0	0	1236614	2.29	0.181	0.088	0.00	0	13.4	7828926
99	99	PD-14-08-N					1236615	2.334	0.314	0.532	0	0	1236616	2.271	0.35	0.421	0.00	0	13.6	7828927
100	100	PD-14-08-N	0.312	0	0	4.80	1236657	2.157	0.134	0.188	0	0	1236658	2.149	0.169	0.146	0.00	0	4.6	7828937
101	101	PD-14-08-N	0.011	0	0	4.40	1236659	1.899	0.348	0.032	0	0	1236660	2.002	0.021	0.021	0.00	0	4.2	7828938
102	102	PD-14-08-N	0.017	0	0	4.60	1236661	2.065	0.011	0.014	0	0	1236662	2.043	0.014	0.015	0.00	0	4	7828939
103	103	PD-14-08-N	0.005	0	0	8.00	1236663	2.365	0.034	0.021	0	0	1236664	2.376	0.01	0.011	0.00	0	4.8	7828940
104	104	PD-14-08-N	<.005	0	0	0.00	1236665	0.706	<.005	<.005	0	0	1236666	0.677	<.005	<.005	0.00	0	0	
105	105	PD-14-08-N	0.067	0	0	7.80	1236667	2.318	0.066	0.058	0	0	1236668	2.24	0.055	0.065	0.00	0	4.6	7828941
106	106	PD-14-08-N	0.103	0	0	4.20	1236669	1.944	0.116	0.117	0	0	1236670	1.883	0.109	0.101	0.00	0	3.8	7828942
107	107	PD-14-08-N	0.225	0	0	5.00	1236671	2.181	0.163	0.209	0	0	1236672	2.228	0.232	0.163	0.00	0	4.4	7828943
108	108	PD-14-08-N	0.122	0	0	4.40	1236673	1.925	0.13	0.153	0	0	1236674	1.937	0.151	0.141	0.00	0	3.8	7828944
109	109	PD-14-08-N	0.134	0	0	4.40	1236675	2.015	0.135	0.145	0	0	1236676	2.003					4	7828945
110	110	PD-14-08-N	0.063	0	0	14.20														7828988
111	111	PD-14-08-N	0.049	0	0	12.43														7828989
112	112	PD-14-08-N	0.015	0	0	2.56														7828990
113	113	PD-14-08-N	0.013	0	0	10.71														7828976
114	114	PD-14-08-N	0.018	0	0	9.88														7828977
115	115	PD-14-08-N	0.012	0	0	9.14														7828980
116	116	PD-14-08-N	0.008	0	0	14.99														7828979
		Note: Only North hole drilled at this location was sampled. Samples from other 3 holes archived																		
183	183	PD-14-10-N	0.064	0	0	11.35														7828055
184	184	PD-14-10-N	0.079	0	0	14.07														7828056
185	185	PD-14-10-N	0.027	0	0	17.08														7828057
186	186	PD-14-10-N	0.02	0	0	11.71														7828058
187	187	PD-14-10-N	0.006	0	0	15.82														7828059
188	188	PD-14-10-N	0.011	0	0	18.04														7828060
189	189	PD-14-10-N	0.221	0	0	11.39														7828071
190	190	PD-14-10-N	0.158	0	0	15.98														7828072
191	191	PD-14-10-N	0.081	0	0	12.85														7828073
192	192	PD-14-10-N	0.127	0	0	14.23														7828074
193	193	PD-14-10-N	0.1	0	0	13.48														7828978
194	194	PD-14-10-N	0.057	0	0	13.05														7828034
195	195	PD-14-10-N	0.018	0	0	14.55														7828031
196	196	PD-14-10-N	0.006	0	0	15.99														7828033
197	197	PD-14-10-N	0.013	0	0	9.43														7828032
198	198	PD-14-10-N	<0.005	0	0	15.07														7828061
199	199	PD-14-10-N	0.032	0	0	14.47														7828070
200	200	PD-14-10-N	0.133	0	0	14.23														7828062
201	201	PD-14-10-N	0.043	0	0	17.88														7828069
202	202	PD-14-10-N	0.037	0	0	12.82														7828068
203	203	PD-14-10-N	0.058	0	0	14.05														7828067

007 Showing PD-14-01, 03, 04: Eastern Reef - PD-14-08, 10, 11:

ID	N°	Hammer Drill Hole	Interval ID	From (m)	Drilling Weight	Sample #	Seal Number Front Collector	Weight before treatment (kg)	Weight of +20 mesh (kg)	Weight of 20 mesh	Sample # Raw Split A	Sample Wt Raw Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # Raw Split B	Sample Wt -Raw Split B (kg)	FA-AA g/tonne
204	204	PD-14-10-N	22	10.5	14.56	PD-14-10-N-22	7562075	14.56			W1236987	1.42	0.041	0.03	0	0	W1236988	0.91	0.023
		Note: Only North hole drilled at this location was sampled. Samples from other 3 holes archived																	
279	279	PD-14-11-N	1	0	15.85	PD-14-11-N-1	7828246	15.85			A085877	1.195	1.14	2.3	0	0	A085878	1.11	0.915
280	280	PD-14-11-N	2	0.5	14.20	PD-14-11-N-2	7828247	14.20			A085879	1.075	0.026	0.026	0	0	A085880	0.99	0.045
281	281	PD-14-11-N	3	1	15.23	PD-14-11-N-3	7828248	15.23			A085881	1.185	0.015	0.025	0	0	A085882	1.055	0.018
282	282	PD-14-11-N	4	1.5	14.50	PD-14-11-N-4	7828249	14.50			A085883	1.13	0.006	0.014	0	0	A085884	1.02	<0.005
283	283	PD-14-11-N	5	2	16.19	PD-14-11-N-5	7828250	16.19			A085885	1.26	0.016	0.023	0	0	A085886	1.14	0.043
284	284	PD-14-11-N	6	2.5	16.40	PD-14-11-N-6	7828251	16.40			A085887	1.25	0.103	0.016	0	0	A085888	1.13	0.049
285	285	PD-14-11-N	7	3	14.73	PD-14-11-N-7	7828252	14.73			A085889	1.135	0.026	0.175	0	0	A085890	0.995	0.07
286	286	PD-14-11-N	8	3.5	15.34	PD-14-11-N-8	7828253	15.34			A085891	1.17	0.299	0.472	0	0	A085892	1.065	0.14
287	287	PD-14-11-N	9	4	14.36	PD-14-11-N-9	7828254	14.36			A085893	1.14	0.068	0.056	0	0	A085894	0.98	0.06
288	288	PD-14-11-N	10	4.5	15.41	PD-14-11-N-10	7828255	15.41			A085895	1.25	0.021	0.093	0	0	A085896	1.055	0.027
289	289	PD-14-11-N	11	5	16.01	PD-14-11-N-11	7828256	16.01			A085897	1.425	0.2	0.019	0	0	A085898	1.025	0.06
290	290	PD-14-11-N	12	5.5	15.77	PD-14-11-N-12	7828257	15.77			A085899	1.29	0.021	0.022	0	0	A085900	1.05	0.176
291	291	PD-14-11-N	13	6	15.72	PD-14-11-N-13	7828258	15.72			A085901	1.25	0.009	0.008	0	0	A085902	1.115	0.038
292	292	PD-14-11-N	14	6.5	14.69	PD-14-11-N-14	7828259	14.69			W1236997	1.475	0.006	0.006	0	0	W1236998	0.865	0.006
293	293	PD-14-11-N	15	7	17.34	PD-14-11-N-15	7828260	17.34			W1236999	0.98	<0.005	0.005	0	0	W1237000	0.845	<0.005
294	294	PD-14-11-N	16	7.5	8.44	PD-14-11-N-16	7828261	8.44			W1236989	0.81	0.015	0.021	0	0	W1236990	0.94	0.013
295	295	PD-14-11-N	17	8	6.39	PD-14-11-N-17	7828262	6.39			W1236991	0.7	0.06	0.058	0	0	W1236992	0.73	0.063
296	296	PD-14-11-N	18	8.5	6.33	PD-14-11-N-18	7828263	6.33			W1236993	1.45	0.048	0.097	0	0	W1236994	1.525	0.054
297	297	PD-14-11-N	19	9	19.55	PD-14-11-N-19	7828264	19.55			W1236995	0.755	0.064	0.088	0	0	W1236996	1.14	0.053
		Note: Only North hole drilled at this location was sampled. Samples from other 3 holes archived																	
					17.29														

ID	N°	Hammer Drill Hole	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Raw final weight (kg)	Sample # -20 Split A	Sample Wt -20 Split A (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B (kg)	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	-20 final weight (kg)	Final closing seal number
204	204	PD-14-10-N	0.098	0	0	12.09														7828066
		Note: Only North hole drilled at this location was sampled. Samples from other 3 holes archived																		
279	279	PD-14-11-N	0.886	0	0	13.44														7828075
280	280	PD-14-11-N	0.013	0	0	12.02														7828076
281	281	PD-14-11-N	0.022	0	0	12.87														7828077
282	282	PD-14-11-N	<0.005	0	0	12.22														7828078
283	283	PD-14-11-N	0.016	0	0	13.66														7828079
284	284	PD-14-11-N	0.019	0	0	13.89														7828080
285	285	PD-14-11-N	0.07	0	0	12.42														7828091
286	286	PD-14-11-N	0.12	0	0	12.98														7828092
287	287	PD-14-11-N	0.059	0	0	12.11														7828093
288	288	PD-14-11-N	0.052	0	0	12.98														7828094
289	289	PD-14-11-N	0.096	0	0	13.44														7828095
290	290	PD-14-11-N	0.104	0	0	13.32														7828096
291	291	PD-14-11-N	0.016	0	0	13.76														7828097
292	292	PD-14-11-N	<0.005	0	0	12.24														7828085
293	293	PD-14-11-N	<0.005	0	0	15.40														7828086
294	294	PD-14-11-N	0.008	0	0	6.59														7828090
295	295	PD-14-11-N	0.043	0	0	4.86														7828063
296	296	PD-14-11-N	0.098	0	0	3.26														7828064
297	297	PD-14-11-N	0.07	0	0	15.42														7828065

Hammer Drilling - Rear Collector (Sheet 1a)

ID	N°	Hammer Drill Hole #	Interval ID	From (m)	Drilling Weight	Sample #	Seal Number Rear Collector	Weight before treatment	Weight of +20 mesh	Weight of -20 mesh kg	Sample # Raw Split A	Sample Wt Raw Split A kg	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # Raw Split B	Sample Wt Raw Split B kg	FA-AA g/tonne	FA-AA 2 g/tonne
Sheet 1																				
1	1	PD-14-01-N	1	0	5.2	PD-14-01-N-1	7562101	5.2	0.074	5.0										
2	2	PD-14-01-N	2	0.5	10.2	PD-14-01-N-2	7562103	10.2	0.422	9.6										
3	3	PD-14-01-N	3	1	8.6	PD-14-01-N-3	7562105	7.8	0.516	7.8										
4	4	PD-14-01-N	4	1.5	10.2	PD-14-01-N-4	7562107	10.2	0.413	9.6										
5	5	PD-14-01-N	5	2	6	PD-14-01-N-5	7562109	6.0	0.384	5.4										
6	6	PD-14-01-N	6	2.5	4.4	PD-14-01-N-6	7562111	4.4	0.298	3.8										
7	7	PD-14-01-N	7	3	10	PD-14-01-N-7	7562113	10.0	0.460	9.2										
8	8	PD-14-01-N	8	3.5	10.2	PD-14-01-N-8	7562115	10.2	0.381	9.4										
9	9	PD-14-01-N	9	4	12.8	PD-14-01-N-9	7562117	12.8	0.376	11.8										
					0															
10	10	PD-14-01-S	1	0	8.2	PD-14-01-S-1	7562127	8.2			A024983	1.097	4.11	4.76	3.52	4	A024984	1.090	4.48	4.06
11	11	PD-14-01-S	2	0.5	12.8	PD-14-01-S-2	7562129	12.8			A024985	1.615	9.53	8.81	8.6	8.32	A024986	1.612	9.95	9.14
12	12	PD-14-01-S	3	1	11.4	PD-14-01-S-3	7562131	11.4			A024987	1.417	3.29	3.21	2.75	2.93	A024988	1.457	2.89	2.96
13	13	PD-14-01-S	4	1.5	11.2	PD-14-01-S-4	7562133	11.2			A024989	1.430	1.46	1.86	0	0	A024990	1.385	1.09	1.72
					0															
90	90	PD-14-08-N	1	0	5.4	PD-14-08-N-1	7561845	5.4	0.142	5.4										
91	91	PD-14-08-N	2	0.5	5.8	PD-14-08-N-2	7561847	5.8	0.397	5.2										
92	92	PD-14-08-N	3	1	9	PD-14-08-N-3	7561849	9.0	0.503	8.8										
93	93	PD-14-08-N	4	1.5	7.2	PD-14-08-N-4	7561851	7.2	0.316	6.8										
94	94	PD-14-08-N	5	2	7.6	PD-14-08-N-5	7561853	7.6	0.424	7.2										
95	95	PD-14-08-N	6	2.5	9	PD-14-08-N-6	7561855	9.0	0.341	8.4										
96	96	PD-14-08-N	7	3	8.8	PD-14-08-N-7	7561857	8.8	0.472	7.8										
97	97	PD-14-08-N	8	3.5	9.4	PD-14-08-N-8	7561859	9.4	0.380	8.8										
98	98	PD-14-08-N	9	4	9.6	PD-14-08-N-9	7561861	9.6	0.474	9.0										
99	99	PD-14-08-N	10	4.5	12	PD-14-08-N-10	7561863	12.0	0.409	10.9										
100	100	PD-14-08-N	11	5	9.4	PD-14-08-N-11	7561865	9.4	0.147	5.2	1236677	1.171	0.222	0.166	0	0	1236678	1.185	0.316	0.413
101	101	PD-14-08-N	12	5.5	9	PD-14-08-N-12	7561867	9.0	0.111	4.2	1236681	2.214	0.11	0.062	0	0	1236682	2.255	0.129	0.089
102	102	PD-14-08-N	13	6	8.8	PD-14-08-N-13	7561869	8.8	0.145	4.0	1236685	2.208	0.135	0.314	0	0	1236686	2.176	0.071	0.059
103	103	PD-14-08-N	14	6.5	9.6	PD-14-08-N-14	7561871	9.6	0.087	4.4	1236689	2.365	0.059	0.02	0	0	1236690	2.412	0.065	0.047
104	104	PD-14-08-N	15	7	8	PD-14-08-N-15	7561873	8.0	0.086	3.6	1236693	2.012	0.017	0.018	0	0	1236694	2.000	0.018	0.032
105	105	PD-14-08-N	16	7.5	9.6	PD-14-08-N-16	7561875	9.6	0.135	4.4	1236697	2.411	0.054	0.052	0	0	1236698	2.443	0.082	0.057
106	106	PD-14-08-N	17	8	15.6	PD-14-08-N-17	7561877	15.6	0.305	7.2	A024951	1.895	0.097	0.087	0	0	A024952	1.940	0.116	0.118
107	107	PD-14-08-N	18	8.5	10.2	PD-14-08-N-18	7561879	10.2	0.082	4.6	A024955	2.479	0.111	0.119	0	0	A024956	2.443	0.137	0.121
108	108	PD-14-08-N	19	9	13.6	PD-14-08-N-19	7561881	13.6	0.169	7.0	A024959	1.737	0.107	0.167	0	0	A024960	1.685	0.127	0.131
109	109	PD-14-08-N	20	9.5	10	PD-14-08-N-20	7561883	10.0	0.158	4.4	A024963	2.461	0.123	0.119	0	0	A024964	2.448	0.106	0.091

Hammer Drilling - Rear Collector (Sheet 1b)

ID	N°	Sample #	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Raw final weight kg	Sample # -20 Split A	Sample Wt - 20 Split A	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B	FA-AA g/tonne	FA-AA 2 g/tonne	Fire Assay Grav g/tonne	Fire Assay Grav 2 g/tonne	-20 final weight	Final closing seal number
Sheet 1 (continued)																			
1	1	PD-14-01-N-1				1236901	1.2	6.43	6.05	7.42	6.32	1236902	1.2	6.58	6.43	5.55	6.43	2.6	7828902
2	2	PD-14-01-N-2				1236905	2.407	2.97	3.05	0	3.75	1236906	2.430	3.23	3.71	5.43	3.57	5.0	7828906
3	3	PD-14-01-N-3				1236907	1.966	1.78	2.52	0	0	1236908	1.990	1.6	1.6	0	0	3.8	7828904
4	4	PD-14-01-N-4				1236909	2.424	1.39	1.6	0	0	1236910	2.433	1.32	1.51	0	0	5.0	7828905
5	5	PD-14-01-N-5				1236911	1.384	1.25	1.15	0	0	1236912	1.338	1.35	1.08	0	0	2.8	7828906
6	6	PD-14-01-N-6				1236913	2.047	0.687	0.787	0	0	1236914	1.950	0.752	0.762	0	0	0	
7	7	PD-14-01-N-7				1236915	2.378	0.388	0.347	0	0	1236916	2.321	0.329	0.435	0	0	4.8	7828907
8	8	PD-14-01-N-8				1236917	2.328	0.264	0.244	0	0	1236918	2.428	0.201	0.185	0	0	4.8	7828908
9	9	PD-14-01-N-9				1236919	1.489	0.16	0.338	0	0	1236920	1.540	0.165	0.437	0	0	9.0	7828909
10	10	PD-14-01-S-1	3.75	4.07	7.2														7828953
11	11	PD-14-01-S-2	8.6	8.75	9.6														7828954
12	12	PD-14-01-S-3	0	0	8.53														7828955
13	13	PD-14-01-S-4	0	0	9.2														7828956
90	90	PD-14-08-N-1				1236617	1.361	0.723	0.851	0	0	1236618	1.442	0.871	0.748	0	0	3.0	7828928
91	91	PD-14-08-N-2				1236619	1.325	0.337	0.544	0	0	1236620	1.341	0.426	0.329	0	0	2.8	7828929
92	92	PD-14-08-N-3				1236621	2.384	0.64	0.571	0	0	1236622	2.127	0.462	0.384	0	0	4.6	7828930
93	93	PD-14-08-N-4				1236623	1.726	0.233	0.209	0	0	1236624	1.722	0.21	0.19	0	0	3.6	7828931
94	94	PD-14-08-N-5				1236625	1.884	0.093	0.129	0	0	1236626	1.805	0.236	0.127	0	0	3.8	7828932
95	95	PD-14-08-N-6				1236627	2.121	0.181	0.094	0	0	1236628	2.142	0.129	0.137	0	0	4.4	7828933
96	96	PD-14-08-N-7				1236629	2.012	0.112	0.083	0	0	1236630	2.024	0.416	0.087	0	0	4.0	7828934
97	97	PD-14-08-N-8				1236631	2.287	0.081	0.087	0	0	1236632	2.263	0.096	0.073	0	0	4.8	7828934
98	98	PD-14-08-N-9				1236633	2.293	0.093	0.08	0	0	1236634	2.305	0.114	0.082	0	0	10.0	7828935
99	99	PD-14-08-N-10				1236635	1.457	0.322	0.372	0	0	1236636	1.358	0.649	0.403	0	0	8.4	7828936
100	100	PD-14-08-N-11	0	0	2.4	1236679	1.099	0.186	0.156	0	0	1236680	1.116	0.169	0.21	0	0	2.2	7828946
101	101	PD-14-08-N-12	0	0	0.0	1236683	2.084	0.201	0.117	0	0	1236684	2.136	0.077	0.289	0	0	0.0	
102	102	PD-14-08-N-13	0	0	0.0	1236687	2.064	0.082	0.082	0	0	1236688	2.025	0.116	0.085	0	0	0.0	
103	103	PD-14-08-N-14	0	0	0.0	1236691	2.279	0.028	0.026	0	0	1236692	2.251	0.039	0.04	0	0	0.0	
104	104	PD-14-08-N-15	0	0	0.0.	1236695	1.879	0.12	0.024	0	0	1236696	1.906	0.019	0.02	0	0	0.0	
105	105	PD-14-08-N-16	0	0	0.0	1236699	2.203	0.064	0.075	0	0	1236700	2.242	0.063	0.058	0	0	0.0	
106	106	PD-14-08-N-17	0	0	3.8	A024953	1.846	0.119	0.087	0	0	A024954	1.831	0.239	0.104	0	0	3.6	7828947
107	107	PD-14-08-N-18	0	0	0.0	A024957	2.476	0.13	0.152	0	0	A024958	2.351	0.157	0.144	0	0	0.0	
108	108	PD-14-08-N-19	0	0	3.4	A024961	1.525	0.14	0.11	0	0	A024962	1.590	0.144	0.152	0	0	3.2	7828948
109	109	PD-14-08-N-20	0	0	0.0	A024965	2.314	0.145	0.119	0	0	A024966	2.282	0.123	0.107	0	0	0.0	

APPENDIX III

Diamond Drill and Hammer Drill Sample Assay Comparison with Logs

007: PD-14-01; PD-14-03; PD-14-04

Eastern Reef: PD-14-08; PD-14-10; PD-14-11

APPENDIX IV Front and Rear Collector Comparison - PD-14-01-S

Project: Ginguro Exploration - Pardo project

Drill hole ID	Type - 007 Zone	Easting	Northing	Elevation (m)	Surveyed?	Dip	Azimith	Core size	End of hole (m)	Date Start	Date Complete	Logged by	Logged Date	Sampled by	Sampled Date	Lab Date			(Grain size in mm; f = silt <0.0625 mm)
PD-14-01	Diamond (DDH)	556182	5182970		No	-90	0	BQ - 40.7mm	4.50			Peter van Walraven	2014-07-01	Peter van Walraven					Comments / Interpretation
graphic	f sf sm sc gf gm gc	Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat	
		From	To	Recovery	Rock Type	Textures	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type		
		0.00	2.64	59	Conglomerate C-type	Cobble - Pebble Coarse/massive	5-10cm	19.5cm	<1%	Metsed / metavol / porphyry	Diss / BS / Sec	2-5%	<1mm - 3-4mm	Sand/Chl	Med	NA	Broken	MI	1.91m - 4.5cm banded/fractured py clast with qtz; massive texture throughout
		2.64	4.50	159		ABS													Basement Rock at 2.64m

DDH 14 - 01 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503915	0.00	0.27	0.27		**1.41**		
E5503916	0.27	0.53	0.26		**9.56**	**5.41**	
E5503917	0.53	0.77	0.24		**1.07**		
E5503918	0.77	1.03	0.26		**2.18**	**1.61**	**3.56**
E5503919	1.03	1.28	0.25		0.18		
E5503920	1.28	1.54	0.26		0.18	0.18	
E5503921	1.54	1.79	0.25		0.31		
E5503922	1.79	2.04	0.25		0.49	0.40	
E5503923	2.04	2.30	0.26		0.29		
E5503924	2.30	2.64	0.34		0.95	0.32	
	Basement @ 2.64m						

DHH 14-01-N Front Collector 6.625" Ø bit Raw

Sample ID	From	To	Processed Split A FA-AA Au g/t	Split A FA-AA 2 Au g/t	Split A FA-Grav Au g/t	Split A FA-Grav 2 Au g/t	-20 mesh Split B FA-AA Au g/t	Split B FA-AA 2 Au g/t	Split B FA-Grav Au g/t	Split B FA-Grav 2 Au g/t	Simple Averages g/tonne	g/tonne
	0.00											
PD-14-01-N-1		0.50	**9.28**	**9.6**	**6.91**	**7.91**	**9.76**	**9.21**	**10.2**	**9.76**	9.079	
	0.50											
PD-14-01-N-2		1.00	**2.47**	**2.54**			**2.39**	**2.41**			2.453	5.766
	1.00											
PD-14-01-N-3		1.50	0.323	0.644			0.372	0.557			0.474	
	1.50											
PD-14-01-N-4		2.00	0.73	0.925			0.484	0.508			0.662	
	2.00											
PD-14-01-N-5		2.50	0.494	0.391			0.39	0.449			0.431	
	2.50											
PD-14-01-N-6		3.00	0.039	0.105			0.167	0.11			0.105	
	3.00											
PD-14-01-N-7		3.50	0.01	0.111			0.032	0.046			0.226	
	3.50											
PD-14-01-N-8		4.00	0.009	0.011			0.008	0.013			0.010	
	4.00											
PD-14-01-N-9		4.50	0.009	0.014			0.021	0.012			0.014	

DDH 14 - 01 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503915	0.00	0.27	0.27		**1.41**		
E5503916	0.27	0.53	0.26		**9.56**	**5.41**	
E5503917	0.53	0.77	0.24		**1.07**		
E5503918	0.77	1.03	0.26		**2.18**	**1.61**	**3.56**
E5503919	1.03	1.28	0.25		0.18		
E5503920	1.28	1.54	0.26		0.18	0.18	
E5503921	1.54	1.79	0.25		0.31		
E5503922	1.79	2.04	0.25		0.49	0.40	
E5503923	2.04	2.30	0.26		0.29		
E5503924	2.30	2.64	0.34		0.95	0.32	
	Basement @ 2.64m						

DHH 14-01-S Front Collector 6.625" Ø bit **Raw** ~-6mm chips

Sample ID	From	To	Split A FA-AA Au g/t	Split A FA-AA 2 Au g/t	Split A FA-Grav Au g/t	Split A FA-Grav 2 Au g/t	Split B FA-AA Au g/t	Split B FA-AA 2 Au g/t	Split B FA-Grav Au g/t	Split B FA-Grav 2 Au g/t	**Processed** -20 mesh Split A FA-AA Au g/t	Split A FA-AA 2 Au g/t	Split A FA-Grav Au g/t	Split A FA-Grav 2 Au g/t	Split B FA-AA Au g/t	Split B FA-AA 2 Au g/t	Split B FA-Grav Au g/t	Split B FA-Grav 2 Au g/t	Simple Averages g/tonne	g/tonne
	0.00																			
PD-14-01-S-1		0.50	**5.28**	**5.29**	**5.63**	**4.89**	**4.53**	**5.45**	**4.82**	**4.67**	**5.65**	**4.74**	**4.69**	**4.52**	**4.88**	**5.02**	**4.67**	**4.97**	4.981	
	0.50																			
PD-14-01-S-2		1.00	**11.6**	**11.1**	**11.7**	**11.5**	**11.7**	**11.5**	**9.29**	**10.4**	**11.4**	**11.5**	**10.4**	**9.78**	**11.9**	**9.87**	**9.9**	**8.84**	10.774	7.878
	1.00																			
PD-14-01-S-3		1.50	0.589	0.479	0.665	0.511	0.665	0.511	0	0	0.767	0.601	0	0	0.647	0.55	0	0	0.561	
	1.50																			
PD-14-01-S-4		2.00	0.208	0.215	0.176	0.174	0.176	0.174	0	0	0.31	0.197	0	0	0.247	0.328	0	0	0.193	

DDH 14 - 01 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503915	0.00	0.27	0.27		**1.41**		
E5503916	0.27	0.53	0.26		**9.56**	**5.41**	
E5503917	0.53	0.77	0.24		**1.07**		
E5503918	0.77	1.03	0.26		**2.18**	**1.61**	**3.56**
E5503919	1.03	1.28	0.25		0.18		
E5503920	1.28	1.54	0.26		0.18	0.18	
E5503921	1.54	1.79	0.25		0.31		
E5503922	1.79	2.04	0.25		0.49	0.40	
E5503923	2.04	2.30	0.26		0.29		
E5503924	2.30	2.64	0.34		0.95	0.32	
	Basement @ 2.64m						

DHH 14-01-E Front Collector 6.625" Ø bit **Raw** ~-6mm chips

Sample ID	From	To	Split A FA-AA Au g/t	Split A FA-AA 2 Au g/t	Split A FA-Grav Au g/t	Split A FA-Grav 2 Au g/t	Split B FA-AA Au g/t	Split B FA-AA 2 Au g/t	Split B FA-Grav Au g/t	Split B FA-Grav 2 Au g/t	Simple Averages g/tonne	g/tonne
	0.00											
PD-14-01-E-1		0.50	**6.28**	**7.73**	**6.25**	**6.81**	**7.88**	**7.87**	**7.60**	**8.70**	7.390	
	0.50											
PD-14-01-E-2		1.00	**1.17**	**0.854**	**0**	**0**	**1.05**	**1.54**	**0**	**0**	1.154	4.272
	1.00											
PD-14-01-E-3		1.50	0.258	0.348	0	0	2.25	0.288	0	0	0.786	
	1.50											
PD-14-01-E-4		2.00	0.675	0.547	0	0	0.797	0.458	0	0	0.619	

DDH 14 - 01 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503915	0.00	0.27	0.27		**1.41**		
E5503916	0.27	0.53	0.26		**9.56**	**5.41**	
E5503917	0.53	0.77	0.24		**1.07**		
E5503918	0.77	1.03	0.26		**2.18**	**1.61**	**3.56**
E5503919	1.03	1.28	0.25		0.18		
E5503920	1.28	1.54	0.26		0.18	0.18	
E5503921	1.54	1.79	0.25		0.31		
E5503922	1.79	2.04	0.25		0.49	0.40	
E5503923	2.04	2.30	0.26		0.29		
E5503924	2.30	2.64	0.34		0.95	0.32	

Basement @ 2.64m

DHH 14-01-W

Sample ID	From	To	Front Collector Split A FA-AA Au g/t	FA-AA 2 Au g/t	6.625" Ø bit FA-Grav Au g/t	FA-Grav 2 Au g/t	**Raw** Split B FA-AA Au g/t	FA-AA 2 Au g/t	~-6mm chips FA-Grav Au g/t	FA-Grav 2 Au g/t	Simple Averages g/tonne	g/tonne
	0.00											
PD-14-01-W-1		0.50	**0.966**	**1.27**	**0**	**0**	**1.8**	**1.82**	**0**	**0**	1.464	
	0.50											
PD-14-01-W-2		1.00	**2.02**	**2.26**	**0**	**0**	**2.13**	**2.32**	**0**	**0**	2.183	
	1.00											
PD-14-01-W-3		1.50	**4.46**	**5.22**	**4.83**	**4.7**	**3.79**	**4.03**	**3.86**	**4.58**	4.434	2.693
	1.50											
PD-14-01-W-4		2.00	0.517	0.304	0	0	0.325	0.357	0	0	0.376	

Simple average grade Au g/tonne 4.948

Project: Ginguro Exploration - Pardo project																				
Drill hole ID	Type - 007 Zone	Easting	Northing	Elevation (m)	Surveyed?	Dip	Azimith	Core size	End of hole (m)	Date Start	Date Complete	Logged by	Logged Date	Sampled by	Sampled Date	Lab Date				(Grain size in mm; f = silt <0.0625 mm)
PD-14-03	Diamond (DDH)	556166	5182977		No	-90	0	BQ - 40.7mm	4.50			Peter van Walraven	2014-07-01	Peter van Walraven						Comments / Interpretation
graphic		Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat		
	f sf sm sc gf gm gc	From	To	Recovery	Rock Type	Texture	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type			
		0.00	3.42	49	Conglomerate C-type	peb/cob massive	2-5cm	7.5cm	2-5%	metsed / chert metavol / porphyry	Diss / BS / Sec	5%	fine- 2-3mm	sand/chl	med	10	scour	MI		Likely boulder cong zone of 007, py conc around 0.5m, 1.75m, 2m Broken core
		3.42	6.30	82	ABS													ABS		

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503925	0	0.28	0.28		0.11		
E5503926	0.28	0.55	0.27		0.19	0.12	
E5503927	0.55	0.95	0.40		0.07		
E5503928	0.95	1.25	0.30		0.60	0.29	
E5503929	1.25	1.54	0.29		0.33		
E5503931	1.54	1.90	0.36		**1.67**	1.02	
E5503932	1.9	2.20	0.30		**0.97**		
E5503933	2.2	2.45	0.25		**13.90**	6.61	
E5503934	2.45	2.75	0.30	1.21	**1.58**		4.001
E5503935	2.75	3.07	0.32		0.13	0.54	

Basement @ 3.42m

DHH 14-03-N Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav	Simple g/tonne	Averages g/tonne
	0.00											
PD-14-03-N-1		0.50	0.127	0.089	0	0	0.096	0.071	0	0		
	0.50											
PD-14-03-N-2		1.00	0.406	0.16	0	0	0.188	0.351	0	0		
	1.00											
PD-14-03-N-3		1.50	0.135	0.094	0	0	0.207	0.145	0	0		
	1.50											
PD-14-03-N-4		2.00	0.325	0.555	0	0	0.642	0.285	0	0		
	2.00											
PD-14-03-N-5		**2.50**	**9.320**	**10.300**	**9.970**	**9.570**	**9.430**	**8.450**	**6.880**	**7.760**	8.960	
	2.50											
PD-14-03-N-6		**3.00**	**4.010**	**3.700**	**2.960**	**3.090**	**3.480**	**3.180**	**3.700**	**3.150**	3.409	
	3.00											
PD-14-03-N-7		**3.50**	**6.130**	**3.740**	**4.400**	**9.590**	**2.840**	**2.460**	**0**	**0**	4.860	5.743

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503925	0	0.28	0.28		0.11		
E5503926	0.28	0.55	0.27		0.19	0.12	
E5503927	0.55	0.95	0.4		0.07		
E5503928	0.95	1.25	0.3		0.6	0.29	
E5503929	1.25	1.54	0.29		0.33		
E5503931	1.54	1.9	0.36		**1.67**	1.02	
E5503932	1.9	2.2	0.3		**0.97**		
E5503933	2.2	2.45	0.25		**13.9**	6.61	
E5503934	2.45	2.75	0.3		**1.58**		
E5503935	2.75	3.07	0.32		0.13	0.54	4.00

Basement @ 3.42m

DHH 14-03-S Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav		
	0.00											
PD-14-03-S-1		0.50	0.238	0.134	0	0	0.161	0.350	0	0		
	0.50											
PD-14-03-S-2		1.00	0.084	0.117	0	0	0.098	0.108	0	0		
	1.00											
PD-14-03-S-3		1.50	0.059	0.078	0	0	0.054	0.055	0	0		
	1.50											
PD-14-03-S-4		2.00	0.384	0.412	0	0	0.367	0.317	0	0		
	2.00											
PD-14-03-S-5		**2.50**	**2.620**	**1.830**	**0**	**0**	**2.560**	**2.100**	**0**	**0**	2.278	
	2.50											
PD-14-03-S-6		**3.00**	**4.340**	**4.540**	**3.690**	**3.290**	**2.180**	**2.860**	**0**	**0**	3.483	2.880

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503925	0	0.28	0.28		0.11		
E5503926	0.28	0.55	0.27		0.19	0.12	
E5503927	0.55	0.95	0.4		0.07		
E5503928	0.95	1.25	0.3		0.6	0.29	
E5503929	1.25	1.54	0.29		0.33		
E5503931	1.54	1.9	0.36		**1.67**	1.02	
E5503932	1.9	2.2	0.3		**0.97**		
E5503933	2.2	2.45	0.25		**13.9**	6.61	
E5503934	2.45	2.75	0.3		**1.58**		4.00
E5503935	2.75	3.07	0.32		0.13	0.54	
		Basement @ 3.42m					

DHH 14-03-E Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav	Simple g/tonne	Averages g/tonne
	0.00											
PD-14-03-E-1		0.50	0.26	0.159	0	0	0.207	0.178	0	0		
	0.50											
PD-14-03-E-2		1.00	0.249	0.225	0	0	0.366	0.162	0	0		
	1.00											
PD-14-03-E-3		1.50	0.154	0.178	0	0	0.494	0.153	0	0		
	1.50											
PD-14-03-E-4		2.00	0.792	0.554	0	0	0.702	0.892	0	0		
	2.00											
PD-14-03-E-5		2.50	**4.66**	**5.31**	**7.12**	**4.37**	**5.77**	**4.51**	**5.65**	**6.56**	5.494	
	2.50											
PD-14-03-E-6		3.00	**2.61**	**3.62**	**0**	**2.99**	**2.36**	**2.86**	**0**	**0**	2.863	4.178
	3.00											
PD-14-03-E-7		3.50	0.313	0.276	0	0	0.217	0.281	0	0		
	3.50											
PD-14-03-E-8		4.00	0.025	0.062	0	0	0.115	0.039	0	0		

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503925	0	0.28	0.28		0.11		
E5503926	0.28	0.55	0.27		0.19	0.12	
E5503927	0.55	0.95	0.4		0.07		
E5503928	0.95	1.25	0.3		0.6	0.29	
E5503929	1.25	1.54	0.29		0.33		
E5503931	1.54	1.9	0.36		**1.67**	1.02	
E5503932	1.9	2.2	0.3		**0.97**		
E5503933	2.2	2.45	0.25		**13.9**	6.61	
E5503934	2.45	2.75	0.3		**1.58**		4.00
E5503935	2.75	3.07	0.32		0.13	0.54	
		Basement @ 3.42m					

DHH 14-03-W Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav
	0.00									
PD-14-03-W-1		0.50	0.102	0.086	0	0	0.15	0.321	0	0
	0.50									
PD-14-03-W-2		1.00	0.155	0.096	0	0	0.15	0.068	0	0
	1.00									
PD-14-03-W-3		1.50	0.019	0.016	0	0	0.021	0.015	0	0
	1.50									
PD-14-03-W-4		2.00	Hit water - no sample							
	2.00									
PD-14-03-W-5		2.50								

Simple Averge Au g/tonne **4.267**

James E. Tilsley and Associates Ltd. 905 727 6822
Dany Boilard inc. 418 383 3823
5 Steeplechase Ave., Aurora, Ontario L4G-6W5
121 Station, Ste-Justine, P.Q. G0R-1Y0
JamesTilsley@Rogers.com
boilard@explorationminiere.com

Project: Ginguro Exploration - Pardo project																					
Drill hole ID	Type - 007 Zone																				(Grain size in mm; f = silt <0.0625 mm)
PD-14-04	Diamond (DDH)																				Comments / Interpretation
graphic	f	sf	sm	sc	gf	gm	gc	Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat	
								From	To	Recovery	Rock Type	Texture	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type		
								0.00	3.46	91	Conglomerate C-type	peb-boulder massive	3-6cm	15cm	2-5%	metased / metavol / alt mafics	diss / BS / clastic	5%	fine- 15mm	sand/chl/cal	med	irregular	scour	MI	Py conc into several zones (0.56m - with large banded py/qtz peb, 2.1m, 3m, and 3.2m)
								3.46	5.20	93	ABS														

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503936	0	0.25	0.25		**1.35**		
E5503937	0.25	0.5	0.25		**2.29**	**1.48**	
E5503938	0.5	0.75	0.25		**10.4**		
E5503939	0.75	1	0.25		**2.54**	**3.87**	**4.15**
E5503940	1	1.25	0.25		0.56		
E5503941	1.25	1.5	0.25		0.16	0.22	
E5503942	1.5	1.75	0.25		0.33		
E5503943	1.75	2	0.25		0.35	0.26	
E5503944	2	2.25	0.25		0.63		
E5503945	2.25	2.5	0.25		3.39	1.85	
E5503946	2.5	2.75	0.25		0.25		
E5503947	2.75	3.05	0.3		0.29	0.22	
E5503948	3.05	3.32	0.27		0.13		
	Basement @3.46m						

DHH 14-04-N Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav	Simple Averages g/tonne	g/tonne
	0.00											
PD-14-04-N-1		0.50	**3.07**	**2.97**	**3.12**	**0**	**2.85**	**3.25**	**0**	**3.23**	2.311	
	0.50											
PD-14-04-N-2		1.00	**0.354**	**0.296**	**0**	**0**	**0.704**	**0.588**	**0**	**0**	0.486	
	1.00											
PD-14-04-N-3		1.50	**0.585**	**0.517**	**0**	**0**	**0.72**	**0.687**	**0**	**0**	0.627	
	1.50											
PD-14-04-N-4		2.00	**0.601**	**0.633**	**0**	**0**	**0.548**	**0.519**	**0**	**0**	0.575	
	2.00											
PD-14-04-N-5		2.50	**1.19**	**0.966**	**0**	**0**	**0.991**	**1.05**	**0**	**0**	1.049	1.010
	2.50											
PD-14-04-N-6		3.00	0.188	0.163	0	0	0.231	0.197	0	0		
	3.00											
PD-14-04-N-7		3.50	0.256	0.293	0	0	0.171	0.155	0	0		
	3.50											
PD-14-04-N-8		4.00	0.476	0.44	0	0	0.392	0.409	0	0		

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503936	0	0.25	0.25		1.35		
E5503937	0.25	0.5	0.25		2.29	1.48	
E5503938	0.5	0.75	0.25		10.4		
E5503939	0.75	1	0.25		2.54	3.87	4.15
E5503940	1	1.25	0.25		0.56		
E5503941	1.25	1.5	0.25		0.16	0.22	
E5503942	1.5	1.75	0.25		0.33		
E5503943	1.75	2	0.25		0.35	0.26	
E5503944	2	2.25	0.25		0.63		
E5503945	2.25	2.5	0.25		3.39	1.85	
E5503946	2.5	2.75	0.25		0.25		
E5503947	2.75	3.05	0.3		0.29	0.22	
E5503948	3.05	3.32	0.27		0.13		
	Basement @3.46m						

DHH 14-04-S Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav		
	0.00											
PD-14-04-S-1		0.50	0.344	0.243	0	0	0.252	0.476	0	0		
	0.50											
PD-14-04-S-2		1.00	0.962	0.748	0	0	0.74	0.712	0	0	0.791	
	1.00											
PD-14-04-S-3		1.50	0.976	0.724	0	0	0.805	0.712	0	0	0.804	0.797
	1.50											
PD-14-04-S-4		2.00	0.44	0.391	0	0	0.31	0.358	0	0		
	2.00											
PD-14-04-S-5		2.50	0.546	0.748	0	0	0.365	0.386	0	0		
	2.50											
		3.00										

James E. Tilsley and Associates Ltd. 905 727 6822
Dany Boilard inc. 418 383 3823
5 Steeplechase Ave., Aurora, Ontario L4G-6W5
121 Station, Ste-Justine, P.Q. G0R-1Y0
JamesTilsley@Rogers.com
boilard@explorationminiere.com

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503936	0	0.25	0.25		**1.35**		
E5503937	0.25	0.5	0.25		**2.29**	**1.48**	
E5503938	0.5	0.75	0.25		**10.4**		
E5503939	0.75	1	0.25		**2.54**	**3.87**	**4.15**
E5503940	1	1.25	0.25		0.56		
E5503941	1.25	1.5	0.25		0.16	0.22	
E5503942	1.5	1.75	0.25		0.33		
E5503943	1.75	2	0.25		0.35	0.26	
E5503944	2	2.25	0.25		0.63		
E5503945	2.25	2.5	0.25		**3.39**	**1.85**	
E5503946	2.5	2.75	0.25		0.25		
E5503947	2.75	3.05	0.3		0.29	0.22	
E5503948	3.05	3.32	0.27		0.13		
	Basement @3.46m						

DHH 14-04-E Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav		
	0.00											
PD-14-04-E-1		0.50	**3.36**	**3.26**	**3.42**	**2.92**	**3.62**	**3.53**	**3.66**	**4.13**	3.488	
	0.50											
PD 14-04-E-2		1.00	**1.5**	**1.61**	**0**	**0**	**1.14**	**0.982**	**0**	**0**	1.308	
	1.00											
PD 14-04-E-3		1.50	**0.625**	**1.36**	**0**	**0**	**0.488**	**0.451**	**0**	**0**	0.731	1.842
	1.50											
PD 14-04-E-4		2.00	0.473	0.472	0	0	0.518	0.59	0	0		
	2.00											
PD 14-04-E-5		2.50	**3.79**	**2.55**	**3.15**	**0**	**3.49**	**2.38**	**3.05**	**0**	3.068	
	2.50											
PD 14-04-E-6		3.00	**5.05**	**3.55**	**3.39**	**4.66**	**4.98**	**4.18**	**3.92**	**4.74**	4.309	3.689

DDH 14 - 03 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t	
E5503936	0	0.25	0.25		**1.35**		
E5503937	0.25	0.5	0.25		**2.29**	**1.48**	
E5503938	0.5	0.75	0.25		**10.4**		
E5503939	0.75	1	0.25		**2.54**	**3.87**	**4.15**
E5503940	1	1.25	0.25		0.56		
E5503941	1.25	1.5	0.25		0.16	0.22	
E5503942	1.5	1.75	0.25		0.33		
E5503943	1.75	2	0.25		0.35	0.26	
E5503944	2	2.25	0.25		0.63		
E5503945	2.25	2.5	0.25		**3.39**	**1.85**	
E5503946	2.5	2.75	0.25		0.25		
E5503947	2.75	3.05	0.3		0.29	0.22	
E5503948	3.05	3.32	0.27		0.13		1.54
	Basement @3.46m						

DHH 14-04-W Front Collector 6.625" Ø bit

Sample ID	From	To	Au g/t FA-AA	Raw split A FA-AA	FA-Grav	g/tonne FA-Grav	Au g/t FA-AA	Raw split B FA-AA	FA-Grav	g/tonne FA-Grav		
	0.00											
PD-14-04-W-1		0.50	**3.93**	**2.52**	**2.62**	**0**	**2.34**	**2.29**	**0**	**0**	2.740	
	0.50											
PD-14-04-W-2		1.00	**3.2**	**2.56**	**2.82**	**0**	**2.67**	**1.58**	**0**	**0**	2.566	
	1.00											
PD-14-04-W-3		1.50	**0.891**	**1.19**	**0**	**0**	**1.43**	**1.24**	**0**	**0**	1.188	2.165
	1.50											
PD-14-04-W-4		2.00	0.449	0.473	0	0	0.722	0.453	0	0	0.524	
	2.00											
PD-14-04-W-5		2.50	**1.13**	**1.73**	**0**	**0**	**2.79**	**2.87**	**0**	**0**	2.130	1.830
	2.50											
PD-14-04-W-6		3.00	0.3	0.273	0	0	0.309	0.428	0	0		
	3.00											
		3.50	0.154	0.323	0	0	0.152	0.09	0	0		
												1.889

Project: Ginguro Exploration - Pardo project

Drill hole ID	Type - Eastern Reef - south	Easting	Northing	Elevation (m)	Surveyed?	Dip	Azimith	Core size	End of hole (m)	Date Start	Date Complete	Logged by	Logged Date	Sampled by	Sampled Date	Lab Date			(Grain size in mm; f = silt <0.0625 mm)
PD-14-08	Diamond (DDH)	556593	5183351	314	No	-90	0	BQ - 40.7mm	13.50	2014-06-26	2014-06-27	Peter van Walraven	2014-07-02	Peter van Walraven					Comments / Interpretation
graphic	f sf sm sc gf gm gc	Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat	
		From	To	Recovery	Rock Type	Texture	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type		
		0.00	5.55	96	Conglomerate C-type	peb-boulder; massive	2-5cm	12.2cm	1-2%	Metased / Metavol / chert / alt mafics / porphyry	Py - diss, clast Po - sec	5%	fine-25mm	sand/chl	med	irregular	sharp	MI	cobble zone, well packed but poor sorting; likely boulder zone; py dispersed through out (large 2.5cm clast with qtz at 0.5m); py present largely in Diss/clast clusters
		5.55	5.87	100	Sandstone/ Mudstone	weak irreg bedding; Interbedded	v-fine	coarse grit	2-5%	lithic	Py and Po - diss, sec	trace	med-coarse	sand	fine	irregular - 10	sharp	MI/MA?	Mixed unit of irregular laminated muds and coarse sands; contacts are sharp and irregular - possuble mud layers are rip ups or clasts as bedding is iregular but near parallel to contacts. Coarse grit qtz rich compaired to above cong.
		5.87	6.75	100	Sandstone	Norm-graded bedding	fine	coarse	5%	lithic	Py - diss, sec	1-2%	fine	sand/chl	fine	45	scour	MA	Graded sandstone bed from fine sand up top to coarse sand/grit base. Dark fine sands on top.
		6.75	7.51	100	Sandstone	Norm-graded bedding	fine	coarse	2-5%	lithic	Py and Po - diss, sec	1-2%	fine-coarse	sand/chl	v-fine	5	sharp	MA	Same as above but lighter coloured fine sands up top. Unit ends in coarse grit with a bed of fine pebbles.
		7.51	8.38	100	Conglomerate C-type	pebble; Weak Norm-graded	1-3cm	5cm	7-10%	Metased / Metavol / chert	cluster	2%	med-coarse	sand/chl	fine	10	scour	MA	Qtz pebble cong with high py% at top (diss in sands) and base (Diss sands and clusters)
		8.38	8.55	100	Sandstone	massive/weak bedding	med	coarse	5%	lithic	cluster	2%	fine-8mm	sand/chl	fine-med	NA	gradual	MA	massive sandstone with alt beds of med to coarse graded sands; lots of py clusters (appear secondary);
		8.55	9.94	98	Conglomerate C-type	pebble: massive	1-3cm	5cm	10%	Metased / Metavol / chert	Diss, BS, clast	5-10%	fine-11mm	sand/chl	med	NA	gradual	MA	Qtz pebble cong with high py%; Base contact defined by py beds and chance in grain size. Py conc at base and top of unit and displays beding.
		9.94	10.24	100	Conglomerate C-type	pebble; massive/weak reverse grad	0.5-1	2cm	5-7%	Metased / Metavol	Diss, clast	5%	fine-23mm	sand/chl	med	15	scour	MA	Like above but less Py and finer pebles
		10.24	10.39	98	Mudstone	irregular laminations	v-fine	fine	NA	NA	sec	trace	v-fine	mud/chl	v-fine	25	sharp	MA	possible cobble? Beds are parallel to contacts however; fracture of chl and cal present
		10.39	10.48	100	Conglomerate C-type	pebble massive	1-2cm	3	25%	Metased / Metavol	Diss, BS, clast	15%	fine - 21mm	sand/chl	fine-med	irregular	scour	MA	Qtz pebble cong with high py%;
		10.48	13.50	100	ABS														Archean Basement

DDH 14 - 08 BQTK 40.7mm Ø

DHH 14-08-N

Sample ID	From	To	Thickness	Au g/t	Average Au g/t
E5503885	0.00	0.25	0.25	0.28	
E5503886	0.25	0.50	0.25	0.18	0.230
E5503887	0.50	0.75	0.25	0.02	
E5503888	0.75	1.00	0.25	0.06	0.040
E5503889	1.00	1.25	0.25	0.52	
E5503890	1.25	1.50	0.25	0.06	0.290
E5503891	1.50	1.75	0.25	0.33	
E5503892	1.75	2.00	0.25	0.001	0.166
E5503893	2.00	2.25	0.25	0.1	
E5503894	2.25	2.50	0.25	0.09	0.095
E5503895	2.50	2.75	0.25	0.001	
E5503896	2.75	3.00	0.25	0.001	0.001
E5503897	3.00	3.25	0.25	0.001	
E5503898	3.25	3.50	0.25	0.52	0.261
E5503899	3.50	3.75	0.25	0.11	
E5503901	3.75	4.00	0.25	0.17	0.140
E5503902	4.00	4.25	0.25	0.05	
E5503903	4.25	4.50	0.25	0.16	0.105
E5503904	4.50	4.75	0.25	0.001	
E5503905	4.75	5.00	0.25	0.04	0.021
E5503906	5.00	5.25	0.25	0.12	
E5503907	5.25	5.50	0.25	0.06	0.090
E5503908	5.50	5.82	0.32	0.01	
E5503909	5.82	6.19	0.37	0.001	0.005
E5504060	6.19	6.70	0.51	0.03	
E5504061	6.70	7.42	0.72	0.01	0.018
E5504062	7.42	7.65	0.23	0.15	
E5504063	7.65	7.90	0.25	0.08	0.114
E5504064	7.90	8.15	0.25	0.18	
E5504065	8.15	8.45	0.3	0.11	0.142
E5504066	8.45	8.70	0.25	0.11	
E5504067	8.70	8.96	0.26	0.08	0.095
E5504068	8.96	9.21	0.25	0.1	
E5504069	9.21	9.46	0.25	0.16	0.130
E5504071	9.46	9.71	0.25	0.15	
E5504072	9.71	9.96	0.25	0.02	0.085
E5504073	9.96	10.26	0.3	0.11	

Sample ID	From	To	Front Collector Split A FA-AA Au g/t	Front Collector Split A FA-AA 2 Au g/t	6.625" Ø bit Raw Split B FA-AA Au g/t	6.625" Ø bit Raw Split B FA-AA 2 Au g/t	Processed Split A FA-AA Au g/t	Processed Split A FA-AA 2 Au g/t	Processed Split B FA-AA Au g/t	Processed Split B FA-AA 2 Au g/t
PD-14-08-N-1	0.00									
		0.50					0.456	0.519	0.533	0.608
PD-14-08-N-2	0.50									
		1.00					0.228	0.211	0.139	0.133
PD-14-08-N-3	1.00									
		1.50					0.227	0.187	0.349	0.384
PD-14-08-N-4	1.50									
		2.00					0.158	0.108	0.074	0.081
PD-14-08-N-5	2.00									
		2.50					0.125	0.055	0.031	0.048
PD-14-08-N-6	2.50									
		3.00					0.015	0.011	0.048	0.011
PD-14-08-N-7	3.00									
		3.50					0.024	0.061	0.021	0.015
PD-14-08-N-8	3.50									
		4.00					0.059	0.032	0.029	0.028
PD-14-08-N-9	4.00									
		4.50					0.25	0.056	0.181	0.088
PD-14-08-N-10	4.50									
		5.00					0.314	0.532	0.35	0.421
PD-14-08-N-11	5.00									
		5.50	0.061	0.051	0.12	0.312	0.134	0.188	0.169	0.146
PD-14-08-N-12	5.50									
		6.00	0.035	0.024	0.006	0.011	0.348	0.032	0.021	0.021
PD-14-08-N-13	6.00									
		6.50	0.049	0.048	0.016	0.017	0.011	0.014	0.014	0.015
PD-14-08-N-14	6.50									
		7.00	0.001	0.001	0.006	0.005	0.034	0.021	0.01	0.011
PD-14-08-N-15	7.00									
		7.50	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PD-14-08-N-16	7.50									
		8.00	0.051	0.065	0.057	0.067	0.066	0.058	0.055	0.065
PD-14-08-N-17	8.00									
		8.50	0.115	0.105	0.097	0.103	0.116	0.117	0.109	0.101
PD-14-08-N-18	8.50									
		9.00	0.202	0.209	0.188	0.225	0.163	0.209	0.232	0.163
PD-14-08-N-19	9.00									
		9.50	0.126	0.141	0.157	0.122	0.13	0.153	0.151	0.141
PD-14-08-N-20	9.50									
		10.00								
Averages			0.072	0.072	0.072	0.096	0.111	0.088	0.085	0.074
				0.072		0.084		0.100		0.079
					0.078				0.090	

Sample ID	From	To	Rear Collector Split A FA-AA Au g/t	Rear Collector Split A FA-AA 2 Au g/t	Rear Collector Raw Split B FA-AA Au g/t	Rear Collector Raw Split B FA-AA 2 Au g/t	Front Colle Rear Collector Split A FA-AA Au g/t	Front Colle Rear Collector Split A FA-AA 2 Au g/t	Processed Split B FA-AA Au g/t	Processed Split B FA-AA 2 Au g/t	Simple Average Au g/tonne	Simple Average Au g/tonne	Front/Rear %
PD-14-08-N-1	0.00												
		0.50					0.723	0.851	0.871	0.748	0.529	0.798	0.269	66.27
PD-14-08-N-2	0.50												
		1.00					0.337	0.544	0.426	0.329	0.178	0.409	0.231	43.46
PD-14-08-N-3	1.00												
		1.50					0.64	0.571	0.462	0.384	0.287	0.514	0.228	55.76
PD-14-08-N-4	1.50												
		2.00					0.233	0.209	0.21	0.19	0.105	0.211	0.105	50.00
PD-14-08-N-5	2.00												
		2.50					0.093	0.129	0.236	0.127	0.065	0.146	0.082	44.27
PD-14-08-N-6	2.50												
		3.00					0.181	0.094	0.129	0.137	0.021	0.135	0.114	15.71
PD-14-08-N-7	3.00												
		3.50					0.112	0.083	0.416	0.087	0.030	0.175	0.144	17.34
PD-14-08-N-8	3.50												
		4.00					0.081	0.087	0.096	0.073	0.037	0.084	0.047	43.92
PD-14-08-N-9	4.00												
		4.50					0.093	0.08	0.114	0.082	0.144	0.092	-0.052	155.83
PD-14-08-N-10	4.50												
		5.00					0.322	0.372	0.649	0.403	0.404	0.437	0.032	92.61
PD-14-08-N-11	5.00												
		5.50	0.222	0.166	0.316	0.413	0.186	0.156	0.169	0.21	0.148	0.230	0.082	64.25
PD-14-08-N-12	5.50												
		6.00	0.11	0.062	0.129	0.089	0.201	0.117	0.077	0.289	0.062	0.134	0.072	46.37
PD-14-08-N-13	6.00												
		6.50	0.135	0.314	0.071	0.059	0.082	0.082	0.116	0.085	0.023	0.118	0.095	19.49
PD-14-08-N-14	6.50												
		7.00	0.059	0.02	0.065	0.047	0.028	0.026	0.039	0.04	0.011	0.041	0.029	27.47
PD-14-08-N-15	7.00												
		7.50	0.017	0.018	0.018	0.032	0.12	0.024	0.019	0.02	0.002	0.034	0.032	4.48
PD-14-08-N-16	7.50												
		8.00	0.054	0.052	0.082	0.057	0.064	0.075	0.063	0.058	0.061	0.063	0.003	95.84
PD-14-08-N-17	8.00												
		8.50	0.097	0.087	0.116	0.118	0.119	0.087	0.239	0.104	0.108	0.121	0.013	89.25
PD-14-08-N-18	8.50												
		9.00	0.111	0.119	0.137	0.121	0.13	0.152	0.157	0.144	0.199	0.134	-0.065	148.55
PD-14-08-N-19	9.00												
		9.50	0.107	0.167	0.127	0.131	0.14	0.11	0.144	0.152	0.140	0.135	-0.005	103.99
PD-14-08-N-20	9.50												
		10.00	0.123	0.119	0.106	0.091	0.145	0.119	0.123	0.107			
										Sum	2.553	3.001		85.07
										Average	0.180	0.300		
Averages			0.104	0.112	0.117	0.116	0.122	0.095	0.115	0.121				
				0.108		0.116		0.108		0.118	0.753	1.009		74.64
					0.112				0.113		0.084	0.112		

Note: <0.005 entered as 0.001

These data show higher values from the rear collector compared to values for samples taken from the front collector. ~15% to 25% higher

Project: Ginguro Exploration - Pardo project

Drill hole ID	Type - Eastern Reef - Mid	Easting	Northing	Elevation (m)	Surveyed?	Dip	Azimith	Core size	End of hole (m)	Date Start	Date Complete	Logged by	Logged Date	Sampled by	Sampled Date	Lab Date			(Grain size in mm; f = silt <0.0625 mm)
PD-14-10	Diamond (DDH)	556563	5183398	312	No	-90	0	BQ - 40.7mm	13.50	2014-06-27	2014-06-27	Peter van Walraven	2014-07-03	Peter van Walraven					Comments / Interpretation
graphic	f sf sm sc gf gm gc	Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat	
		From	To	Recovery	Rock Type	Texture	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type		
		0.00	0.28	100	Sandstone	X-bedded	med	coarse	NA	NA	Diss	2%	fine	sand/chl	fine	15	sharp	MI	Upper sandstone unit with bedded py within first 5cm. 3mm qtz vien cuts unit at 0.19m; minor offset (2mm) fault
		0.28	1.09	100	Conglomerate C-type	massive	2-5cm	11.2cm	1-2%	Metased/vol / chert / porphyry / alt mafics	Py - Clast, BS Po-sec, BS	2-5%	fine - 16mm	sand/chl	med	30	fracture	MI	Boulder conglomeate zone with Po%>Py% (appears to be replacing Py); large sulphide cluster around 0.56-0.63m
		1.09	1.21	100	Qtz vein	pegmatic	NA	NA	100%	NA	NA	NA	NA	NA	NA	30	fracture	NA	Post deposition qtz vien with Chl
		1.21	6.21	100	Conglomerate C-type	massive	2-5cm	20cm	1-2%	Metased/vol / chert / porphyry / alt mafics	Py - Clast, BS Po-sec, BS	1-2%	fine - 16mm	sand/chl	med	30	fracture	MI	Same unit as above; less py and po
		6.21	7.87	98	Sandstone	Norm-grad; X-bed	med	med-coarse	>25%	lithics	Po - diss	Trace	fine	sand/chl	v-fine	irregular	scour	PE/MA?	gradual norm grading from fine sands at top to coarse sands at base; Py diss throughout; week X-beds with 1-2mm mud laminae
		7.87	8.22	100	Mudstone	interbedded; laminated	v-fine	fine	NA	NA	Py and Po - vien fill	1-2%	fine/med	silt/chl/cal	v-fine	15	sharp	PE/MA?	Minor mud layer with irregulat beds and fine chl viens near parallel to bedding; interbedded with fine sand; Py con to 1mm fracture (secondary)
		8.22	8.39	100	Conglomerate M-type	fine pebble interbedded	med sand	3.5	7-10%	metased	Diss	1%	fine	sand/chl	med	10	scour	MA	Sandy fine pebbled bed with high qtz and metased clast%; minor bedding in sands; poor sorting and packing
		8.39	8.52	100	Sandstone	interbedded; laminated	v-fine	fine	NA	NA	Py and Po - vien fill	2%	fine	silt/chl/cal	v-fine	10	sharp	MA	Similar to above mudstone but greater % of sand to mud in within interbeds
		8.52	9.31	100	Conglomerate C-type	massive	1-2cm	8.5cm	15-17%	Metased/vol / chert	Diss, BS, Clast	10-12%	fine-4mm	sand/chl	fine-med	25	scour	MA	Typical Qtz/Py MA cong; Py conc to upper unit (8.60-9m); base unit much less py and finer clasts (gradual change)
		9.31	9.81	100	Sandstone	Norm-grad	coarse	1cm	7-10%	metased	Diss, Cluster, Bed	5-7%	fine-7mm	sand/chl	fine	NA	gradual	MA	Py conc into clusters (concreations?); 3mm fine grained py bed at 9.57m; grades into grit then pebble cong
		9.81	10.77	100	Conglomerate C-type	Norm-grad	grit	5cm	12-15%	metased	Diss, BS, Clast	5-7%	fine-5mm	sand/chl	fine-med	irregular	scour	MA	Unit starts as M-type grit/pebble cong; peb becomes dom lithology aroun2 10.20m; Py fairly even distribution; similar to above qtz peb cong
		10.77	11.03	104	Sandstone	massive	med	med-coarse	10-15%	lithics	diss	trace	v-fine	sand/chl	fine	irregular	sharp	MA	Odd contact; appears tro be wither sed clast or change in sand composition (appears to have a clast of ABS); colouration difference poss due to chl vienlets
		11.03	11.07	100	Conglomerate C-type	massive	grit	3.5	20-25%	metased	Diss, BS, Clast	10%	fine-5mm	sand/chl	fine-med	irregular	scour	MA	Like above qtz pebble cong but thin;
		11.07	13.50		ABS													ABS	Archean Basement with qtz and chl viens and biotite

DDH 14-10 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t
E5504107	0	0.39	0.39		0.040	
E5504108	0.39	0.63	0.24		0.090	0.059
E5504109	0.63	0.88	0.25		0.020	
E5504110	0.88	1.21	0.33		0.001	0.009
E5504111	1.21	1.47	0.26		0.010	
E5504112	1.47	1.7	0.23		0.010	0.010
E5504113	1.7	1.95	0.25		0.001	
E5504114	1.95	2.2	0.25		0.010	0.006
E5504115	2.2	2.45	0.25		0.020	
E5504116	2.45	2.71	0.26		0.060	0.040
E5504117	2.71	3	0.29		0.040	
E5504118	3	3.25	0.25		0.001	0.022
E5504119	3.25	3.5	0.25		0.080	
E5504121	3.5	3.75	0.25		0.030	0.055
E5504122	3.75	4	0.25		0.001	
E5504123	4	4.25	0.25		0.001	0.001
E5504124	4.25	4.5	0.25		0.020	
E5504125	4.5	4.75	0.25		0.250	0.135
E5504126	4.75	5	0.25		0.180	
E5504127	5	5.31	0.31		0.310	0.252
E5504128	5.31	5.62	0.31		0.150	
E5504129	5.62	5.93	0.31		0.001	0.076
E5504130	5.93	6.2	0.27		0.010	
E5504131	6.2	6.7	0.5		0.001	0.004
E5504132	6.7	7.2	0.5		0.001	
E5504133	7.2	7.56	0.36		0.001	0.006
E5504134	7.56	7.86	0.3		0.010	
E5504135	7.86	8.21	0.35		0.010	0.001
E5504136	8.21	8.5	0.29		0.010	
E5504137	8.5	8.79	0.29		0.170	0.010
E5504138	8.79	9.31	0.52		0.290	
E5504139	9.31	9.81	0.5		0.020	0.088
E5504141	9.81	10.26	0.45		0.050	
E5504142	10.26	10.51	0.25		0.040	0.194
E5504143	10.51	10.78	0.27		0.030	

DHH 14-10-N Front Collector 6.0" Ø bit

Sample ID	From	To	Au g/t	Raw Au g/t	Au g/t	Au g/t
	0.00					
PD-14-10-N-1		0.50	0.046	0.088	0.043	0.064
	0.50					
PD-14-10-N-2		1.00	0.009	0.007	0.011	0.079
	1.00					
PD-14-10-N-3		1.50	0.022	0.019	0.009	0.027
	1.50					
PD-14-10-N-4		2.00	<0.005	0.008	<0.005	0.02
	2.00					
PD-14-10-N-5		2.50	<0.005	<0.005	<0.005	0.006
	2.50					
PD-14-10-N-6		3.00	0.005	<0.005	0.011	0.011
	3.00					
PD-14-10-N-7		3.50	0.033	0.27	0.043	0.221
	3.50					
PD-14-10-N-8		4.00	0.2	0.115	0.321	0.158
	4.00					
PD-14-10-N-9		4.50	0.17	0.125	0.056	0.081
	4.50					
PD-14-10-N-10		5.00	0.147	0.19	0.084	0.127
	5.00					
PD-14-10-N-11		5.50	0.071	0.023	0.026	0.1
	5.50					
PD-14-10-N-12		6.00	0.042	0.124	0.077	0.057
	6.00					
PD-14-10-N-13		6.50	0.01	0.039	0.01	0.018
	6.50					
PD-14-10-N-14		7.00	<0.005	<0.005	0.007	0.006
	7.00					
PD-14-10-N-15		7.50	0.005	0.062	0.007	0.013
	7.50					
PD-14-10-N-16		8.00	0.013	0.01	0.009	<0.005
	8.00					
PD-14-10-N-17		8.50	0.037	0.044	0.043	0.032
	8.50					
PD-14-10-N-18		9.00	0.106	0.102	0.102	0.133
	9.00					
PD-14-10-N-19		9.50	0.057	0.043	0.038	0.043
	9.50					
PD-14-10-N-20		10.00	0.026	0.052	0.022	0.037
	10.00					
PD-14-10-N-21		10.50	0.035	0.055	0.053	0.058
	10.50					
PD-14-10-N-22		11.00	0.041	0.03	0.023	0.098

Project: Ginguro Exploration - Pardo project

Drill hole ID	Type - Eastern Reef - north	Easting	Northing	Elevation (m)	Surveyed?	Dip	Azimith	Core size	End of hole (m)	Date Start	Date Complete	Logged by	Logged Date	Sampled by	Sampled Date	Lab Date			(Grain size in mm; f = silt <0.0625 mm)
PD-14-11	Diamond (DDH)	556571	5183437		No	-90	0	BQ - 40.7mm	12.20	2014-06-27	2014-06-27	Peter van Walraven	2014-07-03	Peter van Walraven					Comments / Interpretation
graphic	f sf sm sc gf gm gc	Depth			Lithology code		Particle/clast size		Clast composition		Pyrite/sulphide			Matrix		Bedding/Contacts		Strat	
		From	To	Recovery	Rock Type	Texture	Ave	Max	Qtz%	Type 2	Py type	Py %	Py Size	Type	Size	Dips	Type		
		0.00	6.98	97	Conglomerate C-type	Massive; weakly interbedded	2-5cm	37cm	2-3%	Metased/vol / chert / porphyry	diss, BS, clast	1-2%	fine-14mm	sand/chl	fine-grit	20	scour	MI	Boulder-peb cong unit of the MI; py conc around 0.32-0.42m; weakly interbedded with grity/peb layers; gradual (graded) contacts between beds
		6.98	7.35	103	Sandstone	Norm grading	fine-med	med	NA	Lithic	diss	Trace	v-fine	sand/chl	v-fine	10	scour	MI/MA?	
		7.35	7.96	70	Sandstone	Norm grading	fine-med	grit	NA	Lithic	NA	NA	NA	sand/chl	v-fine	NA	gradual	MI/MA?	gradual grad into M-type cong below.; minor interbedded with fine sands/muds
		7.96	8.12	100	Conglomerate M-type	massive	0.5-1cm	1.5cm	5-7%	metased	Po - sec	Trace	fine	sand/chl	fine	5	scour	MA	fine peb unit weakly parallel bedded
		8.12	8.31	84	Sandstone	massive	fine-med	med	NA	Lithic	diss	Trace	v-fine	sand/chl	v-fine	0	sharp	MA	like above fine sand - sit direcgtly on top of cong below
		8.31	8.76	100	Conglomerate C-type	massive	1-2cm	6.5cm	20-25%	metased/vol	diss, BS,	10-15%	fine-grit	sand/chl	med	5	scour	MA	typical qtz/py peb cong; py conc to core/center of unit
		8.76	8.89	100	Sandstone	Norm grading	med	1.5cm	15-20%	metased/vol	diss, BS,	5%	fine-grit	sand/chl	fine-grit	10	sharp	MA	coarser grade at towards base; Po present in a few clumps; minor py clusters as well
		8.89	9.58	100	Conglomerate C-type	massive	1-2cm	3cm	17-20%	metased/vol	diss, BS,	5-7%	fine-grit	sand/chl	med	5	scour	MA	Minor reverse grading to wards base; py con around 9.18m in clusters (13mm)
		9.58	9.86	100	Sandstone	massive	med	1.5cm	15-20%	metased/vol	diss, BS,	2-3%	fine-grit	sand/chl	fine-grit	NA	Broken	MA	Coarse sandstone like above 8.76 unit
		9.86	10.06	70	Sandstone	massive	fine-med	med	NA	NA	NA	NA	NA	silt	fine	NA	Broken	MA	heavily sil/alt fine sandstone possibly a clast?
		10.06	10.74	100	Conglomerate C-type	massive	1-2cm	13.2cm	20-25%	metased/vol	diss, BS, clast	10-15%	fine-15mm	sand/chl	med	25	scour	MA	Unit capped with large qtz cobble clast; typical qtz/py peb cong; py conc to core/center and base of unit; base contains 15mm py clast
		10.74	12.20	95	ABS														Archean basement

DDH 14-11 BQTK 40.7mm Ø

Sample ID	From	To	Thickness	Unit	Au g/t	Average Au g/t
E5504144	0.00	0.28	0.28		0.5	
E5504145	0.28	0.42	0.14		**5.46**	**2.153**
E5504146	0.42	0.66	0.24		0.21	
E5504147	0.66	0.93	0.27		0.16	0.184
E5504148	0.93	1.17	0.24		0.03	
E5504149	1.17	1.42	0.25		0.08	0.056
E5504150	1.42	1.67	0.25		0.2	
E5504151	1.67	1.91	0.24		0.23	0.215
E5504152	1.91	2.16	0.25		0.02	
E5504153	2.16	2.41	0.25		0.03	0.025
E5504154	2.41	2.66	0.25		0.02	
E5504155	2.66	2.91	0.25		0.18	0.100
E5504156	2.91	3.15	0.24		0.06	
E5504157	3.15	3.40	0.25		0.03	0.045
E5504158	3.40	3.65	0.25		0.02	
E5504159	3.65	3.90	0.25		0.2	0.110
E5504161	3.90	4.15	0.25		0.07	
E5504162	4.15	4.44	0.29		0.15	0.113
E5504163	4.44	4.69	0.25		0.1	
E5504164	4.69	4.94	0.25		0.79	0.445
E5504165	4.94	5.21	0.27		0.02	
E5504166	5.21	5.45	0.24		0.11	0.062
E5504167	5.45	5.68	0.23		0.23	
E5504168	5.68	5.91	0.23		0.02	0.125
E5504169	5.91	6.15	0.24		0.13	
E5504170	6.15	6.40	0.25		0.17	0.150
E5504171	6.40	6.83	0.43		0.01	
E5504172	6.83	7.62	0.79		0.02	0.016
E5504173	7.62	8.28	0.66		0.02	
E5504174	8.28	8.72	0.44		0.11	0.056
E5504175	8.72	9.21	0.49		0.06	
E5504176	9.21	9.57	0.36		0.06	0.060
E5504177	9.57	10.03	0.46		0.02	
E5504178	10.03	10.36	0.33		0.13	0.066
E5504179	10.36	10.70	0.34		0.22	
						0.220

DHH 14-11-N Front Collector 6.0" Ø bit

Sample ID	From	To	Au g/t	Raw Au g/t	Au g/t	Au g/t
PD-14-11-N-1	0.00	0.50	**1.14**	**2.3**	**0.915**	**0.886**
PD-14-11-N-2	0.50	1.00	0.026	0.026	0.045	0.013
PD-14-11-N-3	1.00	1.50	0.015	0.025	0.018	0.022
PD-14-11-N-4	1.50	2.00	0.006	0.014	<0.005	<0.005
PD-14-11-N-5	2.00	2.50	0.016	0.023	0.043	0.016
PD-14-11-N-6	2.50	3.00	0.103	0.016	0.049	0.019
PD-14-11-N-7	3.00	3.50	0.026	0.175	0.07	0.07
PD-14-11-N-8	3.50	4.00	0.299	0.472	0.14	0.12
PD-14-11-N-9	4.00	4.50	0.068	0.056	0.06	0.059
PD-14-11-N-10	4.50	5.00	0.021	0.093	0.027	0.052
PD-14-11-N-11	5.00	5.50	0.2	0.019	0.06	0.096
PD-14-11-N-12	5.50	6.00	0.021	0.022	0.176	0.104
PD-14-11-N-13	6.00	6.50	0.009	0.008	0.038	0.016
PD-14-11-N-14	6.50	7.00	0.006	0.006	0.006	<0.005
PD-14-11-N-15	7.00	7.50	<0.005	0.005	<0.005	<0.005
PD-14-11-N-16	7.50	8.00	0.015	0.021	0.013	0.008
PD-14-11-N-17	8.00	8.50	0.06	0.058	0.063	0.043
PD-14-11-N-18	8.50	9.00	0.048	0.097	0.054	0.098
PD-14-11-N-19	9.00	9.50	0.064	0.088	0.053	0.07

APPENDIX IV

Front and Rear Collector Comparison - PD-14-01-S

Mount Logan Resources Ltd. Hammer Drill Sampling - Pardo Township, Ontario 2014
007 Showing - PD-14-01-S: Comparison of results - Front and Rear Collectors

ID	N°	DHH	Interval ID	From (m)	Drilling Weight kg	Sample #	Seal Number Rear	Weight before treatement kg	Weight of -20 mesh kg	Sample # Raw Split A	Sample Wt Raw Split A kg	FA-AA Assay g/tonne	FA-AA Assay 2 g/tonne	Sample # Raw Split B	Sample Wt Raw Split B kg	FA-AA Assay g/tonne	FA-AA Assay 2 g/tonne	Raw final weight	Sample # -20 Split A	Sample Wt -20 Split A kg	FA-AA Assay g/tonne	FA-AA Assay 2 g/tonne	Sample # -20 Split B	Sample Wt -20 Split B kg	FA-AA Assay g/tonne	FA-AA Assay 2 g/tonne	-20 final weight kg	Final closing seal #
Front Collector																												
10	10	PD-14-01-S	1	0	19.2	PD-14-01-S-1	7562128	19.2	8.8	A024967	2.366	5.28	5.29	A024968	2.433	4.53	5.45	4.8	A024969	2.286	5.65	4.74	A024970	2.303	4.88	5.02	4.4	7828949
11	11	PD-14-01-S	2	0.5	21.2	PD-14-01-S-2	7562130	21.2	10.0	A024971	2.678	11.6	11.1	A024972	2.679	11.7	11.5	5.2	A024973	2.494	11.4	11.5	A024974	2.501	11.9	9.87	5.0	7828950
12	12	PD-14-01-S	3	1	20.2	PD-14-01-S-3	7562132	20.2	9.4	A024975	2.575	0.589	0.479	A024976	2.581	0.665	0.511	5.0	A024977	2.306	0.767	0.601	A024978	2.473	0.647	0.55	4.2	7828951
13	13	PD-14-01-S	4	1.5	20.8	PD-14-01-S-4	7562134	20.8	9.6	A024979	2.659	0.208	0.215	A024980	2.618	0.176	0.174	5.2	A024981	1.261	0.31	0.197	A024982	1.286	0.247	0.328	6.6	7828952
Rear Collector																												
10	10	PD-14-01-S	1	0	8.2	PD-14-01-S-1	7562127	8.2		A024983	1.097	4.11	4.76	A024984	1.090	4.48	4.06	7.2										7828953
11	11	PD-14-01-S	2	0.5	12.8	PD-14-01-S-2	7562129	12.8		A024985	1.615	9.53	8.81	A024986	1.612	9.95	9.14	9.6										7828954
12	12	PD-14-01-S	3	1	11.4	PD-14-01-S-3	7562131	11.4		A024987	1.417	3.29	3.21	A024988	1.457	2.89	2.96	8.53										7828955
13	13	PD-14-01-S	4	1.5	11.2	PD-14-01-S-4	7562133	11.2		A024989	1.430	1.46	1.86	A024990	1.385	1.09	1.72	9.2										7828956

Average - Assay 1 & Assay 2	Raw Front Collector
5.285	4.99
11.35	11.6
0.534	0.588
0.2115	0.175

Average - Assay 1 & Assay 2	Processed Front Collector
5.195	4.95
11.45	10.885
0.684	0.5985
0.2535	0.2875

Average - Assay 1 & Assay 2	Raw Rear Collector
4.435	4.27
9.17	9.545
3.25	**2.925**
1.66	**1.405**

Average - Split A & B	Raw Front Collector
5.1375	
11.475	
0.561	
0.19325	

Average - Split A & B	Processed Front Collector
5.0725	
11.1675	
0.64125	
0.2705	

Average - Split A & B	Raw Rear Collector
4.3525	
9.3575	
3.0875	
1.5325	

Notes: These data suggest -

1 Raw samples from the hammer drill require splitting only

2 One ~1kg split per interval with two aliquots is suggested

3 Aliquot size of ~30 grams is adequate

4 The fine fraction of the samples has a 'memory' due to the design of the machine
(See bold numbers)

5 Chip collection by cyclone immediately behind the drill collar would solve the 'rear collector problem'
by combining both fractions and eliminating the travel distance in the dust collecting system.

6 Since there is little probability of 'memory' from previous sample(s) at the foreward collector
these samples should be used and the rear collector samples ignored - at least for the present. **

7 There does not appear to be a serious primary bias between the gold content of raw front and raw rear samples
therefore using the front collector fraction only is acceptable - providing this is properly explained.

(**) Inspection of the rear collector samples shows a range of chip sizes only slightly smaller than those from the foreward collector.
This might be further investigated by particle size analyses (screening) of both collector fractions from the same interval.

James E. Tilsley and Associates Ltd. 905 727 6822
Dany Boilard inc. 418 383 3823

5 Steeplechase Ave., Aurora, Ontario L4G-6W5
121 Station, Ste-Justine, P.Q. G0R-1Y0

JamesTilsley@Rogers.com
boilard@explorationminiere.com

APPENDIX V

007 Large Grab Sample

Mount Logan Resources Ltd. Pardo Project - Sampling Studies 2014
007 Showing: Large Grab Sample

Report Number: A14-05582 007 Large Grab
Report Date: 26/8/2014

Analyte Symbc	Received W	Au	Weight	Au	Weight		
Unit Symbol	Kg	ppb	g	g/tonne	g		
Detection Limit		5		0.03			
Analysis Methc	none	FA-AA	FA-AA	FA-GRA	FA-GRA		
1292349	1.34	1770	50			Lot 1	+30 mesh
1292350	1.29	1880	50.2				
1236937	1.91	3600	50.5	3.8	30.77		-30 mesh
1236938	2.02	4090	50.8	4.25	30.56		
1236939	1.55	643	50.8				
1236940	1.52	965	51			Lot 2	+30 mesh
1236941	1.89	1010	50.8				
1236942	2.02	1020	50.2				-30 mesh
1236943	1.6	5030	50.9	4.79	30.25		
1236944	1.61	5740	50.6	4.79	30.92		
1236945	1.58	9990	50.2	10.5	30.4	Lot 3	+30 mesh
1236946	1.41	10200	50.4	10.4	30.23		
1292349-2		2170	50.7				-30 mesh
1292350-2		1910	50.9				
1236937-2		4190	50.9	3.56	30.36		
1236938-2		4460	50.5	4.66	30.91	Lot 1	+30 mesh
1236939-2		761	50.6				
1236940-2		658	50.1				-30 mesh
1236941-2		935	50.3				
1236942-2		1120	50.4				
1236943-2		5380	50.8	4.88	30.64	Lot 2	+30 mesh
1236944-2		5060	50.8	5.87	30.69		
1236945-2		10300	50.6	8.85	30.62		-30 mesh
1236946-2		9330	50.4	10.3	30.8		
						Lot 3	+30 mesh
							-30 mesh

Report Number: A14-05582 007 Large Grab
Report Date: 26/8/2014

Analyte Symbol	Received Weight	Au	Weight	Au	Weight	Simple	Simple
Unit Symbol	Kg	ppb	g	g/tonne	g	average	average
Detection Limit		5		0.03		FA-AA 1	FA-AA 2
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA	Au, ppm	Au, ppm
1292349	1.34	1770	50				
1292350	1.29	1880	50.2				
1236937	1.91	3600	50.5	3.8	30.77		
1236938	2.02	4090	50.8	4.25	30.56	2.835	3.183
1236939	1.55	643	50.8				
1236940	1.52	965	51				
1236941	1.89	1010	50.8				
1236942	2.02	1020	50.2			0.910	0.869
1236943	1.6	5030	50.9	4.79	30.25		
1236944	1.61	5740	50.6	4.79	30.92		
1236945	1.58	9990	50.2	10.5	30.4		
1236946	1.41	10200	50.4	10.4	30.23	7.740	7.518
1292349-2	1.34	2170	50.7				
1292350-2	1.29	1910	50.9				
1236937-2	1.91	4190	50.9	3.56	30.36		
1236938-2	2.02	4460	50.5	4.66	30.91	3.183	
1236939-2	1.55	761	50.6				
1236940-2	1.52	658	50.1				
1236941-2	1.89	935	50.3				
1236942-2	2.02	1120	50.4			0.869	
1236943-2	1.6	5380	50.8	4.88	30.64		
1236944-2	1.61	5060	50.8	5.87	30.69		
1236945-2	1.58	10300	50.6	8.85	30.62		
1236946-2	1.41	9330	50.4	10.3	30.8	7.518	
Simple Average		3.842					

James E. Tilsley and Associates Ltd. 905 727 6822 5 Steeplechase Ave., Aurora, Ontario, L4G-6W5 JamesTilsley@Rogers.com
Dany Boilard inc. 418 383 3823 121 Station, Ste-Justine, P.Q. G0R-1Y0 boilard@explorationminiere.com

Mount Logan Resources Ltd. Pardo Project - Sampling Studies 2014
007 Showing: Large Grab Sample

			FA-AA mg Au recovered	Calculated mg Au in Sample	FA-AA 2 mg Au recovered	Calculated mg Au in Sample	Weighted Average mg/kg (g/tonne)	Weighted Average mg/kg (g/tonne)	Au in fraction processed mg	Lot Weighted Average mg/kg (g/tonne)	Total Lots Weighted Average mg/kg (g/tonne)	% Total Au
Lot 1	+30 mesh	1292349	0.089	2.372	0.110	2.908	1.970					
		1292350	0.094	2.425	0.097	2.464	1.895	1.933	19.86			24.03
	-30 mesh	1236937	0.182	6.876	0.213	8.003	3.895					
		1236938	0.208	8.262	0.225	9.009	4.275	4.085	62.79	3.223		75.97
Lot 2	+30 mesh	1236939	0.033	0.997	0.039	1.180	0.702					
		1236940	0.049	1.467	0.033	1.000	0.812	0.757	9.32			37.28
	-30 mesh	1236941	0.051	1.909	0.047	1.767	0.973					
		1236942	0.051	2.060	0.056	2.262	1.070	1.021	15.68	0.904		62.72
Lot 3	+30 mesh	1236943	0.256	8.048	0.273	8.608	5.205					
		1236944	0.290	9.241	0.257	8.147	5.400	5.303	67.62			37.00
	-30 mesh	1236945	0.501	15.784	0.521	16.274	10.145					
		1236946	0.514	14.382	0.470	13.155	9.765	9.955	115.14	7.515		63.00
Lot 1	+30 mesh	1292349-2	0.110	2.908					Weighted Average		**3.744**	
		1292350-2	0.097	2.464								
	-30 mesh	1236937-2	0.213	8.003								
		1236938-2	0.225	9.009								
Lot 2	+30 mesh	1236939-2	0.039	1.180								
		1236940-2	0.033	1.000								
	-30 mesh	1236941-2	0.047	1.767								
		1236942-2	0.056	2.262								
Lot 3	+30 mesh	1236943-2	0.273	8.608								
		1236944-2	0.257	8.147								
	-30 mesh	1236945-2	0.521	16.274								
		1236946-2	0.470	13.155								

Field Sample number	Grab Wt (lbs)	Grab Wt (kg)	As processed (kg)
12/7/2014 - 1	66.50	30.16	25.646
12/7/2014 - 2	70.50	31.98	27.66
12/7/2014 - 3	59.38	26.93	24.318

Field Sample number	Received Grab Wt (kg)	Sample Wt -20 +30 (1)	Sample number - 20 +30 (1)	Au ppb FA-AA	Au ppb FA-AA 2	Sample Wt -20 +30 (2)	Sample # - 20 +30 (2)	Au ppb FA-AA	Au ppb FA-AA 2	Reject Wt - 20 +30 kg	Sample Wt - 30 (1)	Sample number -30 (1)	Au ppb FA-AA	Au ppb FA-AA 2	Sample Wt - 30 (2)	Sample number - 30 (2)	Au ppb FA-AA	Au ppb FA-AA 2
12/7/2014 - 1	30.16	1.364	1292349	1770	2170	1.311	1292350	1880	1910	7.6	1.933	1236937	3600	4190	2.038	1236938	4090	4460
12/7/2014 - 2	31.98	1.569	1236939	643	761	1.542	1296940	965	658	9.2	1.911	1236941	1010	935	2.038	1236942	1020	1120
12/7/2014 - 3	26.93	1.614	1236943	5030	5380	1.638	1236944	5740	5060	9.5	1.534	1236945	9990	10300	1.432	1236946	10200	9330

	Processed (kg)	+30 kg	% +30 mesh	-30 kg	% -30
Lot 1	25.65	10.275	40.06	15.37	59.94
Lot 2	27.66	12.311	44.51	15.35	55.49
Lot 3	24.32	12.752	52.44	11.57	47.56

James E. Tilsley and Associates Ltd. 905 727 6822
Dany Boilard inc. 418 383 3823
5 Steeplechase Ave., Aurora, Ontario, L4G-6W5
121 Station, Ste-Justine, P.Q. G0R-1Y0
JamesTilsley@Rogers.com
boilard@explorationminiere.com

APPENDIX VI

Eastern Reef Panels

Mount Logan Resources Ltd. Pardo Project - Sampling Studies 2014
Eastern Reef Panels

Client ID	ppb FA-AA	g FA-AA	mg Au	ppb 2 FA-AA	g FA-AA	mg Au	ppb 3 FA-AA	g FA-AA	mg Au	ppb 4 FA-AA	g FA-AA	mg Au	ppb - Au Average	Aliq Av. Wt g	mg Au	Total mg Au recovered	Au g/tonne	Sample Wt kg	Calc mg Au in sample	Sample wt kg
Eastern Reef - Vertical sections at Panels 1 and 2.																				
1292301	31	50.16	0.002	36	50.35	0.002	46	50.45	0.002	56	50.24	0.003	42	50.300	0.002	0.008	0.042	4.29	0.18	
1292302	6	50.01	0.000	9	50.31	0.000	7	50.37	0.000	10	50.48	0.000	8	50.293	0.000	0.002	0.008	2.73	0.02	
1292303	46	50.76	0.002	53	50.81	0.003	81	50.19	0.004	87	50.58	0.004	67	50.585	0.003	0.013	0.066	4.1	0.27	
1292304	**2263**	50.5	0.114	**2185**	50.75	0.111	**1823**	50.72	0.092	**3130**	50.45	0.158	**2350**	50.605	0.119	0.476	**2.350**	4.6	**10.81**	15.72
Eastern Reef - Panel 1																				
1292305	**966**	50.53	0.049	**1565**	50.94	0.080	**1788**	50.79	0.091	**911**	50.82	0.046	**1307**	50.770	0.066	0.266	**1.308**	7.62	**9.96**	
1292306	*559*	50.65	0.028	*840*	50.71	0.043	325	50.62	0.016	*611*	50.61	0.031	*584*	50.648	0.030	0.118	*0.584*	6.32	*3.69*	
1292307	*474*	50.52	0.024	358	50.4	0.018	*927*	50.39	0.047	*454*	50.32	0.023	*553*	50.408	0.028	0.112	0.553	7.01	*3.88*	
1292308	**4454**	30.25	0.135	**3498**	30.3	0.106	**4235**	30.46	0.129	**3517**	30.97	0.109	**3926**	30.495	0.120	0.479	**3.924**	7.22	**28.35**	
1292309	329	50.03	0.016	320	50.51	0.016	*486*	50.33	0.024	*477*	50.19	0.024	*403*	50.265	0.020	0.081	0.403	6.24	*2.52*	
1292310	20	50.68	0.001	23	50.56	0.001	17	50.81	0.001	12	50.19	0.001	18	50.560	0.001	0.004	0.018	4.44	0.08	
1292311	37	50.45	0.002	14	50.2	0.001	12	50.86	0.001	7	50.89	0.000	18	50.600	0.001	0.004	0.017	7.12	0.12	
1292312	143	50.39	0.007	120	50.34	0.006	152	50.65	0.008	113	50.47	0.006	132	50.463	0.007	0.027	0.132	5.55	0.73	
1292313	36	50.85	0.002	14	50.66	0.001	24	50.18	0.001	25	50.51	0.001	25	50.550	0.001	0.005	0.025	5.24	0.13	
1292314	**3612**	50.64	0.183	**4320**	50.53	0.218	**6907**	50.3	0.347	**6314**	50.75	0.320	**5288**	50.555	0.267	1.069	**5.287**	5.53	**29.24**	62.29
Eastern Reef - Panel 2																				
1292315	49	50.11	0.002	49	50.06	0.002	67	50.24	0.003	66	50.16	0.003	58	50.143	0.003	0.012	0.058	6.72	0.39	
1292316	10	50.33	0.001	9	50.13	0.000	4	50.83	0.000	5	50.87	0.000	7	50.540	0.000	0.001	0.007	4.62	0.03	
1292317	33	50.35	0.002	58	50.85	0.003	101	50.4	0.005	53	50.19	0.003	61	50.448	0.003	0.012	0.061	5.56	0.34	
1292318	28	50.46	0.001	24	50.15	0.001	45	50.43	0.002	46	50.39	0.002	36	50.358	0.002	0.007	0.036	5.61	0.20	
1292319	34	50.34	0.002	39	50.57	0.002	50	50.07	0.003	56	50.5	0.003	45	50.370	0.002	0.009	0.045	4.99	0.22	
1292320	19	50.33	0.001	25	50.08	0.001	19	50.91	0.001	31	50.33	0.002	23	50.413	0.001	0.005	0.023	6.7	0.16	
1292321	138	50.34	0.007	188	50.43	0.009	184	50.42	0.009	123	50.2	0.006	158	50.348	0.008	0.032	0.158	5.55	0.88	
1292322	162	50.47	0.008	173	50.12	0.009	101	50.15	0.005	90	50.38	0.005	132	50.280	0.007	0.026	0.132	6.4	0.84	
1292323	55	50.6	0.003	50	50.24	0.003	69	50.07	0.003	68	50.09	0.003	61	50.250	0.003	0.012	0.061	5.11	0.31	
1292324	319	50.14	0.016	239	50.15	0.012	182	50.23	0.009	156	50.25	0.008	224	50.193	0.011	0.045	0.224	6.35	1.42	57.61
Eastern Reef - Panel 3																				
1292325	600	50.45	0.030	619	50.86	0.031	318	50.1	0.016	197	50.55	0.010	433	50.490	0.022	0.088	0.434	8.01	*3.47*	
1292326	286	50.36	0.014	237	50.26	0.012	450	50.56	0.023	626	50.44	0.032	400	50.405	0.020	0.081	0.400	8.94	*3.57*	
1292327	24	50.47	0.001	87	50.27	0.004	191	50.95	0.010	196	50.28	0.010	125	50.493	0.006	0.025	0.125	8.47	1.06	
1292328	33	50.19	0.002	24	50.83	0.001	195	50.73	0.010	49	50.28	0.002	75	50.508	0.004	0.015	0.075	6.55	0.49	
1292329	149	50.4	0.007	373	50.01	0.019	128	50.21	0.006	110	50.99	0.006	190	50.403	0.010	0.038	0.189	10.3	1.95	
1292330	57	50.62	0.003	74	50.38	0.004	36	50.81	0.002	31	50.52	0.002	50	50.583	0.003	0.010	0.050	6.18	0.31	
1292331	17	50.54	0.001	18	50.77	0.001	18	50.52	0.001	17	50.73	0.001	17	50.640	0.001	0.004	0.017	5.48	0.10	
1292332	15	50.81	0.001	23	50.41	0.001	9	50.12	0.000	9	50.81	0.000	14	50.538	0.001	0.003	0.014	8.59	0.12	
1292333	268	50.93	0.014	244	50.88	0.012	84	50.13	0.004	88	50.48	0.004	171	50.605	0.009	0.035	0.171	6.65	1.14	
1292334	190	50.14	0.010	414	50.2	0.021	383	50.43	0.019	638	50.19	0.032	406	50.240	0.020	0.082	0.406	7.18	*2.92*	76.35

Mount Logan Resources Ltd. Pardo Project - Sampling Studies 2014
Eastern Reef Panels

Client ID	ppb FA-AA	g FA-AA	mg Au	ppb 2 FA-AA	g FA-AA	mg Au	ppb 3 FA-AA	g FA-AA	mg Au	ppb 4 FA-AA	g FA-AA	mg Au	ppb - Au Average	Aliq Av. Wt g	mg Au	Total mg Au recovered	Au g/tonne	Sample Wt kg	Calc mg Au in sample	Sample wt kg
Eastern Reef - Panel 4																				
1292335	212	50.63	0.011	125	50.52	0.006	101	50.25	0.005	255	50.22	0.013	174	50.405	0.009	0.035	0.174	7.69	1.33	
1292336	295	50.67	0.015	233	50.66	0.012	349	50.74	0.018	149	50.87	0.008	256	50.735	0.013	0.052	0.256	6.06	1.55	
1292337	221	50.49	0.011	158	50.6	0.008	392	50.53	0.020	182	50.41	0.009	238	50.508	0.012	0.048	0.238	8.59	*2.05*	
1292338	113	50.49	0.006	153	50.27	0.008	135	50.26	0.007	74	50.18	0.004	119	50.300	0.006	0.024	0.119	6.56	0.78	
1292339	72	50.27	0.004	22	50.3	0.001	96	50.62	0.005	66	50.74	0.003	64	50.483	0.003	0.013	0.064	7.18	0.46	
1292340	241	50.38	0.012	218	50.9	0.011	247	50.45	0.012	362	50.92	0.018	267	50.663	0.014	0.054	0.267	7.69	*2.05*	
1292341	117	50.88	0.006	86	50.82	0.004	71	50.17	0.004	109	50.83	0.006	96	50.675	0.005	0.019	0.096	6.02	0.58	
1292342	65	50.66	0.003	100	50.28	0.005	38	50.42	0.002	114	50.53	0.006	79	50.473	0.004	0.016	0.079	7.23	0.57	
1292343	43	50.52	0.002	80	50.79	0.004	80	50.14	0.004	109	50.26	0.005	78	50.428	0.004	0.016	0.078	5.62	0.44	
1292344	19	50.5	0.001	15	50.81	0.001	84	50.15	0.004	5	50.07	0.000	31	50.383	0.002	0.006	0.031	5.67	0.17	68.31
Mud-hole			[vertical channels]																	
1292345	9	50.35	0.000	34	50.58	0.002	21	50.91	0.001	25	50.06	0.001	22	50.475	0.001	0.005	0.022	5.79	0.13	
1292346	49	50.47	0.002	11	50.34	0.001	16	50.61	0.001	14	50.46	0.001	23	50.470	0.001	0.005	0.023	5.89	0.13	
1292347	3	50.11	0.000	8	50.3	0.000	6	50.51	0.000	3	50.08	0.000	5	50.250	0.000	0.001	0.005	7.25	0.04	
1292348	370	50.61	0.019	279	50.25	0.014	119	50.44	0.006	182	50.09	0.009	238	50.348	0.012	0.048	0.238	6.96	1.65	25.89

APPENDIX VII

Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Aug-14
Invoice No.: A14-05338 (i)
Invoice Date: 21-Aug-14
Your Reference:

Ginguro Exploration Ltd
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Dany Boilard

CERTIFICATE OF ANALYSIS

192 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code Weight Report-Tbay Received(kg) & Pulp(g) weights-Tbay

REPORT **A14-05338 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
1292301	31	50.2			4.29
1292302	6	50.0			2.73
1292303	46	50.8			4.10
1292304	2260	50.5			4.60
1292305	966	50.5			7.62
1292306	559	50.7			6.32
1292307	474	50.5			7.01
1292308	4450	30.3	3.28	30.46	7.22
1292309	329	50.0			6.24
1292310	20	50.7			4.44
1292311	37	50.5			7.12
1292312	143	50.4			5.55
1292313	36	50.8			5.24
1292314	3610	50.6	3.20	50.62	5.53
1292315	49	50.1			6.72
1292316	10	50.3			4.62
1292317	33	50.3			5.56
1292318	28	50.5			5.61
1292319	34	50.3			4.99
1292320	19	50.3			6.70
1292321	138	50.3			5.55
1292322	162	50.5			6.40
1292323	55	50.6			5.11
1292324	319	50.1			6.35
1292325	600	50.5			8.01
1292326	286	50.4			8.94
1292327	24	50.5			8.47
1292328	33	50.2			6.55
1292329	149	50.4			10.3
1292330	57	50.6			6.18
1292331	17	50.5			5.48
1292332	15	50.8			8.59
1292333	268	50.9			6.56
1292334	190	50.1			7.18
1292335	212	50.6			7.69
1292336	295	50.7			6.06
1292337	221	50.5			4.70
1292338	113	50.5			6.64
1292339	72	50.3			7.23
1292340	241	50.4			6.02
1292341	117	50.9			8.67
1292342	65	50.7			5.77
1292343	43	50.5			5.62
1292344	19	50.5			5.67
1292345	9	50.3			5.79
1292346	49	50.5			5.89
1292347	< 5	50.1			7.25
1292348	370	50.6			6.96

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
1292301-2	36	50.3			
1292302-2	9	50.3			
1292303-2	53	50.8			
1292304-2	2190	50.8			
1292305-2	1560	50.9			
1292306-2	840	50.7			
1292307-2	358	50.4			
1292308-2	3500	30.3	3.78	30.42	
1292309-2	320	50.5			
1292310-2	23	50.6			
1292311-2	14	50.2			
1292312-2	120	50.3			
1292313-2	14	50.7			
1292314-2	4320	50.5	4.38	50.93	
1292315-2	49	50.1			
1292316-2	9	50.1			
1292317-2	58	50.8			
1292318-2	24	50.2			
1292319-2	39	50.6			
1292320-2	25	50.1			
1292321-2	188	50.4			
1292322-2	173	50.1			
1292323-2	50	50.2			
1292324-2	239	50.2			
1292325-2	619	50.9			
1292326-2	237	50.3			
1292327-2	87	50.3			
1292328-2	24	50.8			
1292329-2	373	50.0			
1292330-2	74	50.4			
1292331-2	18	50.8			
1292332-2	23	50.4			
1292333-2	244	50.9			
1292334-2	414	50.2			
1292335-2	125	50.5			
1292336-2	233	50.7			
1292337-2	158	50.6			
1292338-2	153	50.3			
1292339-2	22	50.3			
1292340-2	218	50.9			
1292341-2	86	50.8			
1292342-2	100	50.3			
1292343-2	80	50.8			
1292344-2	15	50.8			
1292345-2	34	50.6			
1292346-2	11	50.3			
1292347-2	8	50.3			
1292348-2	279	50.3			
1292301-3	46	50.5			
1292302-3	7	50.4			

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
1292303-3	81	50.2			
1292304-3	1820	50.7			
1292305-3	1790	50.8			
1292306-3	325	50.6			
1292307-3	927	50.4			
1292308-3	4240	30.5	3.64	30.26	
1292309-3	486	50.3			
1292310-3	17	50.8			
1292311-3	12	50.9			
1292312-3	152	50.7			
1292313-3	24	50.2			
1292314-3	6910	50.3	6.25	50.05	
1292315-3	67	50.2			
1292316-3	< 5	50.8			
1292317-3	101	50.4			
1292318-3	45	50.4			
1292319-3	50	50.1			
1292320-3	19	50.9			
1292321-3	184	50.4			
1292322-3	101	50.2			
1292323-3	69	50.1			
1292324-3	182	50.2			
1292325-3	318	50.1			
1292326-3	450	50.6			
1292327-3	191	51.0			
1292328-3	195	50.7			
1292329-3	128	50.2			
1292330-3	36	50.8			
1292331-3	18	50.5			
1292332-3	9	50.1			
1292333-3	84	50.1			
1292334-3	383	50.4			
1292335-3	101	50.3			
1292336-3	349	50.7			
1292337-3	392	50.5			
1292338-3	135	50.3			
1292339-3	96	50.6			
1292340-3	247	50.5			
1292341-3	71	50.2			
1292342-3	38	50.4			
1292343-3	80	50.1			
1292344-3	84	50.2			
1292345-3	21	50.9			
1292346-3	16	50.6			
1292347-3	6	50.5			
1292348-3	119	50.4			
1292301-4	56	50.2			
1292302-4	10	50.5			
1292303-4	87	50.6			
1292304-4	3130	50.5	4.22	50.26	

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
1292305-4	911	50.8			
1292306-4	611	50.6			
1292307-4	454	50.3			
1292308-4	3520	31.0	3.58	30.46	
1292309-4	477	50.2			
1292310-4	12	50.2			
1292311-4	7	50.9			
1292312-4	113	50.5			
1292313-4	25	50.5			
1292314-4	6310	50.8	6.07	50.25	
1292315-4	66	50.2			
1292316-4	< 5	50.9			
1292317-4	53	50.2			
1292318-4	46	50.4			
1292319-4	56	50.5			
1292320-4	31	50.3			
1292321-4	123	50.2			
1292322-4	90	50.4			
1292323-4	68	50.1			
1292324-4	156	50.3			
1292325-4	197	50.5			
1292326-4	626	50.4			
1292327-4	196	50.3			
1292328-4	49	50.3			
1292329-4	110	51.0			
1292330-4	31	50.5			
1292331-4	17	50.7			
1292332-4	9	50.8			
1292333-4	88	50.5			
1292334-4	638	50.2			
1292335-4	255	50.2			
1292336-4	149	50.9			
1292337-4	182	50.4			
1292338-4	74	50.2			
1292339-4	66	50.7			
1292340-4	362	50.9			
1292341-4	109	50.8			
1292342-4	114	50.5			
1292343-4	109	50.3			
1292344-4	5	50.1			
1292345-4	25	50.1			
1292346-4	14	50.5			
1292347-4	< 5	50.1			
1292348-4	182	50.1			

QC

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
OxN92 Meas			7.56		
OxN92 Cert			7.64		
OxD108 Meas	417				
OxD108 Cert	414.000				
OxD108 Meas	438				
OxD108 Cert	414.000				
OxD108 Meas	447				
OxD108 Cert	414.000				
OxD108 Meas	465				
OxD108 Cert	414.000				
OxD108 Meas	448				
OxD108 Cert	414.000				
OxD108 Meas	464				
OxD108 Cert	414.000				
SF67 Meas	764				
SF67 Cert	835.000				
SF67 Meas	890				
SF67 Cert	835.000				
SF67 Meas	927				
SF67 Cert	835.000				
SF67 Meas	944				
SF67 Cert	835.000				
SF67 Meas	919				
SF67 Cert	835.000				
SF67 Meas	923				
SF67 Cert	835.000				
OxK110 Meas			3.33		
OxK110 Cert			3.602		
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.3			
Method Blank	< 5	50.3			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank			< 0.03	50.03	
Method Blank			< 0.03	50.25	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 08-Aug-14
Invoice No.: A14-05431 (i)
Invoice Date: 21-Aug-14
Your Reference:

Ginguro Exploration Ltd
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Dany Boilard

CERTIFICATE OF ANALYSIS

48 Crushed Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code Weight Report-Tbay Received(kg) & Pulp(g) weights-Tbay

REPORT **A14-05431 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
A024967	5280	50.4	5.63	50.29	2.34
A024968	4530	50.6	4.82	50.59	2.40
A024969	5650	50.5	4.69	50.06	2.26
A024970	4880	50.6	4.67	50.54	2.28
A024971	11600	30.3	9.46	50.09	2.66
A024972	11700	30.1	9.29	50.39	2.66
A024973	11400	30.8	10.4	50.50	2.47
A024974	11900	30.0	9.90	50.12	2.48
A024975	589	50.8			2.55
A024976	665	50.7			2.56
A024977	767	50.4			2.28
A024978	647	50.8			2.45
A024979	208	50.1			2.64
A024980	176	50.4			2.59
A024981	310	50.7			1.24
A024982	247	50.1			1.26
A024983	4110	50.4	3.52	50.04	1.06
A024984	4480	50.9	3.75	50.15	1.07
A024985	9530	30.1	8.60	50.61	1.59
A024986	9950	50.1	8.60	50.96	1.59
A024987	3290	50.3	2.75	50.20	1.39
A024988	2890	50.9			1.43
A024989	1460	50.6			1.41
A024990	1090	50.2			1.36
A024967-2	5290	50.5	4.89	50.94	
A024968-2	5450	50.5	4.67	50.53	
A024969-2	4740	50.7	4.52	50.41	
A024970-2	5020	50.7	4.97	50.32	
A024971-2	11100	30.6	9.42	50.52	
A024972-2	11500	30.7	10.4	50.75	
A024973-2	11500	30.7	9.78	50.11	
A024974-2	9870	30.4	8.84	50.48	
A024975-2	479	50.5			
A024976-2	511	50.7			
A024977-2	601	50.2			
A024978-2	550	50.3			
A024979-2	215	50.5			
A024980-2	174	50.7			
A024981-2	197	50.0			
A024982-2	328	50.6			
A024983-2	4760	50.2	4.00	50.56	
A024984-2	4060	50.4	4.07	50.35	
A024985-2	8810	30.5	8.32	50.63	
A024986-2	9140	50.5	8.75	50.29	
A024987-2	3210	50.6	2.93	50.10	
A024988-2	2960	50.8			
A024989-2	1860	50.9			
A024990-2	1720	50.7			

QC

Analyte Symbol	Au	Weight	Au	Weight	Received Weight
Unit Symbol	ppb	g	g/tonne	g	Kg
Detection Limit	5		0.03		
Analysis Method	FA-AA	FA-AA	FA-GRA	FA-GRA	none
OxN92 Meas			7.40		
OxN92 Cert			7.64		
OxD108 Meas	432				
OxD108 Cert	414.000				
OxD108 Meas	382				
OxD108 Cert	414.000				
SF67 Meas	778				
SF67 Cert	835.000				
SF67 Meas	924				
SF67 Cert	835.000				
OxK110 Meas			3.61		
OxK110 Cert			3.602		
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank	< 5	50.7			
Method Blank			< 0.03	30.24	
Method Blank			< 0.03	30.22	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 08-Aug-14
Invoice No.: A14-05454
Invoice Date: 26-Aug-14
Your Reference:

Ginguro Exploration Ltd
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Dany Boilard

CERTIFICATE OF ANALYSIS

312 Crushed Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Ginguro Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code Weight Report-Tbay Received(kg) & Pulp(g) weights-Tbay

REPORT **A14-05454**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1236901	1.19	6430	50.2	7.42	30.31
1236902	1.21	6580	50.9	5.55	30.44
1236903	2.28	9280	50.8	6.91	30.40
1236904	2.43	9760	50.8	10.2	30.49
1236905	2.39	2970	50.4		
1236906	2.41	3230	50.0	5.43	30.57
1236907	1.95	1780	50.2		
1236908	1.97	1600	50.9		
1236909	2.40	1390	50.4		
1236910	2.41	1320	50.3		
1236911	1.36	1250	51.0		
1236912	1.32	1350	50.9		
1236913	2.03	687	50.3		
1236914	1.93	752	50.3		
1236915	2.36	388	51.0		
1236916	2.30	329	50.2		
1236917	2.31	264	50.0		
1236918	2.41	201	50.7		
1236919	1.47	160	51.0		
1236920	1.52	165	50.7		
1236921	2.54	2470	50.4		
1236922	2.53	2390	51.0		
1236923	2.55	323	50.7		
1236924	2.41	372	50.3		
1236925	2.47	730	50.6		
1236926	2.53	484	50.2		
1236927	2.28	494	51.0		
1236928	2.24	390	50.8		
1236929	2.22	39	50.4		
1236930	2.26	167	50.3		
1236931	2.53	10	50.4		
1236932	2.57	32	50.6		
1236933	2.26	9	50.0		
1236934	2.31	8	50.5		
1236935	2.52	9	50.7		
1236936	2.54	21	50.2		
1236947	2.63	456	50.7		
1236948	2.95	533	50.4		
1236949	1.39	228	50.2		
1236950	1.45	139	50.4		
1236601	1.96	227	50.9		
1236602	1.93	349	50.5		
1236603	2.77	158	50.7		
1236604	2.75	74	50.5		
1236605	2.45	125	50.7		
1236606	2.40	31	50.3		
1236607	2.60	15	50.7		
1236608	2.64	48	50.7		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1236609	2.65	24	50.8		
1236610	2.64	21	50.5		
1236611	2.28	59	50.5		
1236612	2.25	29	50.1		
1236613	2.21	250	50.7		
1236614	2.27	181	50.5		
1236615	2.31	314	51.0		
1236616	2.25	350	50.9		
1236617	1.34	723	50.5		
1236618	1.42	871	50.3		
1236619	1.31	337	50.8		
1236620	1.32	426	50.8		
1236621	2.36	640	50.0		
1236622	2.11	462	50.9		
1236623	1.71	233	50.1		
1236624	1.70	210	50.4		
1236625	1.86	93	50.2		
1236626	1.79	236	50.5		
1236627	2.10	181	50.8		
1236628	2.12	129	50.8		
1236629	1.99	112	50.2		
1236630	2.01	416	50.8		
1236631	2.27	81	50.7		
1236632	2.24	96	50.8		
1236633	2.27	93	50.7		
1236634	2.29	114	50.8		
1236635	1.44	322	50.4		
1236636	1.34	649	50.2		
1236637	2.43	61	50.3		
1236638	2.48	120	50.6		
1236639	2.28	35	50.9		
1236640	2.27	6	50.3		
1236641	2.38	49	50.3		
1236642	2.39	16	51.0		
1236643	1.39	< 5	50.3		
1236644	1.36	6	50.4		
1236645	0.824	5	50.7		
1236646	0.876	< 5	50.8		
1236647	1.33	51	50.5		
1236648	1.28	57	50.4		
1236649	2.04	115	50.8		
1236650	2.09	97	50.6		
1236651	2.49	202	50.6		
1236652	2.50	188	50.5		
1236653	2.22	126	50.2		
1236654	2.22	157	50.3		
1236655	2.25	127	50.6		
1236656	2.27	140	50.2		
1236657	2.14	134	50.1		
1236658	2.13	169	50.7		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1236659	1.88	348	50.2		
1236660	1.98	21	50.6		
1236661	2.05	11	50.9		
1236662	2.02	14	50.5		
1236663	2.35	34	50.7		
1236664	2.36	10	50.7		
1236665	0.689	< 5	50.5		
1236666	0.659	< 5	50.5		
1236667	2.30	66	50.2		
1236668	2.22	55	50.9		
1236669	1.92	116	51.0		
1236670	1.87	109	50.3		
1236671	2.16	163	50.4		
1236672	2.21	232	30.8		
1236673	1.91	130	30.2		
1236674	1.92	151	30.1		
1236675	2.00	139	30.4		
1236676	1.98	124	50.4		
1236677	1.15	222	50.1		
1236678	1.17	316	50.5		
1236679	1.08	186	50.2		
1236680	1.10	169	50.3		
1236681	2.19	110	50.8		
1236682	2.21	129	50.5		
1236683	2.09	201	50.6		
1236684	2.12	77	50.2		
1236685	2.19	135	50.6		
1236686	2.16	71	50.6		
1236687	2.05	82	50.4		
1236688	2.00	116	50.6		
1236689	2.35	59	50.7		
1236690	2.39	65	50.7		
1236691	2.25	28	50.7		
1236692	2.23	39	50.5		
1236693	1.99	17	50.2		
1236694	1.98	18	50.2		
1236695	1.86	120	51.0		
1236696	1.89	19	50.4		
1236697	2.39	54	51.0		
1236698	2.42	82	50.2		
1236699	2.18	64	50.6		
1236700	2.22	63	50.6		
A024951	1.88	97	50.2		
A024952	1.92	116	50.8		
A024953	1.83	119	50.5		
A024954	1.81	239	50.3		
A024955	2.46	111	50.6		
A024956	2.42	137	50.3		
A024957	2.46	130	50.8		
A024958	2.33	157	50.8		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A024959	1.72	107	50.6		
A024960	1.67	127	50.1		
A024961	1.50	140	50.0		
A024962	1.57	144	50.5		
A024963	2.44	123	30.6		
A024964	2.43	106	50.4		
A024965	2.29	145	50.0		
A024966	2.26	123	30.8		
1236901-2		6050	50.5	6.32	30.69
1236902-2		6430	50.6	6.43	30.46
1236903-2		9600	50.9	7.91	30.86
1236904-2		9210	50.5	9.76	30.34
1236905-2		3050	50.6	3.75	30.48
1236906-2		3710	50.7	3.57	30.84
1236907-2		2520	50.3		
1236908-2		1600	50.9		
1236909-2		1600	50.1		
1236910-2		1510	50.4		
1236911-2		1150	50.6		
1236912-2		1080	50.3		
1236913-2		787	50.5		
1236914-2		762	50.5		
1236915-2		347	50.4		
1236916-2		435	50.4		
1236917-2		244	50.3		
1236918-2		185	50.3		
1236919-2		338	50.2		
1236920-2		437	50.3		
1236921-2		2540	50.4		
1236922-2		2410	50.3		
1236923-2		644	50.7		
1236924-2		557	50.8		
1236925-2		925	50.5		
1236926-2		508	51.0		
1236927-2		391	50.5		
1236928-2		449	50.5		
1236929-2		105	50.7		
1236930-2		110	50.5		
1236931-2		111	50.0		
1236932-2		46	50.6		
1236933-2		11	50.9		
1236934-2		13	50.5		
1236935-2		14	50.2		
1236936-2		12	50.4		
1236947-2		519	50.4		
1236948-2		608	50.8		
1236949-2		211	50.4		
1236950-2		133	50.8		
1236601-2		187	50.1		
1236602-2		384	50.7		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1236603-2		108	50.3		
1236604-2		81	51.0		
1236605-2		55	50.1		
1236606-2		48	50.7		
1236607-2		11	50.5		
1236608-2		11	50.8		
1236609-2		61	50.9		
1236610-2		15	50.5		
1236611-2		32	50.9		
1236612-2		28	50.5		
1236613-2		56	50.8		
1236614-2		88	50.8		
1236615-2		532	50.5		
1236616-2		421	50.9		
1236617-2		851	50.5		
1236618-2		748	50.7		
1236619-2		544	50.0		
1236620-2		329	50.7		
1236621-2		571	50.7		
1236622-2		384	50.3		
1236623-2		209	50.8		
1236624-2		190	50.5		
1236625-2		129	50.5		
1236626-2		127	50.2		
1236627-2		94	50.2		
1236628-2		137	50.5		
1236629-2		83	50.5		
1236630-2		87	50.7		
1236631-2		87	50.1		
1236632-2		73	50.4		
1236633-2		80	50.5		
1236634-2		82	50.3		
1236635-2		372	50.3		
1236636-2		403	50.8		
1236637-2		51	50.8		
1236638-2		312	50.6		
1236639-2		24	50.1		
1236640-2		11	50.7		
1236641-2		48	50.5		
1236642-2		17	50.2		
1236643-2		< 5	50.1		
1236644-2		5	50.8		
1236645-2		< 5	50.9		
1236646-2		< 5	50.3		
1236647-2		65	50.4		
1236648-2		67	50.3		
1236649-2		105	50.1		
1236650-2		103	50.3		
1236651-2		209	50.6		
1236652-2		225	50.7		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1236653-2		141	50.2		
1236654-2		122	50.4		
1236655-2		125	50.7		
1236656-2		134	50.7		
1236657-2		188	50.7		
1236658-2		146	50.8		
1236659-2		32	51.0		
1236660-2		21	50.9		
1236661-2		14	50.5		
1236662-2		15	50.5		
1236663-2		21	50.0		
1236664-2		11	50.7		
1236665-2		< 5	50.7		
1236666-2		< 5	50.2		
1236667-2		58	50.3		
1236668-2		65	50.6		
1236669-2		117	50.5		
1236670-2		101	50.5		
1236671-2		209	50.6		
1236672-2		163	30.5		
1236673-2		153	30.9		
1236674-2		141	30.9		
1236675-2		145	30.4		
1236676-2		116	50.2		
1236677-2		166	50.6		
1236678-2		413	50.7		
1236679-2		156	50.7		
1236680-2		210	50.6		
1236681-2		62	50.7		
1236682-2		89	50.3		
1236683-2		117	50.0		
1236684-2		289	50.9		
1236685-2		314	51.0		
1236686-2		59	50.0		
1236687-2		82	50.5		
1236688-2		85	50.3		
1236689-2		20	51.0		
1236690-2		47	50.7		
1236691-2		26	50.2		
1236692-2		40	50.9		
1236693-2		18	50.8		
1236694-2		32	50.4		
1236695-2		24	50.3		
1236696-2		20	50.1		
1236697-2		52	50.6		
1236698-2		57	50.5		
1236699-2		75	50.5		
1236700-2		58	50.4		
A024951-2		87	50.2		
A024952-2		118	50.6		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A024953-2		87	50.2		
A024954-2		104	50.1		
A024955-2		119	50.4		
A024956-2		121	50.2		
A024957-2		152	50.9		
A024958-2		144	50.4		
A024959-2		167	50.7		
A024960-2		131	50.6		
A024961-2		110	50.5		
A024962-2		152	50.6		
A024963-2		119	30.4		
A024964-2		91	50.7		
A024965-2		119	50.7		
A024966-2		107	30.7		

QC

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
OxN92 Meas				7.44	
OxN92 Cert				7.64	
OxD108 Meas		402			
OxD108 Cert		414.000			
OxD108 Meas		438			
OxD108 Cert		414.000			
OxD108 Meas		416			
OxD108 Cert		414.000			
OxD108 Meas		442			
OxD108 Cert		414.000			
OxD108 Meas		393			
OxD108 Cert		414.000			
OxD108 Meas		449			
OxD108 Cert		414.000			
OxD108 Meas		445			
OxD108 Cert		414.000			
OxD108 Meas		452			
OxD108 Cert		414.000			
OxD108 Meas		433			
OxD108 Cert		414.000			
SF67 Meas		831			
SF67 Cert		835.000			
SF67 Meas		923			
SF67 Cert		835.000			
SF67 Meas		912			
SF67 Cert		835.000			
SF67 Meas		769			
SF67 Cert		835.000			
SF67 Meas		836			
SF67 Cert		835.000			
SF67 Meas		939			
SF67 Cert		835.000			
SF67 Meas		746			
SF67 Cert		835.000			
SF67 Meas		759			
SF67 Cert		835.000			
SF67 Meas		897			
SF67 Cert		835.000			
OxK110 Meas				3.48	
OxK110 Cert				3.602	
1236905-2 Orig				4.31	30.84
1236905-2 Dup				3.19	30.12
Method Blank		< 5	50.1		
Method Blank		< 5	50.5		
Method Blank		< 5	50.4		
Method Blank		< 5	50.0		
Method Blank		< 5	50.5		
Method Blank		< 5	50.7		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
Method Blank		< 5	50.9		
Method Blank		< 5	50.7		
Method Blank		< 5	50.3		
Method Blank		< 5	50.2		
Method Blank		< 5	50.5		
Method Blank		< 5	50.9		
Method Blank		< 5	50.5		
Method Blank		< 5	50.7		
Method Blank		< 5	50.2		
Method Blank		< 5	50.5		
Method Blank		< 5	50.4		
Method Blank		< 5	50.5		
Method Blank				< 0.03	30.18
Method Blank				< 0.03	30.21

Quality Analysis ... *Innovative Technologies*

Date Submitted: 14-Aug-14
Invoice No.: A14-05582
Invoice Date: 26-Aug-14
Your Reference:

Ginguro Exploration Ltd
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Dany Boilard

CERTIFICATE OF ANALYSIS

24 Crushed Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Ginguro Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code Weight Report-Tbay Received(kg) & Pulp(g) weights-Tbay

REPORT **A14-05582**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
1292349	1.34	1770	50.0		
1292350	1.29	1880	50.2		
1236937	1.91	3600	50.5	3.80	30.77
1236938	2.02	4090	50.8	4.25	30.56
1236939	1.55	643	50.8		
1236940	1.52	965	51.0		
1236941	1.89	1010	50.8		
1236942	2.02	1020	50.2		
1236943	1.60	5030	50.9	4.79	30.25
1236944	1.61	5740	50.6	4.79	30.92
1236945	1.58	9990	50.2	10.5	30.40
1236946	1.41	10200	50.4	10.4	30.23
1292349-2		2170	50.7		
1292350-2		1910	50.9		
1236937-2		4190	50.9	3.56	30.36
1236938-2		4460	50.5	4.66	30.91
1236939-2		761	50.6		
1236940-2		658	50.1		
1236941-2		935	50.3		
1236942-2		1120	50.4		
1236943-2		5380	50.8	4.88	30.64
1236944-2		5060	50.8	5.87	30.69
1236945-2		10300	50.6	8.85	30.62
1236946-2		9330	50.4	10.3	30.80

QC

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
OxN92 Meas				7.44	
OxN92 Cert				7.64	
OxD108 Meas		401			
OxD108 Cert		414.000			
SF67 Meas		926			
SF67 Cert		835.000			
OxK110 Meas				3.48	
OxK110 Cert				3.602	
1236943-2 Orig				5.10	30.76
1236943-2 Dup				4.65	30.52
Method Blank		< 5	50.6		
Method Blank		< 5	50.5		
Method Blank				< 0.03	30.18
Method Blank				< 0.03	30.21

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Sep-14
Invoice No.: A14-06319
Invoice Date: 19-Sep-14
Your Reference:

Ginguro Exploration Ltd
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Dany Boilard

CERTIFICATE OF ANALYSIS

424 Crushed Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Sudbury Ginguro Au - Fire Assay AA
Code 1A3-Sudbury Ginguro Au - Fire Assay Gravimetric

REPORT **A14-06319**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1010 Lorne Street Unit West 4, Sudbury, Ontario, Canada, P3C 4R9
TELEPHONE +705 586-3288 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Sudbury@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A024991	1.45	6280	30.0	6.25	30.09
A024991-2		7730	30.2	6.81	30.09
A024992	1.48	7880	30.1	7.60	30.12
A024992-2		7870	30.1	8.70	30.11
A024993	1.74	1170	30.2		
A024993-2		854	30.1		
A024994	1.50	1050	30.1		
A024994-2		1540	30.1		
A024995	0.926	258	30.1		
A024995-2		348	30.0		
A024996	0.828	2250	30.1		
A024996-2		288	30.0		
A024997	1.22	675	30.1		
A024997-2		547	30.0		
A024998	1.08	797	30.1		
A024998-2		458	30.0		
A024999	1.11	3360	30.0	3.42	30.13
A024999-2		3260	30.0	2.92	30.15
A025000	0.984	3620	30.2	3.66	30.02
A025000-2		3530	30.1	4.13	30.04
A085801	1.00	1500	30.0		
A085801-2		1610	30.0		
A085802	0.860	1140	30.2		
A085802-2		982	30.1		
A085803	0.906	625	30.0		
A085803-2		1360	30.1		
A085804	0.840	488	30.1		
A085804-2		451	30.1		
A085805	0.886	473	30.0		
A085805-2		472	30.1		
A085806	0.818	518	30.1		
A085806-2		590	30.1		
A085807	0.974	3790	30.1	3.15	30.18
A085807-2		2550	30.2		
A085808	0.764	3490	30.2	3.05	30.17
A085808-2		2380	30.0		
A085809	1.11	5050	30.1	3.39	30.08
A085809-2		3550	30.1	4.66	30.05
A085810	1.04	4980	30.1	3.92	30.10
A085810-2		4180	30.0	4.74	30.17
A085811	0.906	3070	30.2	3.12	30.15
A085811-2		2970	30.0		
A085812	0.748	2850	30.1		
A085812-2		3250	30.2	3.23	30.02
A085813	0.952	354	30.1		
A085813-2		296	30.1		
A085814	0.818	704	30.1		
A085814-2		588	30.2		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A085815	0.944	585	30.2		
A085815-2		517	30.0		
A085816	0.788	720	30.1		
A085816-2		687	30.1		
A085817	0.908	601	30.0		
A085817-2		633	30.1		
A085818	0.762	548	30.0		
A085818-2		519	30.1		
A085819	0.950	1190	30.1		
A085819-2		966	30.1		
A085820	0.866	991	30.1		
A085820-2		1050	30.1		
A085821	1.28	188	30.0		
A085821-2		163	30.1		
A085822	1.11	231	30.0		
A085822-2		197	30.1		
A085823	0.810	256	30.0		
A085823-2		293	30.1		
A085824	0.636	171	30.1		
A085824-2		155	30.2		
A085825	0.206	476	30.2		
A085825-2		440	30.2		
A085826	0.186	392	30.2		
A085826-2		409	30.1		
A085827	1.19	260	30.1		
A085827-2		159	30.0		
A085828	0.946	207	30.3		
A085828-2		178	30.3		
A085829	0.948	249	30.2		
A085829-2		225	30.1		
A085830	1.42	366	30.0		
A085830-2		162	30.2		
A085831	0.954	154	30.2		
A085831-2		178	30.0		
A085832	1.46	494	30.2		
A085832-2		153	30.1		
A085833	0.944	792	30.2		
A085833-2		554	30.0		
A085834	0.628	702	30.2		
A085834-2		892	30.1		
A085835	0.954	4660	30.2	7.12	30.07
A085835-2		5310	30.2	4.37	30.01
A085836	1.40	5770	30.2	5.65	30.07
A085836-2		4510	30.0	6.56	30.10
A085837	0.936	2610	30.1		
A085837-2		3620	30.1	2.99	30.10
A085838	0.748	2360	30.2		
A085838-2		2860	30.2		
A085839	1.32	313	30.1		
A085839-2		276	30.2		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A085840	1.16	217	30.2		
A085840-2		281	30.3		
A085841	1.14	25	30.2		
A085841-2		62	30.1		
A085842	0.952	115	30.2		
A085842-2		39	30.1		
A085843	1.38	127	30.3		
A085843-2		89	30.1		
A085844	1.20	96	30.3		
A085844-2		71	30.0		
A085845	0.838	406	30.0		
A085845-2		160	30.1		
A085846	0.740	188	30.1		
A085846-2		351	30.4		
A085847	0.856	135	30.3		
A085847-2		94	30.3		
A085848	0.716	207	30.3		
A085848-2		145	30.4		
A085849	0.850	325	30.2		
A085849-2		555	30.0		
A085850	1.42	642	30.3		
A085850-2		285	30.2		
A085851	1.33	9320	30.3	9.97	30.08
A085851-2		10300	30.3	9.57	30.09
A085852	1.17	9430	30.2	6.88	30.07
A085852-2		8450	30.0	7.76	30.03
A085853	1.56	4010	30.2	2.96	30.10
A085853-2		3700	30.3	3.09	30.13
A085854	1.32	3480	30.2	3.70	30.23
A085854-2		3180	30.4	3.15	30.14
A085855	1.05	6130	30.2	4.40	30.11
A085855-2		3740	30.2	9.59	30.03
A085856	0.932	2840	30.1		
A085856-2		2460	30.2		
A085857	1.24	46	30.3		
A085857-2		88	30.1		
A085858	1.04	43	30.1		
A085858-2		64	30.1		
A085859	0.848	9	30.1		
A085859-2		7	30.2		
A085860	1.11	11	30.2		
A085860-2		79	30.1		
A085861	1.02	22	30.0		
A085861-2		19	30.1		
A085862	1.41	9	30.0		
A085862-2		27	30.2		
A085863	1.15	< 5	30.2		
A085863-2		8	30.1		
A085864	0.996	< 5	30.1		
A085864-2		20	30.1		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A085865	0.826	< 5	30.1		
A085865-2		< 5	30.1		
A085866	1.21	< 5	30.1		
A085866-2		6	30.2		
A085867	1.03	5	30.0		
A085867-2		< 5	30.1		
A085868	1.48	11	30.1		
A085868-2		11	30.1		
A085869	1.05	33	30.1		
A085869-2		270	30.0		
A085870	0.974	43	30.1		
A085870-2		221	30.2		
A085871	0.822	200	30.2		
A085871-2		115	30.1		
A085872	1.26	321	30.0		
A085872-2		158	30.1		
A085873	1.30	170	30.2		
A085873-2		125	30.1		
A085874	1.05	56	30.2		
A085874-2		81	30.1		
A085875	1.43	147	30.0		
A085875-2		190	30.1		
A085876	1.17	84	30.1		
A085876-2		127	30.2		
A085877	1.21	1140	30.2		
A085877-2		2300	30.1		
A085878	1.11	915	30.1		
A085878-2		886	30.1		
A085879	1.08	26	30.4		
A085879-2		26	30.3		
A085880	1.00	45	30.2		
A085880-2		13	30.2		
A085881	1.20	15	30.1		
A085881-2		25	30.1		
A085882	1.06	18	30.2		
A085882-2		22	30.0		
A085883	1.14	6	30.3		
A085883-2		14	30.2		
A085884	1.03	< 5	30.1		
A085884-2		< 5	30.2		
A085885	1.27	16	30.1		
A085885-2		23	30.0		
A085886	1.15	43	30.0		
A085886-2		16	30.2		
A085887	1.26	103	30.0		
A085887-2		16	30.1		
A085888	1.14	49	30.2		
A085888-2		19	30.2		
A085889	1.15	26	30.3		
A085889-2		175	30.2		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A085890	1.01	70	30.2		
A085890-2		70	30.0		
A085891	1.18	299	30.2		
A085891-2		472	30.0		
A085892	1.07	140	30.0		
A085892-2		120	30.0		
A085893	1.15	68	30.0		
A085893-2		56	30.0		
A085894	0.994	60	30.0		
A085894-2		59	30.0		
A085895	1.26	21	30.0		
A085895-2		93	30.0		
A085896	1.07	27	30.0		
A085896-2		52	30.1		
A085897	1.44	200	30.0		
A085897-2		19	30.0		
A085898	1.03	60	30.0		
A085898-2		96	30.1		
A085899	1.30	21	30.0		
A085899-2		22	30.1		
A085900	1.06	176	30.0		
A085900-2		104	30.0		
A085901	1.26	9	30.1		
A085901-2		8	30.0		
A085902	1.12	38	30.0		
A085902-2		16	30.0		
W1236551	1.06	966	30.0		
W1236551-2		1270	30.1		
W1236552	1.03	1800	30.0		
W1236552-2		1820	30.1		
W1236553	1.11	2020	30.1		
W1236553-2		2260	30.0		
W1236554	1.16	2130	30.0		
W1236554-2		2320	30.1		
W1236555	1.12	4460	30.0	4.83	30.05
W1236555-2		5220	30.1	4.70	30.23
W1236556	1.22	3790	30.1	3.86	30.03
W1236556-2		4030	30.0	4.58	30.16
W1236557	1.16	517	30.1		
W1236557-2		304	30.0		
W1236558	1.18	325	30.1		
W1236558-2		357	30.0		
W1236559	0.938	3930	30.1	2.62	30.17
W1236559-2		2520	30.1		
W1236560	0.922	2340	30.1		
W1236560-2		2290	30.0		
W1236561	1.34	3200	30.1	2.82	30.18
W1236561-2		2560	30.1		
W1236562	1.43	2670	30.1		
W1236562-2		1580	30.0		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
W1236563	1.19	891	30.1		
W1236563-2		1190	30.0		
W1236564	1.21	1430	30.0		
W1236564-2		1240	30.0		
W1236565	1.08	449	30.1		
W1236565-2		473	30.0		
W1236566	1.24	722	30.0		
W1236566-2		453	30.0		
W1236567	1.07	1130	30.0		
W1236567-2		1730	30.1		
W1236568	1.18	2790	30.0		
W1236568-2		2870	30.0		
W1236569	1.18	300	30.0		
W1236569-2		273	30.0		
W1236570	1.34	309	30.0		
W1236570-2		428	30.0		
W1236571	1.37	154	30.1		
W1236571-2		323	30.0		
W1236572	1.50	152	30.1		
W1236572-2		90	30.1		
W1236573	0.882	344	30.1		
W1236573-2		243	30.1		
W1236574	0.734	252	30.2		
W1236574-2		476	30.2		
W1236575	1.55	962	30.3		
W1236575-2		748	30.2		
W1236576	0.868	740	30.1		
W1236576-2		712	30.3		
W1236577	1.56	976	30.3		
W1236577-2		724	30.2		
W1236578	1.72	805	30.2		
W1236578-2		712	30.3		
W1236579	0.982	440	30.1		
W1236579-2		391	30.1		
W1236580	1.05	310	30.2		
W1236580-2		358	30.3		
W1236581	0.272	546	30.1		
W1236581-2		748	30.1		
W1236582	0.338	365	30.2		
W1236582-2		386	30.2		
W1236583	0.870	102	30.0		
W1236583-2		86	30.0		
W1236584	0.982	150	30.0		
W1236584-2		321	30.3		
W1236585	1.13	155	30.2		
W1236585-2		96	30.0		
W1236586	1.21	150	30.0		
W1236586-2		68	30.3		
W1236587	1.03	19	30.2		
W1236587-2		16	30.4		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
W1236588	1.13	21	30.0		
W1236588-2		15	30.2		
W1236589	1.14	238	30.3		
W1236589-2		134	30.2		
W1236590	1.18	161	30.2		
W1236590-2		350	30.3		
W1236591	0.986	84	30.0		
W1236591-2		117	30.1		
W1236592	1.06	98	30.1		
W1236592-2		108	30.1		
W1236593	1.00	59	30.3		
W1236593-2		78	30.1		
W1236594	1.05	54	30.2		
W1236594-2		55	30.2		
W1236595	0.896	384	30.0		
W1236595-2		412	30.2		
W1236596	0.964	367	30.1		
W1236596-2		317	30.1		
W1236597	1.58	2620	30.2		
W1236597-2		1830	30.2		
W1236598	0.800	2560	30.3		
W1236598-2		2100	30.1		
W1236599	0.646	4340	30.2	3.69	30.08
W1236599-2		4540	30.3	3.29	30.08
W1236600	0.688	2180	30.1		
W1236600-2		2860	30.1		
W1236951	0.814	42	30.3		
W1236951-2		40	30.0		
W1236952	0.868	48	30.1		
W1236952-2		63	30.1		
W1236953	0.712	42	30.1		
W1236953-2		79	30.3		
W1236954	0.770	35	30.3		
W1236954-2		49	30.0		
W1236955	1.08	22	30.1		
W1236955-2		23	30.1		
W1236956	1.22	17	30.1		
W1236956-2		15	30.2		
W1236957	1.44	24	30.2		
W1236957-2		19	30.0		
W1236958	1.57	6	30.0		
W1236958-2		13	30.1		
W1236959	1.38	7	30.2		
W1236959-2		15	30.2		
W1236960	1.52	34	30.2		
W1236960-2		18	30.3		
W1236961	1.21	7	30.2		
W1236961-2		12	30.1		
W1236962	1.39	10	30.1		
W1236962-2		12	30.1		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
W1236963	0.862	10	30.3		
W1236963-2		18	30.2		
W1236964	0.962	8	30.2		
W1236964-2		8	30.2		
W1236965	1.59	71	30.2		
W1236965-2		23	30.2		
W1236966	0.814	26	30.2		
W1236966-2		100	30.1		
W1236967	1.56	42	30.2		
W1236967-2		124	30.2		
W1236968	0.866	77	30.0		
W1236968-2		57	30.1		
W1236969	0.810	10	30.0		
W1236969-2		39	30.1		
W1236970	0.926	10	30.1		
W1236970-2		18	30.3		
W1236971	0.936	< 5	30.2		
W1236971-2		< 5	30.0		
W1236972	0.950	7	30.3		
W1236972-2		6	30.2		
W1236973	1.25	5	30.1		
W1236973-2		62	30.0		
W1236974	1.37	7	30.1		
W1236974-2		13	30.0		
W1236975	0.896	13	30.0		
W1236975-2		10	30.0		
W1236976	0.982	9	30.1		
W1236976-2		< 5	30.1		
W1236977	0.816	37	30.2		
W1236977-2		44	30.1		
W1236978	0.854	43	30.0		
W1236978-2		32	30.0		
W1236979	0.966	106	30.1		
W1236979-2		102	30.2		
W1236980	0.964	102	30.0		
W1236980-2		133	30.0		
W1236981	1.02	57	30.0		
W1236981-2		43	30.0		
W1236982	0.920	38	30.1		
W1236982-2		43	30.0		
W1236983	0.724	26	30.1		
W1236983-2		52	30.1		
W1236984	0.818	22	30.0		
W1236984-2		37	30.1		
W1236985	0.798	35	30.2		
W1236985-2		55	30.1		
W1236986	0.886	53	30.1		
W1236986-2		58	30.0		
W1236987	1.43	41	30.1		
W1236987-2		30	30.1		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
W1236988	0.916	23	30.1		
W1236988-2		98	30.1		
W1236989	0.820	15	30.2		
W1236989-2		21	30.2		
W1236990	0.950	13	30.1		
W1236990-2		8	30.1		
W1236991	0.710	60	30.2		
W1236991-2		58	30.1		
W1236992	0.740	63	30.0		
W1236992-2		43	30.1		
W1236993	1.46	48	30.1		
W1236993-2		97	30.2		
W1236994	1.53	54	30.1		
W1236994-2		98	30.1		
W1236995	0.762	64	30.1		
W1236995-2		88	30.1		
W1236996	1.15	53	30.2		
W1236996-2		70	30.2		
W1236997	1.49	6	30.0		
W1236997-2		6	30.0		
W1236998	0.872	6	30.2		
W1236998-2		< 5	30.1		
W1236999	0.990	< 5	30.1		
W1236999-2		5	30.0		
W1237000	0.856	< 5	30.1		
W1237000-2		< 5	30.1		

QC

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
OXK94 Meas				3.60	
OXK94 Cert				3.56	
OXK94 Meas				3.43	
OXK94 Cert				3.56	
OXL93 Meas				5.86	
OXL93 Cert				5.84	
OXL93 Meas				5.86	
OXL93 Cert				5.84	
OxD108 Meas		420			
OxD108 Cert		414.000			
OxD108 Meas		411			
OxD108 Cert		414.000			
OxD108 Meas		418			
OxD108 Cert		414.000			
OxD108 Meas		405			
OxD108 Cert		414.000			
OxD108 Meas		421			
OxD108 Cert		414.000			
OxD108 Meas		412			
OxD108 Cert		414.000			
OxD108 Meas		423			
OxD108 Cert		414.000			
OxD108 Meas		418			
OxD108 Cert		414.000			
OxD108 Meas		433			
OxD108 Cert		414.000			
OxD108 Meas		428			
OxD108 Cert		414.000			
OxD108 Meas		407			
OxD108 Cert		414.000			
OxD108 Meas		411			
OxD108 Cert		414.000			
OxD108 Meas		396			
OxD108 Cert		414.000			
SG66 Meas		1050			
SG66 Cert		1090			
SG66 Meas		1080			
SG66 Cert		1090			
SG66 Meas		1060			
SG66 Cert		1090			
SG66 Meas		1080			
SG66 Cert		1090			
SG66 Meas		1110			
SG66 Cert		1090			
SG66 Meas		1050			
SG66 Cert		1090			
SG66 Meas		1050			
SG66 Cert		1090			

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
SG66 Meas		1040			
SG66 Cert		1090			
SG66 Meas		1130			
SG66 Cert		1090			
SG66 Meas		1040			
SG66 Cert		1090			
SG66 Meas		1070			
SG66 Cert		1090			
SG66 Meas		1060			
SG66 Cert		1090			
SG66 Meas		1050			
SG66 Cert		1090			
A024995-2 Orig		289	30.1		
A024995-2 Dup		407	30.0		
A025000-2 Orig		3840	30.1		
A025000-2 Dup		3210	30.0		
A085805-2 Orig		472	30.1		
A085805-2 Split		490	30.1		
A085805-2 Orig		399	30.0		
A085805-2 Dup		546	30.1		
A085808 Orig				3.02	30.15
A085808 Dup				3.08	30.19
A085812-2 Orig		3080	30.2		
A085812-2 Dup		3410	30.2		
A085815-2 Orig		517	30.0		
A085815-2 Split		692	30.0		
A085817-2 Orig		737	30.1		
A085817-2 Dup		529	30.1		
A085820-2 Orig		1050	30.1		
A085820-2 Split		1180	30.2		
A085822-2 Orig		258	30.2		
A085822-2 Dup		136	30.0		
A085829 Orig		236	30.2		
A085829 Dup		262	30.2		
A085834 Orig		723	30.3		
A085834 Dup		682	30.1		
A085835-2 Orig		5310	30.2	4.37	30.01
A085835-2 Split		6070	30.4	4.28	30.15
A085836-2 Orig				7.16	30.02
A085836-2 Dup				5.97	30.17
A085839 Orig		439	30.1		
A085839 Dup		187	30.1		
A085840-2 Orig		281	30.3		
A085840-2 Split		198	30.2		
A085845-2 Orig		173	30.1		
A085845-2 Dup		146	30.2		
A085850-2 Orig		285	30.2		
A085850-2 Split		216	30.2		
A085850-2 Orig		216	30.2		
A085850-2 Dup		354	30.2		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
A085855 Orig				3.92	30.13
A085855 Dup				4.89	30.09
A085855-2 Orig		4140	30.2		
A085855-2 Dup		3340	30.3		
A085862-2 Orig		12	30.1		
A085862-2 Dup		41	30.2		
A085865-2 Orig		< 5	30.1		
A085865-2 Split		< 5	30.2		
A085867-2 Orig		< 5	30.2		
A085867-2 Dup		10	30.0		
A085872-2 Orig		146	30.2		
A085872-2 Dup		170	30.0		
A085879-2 Orig		15	30.3		
A085879-2 Dup		37	30.2		
A085880-2 Orig		13	30.2		
A085880-2 Split		166	30.0		
A085884-2 Orig		< 5	30.2		
A085884-2 Dup		< 5	30.2		
A085889-2 Orig		198	30.0		
A085889-2 Dup		153	30.3		
A085890-2 Orig		70	30.0		
A085890-2 Split		33	30.3		
A085895-2 Orig		93	30.0		
A085895-2 Split		50	30.1		
A085896 Orig		28	30.0		
A085896 Dup		27	30.0		
A085901 Orig		9	30.0		
A085901 Dup		9	30.1		
W1236554 Orig		2060	30.0		
W1236554 Dup		2200	30.0		
W1236558-2 Orig		357	30.0		
W1236558-2 Split		442	30.1		
W1236561 Orig		3610	30.1		
W1236561 Dup		2780	30.1		
W1236563-2 Orig		1190	30.0		
W1236563-2 Split		940	30.0		
W1236566 Orig		875	30.0		
W1236566 Dup		568	30.0		
W1236571 Orig		216	30.1		
W1236571 Dup		92	30.1		
W1236573-2 Orig		243	30.1		
W1236573-2 Split		161	30.2		
W1236577-2 Orig		750	30.1		
W1236577-2 Dup		698	30.3		
W1236582-2 Orig		335	30.1		
W1236582-2 Dup		436	30.3		
W1236587-2 Orig		15	30.5		
W1236587-2 Dup		17	30.4		
W1236588-2 Orig		15	30.2		
W1236588-2 Split		14	30.3		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
W1236594 Orig		53	30.2		
W1236594 Dup		56	30.2		
W1236599 Orig		5080	30.2		
W1236599 Dup		3590	30.2		
W1236953-2 Orig		79	30.3		
W1236953-2 Split		46	30.1		
W1236954 Orig		34	30.3		
W1236954 Dup		37	30.3		
W1236961 Orig		7	30.1		
W1236961 Dup		7	30.2		
W1236963-2 Orig		18	30.2		
W1236963-2 Split		8	30.0		
W1236966 Orig		20	30.3		
W1236966 Dup		32	30.1		
W1236968-2 Orig		57	30.1		
W1236968-2 Split		119	30.0		
W1236971 Orig		8	30.2		
W1236971 Dup		< 5	30.2		
W1236977-2 Orig		34	30.2		
W1236977-2 Dup		54	30.1		
W1236982-2 Orig		38	30.0		
W1236982-2 Dup		48	30.0		
W1236983-2 Orig		52	30.1		
W1236983-2 Split		22	30.0		
W1236987-2 Orig		26	30.0		
W1236987-2 Dup		34	30.2		
W1236988-2 Orig		98	30.1		
W1236988-2 Split		26	30.0		
W1236994 Orig		48	30.2		
W1236994 Dup		61	30.0		
W1236998-2 Orig		< 5	30.1		
W1236998-2 Split		6	30.1		
W1236999 Orig		< 5	30.1		
W1236999 Dup		6	30.1		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		

Analyte Symbol	Received Weight	Au	Weight	Au	Weight
Unit Symbol	Kg	ppb	g	g/tonne	g
Detection Limit		5		0.03	
Analysis Method	none	FA-AA	FA-AA	FA-GRA	FA-GRA
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank		< 5	30.0		
Method Blank				< 0.03	30.00
Method Blank				< 0.03	30.00
Method Blank				< 0.03	30.00
Method Blank				< 0.03	30.00

APPENDIX VIII

List of Hammer Drill Holes

List of Hammer Drill Holes

Pilot Hole BQTK	UTM co-ordinates	Hammer Drill Hole	Length m	Date Completed	Number of Samples
PD-14-01	556182E 5182970N	PD-14-01-N	4.5	22/07/14	9
		PD-14-01-E	2.0	22/07/14	4
		PD-14-01-S	2.0	22/07/14	4
		PD-14-01-W	2.0	22/07/14	4
PD-14-03	556166E 5182977N	PD-14-03-N	3.5	23/07/14	7
		PD-14-03-E	4.0	23/07/14	8
		PD-14-03-S	3.0	23/07/14	6
		PD-14-03-W	1.5	23/07/14	3
PD-14-04	556184E 5182956N	PD-14-04-N	4.0	23/07/14	8
		PD-14-04-E	3.0	23/07/14	6
		PD-14-04-S	2.5	23/07/14	5
		PD-14-04-W	3.5	23/07/14	7
PD-14-08	556593E 5183351N	PD-14-08-N	13.5	23/07/14	27
		PD-14-08-E	11.0	24/07/14	22
		PD-14-08-S	11.0	24/07/14	22
		PD-14-08-W	11.0	24/07/14	22
PD-14-10	556563E 5183398N	PD-14-10-N	13.5	25/07/14	27
		PD-14-10-E	11.5	25/07/14	23
		PD-14-10-S	11.5	25/07/14	23
		PD-14-10-W	11.5	25/07/14	23
PD-14-11	556571E 5183437N	PD-14-11-N	12.5	25/07/14	25
		PD-14-11-E	11.0	28/07/14	22
		PD-14-11-S	11.0	28/07/14	22
		PD-14-11-W	11.0	28/07/14	22

Field Drill Log

vendredi 12 septembre 2014

17:55:43

Hammer Drill	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Front	Seal Number Rear	Quartz	Pyrite	Oxidation
PD-14-01-N	1	0	0.5	PD-14-01-N-1	Silts	Dusty Dry	Gray	7562102	7562101	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-01-N	2	0.5	1	PD-14-01-N-2	Silts	Dusty Dry	Gray	7562104	7562103	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-01-N	3	1	1.5	PD-14-01-N-3	Silts	Dusty Dry	Gray	7562106	7562105	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-N	4	1.5	2	PD-14-01-N-4	Silts	Dusty Dry	Gray	7562108	7562107	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-01-N	5	2	2.5	PD-14-01-N-5	Silts	Dusty Dry	Gray	7562110	7562109	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-01-N	6	2.5	3	PD-14-01-N-6	Silts	Dusty Dry	Gray	7562112	7562111	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-N	7	3	3.5	PD-14-01-N-7	Silts	Dusty Dry	Gray	7562114	7562113	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-N	8	3.5	4	PD-14-01-N-8	Silts	Dusty Dry	Gray	7562116	7562115	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-01-N	9	4	4.5	PD-14-01-N-9	Silts	Dusty Dry	Gray	7562118	7562117	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-01-S	1	0	0.5	PD-14-01-S-1	Silts	Dusty Dry	Light Gray	7562128	7562127	(+/-) 10-25%	(-) 3-10%	(-) 3-10%
PD-14-01-S	2	0.5	1	PD-14-01-S-2	Silts	Dusty Dry	Gray	7562130	7562129	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-01-S	3	1	1.5	PD-14-01-S-3	Silts	Dusty Dry	Gray	7562132	7562131	(+/-) 10-25%	(--) 1-3%	(-) 3-10%
PD-14-01-S	4	1.5	2	PD-14-01-S-4	Silts	Dusty Dry	Gray	7562134	7562133	(+/-) 10-25%	(--) 1-3%	(-) 3-10%
PD-14-01-W	1	0	0.5	PD-14-01-W-1	Silts	Dusty Dry	Gray	7562120	7562119	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-W	2	0.5	1	PD-14-01-W-2	Silts	Dusty Dry	Gray	7562122	7562121	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-W	3	1	1.5	PD-14-01-W-3	Silts	Dusty Dry	Gray	7562124	7562123	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-W	4	1.5	2	PD-14-01-W-4	Silts	Dusty Dry	Gray	7562126	7562125	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-01-E	1	0	0.5	PD-14-01-E-1	Silts	Dusty Dry	Gray	7562136	7562135	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-01-E	2	0.5	1	PD-14-01-E-2	Silts	Dusty Dry	Gray	7562138	7562137	(--) 1-3%	(--) 1-3%	(-) 3-10%
PD-14-01-E	3	1	1.5	PD-14-01-E-3	Silts	Dusty Dry	Gray	7562140	7562139	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-01-E	4	1.5	2	PD-14-01-E-4	Silts	Dry	Dark Gray	7562142	7562141	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-03-N	1	0	0.5	PD-14-03-N-1	Silts	Dusty Dry	Gray	7562144	7562143	(+/-) 10-25%	(-) 3-10%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-03-N	2	0.5	1	PD-14-03-N-2	Silts	Dusty Dry	Gray	7562146	7562145	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-N	3	1	1.5	PD-14-03-N-3	Silts	Dusty Dry	Gray	7562148	7562147	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-N	4	1.5	2	PD-14-03-N-4	Silts	Dusty Dry	Gray	7562150	7562149	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-N	5	2	2.5	PD-14-03-N-5	Silts	Dusty Dry	Gray	7562152	7562151	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-03-N	6	2.5	3	PD-14-03-N-6	Silts	Dusty Dry	Gray	7562154	7562153	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-N	7	3	3.5	PD-14-03-N-7	Silts	Humid	Dark Gray	7562156	7562155	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-N	8	3.5	4	PD-14-03-N-8	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-N	9	4	4.5	PD-14-03-N-9	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-N	10	4.5	5	PD-14-03-N-10	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-N	11	5	5.5	PD-14-03-N-11	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-N	12	6	6.5	PD-14-03-N-12	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-S	1	0	0.5	PD-14-03-S-1	Silts	Dusty Dry	Gray	7562180	7562179	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-S	2	0.5	1	PD-14-03-S-2	Silts	Dusty Dry	Gray	7562182	7562181	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-S	3	1	1.5	PD-14-03-S-3	Silts	Humid	Gray	7562184	7562183	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-S	4	1.5	2	PD-14-03-S-4	Silts	Humid	Gray	7562186	7562185	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-03-S	5	2	2.5	PD-14-03-S-5	Silts	Humid	Gray	7562188	7562187	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-S	6	2.5	3	PD-14-03-S-6	Silts	Humid	Gray	7562190	7562189	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-03-S	7	3	3.5	PD-14-03-S-7	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-S	8	3.5	4	PD-14-03-S-8	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-W	1	0	0.5	PD-14-03-W-1	Silts	Dusty Dry	Gray	7562158	7562157	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-W	2	0.5	1	PD-14-03-W-2	Silts	Dusty Dry	Clear	7562160	7562159	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-W	3	1	1.5	PD-14-03-W-3	Silts	Dusty Dry	Light Gray	7562162	7562161	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-03-W	4	1.5	2	PD-14-03-W-4	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-W	5	2	2.5	PD-14-03-W-5	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-03-W	6	2.5	3	PD-14-03-W-6	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-W	7	3	3.5	PD-14-03-W-7	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-W	8	3.5	4	PD-14-03-W-8	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-03-E	1	0	0.5	PD-14-03-E-1	Silts	Dusty Dry	Gray	7562164	7562163	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-E	2	0.5	1	PD-14-03-E-2	Silts	Dusty Dry	Gray	7562166	7562165	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-E	3	1	1.5	PD-14-03-E-3	Silts	Dusty Dry	Gray	7562168	7562167	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-E	4	1.5	2	PD-14-03-E-4	Silts	Dusty Dry	Gray	7562170	7562169	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-03-E	5	2	2.5	PD-14-03-E-5	Silts	Dusty Dry	Gray	7562172	7562171	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-E	6	2.5	3	PD-14-03-E-6	Silts	Dusty Dry	Gray	7562174	7562173	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-03-E	7	3	3.5	PD-14-03-E-7	Silts	Dusty Dry	Gray	7562176	7562175	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-03-E	8	3.5	4	PD-14-03-E-8	Silts	Humid	Gray	7562178	7562177	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-N	1	0	0.5	PD-14-04-N-1	Silts	Dusty Dry	Gray	7562192	7562191	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-04-N	2	0.5	1	PD-14-04-N-2	Silts	Dusty Dry	Gray	7562194	7562193	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-04-N	3	1	1.5	PD-14-04-N-3	Silts	Dusty Dry	Gray	7562196	7562195	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-04-N	4	1.5	2	PD-14-04-N-4	Silts	Humid	Dark Gray	7562198	7562197	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-04-N	5	2	2.5	PD-14-04-N-5	Silts	Humid	Dark Gray	7561802	7562199	(-) 3-10%	(--) 1-3%	(+/-) 10-25%
PD-14-04-N	6	2.5	3	PD-14-04-N-6	Silts	Humid	Gray	7561804	7561803	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-N	7	3	3.5	PD-14-04-N-7	Silts	Humid	Dark Gray	7561806	7561805	(-) 3-10%	(--) 1-3%	(-) 3-10%
PD-14-04-N	8	3.5	4	PD-14-04-N-8	Silts	Humid	Dark Gray	7561808	7561807	(--) 1-3%	(--) 1-3%	(-) 3-10%
PD-14-04-N	9	4	4.5	PD-14-04-N-9	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-N	10	4.5	5	PD-14-04-N-10	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-N	11	5	5.5	PD-14-04-N-11	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-S	1	0	0.5	PD-14-04-S-1	Silts	Dry	Brown	7561824	7561823	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-S	2	0.5	1	PD-14-04-S-2	Silts	Dusty Dry	Gray	7561826	7561825	(-) 3-10%	(--) 1-3%	(-) 3-10%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-04-S	3	1	1.5	PD-14-04-S-3	Silts	Dusty Dry	Gray	7561828	7561827	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-04-S	4	1.5	2	PD-14-04-S-4	Silts	Dusty Dry	Gray	7561830	7561829	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-S	5	2	2.5	PD-14-04-S-5	Silts	Humid	Gray	7561832	7561831	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-S	6	2.5	3	PD-14-04-S-6	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-S	7	3	3.5	PD-14-04-S-7	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-04-W	1	0	0.5	PD-14-04-W-1	Silts	Dry	Gray	7561810	7561809	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-W	2	0.5	1	PD-14-04-W-2	Silts	Dusty Dry	Gray	7561812	7561811	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-04-W	3	1	1.5	PD-14-04-W-3	Silts	Dusty Dry	Gray	7561814	7561813	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-W	4	1.5	2	PD-14-04-W-4	Silts	Dusty Dry	Gray	7561816	7561815	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-04-W	5	2	2.5	PD-14-04-W-5	Silts	Dusty Dry	Gray	7561818	7561817	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-04-W	6	2.5	3	PD-14-04-W-6	Silts	Humid	Dark Gray	7561820	7561819	(-) 3-10%	(--) 1-3%	(-) 3-10%
PD-14-04-W	7	3	3.5	PD-14-04-W-7	Silts	Humid	Gray	7561822	7561821	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-E	1	0	0.5	PD-14-04-E-1	Silts	Dusty Dry	Gray	7561834	7561833	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-04-E	2	0.5	1	PD-14-04-E-2	Silts	Dusty Dry	Gray	7561836	7561835	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-04-E	3	1	1.5	PD-14-04-E-3	Silts	Dusty Dry	Gray	7561838	7561837	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-04-E	4	1.5	2	PD-14-04-E-4	Silts	Dusty Dry	Gray	7561840	7561839	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-04-E	5	2	2.5	PD-14-04-E-5	Silts	Dusty Dry	Gray	7561842	7561841	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-04-E	6	2.5	3	PD-14-04-E-6	Silts	Wet	Dark Gray	7561844	7561843	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-04-E	7	3	3.5	PD-14-04-E-7	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-N	1	0	0.5	PD-14-08-N-1	Silts	Dusty Dry	Gray	7561246	7561245	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-N	2	0.5	1	PD-14-08-N-2	Silts	Dusty Dry	Gray	7561848	7561847	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-N	3	1	1.5	PD-14-08-N-3	Silts	Dusty Dry	Gray	7561850	7561849	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-08-N	4	1.5	2	PD-14-08-N-4	Silts	Dusty Dry	Gray	7561852	7561851	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-N	5	2	2.5	PD-14-08-N-5	Silts	Dusty Dry	Gray	7561854	7561853	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-08-N	6	2.5	3	PD-14-08-N-6	Silts	Dusty Dry	Gray	7561856	7561855	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	7	3	3.5	PD-14-08-N-7	Silts	Dusty Dry	Gray	7561858	7561857	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	8	3.5	4	PD-14-08-N-8	Silts	Dusty Dry	Gray	7561860	7561859	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	9	4	4.5	PD-14-08-N-9	Silts	Dusty Dry	Gray	7561862	7561861	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-N	10	4.5	5	PD-14-08-N-10	Silts	Dusty Dry	Gray	7561864	7561863	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	11	5	5.5	PD-14-08-N-11	Silts	Dusty Dry	Gray	7561866	7561865	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-N	12	5.5	6	PD-14-08-N-12	Silts	Dusty Dry	Gray	7561868	7561867	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	13	6	6.5	PD-14-08-N-13	Silts	Dusty Dry	Gray	7561870	7561869	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-08-N	14	6.5	7	PD-14-08-N-14	Silts	Dusty Dry	Gray	7561872	7561871	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	15	7	7.5	PD-14-08-N-15	Silts	Dusty Dry	Gray	7561874	7561873	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-N	16	7.5	8	PD-14-08-N-16	Silts	Dusty Dry	Gray	7561876	7561875	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-N	17	8	8.5	PD-14-08-N-17	Silts	Dusty Dry	Gray	7561878	7561877	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-N	18	8.5	9	PD-14-08-N-18	Silts	Dusty Dry	Gray	7561880	7561879	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-N	19	9	9.5	PD-14-08-N-19	Silts	Dusty Dry	Gray	7561882	7561881	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-N	20	9.5	10	PD-14-08-N-20	Silts	Dusty Dry	Gray	7561884	7561883	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-N	21	10	####	PD-14-08-N-21	Silts	Dusty Dry	Gray	7561886	7561885	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-N	22	10.5	11	PD-14-08-N-22	Silts	Dusty Dry	Gray	7561888	7561887	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-N	23	11	####	PD-14-08-N-23	Silts	Dusty Dry	Gray	7561890	7561889	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-N	24	11.5	12	PD-14-08-N-24	Silts	Dusty Dry	Gray	7561892	7561891	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	25	12	####	PD-14-08-N-25	Silts	Dusty Dry	Gray	7561894	7561893	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-N	26	12.5	13	PD-14-08-N-26	Silts	Dusty Dry	Gray	7561896	7561895	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-N	27	13	####	PD-14-08-N-27	Silts	Dusty Dry	Gray	7561898	7561897	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	1	0	0.5	PD-14-08-S-1	Silts	Dusty Dry	Gray	7047744	7047743	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-08-S	2	0.5	1	PD-14-08-S-2	Silts	Dusty Dry	Dark Gray	7047746	7047745	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-08-S	3	1	1.5	PD-14-08-S-3	Silts	Dusty Dry	Dark Gray	7047748	7047747	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-S	4	1.5	2	PD-14-08-S-4	Silts	Dusty Dry	Gray	7047750	7047749	(-) 3-10%	(--) 1-3%	(-) 3-10%
PD-14-08-S	5	2	2.5	PD-14-08-S-5	Silts	Dusty Dry	Gray	7047752	7047751	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	6	2.5	3	PD-14-08-S-6	Silts	Dusty Dry	Gray	7047754	7047753	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-S	7	3	3.5	PD-14-08-S-7	Silts	Dusty Dry	Gray	7047756	7047755	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	8	3.5	4	PD-14-08-S-8	Silts	Dusty Dry	Gray	7047758	7047757	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	9	4	4.5	PD-14-08-S-9	Silts	Dusty Dry	Gray	7047760	7047759	(+/-) 10-25%	(--) 1-3%	(-) 3-10%
PD-14-08-S	10	4.5	5	PD-14-08-S-10	Silts	Dusty Dry	Gray	7047762	7047761	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-S	11	5	5.5	PD-14-08-S-11	Silts	Dusty Dry	Gray	7047764	7047763	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	12	5.5	6	PD-14-08-S-12	Silts	Dusty Dry	Gray	7047766	7047765	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	13	6	6.5	PD-14-08-S-13	Silts	Dusty Dry	Gray	7047768	7047767	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-S	14	6.5	7	PD-14-08-S-14	Silts	Dusty Dry	Gray	7047770	7047769	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-S	15	7	7.5	PD-14-08-S-15	Silts	Dusty Dry	Gray	7047772	7047771	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-08-S	16	7.5	8	PD-14-08-S-16	Silts	Dusty Dry	Gray	7047774	7047773	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-S	17	8	8.5	PD-14-08-S-17	Silts	Dusty Dry	Gray	7047776	7047775	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-S	18	8.5	9	PD-14-08-S-18	Silts	Dusty Dry	Gray	7047778	7047777	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-S	19	9	9.5	PD-14-08-S-19	Silts	Dusty Dry	Gray	7047780	7047779	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-S	20	9.5	10	PD-14-08-S-20	Silts	Dusty Dry	Gray	7047782	7047781	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-S	21	10	####	PD-14-08-S-21	Silts	Dusty Dry	Gray	7047784	7047783	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-S	22	10.5	11	PD-14-08-S-22	Silts	Dusty Dry	Gray	7047786	7047785	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-W	1	0	0.5	PD-14-08-W-1	Silts	Dusty Dry	Gray	7047788	7047787	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-W	2	0.5	1	PD-14-08-W-2	Silts	Dusty Dry	Gray	7047790	7047789	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-W	3	1	1.5	PD-14-08-W-3	Silts	Dusty Dry	Gray	7047793	7047792	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-W	4	1.5	2	PD-14-08-W-4	Silts	Dusty Dry	Gray	7047795	7047794	(--) 1-3%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-08-W	5	2	2.5	PD-14-08-W-5	Silts	Dusty Dry	Gray	7047797	7047796	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-W	6	2.5	3	PD-14-08-W-6	Silts	Dusty Dry	Gray	7047799	7047798	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-W	7	3	3.5	PD-14-08-W-7	Silts	Dusty Dry	Gray	7562001	7047800	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-W	8	3.5	4	PD-14-08-W-8	Silts	Dusty Dry	Gray	7562003	7562002	(--) 1-3%	(--) 1-3%	(-) 3-10%
PD-14-08-W	9	4	4.5	PD-14-08-W-9	Silts	Dusty Dry	Gray	7562005	7562004	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-W	10	4.5	5	PD-14-08-W-10	Silts	Dusty Dry	Gray	7562007	7562006	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-W	11	5	5.5	PD-14-08-W-11	Silts	Dusty Dry	Gray	7562009	7562008	(-) 3-10%	(--) 1-3%	(-) 3-10%
PD-14-08-W	12	5.5	6	PD-14-08-W-12	Silts	Dusty Dry	Gray	7562011	7562010	(-) 3-10%	(--) 1-3%	(-) 3-10%
PD-14-08-W	13	6	6.5	PD-14-08-W-13	Silts	Dusty Dry	Gray	7562013	7562012	(-) 3-10%	(-) 3-10%	(-) 3-10%
PD-14-08-W	14	6.5	7	PD-14-08-W-14	Silts	Dusty Dry	Gray	7562015	7562014	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-08-W	15	7	7.5	PD-14-08-W-15	Silts	Dusty Dry	Gray	7562017	7562016	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	16	7.5	8	PD-14-08-W-16	Silts	Dusty Dry	Gray	7562019	7562018	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	17	8	8.5	PD-14-08-W-17	Silts	Dusty Dry	Gray	7562021	7562020	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	18	8.5	9	PD-14-08-W-18	Silts	Dusty Dry	Gray	7562023	7562022	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	19	9	9.5	PD-14-08-W-19	Silts	Dusty Dry	Gray	7562025	7562024	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	20	9.5	10	PD-14-08-W-20	Silts	Dusty Dry	Gray	7562027	7562026	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-W	21	10	####	PD-14-08-W-21	Silts	Dusty Dry	Gray	7562029	7562028	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-08-W	22	10.5	11	PD-14-08-W-22	Silts	Dusty Dry	Gray	7562031	7562030	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-08-E	1	0	0.5	PD-14-08-E-1	Silts	Dusty Dry	Gray	7561900	7561899	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	2	0.5	1	PD-14-08-E-2	Silts	Dusty Dry	Gray	7047702	7047701	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	3	1	1.5	PD-14-08-E-3	Silts	Dusty Dry	Gray	7047704	7047703	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	4	1.5	2	PD-14-08-E-4	Silts	Dry	Gray	7047706	7047705	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	5	2	2.5	PD-14-08-E-5	Silts	Dusty Dry	Gray	7047708	7047707	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	6	2.5	3	PD-14-08-E-6	Silts	Dusty Dry	Gray	7047710	7047709	(--) 1-3%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-08-E	7	3	3.5	PD-14-08-E-7	Silts	Dusty Dry	Gray	7047712	7047711	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	8	3.5	4	PD-14-08-E-8	Silts	Dusty Dry	Gray	7047714	7047713	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	9	4	4.5	PD-14-08-E-9	Silts	Dusty Dry	Gray	7047716	7047715	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	10	4.5	5	PD-14-08-E-10	Silts	Dusty Dry	Gray	7047718	7047717	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	11	5	5.5	PD-14-08-E-11	Silts	Dusty Dry	Gray	7047720	7047719	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	12	5.5	6	PD-14-08-E-12	Silts	Dusty Dry	Gray	7047722	7047721	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	13	6	6.5	PD-14-08-E-13	Sandy	Dusty Dry	Gray	7047724	7047723	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	14	6.5	7	PD-14-08-E-14	Silts	Dusty Dry	Gray	7047726	7047725	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-08-E	15	7	7.5	PD-14-08-E-15	Silts	Dusty Dry	Gray	7047728	7047727	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	16	7.5	8	PD-14-08-E-16	Silts	Dusty Dry	Gray	7047730	7047729	(+) 25-50%	(+/-) 10-25%	(--) 1-3%
PD-14-08-E	17	8	8.5	PD-14-08-E-17	Silts	Dusty Dry	Gray	7047732	7047731	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-E	18	8.5	9	PD-14-08-E-18	Silts	Dusty Dry	Gray	7047734	7047733	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-08-E	19	9	9.5	PD-14-08-E-19	Silts	Dusty Dry	Gray	7047736	7047735	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-E	20	9.5	10	PD-14-08-E-20	Silts	Dusty Dry	Gray	7047738	7047737	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-08-E	21	10	####	PD-14-08-E-21	Silts	Dusty Dry	Gray	7047740	7047739	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-08-E	22	10.5	11	PD-14-08-E-22	Silts	Dusty Dry	Gray	7047742	7047741	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-N	1	0	0.5	PD-14-10-N-1	Silts	Dusty Dry	Gray	7562033	7562032	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-N	2	0.5	1	PD-14-10-N-2	Silts	Dusty Dry	Gray	7562035	7562034	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-N	3	1	1.5	PD-14-10-N-3	Silts	Dusty Dry	Gray	7562037	7562036	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-10-N	4	1.5	2	PD-14-10-N-4	Silts	Dusty Dry	Gray	7562039	7562038	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-N	5	2	2.5	PD-14-10-N-5	Silts	Dusty Dry	Gray	7562041	7562040	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	6	2.5	3	PD-14-10-N-6	Silts	Dusty Dry	Gray	7562043	7562042	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-N	7	3	3.5	PD-14-10-N-7	Silts	Dusty Dry	Gray	7562045	7562044	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-N	8	3.5	4	PD-14-10-N-8	Silts	Dusty Dry	Gray	7562047	7562046	(--) 1-3%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-10-N	9	4	4.5	PD-14-10-N-9	Silts	Dusty Dry	Gray	7562049	7562048	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	10	4.5	5	PD-14-10-N-10	Silts	Dusty Dry	Gray	7562051	7562050	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	11	5	5.5	PD-14-10-N-11	Silts	Dusty Dry	Gray	7562053	7562052	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	12	5.5	6	PD-14-10-N-12	Silts	Dusty Dry	Gray	7562055	7562054	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-10-N	13	6	6.5	PD-14-10-N-13	Silts	Dusty Dry	Gray	7562057	7562056	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	14	6.5	7	PD-14-10-N-14	Silts	Dusty Dry	Gray	7562059	7562058	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	15	7	7.5	PD-14-10-N-15	Silts	Dusty Dry	Gray	7562061	7560260	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	16	7.5	8	PD-14-10-N-16	Silts	Dusty Dry	Gray	7562063	7562062	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	17	8	8.5	PD-14-10-N-17	Silts	Dusty Dry	Gray	7562065	7562064	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-N	18	8.5	9	PD-14-10-N-18	Silts	Dusty Dry	Gray	7562067	7562066	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-N	19	9	9.5	PD-14-10-N-19	Silts	Dusty Dry	Gray	7562069	7562068	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-10-N	20	9.5	10	PD-14-10-N-20	Silts	Dusty Dry	Gray	7562071	7562070	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-10-N	21	10	####	PD-14-10-N-21	Silts	Dry	Gray	7562073	7562072	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-N	22	10.5	11	PD-14-10-N-22	Silts	Humid	Gray	7562075	7562074	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-N	23	11	####	PD-14-10-N-23	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	24	11.5	12	PD-14-10-N-24	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	25	12	####	PD-14-10-N-25	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	26	12.5	13	PD-14-10-N-26	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-N	27	13	####	PD-14-10-N-27	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	1	0	0.5	PD-14-10-S-1	Silts	Dusty Dry	Gray	7562100	7562100	(+) 25-50%	(-) 3-10%	(-) 3-10%
PD-14-10-S	2	0.5	1	PD-14-10-S-2	Silts	Dusty Dry	Gray	7828224	7828224	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-S	3	1	1.5	PD-14-10-S-3	Silts	Dusty Dry	Gray	7828225	7828225	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-S	4	1.5	2	PD-14-10-S-4	Silts	Dusty Dry	Gray	7828226	7828226	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-S	5	2	2.5	PD-14-10-S-5	Silts	Dusty Dry	Gray	7828227	7828227	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-10-S	6	2.5	3	PD-14-10-S-6	Silts	Dusty Dry	Gray	7828228	7828228	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	7	3	3.5	PD-14-10-S-7	Silts	Dusty Dry	Gray	7828229	7828229	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-S	8	3.5	4	PD-14-10-S-8	Silts	Dry	Gray	7828230	7828230	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-S	9	4	4.5	PD-14-10-S-9	Silts	Dusty Dry	Gray	7828231	7828231	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-S	10	4.5	5	PD-14-10-S-10	Silts	Dusty Dry	Gray	7828232	7828232	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	11	5	5.5	PD-14-10-S-11	Silts	Dusty Dry	Gray	7828233	7828233	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-S	12	5.5	6	PD-14-10-S-12	Silts	Dusty Dry	Gray	7828234	7828234	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-S	13	6	6.5	PD-14-10-S-13	Silts	Dusty Dry	Gray	7828235	7828235	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	14	6.5	7	PD-14-10-S-14	Silts	Dusty Dry	Gray	7828236	7828236	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	15	7	7.5	PD-14-10-S-15	Silts	Dusty Dry	Gray	7828237	7828237	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	16	7.5	8	PD-14-10-S-16	Silts	Dusty Dry	Gray	7828238	7828238	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-S	17	8	8.5	PD-14-10-S-17	Silts	Dusty Dry	Gray	7828239	7828239	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-S	18	8.5	9	PD-14-10-S-18	Silts	Dusty Dry	Gray	7828240	7828240	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-S	19	9	9.5	PD-14-10-S-19	Silts	Dusty Dry	Gray	7828241	7828241	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-S	20	9.5	10	PD-14-10-S-20	Silts	Dusty Dry	Gray	7828242	7828242	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-S	21	10	####	PD-14-10-S-21	Silts	Dusty Dry	Gray	7828243	7828243	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-S	22	10.5	11	PD-14-10-S-22	Silts	Dusty Dry	Gray	7828244	7828244	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-10-S	23	11	####	PD-14-10-S-23	Silts	Dusty Dry	Gray	7828245	7828245	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-W	1	0	0.5	PD-14-10-W-1	Silts	Dusty Dry	Gray	7562076	7562076	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	2	0.5	1	PD-14-10-W-2	Silts	Dusty Dry	Gray	7562077	7562077	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	3	1	1.5	PD-14-10-W-3	Silts	Dusty Dry	Gray	7562078	7562078	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-10-W	4	1.5	2	PD-14-10-W-4	Silts	Dusty Dry	Gray	7562079	7562079	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	5	2	2.5	PD-14-10-W-5	Silts	Dusty Dry	Gray	7562080	7562080	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	6	2.5	3	PD-14-10-W-6	Silts	Dusty Dry	Gray	7562081	7562081	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-10-W	7	3	3.5	PD-14-10-W-7	Silts	Dusty Dry	Gray	7562082	7562082	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	8	3.5	4	PD-14-10-W-8	Silts	Dusty Dry	Gray	7562083	7562083	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	9	4	4.5	PD-14-10-W-9	Silts	Dusty Dry	Gray	7562090	7562090	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	10	4.5	5	PD-14-10-W-10	Silts	Dusty Dry	Gray	7562084	7562084	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	11	5	5.5	PD-14-10-W-11	Silts	Dusty Dry	Gray	7562085	7562085	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	12	5.5	6	PD-14-10-W-12	Silts	Dusty Dry	Gray	7562086	7562086	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	13	6	6.5	PD-14-10-W-13	Silts	Dusty Dry	Gray	7562087	7562087	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	14	6.5	7	PD-14-10-W-14	Silts	Dusty Dry	Gray	7562088	7562088	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	15	7	7.5	PD-14-10-W-15	Silts	Dusty Dry	Gray	7562089	7562089	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	16	7.5	8	PD-14-10-W-16	Silts	Dusty Dry	Gray	7562091	7562091	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-W	17	8	8.5	PD-14-10-W-17	Silts	Dusty Dry	Gray	7562092	7562092	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-W	18	8.5	9	PD-14-10-W-18	Silts	Dusty Dry	Gray	7562093	7562093	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-W	19	9	9.5	PD-14-10-W-19	Silts	Dusty Dry	Gray	7562095	7562094	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-W	20	9.5	10	PD-14-10-W-20	Silts	Dusty Dry	Gray	7562096	7562096	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-W	21	10	####	PD-14-10-W-21	Silts	Dusty Dry	Gray	7562097	7562094	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-W	22	10.5	11	PD-14-10-W-22	Silts	Dusty Dry	Gray	7562098	7562098	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-W	23	11	####	PD-14-10-W-23	Silts	Dusty Dry	Gray	7562099	7562099	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-E	1	0	0.5	PD-14-10-E-1	Silts	Dry	Gray	7828201	7828201	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-E	2	0.5	1	PD-14-10-E-2	Silts	Dusty Dry	Gray	7828202	7828202	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-10-E	3	1	1.5	PD-14-10-E-3	Silts	Dusty Dry	Gray	7828203	7828203	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	4	1.5	2	PD-14-10-E-4	Silts	Dusty Dry	Gray	7828204	7828204	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-E	5	2	2.5	PD-14-10-E-5	Silts	Dusty Dry	Gray	7828205	7828205	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-E	6	2.5	3	PD-14-10-E-6	Silts	Dusty Dry	Gray	7828206	7828206	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-E	7	3	3.5	PD-14-10-E-7	Silts	Dusty Dry	Gray	7828207	7828207	(--) 1-3%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-10-E	8	3.5	4	PD-14-10-E-8	Silts	Dusty Dry	Gray	7828208	7828208	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	9	4	4.5	PD-14-10-E-9	Silts	Dusty Dry	Gray	7828209	7828209	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	10	4.5	5	PD-14-10-E-10	Silts	Dusty Dry	Gray	7828210	7828210	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-10-E	11	5	5.5	PD-14-10-E-11	Silts	Dusty Dry	Gray	7828211	7828211	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	12	5.5	6	PD-14-10-E-12	Silts	Dusty Dry	Light Gray	7828212	7828212	(+) 25-50%	(--) 1-3%	(--) 1-3%
PD-14-10-E	13	6	6.5	PD-14-10-E-13	Silts	Dusty Dry	Gray	7828213	7828213	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-10-E	14	6.5	7	PD-14-10-E-14	Silts	Dusty Dry	Gray	7828214	7828214	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	15	7	7.5	PD-14-10-E-15	Silts	Dusty Dry	Gray	7828215	7828215	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	16	7.5	8	PD-14-10-E-16	Silts	Dusty Dry	Gray	7828216	7828216	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-10-E	17	8	8.5	PD-14-10-E-17	Silts	Dusty Dry	Gray	7828217	7828217	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-10-E	18	8.5	9	PD-14-10-E-18	Silts	Dusty Dry	Gray	7828218	7828218	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-E	19	9	9.5	PD-14-10-E-19	Silts	Dusty Dry	Gray	7828219	7828219	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-E	20	9.5	10	PD-14-10-E-20	Silts	Dusty Dry	Gray	7828220	7828220	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-E	21	10	####	PD-14-10-E-21	Silts	Dusty Dry	Gray	7828221	7828221	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-10-E	22	10.5	11	PD-14-10-E-22	Silts	Dry	Gray	7828222	7828222	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-10-E	23	11	####	PD-14-10-E-23	Silts	Dusty Dry	Gray	7828223	7828223	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-11-N	1	0	0.5	PD-14-11-N-1	Silts	Dusty Dry	Gray	7828246	7828246	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	2	0.5	1	PD-14-11-N-2	Silts	Dusty Dry	Gray	7828247	7828247	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-11-N	3	1	1.5	PD-14-11-N-3	Silts	Dusty Dry	Gray	7828248	7828248	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-11-N	4	1.5	2	PD-14-11-N-4	Silts	Dusty Dry	Gray	7828249	7828249	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	5	2	2.5	PD-14-11-N-5	Silts	Dusty Dry	Gray	7828250	7828250	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	6	2.5	3	PD-14-11-N-6	Silts	Dusty Dry	Gray	7828251	7828251	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	7	3	3.5	PD-14-11-N-7	Silts	Dusty Dry	Gray	7828252	7828252	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	8	3.5	4	PD-14-11-N-8	Silts	Dusty Dry	Gray	7828253	7828253	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-11-N	9	4	4.5	PD-14-11-N-9	Silts	Dusty Dry	Gray	7828254	7828254	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	10	4.5	5	PD-14-11-N-10	Silts	Dusty Dry	Gray	7828255	7828255	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	11	5	5.5	PD-14-11-N-11	Silts	Dusty Dry	Gray	7828256	7828256	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	12	5.5	6	PD-14-11-N-12	Silts	Dusty Dry	Gray	7828257	7828257	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	13	6	6.5	PD-14-11-N-13	Silts	Dusty Dry	Gray	7828258	7828258	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-N	14	6.5	7	PD-14-11-N-14	Silts	Humid	Gray	7828259	7828259	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	15	7	7.5	PD-14-11-N-15	Silts	Humid	Gray	7828260	7828260	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	16	7.5	8	PD-14-11-N-16	Silts	Humid	Dark Gray	7828261	7828261	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	17	8	8.5	PD-14-11-N-17	Silts	Wet	Gray	7828262	7828262	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-N	18	8.5	9	PD-14-11-N-18	Silts	Wet	Dark Gray	7828263	7828263	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-N	19	9	9.5	PD-14-11-N-19	Muddy	Damp	Light Gray	7828264	7828264	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-N	20	9.5	10	PD-14-11-N-20	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	21	10	####	PD-14-11-N-21	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	22	10.5	11	PD-14-11-N-22	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	23	11	####	PD-14-11-N-23	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	24	11.5	12	PD-14-11-N-24	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-N	25	12	####	PD-14-11-N-25	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-S	1	0	0.5	PD-14-11-S-1	Silts	Dusty Dry	Gray	7828265	7828265	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-S	2	0.5	1	PD-14-11-S-2	Silts	Dusty Dry	Gray	7828266	7828266	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-S	3	1	1.5	PD-14-11-S-3	Silts	Dusty Dry	Gray	7828267	7828267	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	4	1.5	2	PD-14-11-S-4	Silts	Dusty Dry	Gray	7828268	7828268	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	5	2	2.5	PD-14-11-S-5	Silts	Dusty Dry	Gray	7828269	7828269	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	6	2.5	3	PD-14-11-S-6	Silts	Dusty Dry	Gray	7828270	7828270	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-S	7	3	3.5	PD-14-11-S-7	Silts	Dusty Dry	Gray	7828287	7828271	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-11-S	8	3.5	4	PD-14-11-S-8	Silts	Dusty Dry	Gray	7828272	7828272	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-11-S	9	4	4.5	PD-14-11-S-9	Silts	Dusty Dry	Gray	7828273	7828273	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	10	4.5	5	PD-14-11-S-10	Silts	Dusty Dry	Gray	7828274	7828274	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	11	5	5.5	PD-14-11-S-11	Silts	Dusty Dry	Gray	7828275	7828275	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	12	5.5	6	PD-14-11-S-12	Silts	Dusty Dry	Gray	7828276	7828276	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	13	6	6.5	PD-14-11-S-13	Silts	Dusty Dry	Gray	7828277	7828277	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-S	14	6.5	7	PD-14-11-S-14	Silts	Dusty Dry	Gray	7828278	7828278	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	15	7	7.5	PD-14-11-S-15	Silts	Dusty Dry	Gray	7828279	7828279	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	16	7.5	8	PD-14-11-S-16	Silts	Dusty Dry	Gray	7828280	7828280	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	17	8	8.5	PD-14-11-S-17	Silts	Dusty Dry	Gray	7828281	7828281	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-11-S	18	8.5	9	PD-14-11-S-18	Silts	Dusty Dry	Gray	7828282	7828282	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-11-S	19	9	9.5	PD-14-11-S-19	Silts	Dusty Dry	Light Gray	7828283	7828283	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-S	20	9.5	10	PD-14-11-S-20	Silts	Dusty Dry	Light Gray	7828284	7828284	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-11-S	21	10	####	PD-14-11-S-21	Silts	Dusty Dry	Light Gray	7828285	7828285	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-11-S	22	10.5	11	PD-14-11-S-22	Silts	Dry	Light Gray	7828286	7828286	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-W	1	0	0.5	PD-14-11-W-1	Silts	Dusty Dry	Gray	7828288	7828288	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	2	0.5	1	PD-14-11-W-2	Silts	Dusty Dry	Gray	7828289	7828289	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	3	1	1.5	PD-14-11-W-3	Silts	Dusty Dry	Gray	7828290	7828290	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	4	1.5	2	PD-14-11-W-4	Silts	Dusty Dry	Gray	7828291	7828291	(-) 3-10%	(-) 3-10%	(--) 1-3%
PD-14-11-W	5	2	2.5	PD-14-11-W-5	Silts	Dusty Dry	Gray	7828292	7828292	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	6	2.5	3	PD-14-11-W-6	Silts	Dusty Dry	Gray	7828293	7828293	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	7	3	3.5	PD-14-11-W-7	Silts	Dusty Dry	Gray	7828294	7828294	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	8	3.5	4	PD-14-11-W-8	Silts	Dusty Dry	Gray	7828295	7828295	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	9	4	4.5	PD-14-11-W-9	Silts	Dusty Dry	Gray	7828296	7828296	(-) 3-10%	(-) 3-10%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-11-W	10	4.5	5	PD-14-11-W-10	Silts	Dusty Dry	Gray	7828297	7828297	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	11	5	5.5	PD-14-11-W-11	Silts	Dusty Dry	Gray	7828298	7828298	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	12	5.5	6	PD-14-11-W-12	Silts	Dusty Dry	Gray	7828299	7828299	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-W	13	6	6.5	PD-14-11-W-13	Silts	Humid	Gray	7828300	7828300	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-W	14	6.5	7	PD-14-11-W-14	Silts	Wet	Light Gray	7828001	7828001	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-W	15	7	7.5	PD-14-11-W-15	Silts	Wet	Light Gray	7828002	7828002	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-W	16	7.5	8	PD-14-11-W-16	Silts	Wet	Light Gray	7828003	7828003	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-W	17	8	8.5	PD-14-11-W-17	Silts	Wet	Gray	7828004	7828004	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-W	18	8.5	9	PD-14-11-W-18	Silts	Wet	Dark Gray	7828005	7828005	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-11-W	19	9	9.5	PD-14-11-W-19	Silts	Wet	Dark Gray	7828006	7828006	(--) 1-3%	(-) 3-10%	(--) 1-3%
PD-14-11-W	20	9.5	10	PD-14-11-W-20	Silts	Wet	Dark Gray	7828007	7828007	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-11-W	21	10	####	PD-14-11-W-21	Silts	Wet	Dark Gray	7828008	7828008	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-11-W	22	10.5	11	PD-14-11-W-22	Sandy	Water Saturate	Clear			(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-E	1	0	0.5	PD-14-11-E-1	Silts	Dusty Dry	Gray	7828009	7828009	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	2	0.5	1	PD-14-11-E-2	Silts	Dusty Dry	Gray	7828010	7828010	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	3	1	1.5	PD-14-11-E-3	Silts	Dusty Dry	Gray	7828011	7828011	(+/-) 10-25%	(--) 1-3%	(--) 1-3%
PD-14-11-E	4	1.5	2	PD-14-11-E-4	Silts	Dusty Dry	Gray	7828012	7828012	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	5	2	2.5	PD-14-11-E-5	Silts	Dusty Dry	Gray	7828013	7828013	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	6	2.5	3	PD-14-11-E-6	Silts	Dusty Dry	Gray	7828014	7828014	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	7	3	3.5	PD-14-11-E-7	Silts	Dusty Dry	Gray	7828015	7828015	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	8	3.5	4	PD-14-11-E-8	Silts	Dusty Dry	Gray	7828016	7828016	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	9	4	4.5	PD-14-11-E-9	Silts	Dusty Dry	Gray	7828017	7828017	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	10	4.5	5	PD-14-11-E-10	Silts	Dusty Dry	Gray	7828018	7828018	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	11	5	5.5	PD-14-11-E-11	Silts	Dusty Dry	Gray	7828019	7828019	(-) 3-10%	(--) 1-3%	(--) 1-3%

DHH	Interval ID	From	To	Sample No	Texture	Humidity	Color	Seal Number Coarse	Seal Number Fine	Quartz	Pyrite	Oxidation
PD-14-11-E	12	5.5	6	PD-14-11-E-12	Silts	Dusty Dry	Gray	7828020	7828020	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	13	6	6.5	PD-14-11-E-13	Silts	Dry	Gray	7828021	7828021	(--) 1-3%	(+/-) 10-25%	(--) 1-3%
PD-14-11-E	14	6.5	7	PD-14-11-E-14	Silts	Dry	Light Gray	7828022	7828022	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-E	15	7	7.5	PD-14-11-E-15	Silts	Dry	Light Gray	7828023	7828023	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-E	16	7.5	8	PD-14-11-E-16	Silts	Dry	Light Gray	7828024	7828024	(-) 3-10%	(--) 1-3%	(--) 1-3%
PD-14-11-E	17	8	8.5	PD-14-11-E-17	Silts	Dusty Dry	Gray	7828025	7828025	(-) 3-10%	(+/-) 10-25%	(--) 1-3%
PD-14-11-E	18	8.5	9	PD-14-11-E-18	Silts	Dusty Dry	Gray	7828026	7828026	(+/-) 10-25%	(-) 3-10%	(--) 1-3%
PD-14-11-E	19	9	9.5	PD-14-11-E-19	Silts	Dusty Dry	Gray	7828027	7828027	(--) 1-3%	(--) 1-3%	(--) 1-3%
PD-14-11-E	20	9.5	10	PD-14-11-E-20	Silts	Dusty Dry	Gray	7828028	7828028	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-11-E	21	10	####	PD-14-11-E-21	Silts	Dry	Gray	7828029	7828029	(+/-) 10-25%	(+/-) 10-25%	(--) 1-3%
PD-14-11-E	22	10.5	11	PD-14-11-E-22	Silts	Dry	Gray	7828030	7828030	(--) 1-3%	(-) 3-10%	(--) 1-3%

369

ASSESSMENT REPORT: 2014 Sampling Study; Pardo & Clement Townships, Ontario.

By:
Winston Whymark
Inventus Mining Corp.
36 Toronto St. Suite 1000
Toronto ON M5C 5S5

Mount Logan Resources Ltd.
36 Toronto St. Suite 1000
Toronto ON M5C 5S5

August 28, 2015

Table of contents:

1. Introduction

During the months of July to October 2014, Mount Logan Resources Ltd., a whole-owned subsidiary of Inventus Mining Corp. (TSX-V: IVS), contracted James E. Tilsley & Associates Ltd. to conduct sampling studies for the Pardo Project. The purpose of this work was to identify the distribution and size fraction of gold grains occurring at the Pardo project. The work aimed to provide proper assay analytics and sample sizes to best capture gold content of the rock.

2. Location, Access and Physiography

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

Figure 1 – Project location

3. Claim Summary of applied work

Township /Area	Claim Number	Recording Date	No of 16 Ha Units	Recorder Holder	Percent Held
Pardo	3009440	2004-Oct-29	12	Mount Logan Resources	100% Y
Clement	4202512	2006-Sep-07	12	Mount Logan Resources	100% Y
TOTAL	**2 CLAIMS**		**24**		

Table 1 – Claims descriptions

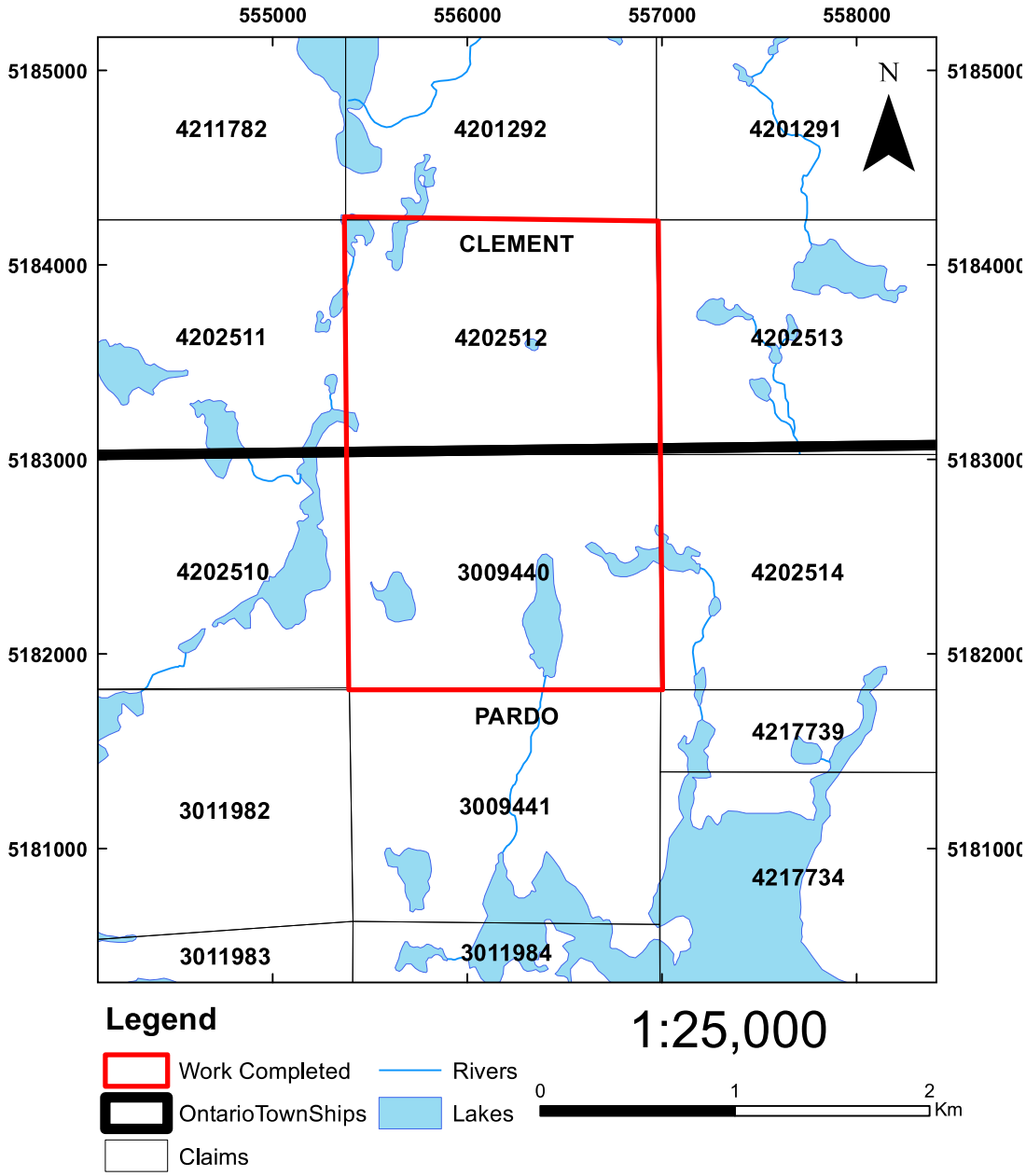


Figure 2 – Localization of the claims with performed work

4. General geological setting

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

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

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

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

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

5. Property Geology

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

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

greywackes are observed in outcrop on surface, to in excess of 377 meters, as documented by the 1956 diamond drilling completed by Pickle Crow Gold Mines in the area south of Silver Lake.

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

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

6. Previous Work

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. 2014 Sampling Study

Due to the nature of this deposit, gold grains occur as clusters and are subject to highly variable distribution within the rock. Pervious sample methodology has resulted to highly variable gold grades. The aim of the study was to determine the distribution, variability and appropriate sample size and method for gold bearing rock at the Pardo project.

The sampling study was conducted on the 007 and Eastern Reef locations (Figure 1). The study consisted of panel sampling and Hammer drill holes to collect sufficient rock material for analysis. Once the material was collected it was then sent to Act Laboratories where it was crushed and assayed. The contractor James E. Tilsley & associates Ltd., then examined the assay data and provided us with a comprehensive report with conclusion and recommendations (see attached report). It was concluded from the work that the following should be undertaken:

- Each gold bearing sedimentary unit should be sampling individually
- The rock at Pardo does not appear to have a coarse gold component
- Further prospecting assays should be completed by crushing to 2mm then pulverizing 1 kg to 150 mesh followed by two 30g aliquot fire assays
- Proper grade determination will require a "industrial scale" operation to provided very large quantity samples

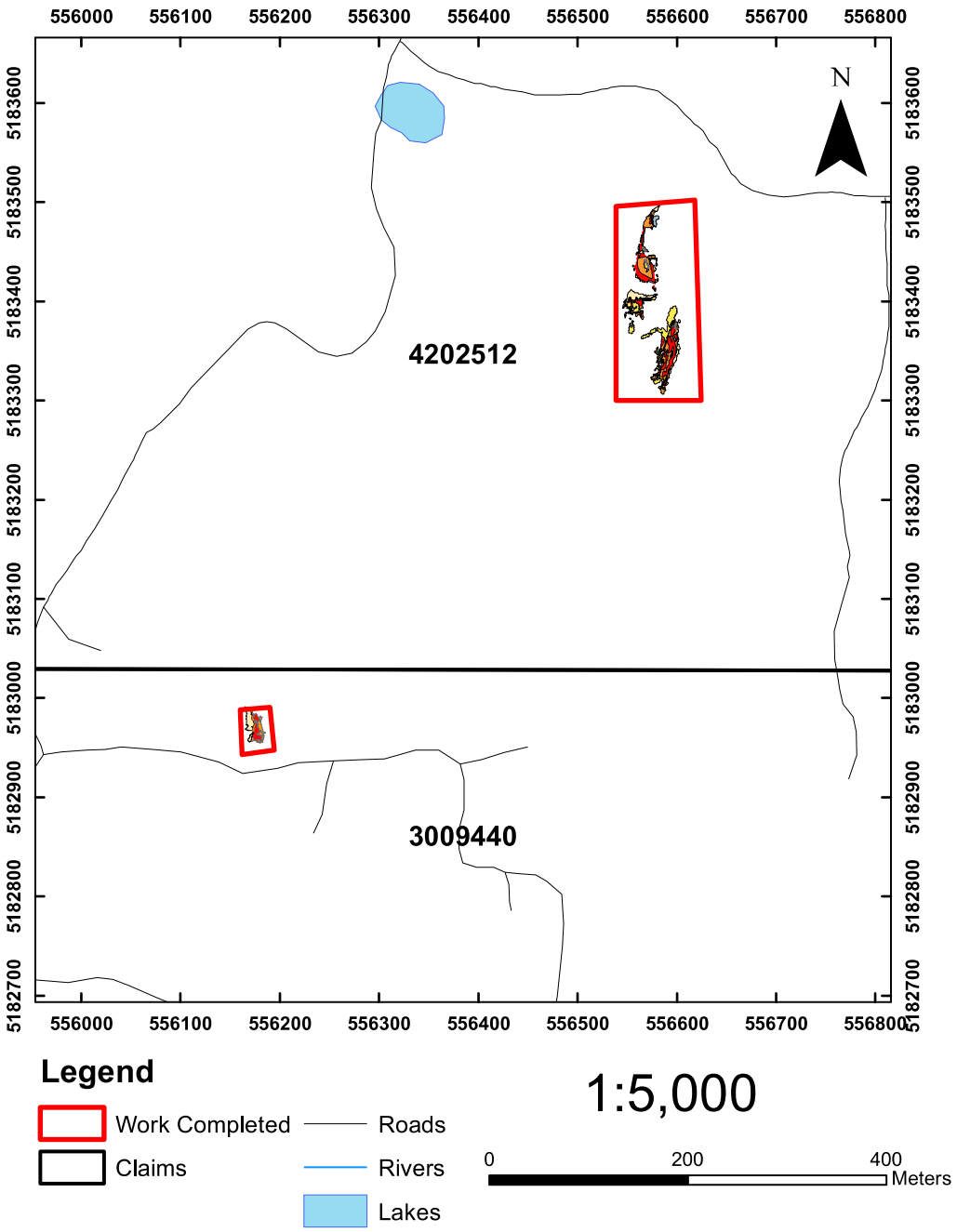


Figure 3, Area James E. Tilsley and Associates Ltd. completed the sample study

8. Costs Statement

The total costs of $144,146.11 incurred on the claims are broken down in terms of work type, associated costs, and other items (Table 5).

Type of expense	Cost per unit	Total cost
James Tilsley (29.5days)	$1000.00 per/day	$29500.00
Danny Boilard (37days)	$500.00 per/day	$18500.00
Technicians (37days)	$362.50 Per/day	$13412.50
Labours (12days)	$200.00 per/day	$2400.00
Drilling (consbec)	24 holes @ $998.98	$23975.60
Analytical	na	$21216.00
Lodging/Food	na	$3244.56
Equipment	na	$19540.51
Supplies	na	$6700.54
Travel (18821km)	$0.30 per/km	$5646.40

9. References

Bruce, E.L. 1932: Geology of the Townships of Janes, McNish, Pardo and Dana; Ontario Department of Mines Volume 41, Part 4, p.1-28, Accompanied by map 41f, scale 1 inch to ½ mile.

Clark, J.G. 1998: Report on 1998 Geophysics and Humus Sampling, Pardo Property; Triex Resources Inc. Internal Report.

Cullen, D. 1997: Report on 1997 Prospecting, Geological Mapping, Stripping and Channel Sampling on the Pardo Property; Tenajon Resources Corporation Internal Report.

Cullen, D. and McIvor, D.F. 2008: Report on the Summer 2007 Mapping and Prospecting Program on the Pardo Property, Pardo and Clement Townships, Sudbury Mining Division, Ontario; Endurance Gold Corporation Assessment Report (Number and Acceptance Pending).

Dressler, Burkhart O. 1979: Geology of McNish and Janes Townships, District of Sudbury; Ontario Geological Survey Report 191, 91 p., Accompanied by Map 2425, scale 1:31,680.

Fairbairn, H.W. et al. 1960: Mineral and Rock Ages at Sudbury-Blind River, Ontario; Proceedings of the Geological Association of Canada, Volume 12, p. 41-66.

Long, D.G.F. 1981: The Sedimentary Framework of Placer Gold Concentrations in Basal Huronian Strata of the Cobalt Embayment; in Summary of Field Work, 1981, by the Ontario Geological Survey, OGS Miscellaneous Paper 100, ed. by John Wood et al.

MacVeigh, E.A. 1956: Report on the Geology of the Pickle Crow Gold Mines Property, Pardo Township, Temagami Area, Ontario; Pickle Crow Gold Mines Internal Report.

McIvor, D.F. 2006: The Results of a July, 2006 Diamond Drilling Program in Pardo Township, Sudbury Mining Division, Ontario; Endurance Gold Corporation Assessment Report 2.33271.

McIvor, D.F. 2006: The Results of an October, 2006 Mechanized Stripping, Washing and Channel Sampling Program on Claim 4202512 in Clement Township, Pardo Property, Sudbury Mining Division, Ontario; Endurance Gold Corporation Assessment Report W0670.01904.

McIvor, D.F. 2007: The Results of an April 2007 Induced Polarization Geophysical Survey on the Pardo Property, Pardo and Clement Townships, Sudbury Mining Division, Ontario; Endurance Gold Corporation Assessment Report (Pending Acceptance) W0770.02268.

McIvor, D. F. 2008: Report on the October-November 2007 Prospecting and Sampling Program on the Pardo Property, Pardo and Clement Townships, Sudbury Mining Division, Ontario; Endurance Gold Corporation Assessment Report W0870.00796.

Ontario Geological Survey 1975: Map 2361, Sudbury-Cobalt Geological Compilation 27.

Ploeger, C.J. 2006: Magnetometer and VLF Surveys Over the Pardo Gold Project, Pardo and Clement Townships, Ontario; Larder Geophysics Ltd. Assessment Report Q0670.01901.

Stockwell, C.H. 1964: Fourth Report on Structural Provinces, Orogenies and Time Classification of the Canadian Precambrian Shield; p.1-21, in Age Determinations and Geological Studies, Part II, Geological Studies, Geological Survey of Canada, Paper 64-17, 29 p.

Thomson, J.E. 1960: Uranium and Thorium Deposits at the Base of the Huronian System in the District of Sudbury; Ontario Department of Mines Geological Report No.

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

10. Certificate of Author

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

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

3) I have worked for Inventus Mining Corp. (Mount Logan Resources) Since 2009.

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

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

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

Dated

Signed:

Winston Whymark

---

11. Appendices

A1) Pardo Project – Sampling Studies 2014

A2) ActLab certificates