Assessment Report on Diamond Drilling performed on the Aley Carbonatite Property

Located in the Omineca Mining District, British Columbia, Canada

NTS: 94B.041 & 94B.042

Located at Map Center at approximately
56° 27' N Latitude
123° 44' W Longitude
UTM NAD 83, Zone 10

Owner: Aley Corporation
Operator: Taseko Mines Limited through its wholly owned subsidiary, Aley Corporation

Tenure Numbers:
513258, 516635, 520172, 520261, 520262, 520263, 520264, 520265, 554104, 554107, 559138, 559535, 559540

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Summary

The Aley Property, owned by Aley Corporation, itself a wholly-owned subsidiary of Taseko Mines Limited, is located in northeastern British Columbia within the Omineca Mining Division. The property comprises thirteen contiguous mineral claims covering 5936 hectares in the headwaters of the Ospika River closely adjacent to Ospika Arm of Williston Lake. The Aley claims are centered on 56° 27' N 123° 44' W, NTS mapsheets 94B.041 and 94B.042. Exploration work was conducted during the period August 29 through October 11, 2007 and comprised a program of helicopter-supported exploration drilling. Taseko Mines Limited was the operator of the program.

Work reported on includes:

i. A diamond drill program comprising a total meterage of 1,369m over 11 holes. The objective of the drill program was the confirmation of previous exploration work undertaken by Cominco between 1985 and 1986. The program also sought to establish a better understanding of the deposit geometry as well as collection of sufficient sample material for metallurgical test work. While some metallurgical material was indeed collected, this remains in safe storage pending future analysis. As such, no assessment credit has been applied with respect to any element of metallurgical test work beyond the collection and bagging of the samples themselves. All such sample material remains in appropriate storage awaiting analysis once deemed appropriate,
ii. 388 (in addition to 22 duplicate) samples of sawn NQ2 and BTW sized core obtained through diamond drilling were sent for assay analysis. Samples were assayed for Nb, Ta, U and Th as well as a standard multi-element suite, by iPL of Richmond, BC.

Assessment credit has been applied through the BC online system based on a total expenditure of $1,234,935. At $902 per meter, this work was clearly expensive when compared to other exploration projects in BC. The high relative costs of the program may be explained as follows:

iii. Taseko Mines Limited concluded the acquisition of Aley Corporation in late July 2007 at which point management were desirous of an immediate exploration program. In view of the compressed time frame, the ensuing exploration program did not benefit from months of prior planning and contractor selection. Moreover, given the highly active nature of the exploration sector and availability of funding during the summer of 2007, almost all drill contractors were fully occupied.
iv. In consideration of the late commencement of exploration activities, the availability of suitable drilling equipment and contractors accustomed to working in high-alpine conditions with helicopter-only support, was limited. As such only a Hydracore prospector rig and a modified skid-mounded B20 with an Isuzu power pack were available, the former being under-powered for the job in question and the latter being large and cumbersome to move, necessitating the use of an expensive Bell 407 helicopter where a Bell 206LR would otherwise have been sufficient. These limitations, in conjunction with an inexperienced drill crew and the fact that the two rigs were owned and managed by different contractors, gave rise to a substantial increase in helicopter utilization and costs.
v. In the case of the Hydracore rig, both the torque and feedpower were inadequate with respect to drilling of the heavily jointed and intermittently sandy ground that are typical of the upper alpine component of the carbonatite intrusion. The effect of this incompatibility was to vastly reduce the efficiency of the rig while dramatically increasing all-inclusive costs on a per foot basis.

vi. Given the sole reliance on helicopter support and in consideration of the windy mountainous terrain, drill moves were time consuming. Helicopter efficiency was further impaired through adherence to restricted flight paths in order to minimize disturbance to the mountain goat community.

vii. The early onset of winter conditions (1-2' of snow by mid-September) had a marked effect on productivity and efficiency. Snow storms (common in the alpine conditions) frequently precluded helicopter flight, giving rise to highly punitive helicopter, drilling rig and crew standby costs. On many occasions, night shifts were not possible for reasons of safety and despite the installation of multiple diesel heaters and water pumps, freezing of water lines became a recurring problem, as did the freezing of the water sources themselves. At their maximum extent, the water supply lines were in the order of 10,000', with an elevation change of 1,500'. With further reference to the matter of water supply, the remote, steep and snow-encumbered nature of the property meant significant helicopter and man hours were required to maintain and periodically de-ice water lines.

viii. Niobium assay is a more specialized and costly undertaking than more common Au or Cu analytical packages.

Location and Access

The Aley claims are located in the Omineca Mining District in northeastern BC (Figure 1), centered at 56°27'N and 123°44'W. The property derives its name from Aley Creek, a prominent valley located northeast of the claims. No other named topographic features on NTS topographic sheet 94B/05 (1:50,000 scale) occur on the property.

The property is situated approximately 20 km northeast of the head of the Ospika Arm of Williston Lake. Logging roads lead from Mackenzie, BC along the west shore of Williston Lake around its head, via the Tsay Keh Dene community, and down the east shore of the same lake to CANFOR's Ospika Camp. Northern Thunderbird Air of Prince George operate a scheduled daily service that links Prince George, Mackenzie, the Ospika Camp and various other settlements by means of Cessna Caravan. Barge access has historically been available from Mackenzie (approximately 90 km south on Williston Lake) for the purposes of movement of heavy equipment, though at the time of writing had been suspended due to the vastly diminished logging activities in the region (Abitibi is the owner of the last serviceable barge). Logging roads and a caterpillar trail constructed by Cominco in 1985 once provided rough surface access to the property, however due to the poor state of repair of this trail and in consideration of time consuming permitting process for its re-establishment, site access and equipment transport during the 2007 field season was effected by Bell 206 and 407 helicopters. Helicopter access was conducted principally from the airstrip at Ospika Camp approximately 30 km from the claims as well as a staging site on a cut block 10 km from the claims

Recently-constructed logging roads under the jurisdiction of Canfor extend approximately 20 km beyond the Ospika Camp towards the property. These logging roads are proximal to the disused Cominco caterpillar trail which conditional upon permitting could be readily reopened, connecting the Ospika Camp to the road access previously made on the property. In 2005 (prior to the acquisition of Aley Corporation by Taseko Mines Limited), AllNorth Consultants of Prince George conducted a helicopter-supported survey of the access to the Aley claims via existing Canfor logging roads, upon which basis a route (on Aley claim blocks) connecting the logging roads to the disused trail was designed. The Allnorth road has been substantially modified from the previous trail in compliance with the current Forest Practices Code of British Columbia, and the Forest Road

Engineering Guide for road construction. This work was presented by Allnorth in a detailed report entitled “Aley Property Exploration Road Survey” dated September 6, 2005 by Ken MacDonald, P.Geo., The reader is advised that no assessment value derived from Allnorth’s survey, design and reporting work has been associated with or declared as a component of the current report.

Physiography and Climate

Elevations range from 1,300 m in the creek valleys to the west and south of the claim blocks to 2,233 m on the ridge to the very east of the property known as the Saddle Zone. The topography primarily consists of steep mountainous terrain with U to V-shaped glacial valleys. Small creeks drain from several peaks that form a ridge along the centre of the property in all directions. Flows are seasonal depending on snow meltwater, rain, and winter freezing and avalanche trains are evident on some of the steeper slopes

Boreal forest covers the area below the tree line (~1600-m). Much of the central part of the claims lie above the tree line and these areas are dominated by alpine shrubs and grasses. The higher elevations are commonly covered with sparse grass, broken scree, and outcrop.

The northern boreal forest region is subjected to an extreme range of weather conditions throughout the year. Summers are short, from June to late September with variably dry to wet with local storms, which may give heavy rainfall or even snow at any time. Humidity ranges from very dry to humid. Autumn is short with the rapid onset of snowstorms and heavy rains starting in late September, which effectively ends the field season. Snow stays on the ground from October through early June and may remain all year in relatively shaded patches on the peaks on the property. As such, exploration is limited to the period from June to late September only.

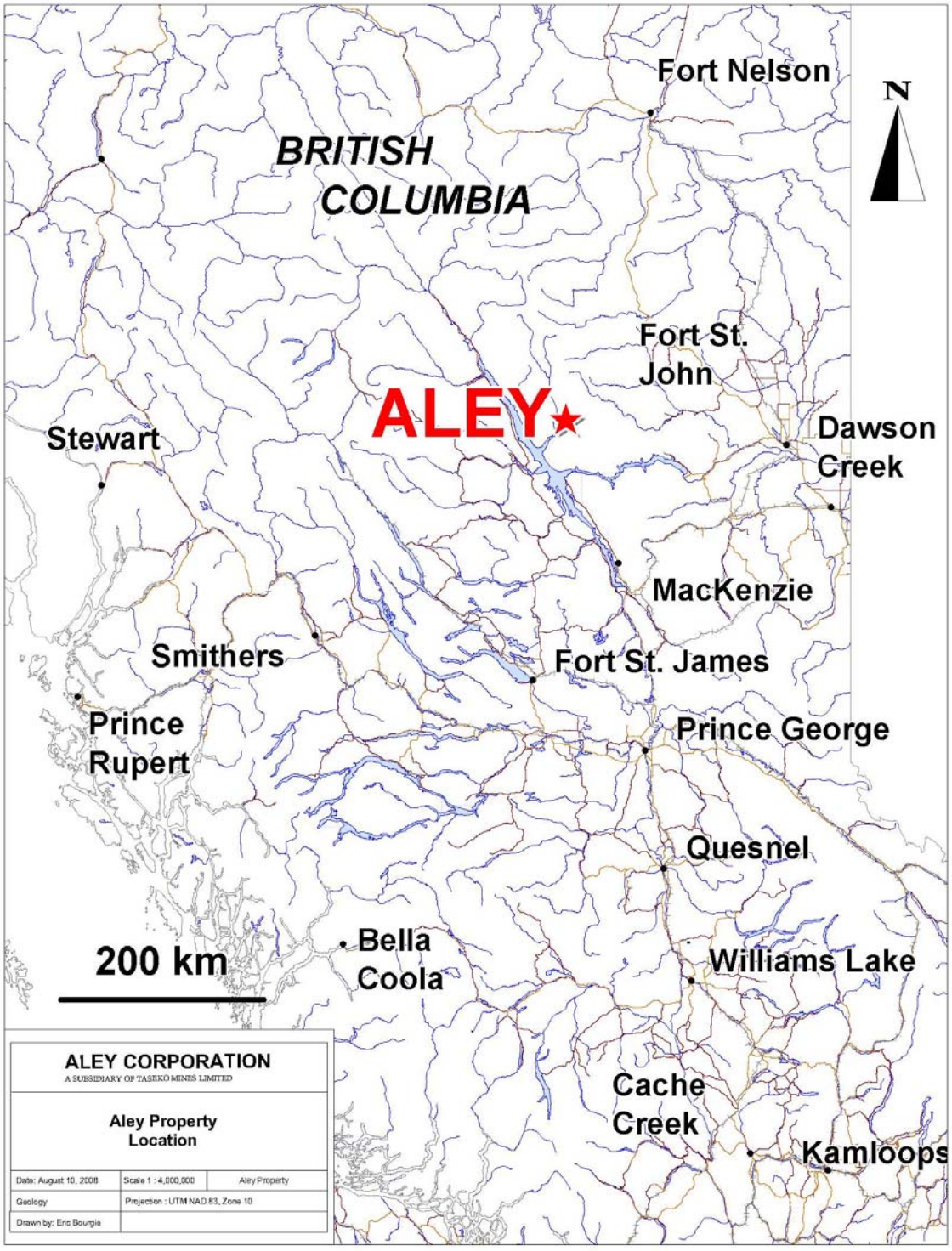

Figure 1 - Property Location Map

Claims

Taseko Mines Limited, through its wholly owned subsidiary Aley Corporation, is the 100% owner of the Aley mineral claims and was the operator of the programs described in this report. In the period from August 29 through October 11, 2007, work was conducted on one of the thirteen mineral claims that together constitute the Aley property.

A map of all claims relative to topography and road access has been presented in Figure 2a; Figure 2b illustrates the claims in which drill sites were located thereby indicating in which work was conducted. Copies of Figures 2a and 2b have been included at their original scale at the rear of this compilation. Table 1 provides a summary of claims upon which work was conducted and Table 2 a listing of claims to which assessment work has been applied.

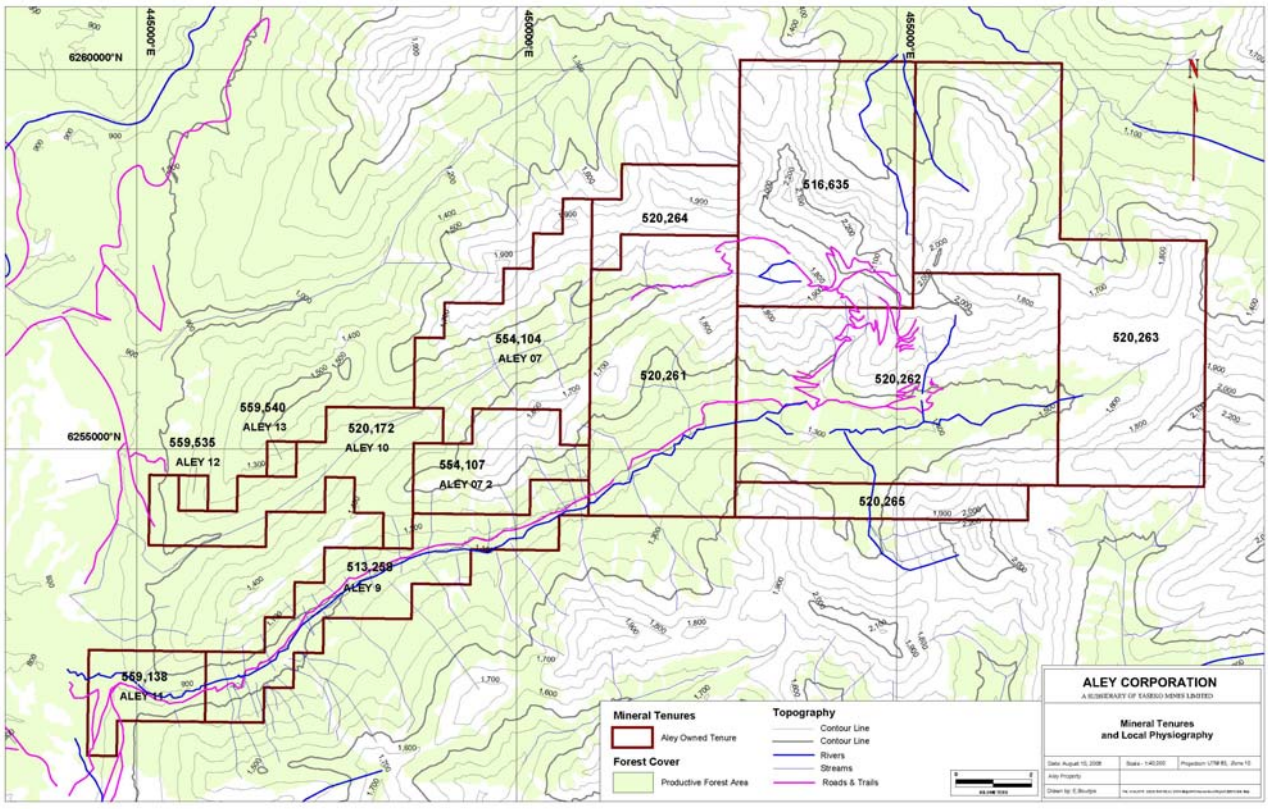

Figure 2a - Overview Claims Map

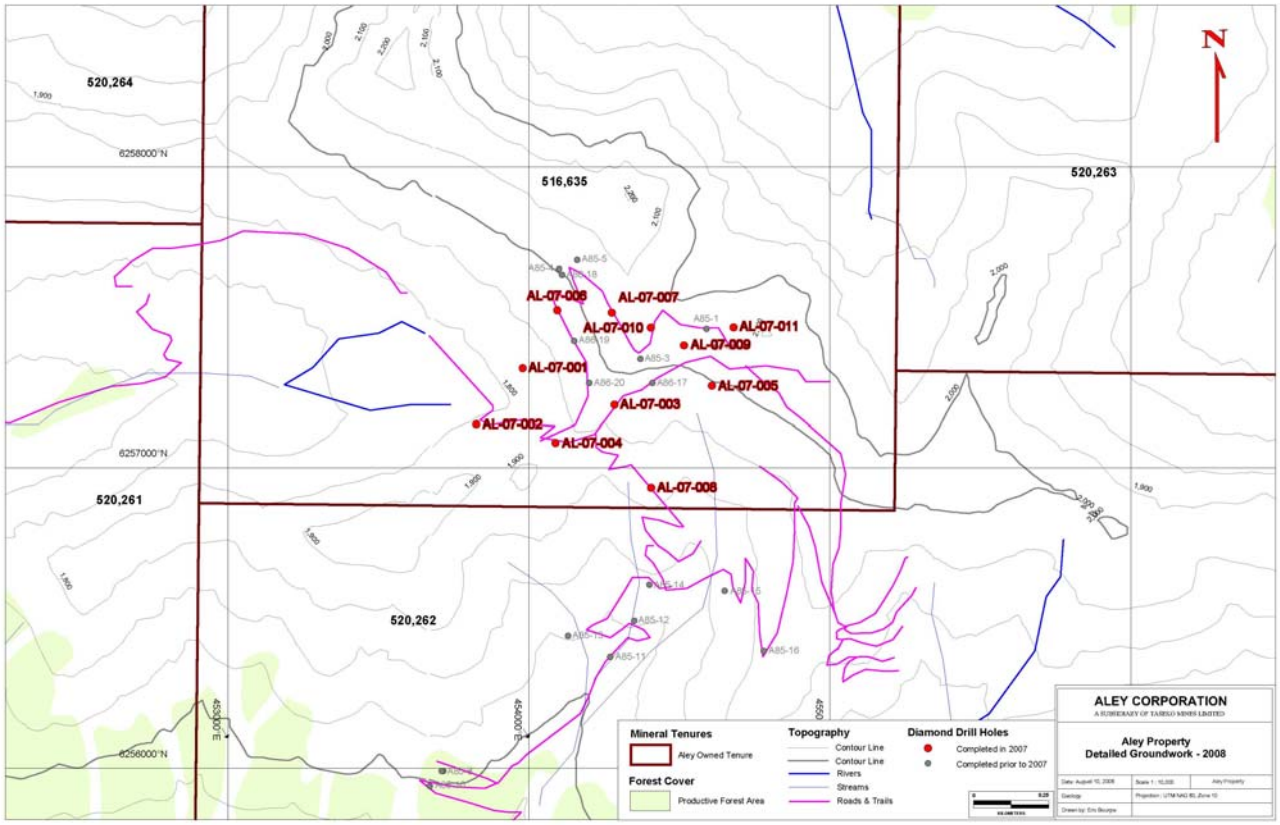

Figure 3b - Detailed Claims Map illustrating claims upon which work was conducted

Table 1 - Claims on which Work was Conducted

Tenure Number	Total Holes Drilled on Claim	Drill Hole Numbers
516635	11	2007-01
		2007-02
		2007-03
		2007-04
		2007-05
		2007-06
		2007-07
		2007-08
		2007-09
		2007-10
		2007-11

Table 2 - Claims on which Work was Applied

Tenure Number	Tenure Type	Owner	Map Number	Good To Date	Status	Area
513258	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	411.556
516635	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	750.575
520172	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	339.846
520261	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	697.374
520262	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	1072.953
520263	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	1161.984
520264	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	178.717
520265	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	178.889
554104	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	446.975
554107	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	232.517
559138	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	161.117
559535	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	17.887
559540	Mineral	200960 (100%)	094B	2018/jan/31	GOOD	17.885

Exploration History

Cominco Ltd. acquired the Aley property subsequent to an initiative in 1980 that was originally focused on the follow-up of regional base metals anomalies to the north of the property, at which time no other claims existed in the region. K.R. Pride followed the stratigraphy southeast from these anomalies and in so doing encountered what hes suspected to be a carbonatite complex. Samples collected by Pride showed evidence of carbonatite including the presence of pyrochlore. In 1982, PC LeCouteur of Cominco visited the property to collect further samples and to assess the scale of the potential body. In October 1982, claims Aley 1 through Aley 4 (80 units in total) were staked in order to cover the carbonatite complex. Additional staking in 1986 added the claims Aley 5 through Aley 7 (32 units) and the final claim Aley 8 was added in March 1986 (20 units).

Field work commenced in 1983 and continued regularly through the 1986 field season. Metallurgical studies were conducted between 1983 and 1985. No exploration was undertaken between September 1986 and September 2004, when Aley Corporation acquired control of the mineral claims from Teck-Cominco.

The initial work conducted by Cominco included

i. The construction of 20-km bulldozer access trail from Ospika barge landing to the Aley camp (1984), now partially superseded by the recent logging roads and CANFOR's Ospika Camp.
ii. The development of approximately 28 km of caterpillar trails to drill sites accessible by means of 4x4 Land Cruiser from a small camp located near the centre of the carobonatite plug.
iii. The preparation orthophotographic base maps (1983).
iv. Magnetometer surveys at both reconnaissance and detailed local grid scale (17 line-kilometers); scintillometer reconnaissance surveys.
v. Geological mapping at a scale of 1:5,000 over claims Aley 1-7, and at a 1:500 scale in the case of exploration trenching.
vi. Soil sampling on contour lines and along road banks.
vii. Rock chip sampling of outcrops, talus, road cuts with outcrop/subcrop, and all trenches (5-m contiguous samples).
viii. Diamond drilling in two campaigns totaling 3,046.36m over 19 holes in two areas of interest, namely the Saddle and Central Zones. NQ core was drilled in 1985 and BQ in 1986. All core was stored on site and sample preparation work was undertaken in the field.
ix. An environmental baseline study was initiated during the 1985 and 1986 field seasons by Norelco.
x. Metallurgical testing using gravity separation on a 4 ton bulk sample in 1983 and 1984. Some flotation testwork was carried out until 1991 with varying success.
xi. Mineralogical studies conducted on samples throughout programs.

Cominco compiled reports for each field season outlining the work carried out and the results achieved. In these reports, Cominco provided preliminary estimates for the resource based on in-house analysis, suggesting 15 million tonnes in the Saddle Zone and 15 to 20 million tonnes in the Central Zone. The details of these estimates and the grade assumed have not been recovered from the Cominco files. While there is no written record of why Cominco did not continue with work on the property, it is believed that activities were terminated as an element of the takeover of control of Cominco by Teck who owned 50% of the Niobec Operation in Quebec;

Following the acquisition of control of the mineral claims Aley Corporation in 2004, the exploration efforts concentrated on trench sampling for metallurgical material and the confirmation of previous geology and drill hole collar locations. Trenches were opened by means of drilling and blasting in the vicinity of the previous Cominco trenches cut in 1985 and 1986. The purpose of these trenches was twofold, firstly to acquire material suitable for metallurgical testwork, and secondly to confirm the grades estimated by Cominco in the 1980's. The samples were collected from trenches in the Central Zone near to the location of CZ-85-6, CZ-85-6A and CZ-85-8, and in the Saddle Zone at SZ-84-4. In total, 912 kg of sample were gathered from the Aley site. During the same period, all of the major zones identified by Cominco in their previous work were visited and drill holes locations identified and logged using GPS. This work was carried out as a means by which to validate the previous mapping and survey work undertaken using conventional survey compass mapping, as compared to current GPS technology in order to identify any systematic errors in the mapping developed by Cominco. Aley Corporation reported a "reasonable correlation" between the Cominco

sampling work and that of Aley Corporation and that in their view.GPS survey work verified the Cominco mapping as reasonable and suitable for continued exploration, with the recommendation of conducting a survey for future resource work.

In 2006, a geological review and compilation of previous drilling and trenching were performed by Dave Thomas of AMEC with the objective of evaluating the mineralization and planning the 2006 field program. The 2006 drilling program was postponed to 2007 to accommodate a study being carried out on mountain goat movements and allow more time for consultation with First Nations.

In 2006, some metallurgical test work continued on surface samples blasted from the Saddle and Central Zone trenches to which end approximately 1200 kg of material was worked on by PRA laboratories in Vancouver. .Work carried out in 2006 also included A preliminary wildlife and environmental survey executed in conjunction the Tsay Keh Dene First Nation. None of the 2006 activities have been included in the applied assessment value.

Regional Geology

The Aley Carbonatite complex intrudes the Cambrio-Ordovician sediments of the northern Rocky Mountain fold and thrust belt (Figure 3). The host of the intrusive is an assemblage of continental shelf sediments with lesser associated volcanics. The following descriptions are derived from the field work and synthesis done by U.K. Mäder (Mäder, 1986). Some of the units may exist only near the carbonatite, but this may also be due to the artifact of more detailed work near the complex, compared with the regional mapping cited by Mäder. The base is not exposed near the property and the top may be truncated by a major thrust fault.

Ages of the units are somewhat constrained by fossils. Mäder (Mäder, 1986) notes that the locally mapped units are correlative with the established formation names used by Thompson (1986) to define the stratigraphy of the Halfway River map area (94B). Mäder notes that, due to folding and faulting, no single type section exists. The thickness of the units is based on measurements of the units locally and should be considered a minimum value. The thickness of shaley units should be considered as minimum values, due to tectonic thinning.

The formations, from oldest to youngest are described below. The units within the formations are modified from Mäder (1986).

Kechika Formation (Cambrian)

Four units comprise the 1000 - > 1150 m of stratigraphy. The oldest, with no exposed base, is the *Cream Dolomite* unit. It occurs only within the contact aureole of the carbonatite intrusive in the mapped area as recrystallised dolomite marble with minor calcite marble with marly beds. Although Mäder suggest that this a contact aureole effect, he notes that the upper contact is sedimentary, not a chemical overprint. The overlying unit is the *Thin-bedded Limestone* unit with regular alternating beds of limestone and dark grey marls. Contact metamorphism recrystallises the marls into more durable rocks relative to the limestone. The *Grey Limestone* unit is an interbedded mixture of grey limestone and orange-brown siltstone and shale beds. The uppermost unit is the *Parallel Laminated* unit with buff-brown and grey thin laminated limestone bed intercalated with shaley and silty beds.

The contact is usually a fault contact in the area, but appears transitional elsewhere.

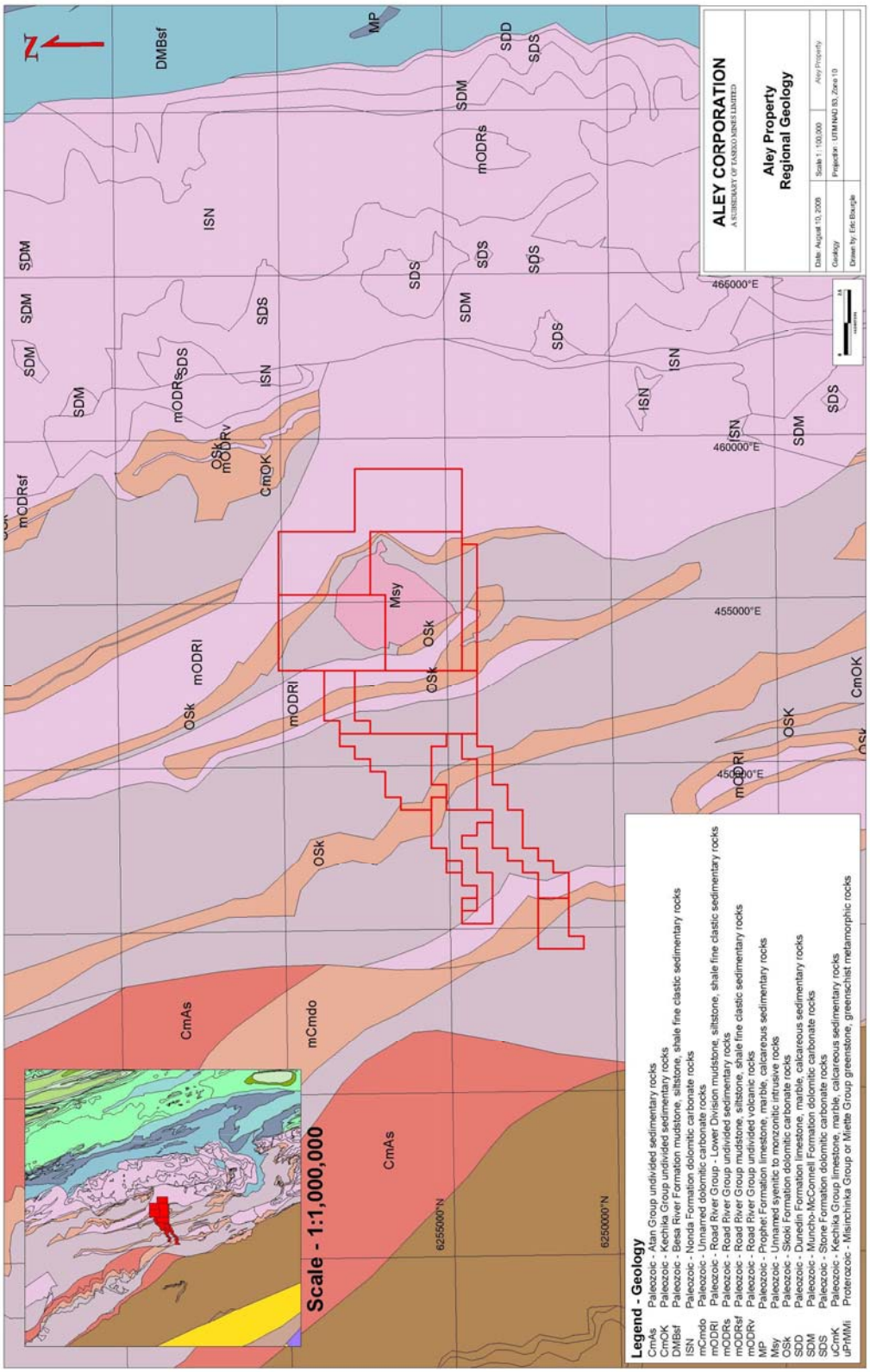

Figure 4 - Regional Geological Map

Skoki Formation (Ordovician)

The Skoki Fm is characterised by cliff-forming dolomite beds with several volcanic sequences in the middle. The *Lower Dolomite* unit forms medium to thick-bedded and massive dark grey dolomite with rare fossils. It may include beds of volcaniclastic tuffs and ash to 20-m thick locally. The *Skoki Volcanic* unit forms the middle of the formation. It generally is volcaniclastic at the base with more flows and pillow flows above. Mäder notes that where the source of volcaniclastics stops activity, the regular Skoki dolomite continue to be deposited. Mäder's sections show significant variability within the unit even within the map area around the carbonatite. Hence, the volcanic unit represents sporadic but persistent volcanism during the deposition of the dolomite. The *Upper Dolomite* unit is more massively bedded than the Lower Dolomite with the addition of minor black chert increasing towards the top. As in the Lower Dolomite, tuffs occur sporadically in the dolomite. The top of the Skoki Fm is marked by a rapid transition into the overlying black shale. The thickness is between 500 and 800 m.

Road River Group (Ordovician-Silurian)

Only the lower part of the unit was mapped near the carbonatite. The basal 750-m section is a package of mixed black shale, clastics and dolomite interbedded and can be divided into five units. The oldest is *Black Shale* unit with graptolitic black calcareous shales. The overlying unit is the *Dolomite-Black Shale* unit with well-bedded dolomite beds interlayered with laminated calcareous and/or dolomitic shale. Fossils are common in the dolomite beds. The *Sandstone* marker unit denotes an abrupt change with mature, well-sorted and graded sandstone with sharp upper and lower contacts. This unit is only 5-15 metres thick. The *Dolomite-Siltstone-Black Shale* unit, called by Mäder the Upper Dolomite-Black Shale unit, is similar to the unit below the sandstone, except that it consistently has more clastics and less dolomite than the lower unit. Ordovician graptolites occur in the black shale. It is in gradational contact with the *Laminated Siltstone* unit, which is dominated by thin-bedded fine clastics with minor dolomite beds. Silurian graptolites occur in this unit. The top contact is sharp.

The uppermost unit of the Road River Group in the map area is the *White Dolomite* unit, which weather a light grey colour. Mäder did not map the top of this unit.

The Aley carbonatite was emplaced between 330 and 360 Ma (middle to late Mississippian) in the sedimentary assemblage. This carbonatite and several others occurring along the Rocky Mountain Front are believed to be associated with deep structures along the margin of the North American Plate during the time of accretion. Mäder (Mäder, 1986) demonstrates that the carbonatite was intruded in a regime of a ductile shear zone that gave rise to metasomatism and ductile folding within the zone. The carbonatite penetrated the Cambrian Kechika Fm only. Later faulting may have truncated and displaced parts of the intrusive, but this has not been demonstrated.

The major period of structural deformation that formed the Rocky Mountains affected the sedimentary stratigraphy more than the carbonatite. The folding and thrusting within the imbricate Burden Thrust sheet folded the Paleozoic sediments into tight overturned folds with a steep westerly dip. Tectonic thinning and thrust faulting eliminated or reduced some stratigraphic elements, so that parts of the stratigraphic sequence are missing locally. The carbonatite suffered some minor shearing along the planes of mineral bands, and the dips of the mineral bands follow the enclosing rocks steeply to the west-southwest. However, it remains relatively unaffected internally by the younger folding event. Mäder notes that the orientation of several brittle shear zones dipping moderately to the west-southwest suggest that the intrusive may be cut by later

thrust faults. These projections would not affect the elevations of the mineralized zones of interest for the proposed exploration.

Property Geology

The stratigraphy discussed in the foregoing paragraphs transects the Aley property, at which point the dominant feature is the Aley carbonatite intrusion (Figure 4). The intrusion is ovoid in plan with the slightly longer axis aligned to the northeast and may be subdivided into two distinct components: an outer ring of “amphibolite” or metasomatised quartz syenite surrounding a carbonate core. The carbonate core is predominantly dolomite carbonatite with lesser amount of calcite carbonatite principally on the northwest margin. The contact between the two units is reported by all workers to be sharp, but convoluted locally. Niobium mineralization occurs only in the carbonatites.

The “syenite” (Mäder, 1986) or “amphibolite” (Pride, 1984) forms an almost complete ring around the carbonatite core, excepting a small contact area on the east side where carbonatite is mapped in contact with sedimentary rocks and the fault displacement along the southwest margin. Initial work by Cominco (Mawer, 1983) described this material as “amphibolite” since the rock is dominated by 5-40% modal Na-amphiboles (aegirine, arfvedsonite). Non-amphiboles make up the majority of the rock dominated by albite (30-60% mode) and quartz (5-50% mode) (Mäder, 1986).

The so-called ampibolite occurs in two phases. One is the massive amphibole-rich rock and the other a coarse breccia dominated by rounded amphibole-rich quartz syenite mixed with rounded clasts of amphibole-metasomatised Paleozoic sedimentary rocks, particularly pure early Cambrian quartzite that occurs some 1-km below the present surface. Pride (Pride, 1984) proposed that the amphibolite resulted from Mg and Fe metasomatisation that overprinted breccias of sedimentary rocks associated with the emplacement of the carbonatite, producing “fenitisation” as such bringing into question whether that the amphibolite indeed an intrusive rock.

Mäder (1986) observed that the rock had syenitic textures with original Na-amphiboles and the unusual petrochemistry that lead to quartz and albite dominance. This he termed quartz-albite syenite in order to distinguish it from the more common nepheline syenite normally associated with carbonatites. The rock in question had undergone extensive metasomatism that overprinted much of the original quartz-albite-arfvedsonite magmatic textures. Mader suggested that the metasomatism replaced albite and some arfvedsonite with aegirine and that quartz increased and sometimes recrystallised to form larger grains while residual albite reformed into finer grained albite aggregates.

The breccia comprises up to 30% xenoliths of quartzite and igneous rocks such as micro-syenite and albitite. Reaction rims caused by metasomatism rim the sedimentary clastics showing pervasive adsorption and formation of recrystallised quartz, albite, and secondary aegirine. Micro-syenite clasts are much less common. These too show reaction rims with similar mineralogy observed in the massive metasomatised syenite and in the sedimentary clasts.

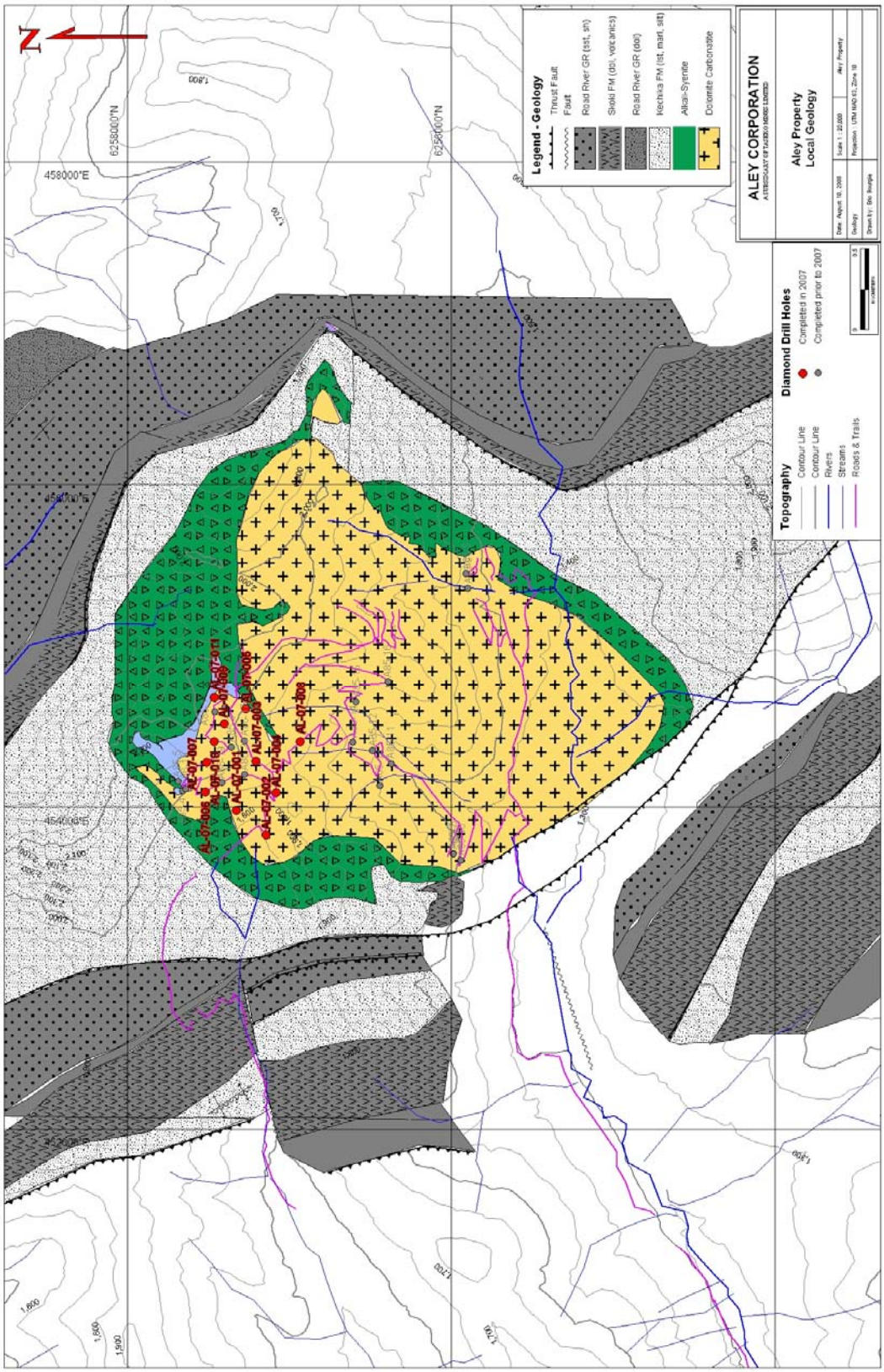

Figure 5. Property Geology Map

Mäder concluded that the syenite was intruded with concurrent brecciation and that metasomatism affected all of its phases. Both writers note that the contacts between the carbonatites and the syenite are sharp, even though the geometry can be quite complex locally with veins and shoots of carbonate in to the syenite and large apophyses of syenite remaining in the carbonatite.

The carbonatite is composed of dolomitic and calcitic phases. Dolomite carbonatite has 87-97% dolomite, 1-10% apatite and the balance as other minerals including fersmite with minor to rare pyrochlore remnants as the Nb minerals, pyrite, quartz, and albite. Calcite carbonatite is more variable in its mineral modes and typically contains calcite (40-95%), magnetite (0-40%), apatite (2-10%), pyrochlore (0-2%), biotite (1-10%), amphibole (0-5%), and pyrite (0-0.5%). The heterogeneity is due to the strong development of mineral banding.

The field relationship between the two carbonate phases is ambiguous. The dolomite carbonatite is spatially the most prominent occupying the centre and most of the margin of the exposures, probably on the order of 70% of the total carbonate area (Mäder, 1986). Calcite carbonatite is restricted to the northwest margin and as interlayers (dykes?) and apophyses in the dolomite carbonatite near the centre. The contacts are described as being sharp, if intimate. Interlayering has been recorded in drill core logs in the central area on the scale of several metres.

The contact aureole shows limited effect in the host rocks. Most of the changes are visible only within several tens of metres of the contact, but subtle colour and very weak mineral effects can be observed up to 500 m away. The principal effect is metamorphism of the carbonate sediments to weak marblisation with potassium feldspar and phlogopite. Minor elements are concentrated within 50 metres of the contact for Nb, REE, Th, and F (Mäder, 1986). The metamorphosed rock tends to have brown surface weathering colour. No calc-silicates or talc occur anywhere in or around the intrusion. The heterogeneity of the host rocks precludes a major element transfer calculation.

Mäder specifically elected not to use the term “fenite” to describe the alkali metasomatism due to his belief that the degree of metasomatism was so subtle and the major element components so little changed that using the term in the traditional sense would be misleading.

Two types of carbonatite dykes containing rare-earth minerals (REE dykes) occur near the intrusive body: the barium-rich, siliceous dykes on the northwest ridge and the barium-poor, silica-deficient dykes on the north ridge. They host a large part of the unusual minerals found on the property including a wide range of carbonates species. They are elevated in ferrous iron, sulfur, and manganese, but have low phosphate. Strontium, barium, and light rare earth elements may reach major proportion. Niobium and tantalum are depleted.

The Ospika diatreme dyke occurs about 250 metres west of the main intrusive near its centre. It lies in another thrust fault block that pushes the diatreme adjacent the carbonatite. It is 20 x 50 m with at least five breccia and massive phases. It intrudes the Skoki Fm. Contacts between phases may be sharp or gradational. The breccia clasts , which comprise up to 25% of the rock, are mainly sedimentary rock clasts ranging from 5 – 50-cm diameter.

The matrix is igneous-magmatic. The macro-minerals are phlogopite and augite with minor olivine in fine-grained calcite and dolomite with felted phlogopite, chlorite, amphibole, and pyrite. Fluorite occurs near the margins of the pipe.

Several smaller breccia dykes to 50-cm wide occur on ridges 0.5-1 km away. Although they appear similar, they are probably are not physically connected with the diatreme. There are no contact relations with the main carbonatite-syenite intrusion. Pell (Pell, 1987) classifies the diatreme and

associated dykes as ultramafic lamprophyre and notes they are relatively common near carbonatites.

Pell gives a Rb-Sr date on biotite at 334 $\pm$7 Ma and a K-Ar date on the same material as 323 $\pm$10 Ma, a bit older than the dates for the Aley carbonatite.

Two models have been proposed to explain the patterns observed at the Aley complex and may be summarized as follows:

i. Pride (1984) proposes that the intrusion started with the brecciation of the country rocks as part of the initial doming associated with the onset of the carbonatite intrusion. The calcite carbonatite intruded and was shortly followed by Mg, Na, and Fe metasomatism. This metasomatism altered the contact including the breccias to form the amphibole rock and the weak "fenitisation" of the host rocks. The Mg-metasomatism lead to the dolomitisation of the central part of the calcite carbonatite, forming the dolomite carbonatite. One result was the alteration of primary pyrochlore to dominantly fersmite and later columbite. The REE dykes and the Ospika diatreme and associated lamprophyres were emplaced in the waning stages of the intrusion.

ii. Mäder (Mäder,1986) proposes that the amphibole-rich rock is original quartz-albite-Na-amphibole syenite intruded the country rocks with associated brecciation that included xenoliths of country rock from depths to 1-km. The carbonatite intruded in two phases. The earlier one was the dolomite carbonatite, which probably was almost coeval with the syenite. The calcite carbonatite intruded the dolomitic phase and along the contact between the older carbonate and silicate rocks, leaving complexly interfingering contacts. It is possible that some of the calcite carbonatite resulted from metasomatism, too, but Mäder shows the geochemistry does not make these the carbonate equivalent of pegmatite (late-stage events). The known carbonatite processes cannot readily explain genesis of the two carbonate magmas. They do not support a parent-daughter relationship, as the calcite phase would be the parent and the dolomite the daughter, which is not supported by field relations. He concludes that they had a common magma source but followed different and unknown "paths of diversification". The metasomatism that affected the syenite was associated with the later carbonate intrusions. The metasomatic minerals in the syenite showed increases in Fe, Na, and Ti, but moderate to very strong depletions of Mg, Ca, K, Mn, and F. The latter may be deposited in the alteration of the adjacent country rocks. Mäder explains the different textures of mineral bands between the two carbonatites as a function of magma chamber fluid dynamics. He, too, believes the emplacement of the REE dykes, and Ospika diatreme breccia occurred in the final stages of contraction of the intrusion.

Mäder's model is developed well with arguments covering a range of processes. The one feature not explained is the persistent association of relatively unaltered pyrochlore with the calcite carbonatite and the altered pyrochlore (to fersmite and columbite) strongly associated with the dolomite carbonatite. It may be that the carbonatite magma was enriched in Nb and both phases contained original pyrochlore. Unknown factors in the chemistry of the dolomite carbonatite encouraged pyrochlore alteration, while these factors were not active in the calcite carbonatite magma.

2007 Diamond Drilling

Diamond drilling with a total meterage of 4,532 feet of NQ2 and BTW-sized core was undertaken over a total of 11 holes during the 2007 program at the Aley Property. The objective of the drill program was the confirmation of previous exploration work undertaken by Cominco between 1985 and 1986. The program also sought to establish a better understanding of the deposit geometry as well as collection of sufficient sample material for metallurgical test work Drilling was conducted by Peak Drilling of Courtenay, BC and Full Force Drilling of Peachland, BC using a Hydracore prospector rig and a modified skid-mounded B20 with an Isuzu power pack, respectively.

Unlike the 1985 and 1986 programs during which the property was accessed by means of cat-trail, all access to the property in 2007 was undertaken by means of helicopter, this being due to the fact that critical portions of the former access roads had collapsed and that their re-establishment in accordance with modern standards, would have been time-consuming and expensive. All drilling was performed on 16' x 16' timber pads built in-situ utilizing timber purchased in Mackenzie. Where possible, pads were constructed on the old cat trails, which had the advantage of being relatively flat, though elsewhere such pads were erected on slopes of up to 45 degrees. Wherever possible, the pads were carefully dismantled and the material subsequently re-used. Reclamation of drill sites was undertaken upon completion of drilling.

All project personnel were accommodated at Canfor's Ospika camp, situated on the lower northern flank of the Ospika arm of Williston Lake. Core logging, splitting and sampling was also undertaken at this facility, making use of the extensive outbuildings that served this purpose well. Although skeleton core was initially placed in secure storage at the Ospika Camp (inside a locked and boarded-off trailer under the supervision of a watchman), core was in 2008 removed to a permanent storage facility at the Gibraltar Mine near Williams Lake BC, itself owned at operated by taseko Mines Limited.

Table 3 lists the codes used by geological personnel when logging core from the Aley property. The logging system is based on a principal rock code, augmented by a combination of fabric and structure codes are modifiers to the rock code, such modifiers being utilized as prefixes and suffixes, respectively. As an example, while a laminated calcitic carbonatite would be logged as "lCC"; a sheared amphibolite as "AMXs". Detailed geological logs, embodying geological observations as well as downhole survey information are attached in Appendix A. Downhole surveys were performed by the drilling crews using the Reflex EZ-Shot tool by Reflex Instruments, North America Ltd. Table 4 shows the UTM coordinates for each of the diamond drill hole collars as well as the total length of core in metres.

A total of 388 samples, 22 duplicates, 11 blanks and 23 standards (one derived from low grade Aley carbonatite and the other a Canmet standards, OKA-1) were sent for assay analysis. Assay samples were collected according to geological intervals or subintervals thereof, averaging approximately 3 m sampling lengths. Competent 30 cm core sections were also collected for wax immersion specific gravity samples every 8-10 m length. All samples were sawn on site and shipped to PRA Laboratories in Vancouver, BC for preparation and from there on to IPL for analysis. Analysis for Nb, Ta, U, and Th was performed together with the standard multi-element analysis. Duplicates for quality control were forwarded to Global Discovery Labs (Teck Cominco) for XRF analysis. The remaining sawn half core was stored on site at Canfor's Ospika camp.

Sample logs for every hole are presented in Appendix B. Assay Certificates are included in Appendix C and assay methods and QAQC protocol are listed in Appendix D.

Table 3 - Aley Property Logging Codes

Rock Code	Lithology
CASE	*Casing*
OVBN	*Overburden*
OXID	*Oxide*
AM	*Amphibolite*
CC	*Calcite Carbonatite*
CD	*Dolomite Carbonatite*
CCCD	*Mixed Calcite and Dolomite Carbonatite*
AMX	*Amphibole and Mixed Carbonatite*

Fabric Code	Fabric
x	*Brecciated*
l	*Laminated*
f	*Decalcified*
v	*Veined*

Structure Code	Structure
z	*Fault*
e	*Strained*
s	*Shear Zone*
y	*Dyke*

Table 4 - Drill Hole Collars.

Hole ID	Core	UTM Zone 10 NAD 83		Elevation (metres)	Length	Casing
		Easting	Northing		(metres)	(metres)
2007-001	NQ2	453979	6257329	1791	152.4	2.5
2007-002	NQ2	453825	6257144	1792	152.4	3
2007-003	BTW	454284	6257208	1925	97.3	13.7
2007-004	NQ2	454088	6257082	1870	86.86	7.41
2007-005	BTW	454608	6257271	1964	115.9	4
2007-006	NQ2	454094	6257522	1912	152.4	3.37
2007-007	NQ2	454275	6257514	1991	134.12	3.05
2007-008	BTW	454406	6256933	1775	127.41	4.57
2007-009	BTW	454515	6257405	2038	118.56	12.8
2007-010	NQ2	454405	6257464	2065	79.25	2.5
2007-011	BTW	454680	6257465	2068	152.4	2.46

Discussion and Conclusions

The 2007 exploration program focused on confirmation of the 1985-1986 exploration drilling work undertaken by Cominco, to provide better understand the geometry of the deposit and to yield sufficient material for further metallurgical test work. As such, drill holes were located either in moderate proximity to existing Cominco holes for purposes of confirmation, or between Cominco holes in order to test for continuity. Although it had initially been the intended that drilling of the Central Zone be carried out, this was not possible prior to the discontinuation of exploration activities.

In addition to being unsafe to work in, the weather conditions gave rise to frozen water lines (notwithstanding the use of multiple pumps and heaters), them selves up to 10,000' long and with a raise of 1500' due to the fact that more proximal streams had already frozen. Also, by virtue of being helicopter portable, the rigs lacked the power or larger diameter (HQ) capacity to penetrate up to 140' of overburden and shattered, sandy bedrock found in the area. Although bentonite clay would have been the most suitable additive in terms of stabilization and improving return of cuttings, its use was limited in favour of less bulky products more suited to transport by helicopter. Total expenditure (including direct, indirect, head office costs and assaying) for the drill campaign was $1,217,571.39, giving a cost per foot of $269.20. With improved access and more appropriate equipment, costs for future exploration will be substantially lower.

Sections bearing Nb_2O_5 (%), Ta (ppm) and lithological codes[1] for the 1985, 1986 and 2007 drilling programs (plotted at a scale of 1:500) have been included in Appendix E. When reviewing the results described in the following paragraphs, it is it is important to take in to account the geological reasoning that guided the planning of the drilling pattern, specifically that niobate mineralization was thought to occur in relatively disseminated form within certain portions of the carbonatite intrusion. On this basis and with the intention of maximizing the efficiency of drilling, twinning of existing holes was not undertaken on a hole-for-hole basis and instead a hybrid drilling configuration comprising holes moderately adjacent to those drilled in 1985-1986, as well as infill holes, was deployed. As a guideline to the interpretation of results, Tisdale (2001) stated on behalf of Teck-Cominco that drilling had, at time of his writing *"indicated the potential for an open pittable resource in the order of 10 to million tones at 0.75% Nb_2O_5".* Wider context with regard to Nb_2O_5 grade systematics may be gathered from the Niobec mine in Quebec, at which ROM Nb_2O_5 grades typically range between 0.66 and 0.73%.

From the sections presented in Appendix E, the following observations may be made:

i. Nb_2O_5 mineralization in holes 07-01, 07-02, 07-04 and 07-06[2] is almost entirely below 0.5% and in the case of 07-04, less than 0.25%. This is considered to be 86-19 and 86-20 that fall within the polygon defined by 07-01, 07-02, 07-04 and 07-06 and from which they are separated by 100-220m. Were one to suppose that Nb_2O_5 mineralization occurs in a relatively disseminated form, it is possible to draw the conclusion that the 2007 drilling in this vicinity did not entirely confirm historic work. If however one instead supposes that mineralization is confined to more restricted and concentrated "swirl bands" (as is tentatively suggested with reference to the 2007 drill core), it is equally possible that the 2007 drilling fell outside a semi-linear zone of relatively high Nb_2O_5 mineralization defined by 86-19 and 86-20.
ii. Hole 07-03, which falls only 100m to the south of 85-03, exhibits Nb_2O_5 mineralization in the order of 0.1%, whereas 85-03 displays niobium mineralization in the 0.5-1% range. With reference to (i), 85-03 appears to be situated within what may potentially EW trend.
iii. Scarcely 200m to the north of 07-03, 07-07 exhibits lower concentrations of Nb_2O_5 mineralization, typically in the order of 0.1-0.5%, though in two restricted instances is in very moderate excess of 1%. The differential between 07-03 and 07-07 suggests that significant local variation in Nb_2O_5 mineralization is demonstrable within the 2007 drilling data alone.

[1] In certain cases, lithological codes were not available for the 1985 and 1986 drilling, in which cases niobium data have been represented alone.
[2] Drillhole nomenclature has been devised such that the two preceding digits represent the year of drilling (1985, 1986 or 2007) and the latter two digits a sequential continuum (for 1985-1986) that was reset to '01' upon commencement of drilling in 2007

iv. Perhaps the most stark contrast between the 1985-1986 program and 2007 exploration activity may be seen between 85-03 and 07-10. 07-10 was drilled only 100m to the north of 85-03 and while the original hole demonstrates consistent Nb_2O_5 mineralization almost entirely in the 0.4-1% range, the closely adjacent 2007 hole is almost entirely devoid of such mineralization. Check assays sent to alternative laboratories (GDL and COREM) confirm this surprising dearth of mineralization and samples from the same original analytical batch were indeed mineralized with respect to niobium. With the exception of one minor amphibolitic intersection, all core from 07-10 was logged as carbonatite; verification of core photographs confirm that this was indeed the case.

v. Hole 07-09 exhibits Nb_2O_5 mineralization generally in excess of 0.5% with significant intersections in greater than 1%. It should also be noted that 07-09 was drilled approximately 100m to the southwest of 85-01 and 85-02, both of which demonstrated Nb_2O_5 grades in the order of 0.5%. Of all drilling conducted in 2007, 07-09 provides the closest confirmation of historic work.

vi. 07-05, which was drilled approximately 100m to the south of 85-01 and 85-02 display Nb_2O_5 mineralization in the 0.5-1% range, albeit punctuated by the presence of numerous amphibolitic dykes.

vii. To the northeastern most extent of the area drilled, 07-11 falls within 50m of 85-03, the former demonstrating apparently consistent Nb_2O_5 mineralization in the 0.4-1% range.

viii. In an attempt to understand the mineralized extent of the carbonatite immediately to the south of the Saddle Zone, hole 07-08 was drilled. With exception of minor mineralization in its uppermost and lowermost portions, this hole is largely negative, further illustrating the discontinuous nature of mineralization.

ix. In terms of the relationship between niobium grade and carbonatite facies (specifically calcitic or dolomitic, as referred to in the section of the report entitle “Property Geology”), no clear or consistent trend may be recognized. Using 07-09 as an example, calcitic carbonatite (CC) exhibits Nb_2O_5 mineralization in the ordered of 0.1% at 45m while at 84m in the same hole, CC shows Nb_2O_5 mineralization in excess of 2% - the highest value recorded during the 2007 exploration program. In a similar fashion, dolomitic carbonatite (CD), displays notable heterogeneity with respect to Nb_2O_5 mineralization: at 54m in hole 07-07, CD is mineralized in the order of 0,1%, while in close proximity at 64m, the same facies displays values in excess of 1%. With the exception of very rare cases, amphibolite (essentially of syenitic composition) in unmineralized.

x. With regard to the relationship between niobium and tantalum there, a degree of positive correlation the two elements may be observed (for example 07-06), though elsewhere an inverse correlation is noted (07-01 and 07-02)

In conclusion, while the results of the 2007 exploration program do, in part, confirm the work undertaken by Cominco in the 1980’s, it is clear that:

xi. Strong niobate zonation exists within the Saddle Zone, probably due to the fact that mineralization occurs in a variable array of banded, aggregated and disseminated forms. It is proposed that these textures owe their origin to convection currents in the sub-solidus apatitic magmatic intrusion: as cooling took place and the melt became a Ca-Mg crystal mush, niobate mineral phases, together with minor magnetite were thrown by means of centrifugal action into a series of swirls shortly prior to final crystallization. Settling of the niobates does not appear to have occurred (or occurred in full at least) which has been tentatively explained in terms of the relatively moderate density gradient between the apatitic melt and the niobate phases, as well as the advanced stage of crystallization.

xii. It should be understood that the Saddle Zone almost certainly does not represent a homogenous 'pod' of mineralization within the carbonatite and that future exploration should be designed to identify and better define mineralized features within the Saddle and Central Zones. At present, continuity between mineralized intercepts cannot be assumed as might be the case in deposit types where grade tends to be well disseminated. It is also noted that due to equipment limitations, drilling did not exceed a depth 152m hence the possibility of extension of mineralization at greater depth remains untested.

xiii. The grades attained during the 2007 program are generally lower than those reported by Cominco with respect to the 1985-1986 programs,

xiv. Very closely spaced drilling will be required to gain a more objective understanding of zoned "swirls" in which the mineralization appears to occur.

Recommendations for further work

Any drilling proposal aimed at gaining a better understanding of the mineralized potential of the Saddle and Central Zones should take into consideration the heterogeneity of the carbonatite intrusion, as well as the laterally restricted distribution of Nb_2O_5 mineralization. To gain confidence in the continuity of mineralization, a higher that average drill density is envisaged in order define known occurrences. At both zones, drilling should ideally be complimented by surface trenching in order to recover additional sample material – much of which would occur along access trails.

With improved access, more appropriate equipment and contractors, costs for future exploration will be substantially lower than those presented in this report.

Statement of Costs

Please see overleaf

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Ashley Nystrom, Technician,	Oct 2-15, Nov 1-12 (Core Splitting)	26	$360.00	$9,360.00	
Crystal Chung, Junior Geologist	Sep 12-25	13	$360.00	$4,680.00	
	Sept 26-Oct 31	19	$500.00	$9,500.00	
Dominique Bailey, Technician	Sep 12-27	15	$375.00	$5,625.00	
Eric Bourgie, Project Coordinator	Sep 14, Oct 1-6	7	$400.00	$2,800.00	
	Oct 7-13, 16-31, Nov 4-9, 25-26*	30.7	$540.00	$16,578.00	
Jeremy Crozier, Project Manager	Sep 1-4, 6-17, 19-24, Sep 26-Oct 17	25.75	$750.00	$19,312.50	
	Oct 21, 29-31, Nov 14-15, 27-30*	23.25	$900.00	$20,925.00	
Richard Roe, Senior Technician	Aug 25-Nov 4	71	$335.00	$23,785.00	
Jim Oliver, Consulting Geologist	Sep 12-16	5	$810.00	$4,050.00	
	**dates listed include partial days worked*				
				$116,615.50	**$116,615.50**
Office Studies	**List Personnel (note - Office only, do not include field days)**				
Database compilation	Gwendolen Ditson, Senior Geologist	6.9	$500.00	$3,425.00	
	Si Yuan Lee, Data Technician	0.3	$500.00	$125.00	
Computer modelling	Yury Lichtarov, Resource Modeller	3.0	$500.00	$1,500.00	
Reprocessing of data (graphics reproduction)	Brad Lodge, Draftsman	2.0	$450.00	$900.00	
	Graham Neale, Graphics Technician	0.5	$500.00	$250.00	
General research	Dave Yeager, Senior Geologist	9.5	$500.00	$4,750.00	
Report preparation	Jeremy Crozier, Project Manager	2.0	$900.00	$1,800.00	
	Crystal Chung, Junior Geologist	4.0	$500.00	$2,000.00	
Project Planning	Mark Rebagliati, PEng	0.5	$1,128.00	$564.00	
	Richard Roe, Senior Technician	4.0	$260.00	$1,040.00	
QAQC Management	Eric Titley, Senior Geologist, QAQC	3.3	$600.00	$1,950.00	
		3.5	$770.00	$2,695.00	
Metallurgical Advice	Stacy Freudigmann	0.1	$740.00	$74.00	
Permitting and Engineering	Allnorth consultants		total job	$4,393.00	
Archaeological Overview Assessment	Archer CRM partership		total job	$585.00	
				$26,051.00	**$26,051.00**
Diamond Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Peak Drilling Ltd.	644 meters at NQ2		total job	$216,643.00	
Full Force Drilling Ltd.	805 meters at BQTW		total job	$191,238.00	
CJL Enterprises	Contruction of 11 drill pads - 2 pad builders @ $450 and $425 per day respectively; 2 helpers @ $375 per day		total job	$50,168.00	
Cordwood Industries	Supply of lumber for construction of drill pads		total job	$9,493.00	
				$467,542.00	**$467,542.00**
Other Operations	**Clarify**	**Days**	**Rate**	**Subtotal**	
Storage, handling, shipping and logistics	Bogart Cross, Logistics Technician	14.3	$500.00	$7,125.00	
		0.3	$570.00	$142.50	
	Keith Odribege, Warehouse Manager	2.5	$420.00	$1,050.00	
	Ted Oliver, Database Manager	5.0	$580.00	$2,900.00	
Administration	Renee Wardell, Admin Asst.	0.3	$470.00	$141.00	
				$11,358.50	**$11,358.50**
Transportation	**Clarify**	**No.**	**Rate**	**Subtotal**	
Airfares and taxis	Flights: YVR - Prince George - Ospika		total job	$6,485.00	
Truck rental	Ron Ridley Rental, Williams Lake, two Ford F-350 pick-up trucks at $220 per month, plus $0.5 per kilometer, plus damage repair	2.00	$6,737.00	$13,474.00	
Fuel	CANFOR forest products - site fuel (771 litres gasoline, 5530 litres diesel)		total job	$10,166.00	
	Canwest propane - propane for heating of water lines and drill infrastructure		total job	$1,901.00	
Helicopter	Yellowhead helicopters - provision of 1 x Bell 407 at $1850 per hour, plus fuel, plus GST including pilot and engineer, for a total of 121.4 hours, using 22153 litres of Jet-B		total job	$278,104.00	
Road repair	Rental of motor grader to effect repair of Ospika FSR to effect access to Ospika Camp and helicopter staging area. Cordwood industries, $120 per hour plus GST.		total job	$13,440.00	
Sample Transport	Transport of sawn half-core from Ospika Camp to PRA laboratories, Vancouver; shipment of miscellaneous materials and srill supplies to Ospika during project execution. Russell Transfer, $70 per hour for truck and driver plus $45 per hour expediting		total job	$8,759.00	
				$332,329.00	**$332,329.00**
Accommodation & Food	**Rates per day**				
Rental of Ospika Camp from CANFOR	All-in rate of $1100 per day irrespective of occupancy, Aug 26-Oct 16		total job	$61,647.00	
Central and Interior Catering	2 x personnel @ $450 per day plus food at cost plus 15% for entire team		total job	$89,233.00	
				$150,880.00	**$150,880.00**
Miscellaneous					
Field equipment purchase	Safety equipment, 2 x GPS, sample bags and tickets, tools, water supply equipment, first aid equipment		total job	$59,050.14	
Scanning and digitisation of large format historic maps	Arcprint and Imaging		total job	$3,544.02	
				$62,594.16	**$62,594.16**
Sample analysis and Assay					
Process Research Associates		440.0	$149.83	$65,923.00	
Global Discover Laboratories		22.00	$74.65	$1,642.24	
				$67,565.24	**$67,565.24**
TOTAL Expenditures					**$1,234,935.40**

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Statements of Authors' Qualifications

I, ***Crystal J. Chung*** do hereby state:

1. That I am an employee of Hunter Dickinson Incorporated, with offices located at Suite 1020 - 800 West Pender Street, Vancouver, British Columbia.
2. That I am a graduate in of the University of British Columbia, Vancouver with a Bachelor of Science in the Earth and Ocean Sciences Program in 2005.
3. That I am registered as a Geoscientist-In-Training (GIT) with the Association for Professional Engineers and Geoscientists of British Columbia (APEGBC).
4. That I have been employed as a geologist since graduation.

Signed on the 17 day of August, 2008

Crystal J. Chung, B.Sc., GIT

Statements of Authors' Qualifications

I, ***Jeremy S. Crozier*** do hereby state:

1. That I am the Exploration Projects Manager for Taseko Mines Ltd., with offices located at 1020 – 800 West Pender Street, Vancouver, B.C.
2. That I am a graduate of the University of St.Andrews, Scotland (B.Sc., 1995) and have been employed as an exploration a geologist since that time. I subsequently earned an MSc degree from the University of the Orange Free State, South Africa (2001, part time) and an MBA from the Ecole des Hautes Etudes Commerciales, Montreal (2004).
3. That my experience has given me considerable knowledge in geological, geochemical and geophysical prospecting techniques as well as in the planning, execution and evaluation of exploration drilling programs.
4. That the accompanying Statement of Costs is an accurate statement of expenditures on the project.

Signed on the 17 day of August, 2008

Jeremy Crozier, MBA, MSc BSc.(Hons)

APPENDIX A

GEOLOGICAL LOGS

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-001**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	453979.00	6257329.00	1791.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		152.40
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	152.40	152.40

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 05-Oct-07 | Hole ID: **2007-001**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	2.5	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; no core rock recovery.														
2.5	17.5	OVBN			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Cored talus/overburden. Rounded-subrounded rubble of mixed rock fragments (weakly calcareous).														
17.5	22.0	gCC		VW	amphibolite calcite dolomite silica	 10 20	 Generally occurs as diffused buff-brown coloured bands (up to ~3cm wide). Moderately silicified matrix; weak sucrosic texture noted.	nb ma py	0.1	Fine-medium sized (<0.1-0.3cm) subhedral-euhedral grains of red-brown and dark grey black noted scattered in matrix. Some can be slightly irregular in shape.	laminations veining	vw w	45	Very weak alignment of matrix grains forming weak laminations. Difficult to determine vein density/orientation due to brokenness of core rock. Diffused and discontinuous brown bands at various orientations.
Dappled blue-grey and cream, medium grained (up to 0.4cm across) calcite carbonatite. Matrix is weak-moderately silicified and matrix grains appear to have very weak alignment. Minor wisps and diffused bands of finer grained buff-brown dolomitic matrix (more reactive to HCl). Hard but blocky and rubble core rock; likely due to vicinity of top of hole. Fracturing tends to be orientated at ~30 degrees to core axis.														
22.0	26.2	gCCCD		W	amphibolite calcite dolomite silica	0.1 25 20	Pale to dark grey-green blebs (up to 0.4cm across) noted scattered throughout matrix; possibly chlorite(?). Matrix appears to be weakly overprinted with pale peach-buff colouring. Darker bands often finer grained. Moderately siliciifed matrix, generally in zones of slightly coarser grained.	nb ma py	0.2	Small-medium sized (<0.1-0.3cm) subangular-angular aggregates. Some euhedral grains also noted. Mostly dark black-brown colouring, possibly fersmite(?).	laminations veining	vw w	40 35	Weak alignment of matrix grains forming weak diffused laminations. Very diffused and diffused (aggregated) mineralized stringers (<0.2cm wide).
Poor-fair core rock recovery (~75%). Mottled pale blue-grey and peach-buff coloured, weak-moderately silicified, calcite-dominated mixed carbonatite. Most of matrix is medium grained (up to 0.3cm across) with minor buff-brown finer grained dolomitic washes. Moderately hard and blocky core rock; fracturing mostly orientated at ~35 degrees to core axis. ~0.1% fine grains of black-brown micas(?).														
26.2	28.4	gCC		VW	amphibolite calcite dolomite	 15	 Buff-brown, sandy texture washed, tends to be weak-	nb ma	0.15	Fine-medium sized (<0.1-0.3cm) subhedral-euhedral red-brown and dark black-brown aggregates.	laminations veining			
Dappled medium blue-grey with cream coloured blebs, fine grained, moderate-strongly silicified calcite carbonatite with patchy zones (~15% of interval) of buff-brown dolomite.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Hard and slightly blocky core rock with no dominant breakage orientation. Buff-brown dolomitic zones tend to be weakly decalcified, breaking down core (minor rubble zones) and giving surfaces a sandy texture.							moderately decalcified (slightly blocky/rubble core).	py	0.05	Rare-trace amounts of small brassy blebs (up to 0.2cm across) noted in upper portion of interval.				
					silica	25	Moderate-strongly flooded by grey silica, except in decalcified dolomitic zones.							
28.4	33.1	glCD		M	amphibolite			nb	0.2	Irregularly shaped blebs and aggregates of red-brown (up to 0.3cm across). Some dark black-brown grains also noted (fersmite?).	laminations	w	50	Weak laminations throughout matrix; defined by weak alignment of matrix grains and diffused banding of calcitic and dolomitic zones.
Fair core rock recovery (~80%). Weakly laminated, fine grained (<0.1cm), buff-brown dolomite carbonatite with minor blue-grey calcite content. Weakly decalcified matrix, giving core surface a slightly pitted texture. Moderately hard and slightly blocky core rock; no preferred breakage orientation.					calcite	10	Minor zones of slightly coarser grained, silicified grey calcite.				veining	vw		Narrow, diffused veinlets of dolomite/calcite and of niobates; no dominant orientation.
					dolomite			ma						
					silica	2	Appears to be grey silica flooding calcitic zones.	py						
33.1	38.2	glCC		VW	amphibolite	0.3	Pale-medium grey green blebs noted scattered in matrix, generally associated with niobate mineralization; chlorite (?).	nb	0.3	Mostly medium (up to 0.3cm) grained subhedral-euhedral aggregates/blebs of red brown. Some dark green coloured grains also noted.	laminations	vw	45	Weak laminations noted in patchy zones, mainly defined by weak alignment of matrix grains.
Very weakly laminated and speckled, medium grained, light blue-grey calcite carbonatite. Minor zones of dolomite/weak iron staining. Weak-moderately silicified with some sucrosic textures. Hard, blocky and broken core rock; fracturing generally orientated at ~20 and ~55 degrees to core axis.					calcite			ma		Possible rare amounts of finely disseminated magnetite; very fine silver-black specks noted in locallized clusters within matrix.	veining	w	20	Low vein density, mostly very diffused bands carrying aggregated mineralization, following low angled laminations.
					dolomite	7	Occurs as irregular and diffused peach-buff coloured washes and bands (up to ~2cm wide).	py						
					silica	5	Weak-moderately silificied matrix, giving sucrosic textures; white and very pale grey silica.							
38.2	41.1	dCC			amphibolite	1	Pale yellow-green blebs noted scattered throughout matrix.	nb	0.2	Fine-medium disseminated grains, occasionally bladed in shape (up to 0.3cm across long axis). Red-brown colouring.	laminations			Possibly very weakly laminated; silica flooding overprints most original textures (if present).
Weak-moderately silicified, medium grained (up to 0.4cm across), blue-grey calcite carbonatite. Trace-minor amounts of wispy brown dolomite/iron staining. No reaction with HCl. Moderately hard and slightly blocky core rock; fracturing mostly at ~40 degrees to core axis. Minor zones (<5% of interval) comprised of shattered rubble. ~0.1% small-medium sized (up to 0.3cm) pale yellow hexagonal mica prisms (phlogopite?).					calcite			ma			veining	vw	40	Low vein density; mostly appearing to be diffused dolomitic bands (up to ~0.3cm wide).
					dolomite	2	Mostly occurs as narrow, diffused stringers (up to ~0.3cm wide). Occasional very pale coloured wash overprinting matrix.	py						

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica	10	Weak-moderately silicified matrix.							
41.1	42.4	dlCCCD			amphibolite calcite dolomite silica	 5	 Alteration product(?). Irregular washes and bands with decreased grain size appear to overprint original textures. Weak-moderately silicified.	nb ma py	0.6	Fine-medium disseminations of dark brown/black, scattered throughout matrix; fersmite(?).	laminations veining	w	40	Weak laminations, noted by slightly orientated "banding" of peach-buff colouring.
Mottled peach-buff and blue grey mixed carbonatite unit. Calcite and dolomite contents appear to be fairly equal. Matrix is weak-moderately silicified. Weak porphyritic texture with mostly blue-grey (grey silica?) and cream coloured grains. No reaction to HCl. Moderately hard and competent core rock. Minor fracturing with no preferred orientation.														
42.4	46.8	gxCCz			amphibolite calcite dolomite silica	 5 7	 Trace-minor amounts of irregular and diffused cream-buff stringers. Almost appears as an alteration effect. Moderately silica flooded section (grey quartz?).	nb ma py	0.1	Trace amounts of rounded-subrounded red-brown blebs scattered in matrix; generally associated with cream-buff stringers. Possible rare amounts of finely disseminated magnetite (?; small silver-black grains, non-magnetic, noted).	laminations veining	vw	40	Very weak laminations noted in more intact sections. Appears to have been overprinted by silicification. Diffcult to determine vein density/orientation due to brokenness of core rock. Moderate-strongly calcareous veinlets appear to be present.
Fault zone(?); very broken, shattered core rock. Moderate silicified, medium grained blue-grey calcite carbonatite. No reaction with HCl. Trace-minor zones of rusty-brown (reactive with HCl), generally noted on fracture surfaces. Matrix has a weak and diffused brecciated texture with rounded-subrounded blue-grey "clasts" and a surrounding matrix of diffused cream-coloured stringers. Moderately hard, somewhat blocky and very broken core rock; no preferred breakage orientation. ~25% of interval comprised of intact core. The remainder is large subangular fragments of shattered core.														
46.8	47.9	gCC	W		amphibolite calcite dolomite silica	 15 10	 Mainly occuring as medium grey-brown, diffused stringers/bands (up to ~2cm wide). Moderately silicified (appears to be grey quartz)	nb ma py	0.1	Trace amounts of rounded-subrounded red-brown blebs (<0.3cm across) scattered throughout matrix. Appears to be very weakly forming very discontinuous stringers.	laminations veining	vw w	 45	Very weak laminations noted, diffcult to determin orientation; appears to have been overprinted by silicification. Low-moderate vein density; locallized in upper portion of interval
Similar to unit uphole at 42.37-46.75m. Moderately silicified, medium grained blue-grey calcite carbonatite; very weak reaction with HCl. Slight increase in dolomite content than above, occurring as medium grey-brown bands (up to ~2.5cm wide). Matrix has a very weak brecciated texture with lighter coloured "clasts" with weakly diffused contacts and darker grey or cream stringers infilling open-spaces. Hard and slightly blocky core rock; preferred fracturing at ~40 degrees to core axis.														
47.9	51.1	gCC	VW		amphibolite	1	Pale to dark green coloured grains and blebs (up to 0.2cm across) noted throughout matrix; possible chlorite or green micas(?).	nb	0.3	Fine-medium sized, subhedral-euhedral aggregates (<0.1-0.3cm across). Some show weak poikioblastic textures with red-brown or rusty-black-brown	laminations veining	w w	45 55	~40-50 degrees to core axis; weakly defined by slight alignment of matrix grains and weakly orientated diffused "bands" of colour variation. Low-medium vein density; niobate
Dappled medium grey and cream, fine-medium grained (<0.1-0.3cm), calcite carbonatite. Minor pervasive iron staining/dolomitic overprint(?). Weakly flooded with grey silica. Moderate hard and competent core rock; trace fracturing														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							with no preferred orientation. ~0.2% medium grained (up to 0.3cm across) brown-black clots scattered throughout matrix, appears to be dark mica flakes.							
					calcite					colouring (pyrochlore and fersmite, respectively?).				grains forming very discontinuous stringers.
					dolomite	20	Pervasive overprinting(?) of pale buff-brown colouring. Tends to be irregular but slightly orientated washes or bands associated with niobate mineralization.	ma						
					silica	5	Weak-moderately silicified matrix.	py						
51.1	54.9	dCC		VW	amphibolite			nb	0.2	Fine-medium disseminated red-brown blebs (<0.1-0.2cm across). Medium sized (up to 0.4cm) brown clots often associated with mineralization.	laminations			
							Weak-moderately silicified, fine-medium grained (<0.1-0.3cm across), blue-grey calcite carbonatite. Very weak and localized reaction with HCl. Minor dolomitic content; mostly occurs as diffused bands throughout matrix (generally more reactive to HCl). Fairly hard and competent core rock; fractures tend to be orientated at ~45 degrees to core axis. Most fractures along narrow diffused cream coloured bands.				veining	vw	50	Low vein density, appears to be mostly narrow cream and white more calcareous stringers (<0.2cm wide).
					calcite									
					dolomite	10	Very diffused and irregular buff coloured bands (up to ~3cm wide). Alteration product(?).	ma						
					silica	5	Weakly silicified matrix (grey quartz?); with weak-moderate sucrosic textures.	py						
54.9	57.6	dCCCD		VW	amphibolite	0.2	Dark black-green blebs and specks tend to be associated with niobate mineralization; possible chlorite(?).	nb	0.15	Trace-minor amounts of fine-medium disseminated red-brown grains (<0.1-0.2cm across), scattered in matrix.	laminations			
							Mottled buff and light grey, medium grained (0.2-0.5cm), calcite-dominated mixed carbonatite. Dolomite occurs as irregular and weak washes, almost as an alteration phase. Patchy zones of silicified blue-grey calcitic matrix (appears to be slightly brecciated. Moderately hard and competent core rock; minor fracturing with no dominant orientation.				veining	vw	30	Diffused "veinlets"/bands of buff-brown (up to ~0.5cm wide).
					calcite									
					dolomite	20	Weakly pervasive overprinting of matrix with pale buff colouring (alteration product?). Buff-brown dolomitic blebs also noted throughout matrix and often have weak decalcification textures.	ma						
					silica	2	Locallized grey silica flooded zones, generally in calcitic sections.	py						

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GEOLOGY LOG

Log by: Crystal Chung | Date: 05-Oct-07 | Hole ID: **2007-001**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
57.6	64.5	dfCCCD		M	amphibolite	0.5	Dark green-black subangular-angular shaped grains noted; likely chlorite clots (<0.4cm across).	nb	0.8	Finely disseminated (<0.1cm) to medium sized aggregates (up to 0.3cm) present. In more dolomitic sections, grains are often aligned and forming very discontinuous stringers. Red-brown and brown-black colouring.	laminations	w	40	Weak laminations; defined by diffused bands of different coloured matrix.
					calcite						veining	w		Low vein density; very diffused niobate bearing bands noted with no measurable orientation.
					dolomite		Weakly variable composition; evidenced by range of colours (pale buff to medium brown). Often occuring as decalcified and diffused wisps and washes.	ma	0.05	Rare-trace amounts of finely disseminated silver-black magnetite grains; mostly noticed in upper portion of interval.				
					silica			py						
64.5	68.7	gCCCD		W	amphibolite	0.5	Fine-medium sized blebs of dark green noted; chlorite(?).	nb	0.7	Fine-medium grained (up to 0.3cm across) disseminated and aggregated niobates. Mineralization is scattered throughout matrix.	laminations	vw	35	Locallized and very faint laminations; defined by slight alignment of matrix grains.
					calcite						veining	vw	30	Low vein density; appears to be diffused cream-white, weakly calcareous veinlets (up to ~1cm wide).
					dolomite		Pale buff-brown colouring appears to be a weak-moderate overprint of matrix (alteration product?).	ma						
					silica	7	Matrix appears to be weak-moderately silicified.	py						
68.7	75.2	gCCCD		W	amphibolite	0.3	Dark green subrounded clots noted throughout matrix, often associated with niobate mineralization; chlorite(?).	nb	1.5	Fine-medium grained red-brown and dark black-brown aggregates (<0.1-0.5cm across). Mostly scattered throughout matrix, some rarely forming very discontinuous stringers.	laminations	vw	35	Locallized and very faint laminations noted in matrix. Defined mostly by alignment of matrix grains and occasionally by very diffused dolomitic bands (up to ~0.5cm wide)
					calcite						veining	vw	45	Very low vein density; mostly diffused bands of buff dolomite. Occasional discontinuous niobate stringers.
					dolomite		Slightly variable composition; evidenced by slight colour variations in generally buff-coloured rock. Possible alteration product (weak-moderate overprinting).	ma						
					silica	5	Weakly silicified matrix (grey quartz).	py						

Mottled buff and light grey, fine-medium grained (<0.1-0.4cm) mixed carbonatite. Fairly equal amounts of fine grained buff-brown dolomite and cream-grey, slightly coarser grained calcite throughout interval. Weak decalcification textures noted on core surface, mainly limited to zones of buff-brown.
Moderately hard and slightly blocky core rock; fracturing tends to be orientated at ~30 degrees to core axis. Minor zones (~7%) of rubble; appears to be zones of strong decalcification.

~0.2% fine (up to 0.1cm across) black-brown and pale yellow mica specks throughout matrix.

Speckled and mottled buff and cream-grey, fine-medium grained, weakly silicified mixed carbonatite. Very weakly calcite dominated matrix; medium-coarse grained (up to 0.5cm across) pale grey grains with fine grained medium buff coloured "matrix".
Moderately hard and competent core rock with minor amounts of fracturing at ~25-35 degrees to core axis.

~0.2% fine-medium black-brown aggregates scattered in matrix; likely to be mica grains.

Speckled and mottled buff and cream-grey, fine-medium grained mixed carbonatite. Fairly equal amounts of medium grained grey calcite and fine grained buff-brown dolomite. Calcitic zones appear to be weak-moderately silicified.
Moderately hard and fairly competent core rock with fracturing dominantly orientated at ~55 degrees to core axis.

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INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
75.2	79.3	gCD		S	amphibolite calcite dolomite silica	7	Locallized patches of blue-grey calcite carbonatite present, mostly in upper part of interval. Dolomite content in this zone almost appears to be an alteration product. Slightly variable composition.	nb ma py	1.5	Fine-large aggregates of red-brown and dark black-green colouring (<0.1-0.7cm across). Subangular-angular in shape, forming minor irregular discontinuous bands (up to ~1.5cm wide).	laminations veining			
Buff-brown, fine grained (<0.1cm) dolomite carbonatite. Weakly decalcified matrix with weakly pitted texture. Slightly blocky core rock with ~12% shattered and rubble fragments. Dominant breakage orientation at ~50 degrees to core axis.														
79.3	95.5	gfCDz		S	amphibolite calcite dolomite silica	0.5 5	Dark green blebs (up to 0.4cm across) noted; possibly chlorite(?). Light blue-grey, slightly coarser grained locallized zones; appears to be weakly silicified.	nb ma py	0.7	Seen in more intact core rock; finely disseminated to coarse aggregated (<0.1-0.5cm across), subangular-angular red-brown and dark grey green grains.	laminations veining	w	30	Diffcult to determine vein density/orientation due to brokenness of core rock. Appears to be mostly veinlets of grey-white calcite and chocolate-brown dolomite (up to ~1cm wide).
Poor core rock recovery (~5%). Light-medium buff-brown fine grained dolomite carbonatite with minor zones of blue-grey calcite content. Weak-moderately decalcified matrix, pitted textures noted in more intact core. Weak-moderately brecciated with grey calcitic "clasts" and buff matrix. Possible fault zone/strong decalcification(?); broken down, blocky and rubbly core rock. No dominant fracturing orientation. ~15% of interval is comprised of intact core; the remainder is fine-medium sized rubble.														
95.5	99.2	gCC		M	amphibolite calcite dolomite silica	20	Irregular and diffused light-medium buff-brown washes and veinlets. Almost appears to be an alteration product.	nb ma py	0.2	Irregularly shaped blebs (slightly elongated, up to 0.3cm across long axis) noted thoughout matrix. Red-brown and dark black-green colouring.	laminations veining	m		No dominant orientation; Irregular and diffused buff veinlets infilling spaces between clasts in brecciated zones.
Weakly brecciated, blue-grey, fine-medium grained calcite carbonatite. Moderate dolomite content, mostly occurring as irregular and diffused veinlets infilling spaces between grey calcitic clasts. Fairly hard and moderately competent core rock with minor fracturing mostly orientated at ~35 degrees to core axis.														
99.2	101.3	dCCz		W	amphibolite calcite dolomite silica	20	Coating break surfaces.	nb ma py	0.2	Noted in more intacts core; fine-medium disseminated grains of red-brown and dark grey-green.	laminations veining	m		Diffcult to determine vein density/orientation due to brokenness of core rock. Irregular and narrow cream-grey weakly calcareous stringers infilling spaces between clasts.
Similar to unit uphole at 95.5-99.22m. Blue-grey, weakly silicified, fine-medium grained calcite carbonatite. Buff-brown dolomite is noted on break surfaces. Fault zone/strong decalcification broken down by drilling process(?). Broken and rubble core rock with ~15% intact core. Remainder of interval comprised of rubble and shattered fragments. Moderately hard core rock.														

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INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
101.3	107.1	gxCDz		S	amphibolite calcite dolomite silica		Variable composition.	nb ma py	0.2	Noted in more intact core: fine-medium sized (<0.1-0.4cm), subhedral-euhedral red-brown and dark black-brown aggregates. Occasionally forming irregular and discontinuous bands.	laminations veining	m s	50	Weak-moderate laminations noted in more intact core; defined by tightly spaced narrow stringers. Difficult to determine vein density/orientation due to brokenness of core rock. No dominant orientation. Irregular calcareous stringers present, infilling brecciated zones.
Poor core rock recovery (~65%). Mottled light and medium buff-brown, fine grained dolomite carbonatite. Moderate brecciated texture with subangular-angular clasts of lighter buff material and infill of a slightly darker colour. Fault zone/strong decalcification(?). Slightly hard and blocky core rock with ~30% intact core. Remainder of interval comprised of fine-medium rubble and shattered fragments. Moderate decalcification textures noted (pitted core surface and break down of core into sandy rubble).														
107.1	108.7	lAMXy		S	amphibolite calcite dolomite silica	10 5	Light and medium grey narrowly banded calcite occurs in locallized zones. Occurs mainly has medium buff-brown wisps and bands (up to 1cm wide).	nb ma py		Possible rare-trace finely disseminated pyrite grains but also possibly fine pale yellow mica specks(?).	laminations veining	s w	65 60	Moderate-strongly banded interval; defined mostly by discontinuous wisps of buff-brown dolomite. Low-moderate vein density; mainly narrow white calcareous veinlets (<0.5cm wide) noted.
Strongly laminated, fine grained (<0.1cm), dark grey-green mixed amphibolite and carbonatite unit. Amphibolite is main matrix material with patchy zones of slightly coarser grained (up to 0.3cm) grey calcite and irregular narrow bands of buff-brown dolomite. Moderately hard and slightly blocky core rock with fractures mostly orientated at ~50 degrees to core axis. Likely to be a dyke. Contacts appear to be gradation/mixed with surrounding wall rock; no measurable orientation. ~0.3% fine-medium black-brown mica specks.														
108.7	112.9	dfCCCD		M	amphibolite calcite dolomite silica	30	Patchy zones of light blue-grey calcite; often appearing to be weakly brecciated. Slightly variable composition and almost appears to be an alteration product based on contact relationships.	nb ma py	0.1	Fine-medium disseminated grains (up to 0.2cm across) scattered throughout matrix, generally noted in more dolomitic sections. Possble rare-trace amounts of finely disseminated pyrite grains noted.	laminations veining	 m		 Moderate vein density with no dominant orientation noted. Mostly irregular and slightly diffused grey-white to cream-white calcareous veinlets (up to 0.5cm wide).
Patchy and mottled interval of light blue-grey calcite and buff-brown dolomite carbonatite. This interval appears to be mostly dolomite dominated and is generally moderately decalcified. Calcitic zones are weakly silicified. Blocky and broken core rock; possible fault zone or interval with strong decalcification. ~35% of interval is intact core rock with remainder being comprised of fine-coarse rubble and shattered rock.														
112.9	117.3	glAMXy		S	amphibolite calcite dolomite ma	25 10 0.05	Dark green-grey, fine grained matrix. Moderately calcareous. Often occurs as buff-brown,	nb ma	0.2 0.05	Small-medium subangular-angular red-brown aggregates (up to 0.4cm across). Minor amounts of non-magnetitc silver-black grains also noted. Trace amounts of finely	laminations veining	m w	40 40	Moderately laminated matrix; defined by banded carbonatite and slight alignment of matrix grains. Diffcult to determine vein density due to moderate-strong banding of matrix. Appears to mainly be grey
Interval of mixed amphibolite and carbonatite. Fairly equal amounts of dark green-grey, fine grained (<0.1cm) calcareous amphibolite and slightly coarser grained, mottled cream and buff-brown calcite-dominated mixed carbonatite. Patchy zones with distinct but irregular contacts (possibly at edge of intrusive body?).														

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INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							fined grained bands (up to ~0.6cm wide). Occasionally occurs as weak brown washes, overprinting matrix (alteration?).			disseminated silver-black specks, occasionally forming narrow stringers.				and buff calcareous veinlets (up to 0.6cm wide).
Moderately hard and slightly blocky core rock with preferred breakage orientation at ~45 degrees to core axis. ~0.6% fine-medium specks of black-brown and pale yellow mica flakes (biotite/phlogophite?).					silica	2	Calcitic sections are weak-moderately silicified.	py		Possible rare-trace amounts of finely disseminated pyrite; however possibly micas.				
117.3	119.6	gxCC	W		amphibolite			nb	0.3	Finely disseminated to medium sized angular aggregates present (<0.1-0.4cm across). Mostly red-brown with minor amounts having silver-black colouring.	laminations	w	40	Only noted in strongly dolomite flooded section.
Light-medium, medium grained (0.1-0.3cm) calcite carbonatite with minor amounts of fine grained (<0.1cm) buff-brown dolomite. Matrix appears to be weakly silicified and brecciated with lighter coloured clasts and slight darker grey calcite and minor dolomitic infill. Hard but broken core rock; ~58% intact core. No dominant fracturing orientation noted.					calcite						veining	m		No dominant orientation. Mainly irregular and diffused buff-brown bands.
					dolomite	10	Dolomite generally occurs as very diffused bands (up to ~0.5cm wide). One section of strong buff-brown overprinting.	ma						
					silica	5	Weak-moderately silicified matrix.	py		Possible rare amounts of finely disseminated pyrite.				
119.6	122.5	gxCD	S		amphibolite			nb	0.3	Fine-medium sized, subangular-angular aggregates (<0.1-0.3cm across). Mostly red-brown in colour.	laminations	vw	50	Very weak alignment of matrix grains noted.
Moderately brecciated dolomite carbonatite. Clasts are comprised of pale blue-grey, medium grained, weakly silicified calcite with infilling matrix of fine-grained, buff-brown dolomite. Slightly hard and blocky core rock, no preferred breakage orientation. Weak decalcification textures noted (pitted core surfaces with sandy texture). ~0.5% fine-medium mica specks (black-brown and pale yellow).					calcite	15	Pale blue-grey, weakly silicified calcite bearing clasts (up to ~1.5cm across).				veining	s		No dominant orientation. Irregular and diffused buff-brown bands commonly seen throughout matrix.
					dolomite		Slightly variable composition as evidenced by minor colour variations within a generally buff-brown matrix.	ma						
					silica			py		Possible rare amounts of finely disseminated pyrite grains (likely pale yellow mica specks).				
122.5	125.6	lCC	S		amphibolite	1	Dark green, non-magnetitic blebs noted scattered in matrix; possibly chlorite(?).	nb			laminations	m	35	Moderate-strongly laminated unit; defined by alignment of matrix grains/mineralization and by wispy buff-brown dolomitic bands.
Moderately laminated and speckled, grey-white fine-medium grained calcite carbonatite. Minor-moderate buff-brown dolomite content. Fairly hard and slightly blocky core rock; preferred fracturing at ~60 degrees to core axis. Weak-moderately decalcified matrix (pitted textures noted). ~0.2% fine-medium mica specks (pale yellow).					calcite			ma	2.5	Medium sized subangular-angular silver-black aggregates of magnetite (up to 0.5cm across). Occasionally forming discontinuous stringers.	veining	m	30	Diffcult to determine vein density; veining structures tend to follow lamination planes.
					dolomite	15	Generally occurs as slightly diffused and wispy bands (up to ~2cm wide).							
					silica	2	Weakly silicified matrix (grey quartz).	py						

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
125.6	130.3	gxCCCD	S		amphibolite calcite dolomite silica	 2	 Slightly variable composition. Occurs mostly as weak irregular washes and bands (almost appears to have an alteration texture). Weakly silicified matrix.	nb ma py	0.3	Fine-medium size, subangular-angular aggregates (<0.1-0.4cm across). Ocasionally forming irregular bands (up to 1cm wide). Mostly noted in zones of higher dolomite content.	laminations veining	w s	55	Localized weak laminations; defined by weak alignment of matrix grains. No dominant orientation. Diffused buff-brown veinlets, infilling open-spaces between clasts in brecciated zones.
Weakly brecciated, mottled pale rusty-brown and light blue-grey mixed carbonatite. Fairly equal amounts of grey calcite and pale brown dolomite. Weakly silicified matrix. Moderately hard and fairly competent core rock with minor fracturing, preferrably orientated at ~50 degrees to core axis. Weakly decalcified matrix. ~45% of interval is comprised of shattered and rubble.														
130.3	133.2	glCC	M		amphibolite calcite dolomite silica	 20 2	 Generally occurs as diffused stringers/bands. Occasionally medium buff-brown colour appears to overprint matrix (alteration product?). Weakly silicified matrix (grey quartz).	nb ma py	0.2 0.01	Minor amounts of angular red-brown grains (<0.1-0.4cm across) scattered throughout matrix. Some non-magnetitic silver-black grains also noted. Rare-trace disseminated magnetite present in matrix.	laminations veining	w m	55	Weak-moderate laminations; defined by weak alignment of matrix grains. No dominant orientation. Appears to be mostly diffused and irregular buff coloured stringers and bands (up to ~1cm wide).
Weakly laminated, light-medium blue-grey, fine-medium grained (<0.1-0.3cm) calcite carbonatite. Matrix is very weakly silicified and appears to be very weakly brecciated (cross-cut and slightly offset by abundant narrow rusty-brown stringers. Moderately hard and slightly competent core rock. ~30% of interval comprised of broken and rubble core. Break surfaces tend to be moderate-strongly calcareous.														
133.2	136.5	dCC	VW		amphibolite calcite dolomite silica	0.2 10 10	Subangular-angular dark green clots noted in matrix; possibly chlorite(?). Slightly variable composition. Generally occurs as diffused and irregular bands and washes throughout matrix. Moderately silicified matrix, appearing to weakly overprint original textures with a weak sucrosic texture.	nb ma py	0.1 0.01	Fine-medium subangular-angular disseminations (<0.1-0.3cm across). Mostly red-brown in colour with some a dark green black (possible fersmite?). Some grains cluster together and form rare stringers (most seen in dolomitic sections). Rare-trace finely disseminated magnetite.	laminations veining			
Similar to unit uphole at 130.27-133.2m. Light-mediu blue-grey, fine-medium grained calcite carbonatite with minor buff-brown dolomite content. Matrix is weak-moderately silicified and appears to be very weakly brecciated (diffused blue-grey calcite clasts with diffused buff veinlets infill). Dolomitic zones tend to have weak pitted textures. Moderately hard and blocky core rock with preferred fracturing at ~50 degrees to core axis. Minor zone of broken fragments.														
136.5	140.9	dCC	VW		amphibolite	0.3	Fine-medium grained dark green-black angular specks (up to 0.3cm across). Possible chlorite or niobate(?).	nb	0.1	Trace-minor amounts of disseminated niobate mineralization. Fine-medium grained, occasional euhedral	laminations	vw		Very faint possible laminations planes noted in localized zones. Appears to be at low angles (~10-20 degrees) to core axis.
Mottled light and medium blue-grey, fine-medium grained calcite carbonatite. Minor-moderate dolomite content, mainly as irregular washes and abundant narrow														

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Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 05-Oct-07 | Hole ID: **2007-001**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					calcite					aggretate noted (up to 0.2cm across). Generally red-brown colouring.	veining	m		No dominant veining orientation and diffcult to determine vein denisty due to brokenness of core rock. Mostly narrow and diffused buff coloured calcareous stringers with some discontinuous/diffused mineralized bands (up to ~1cm wide).
					dolomite	15	Generally occurs as weakly decalcified and diffused buff-brown coloured bands.	ma						
					silica	10	Weak-moderately silicified matrix. Localized weak sucrosic textures noted.	py						
stringers (<0.1cm wide) cross-cutting core (give very weakly brecciated appearance). Weak-moderately silicified matrix. Blocky and shattered core rock, no preferred fracturing orientation noted. ~50% of intact core with remainder being comprised of shattered rock (most fragments appear to have broken at low angles to core axis).														
140.9	145.2	gCCCD		VW	amphibolite			nb	1.5	Fine-large, irregularly shaped red-brown aggregates scattered throughout matrix (<0.1-0.8cm across long axis). Occasionally forming slightly discontinuous bands (up to ~1cm wide).	laminations	w	10	Diffult to determine lamination due to brokenness of core rock, but appears to have localized zones showing weak laminations at ~10 degrees to core axis.
					calcite						veining			Diffcult to determin vein density/orientation due to brokenness of core rock. Matrix appears to be cross-cut by abundant narrow decalcified stringers.
					dolomite			ma						
					silica	5	Weak-moderately silicified matrix.	py						
Mottled light blue-grey and pale peach-buff, fine grained, calcite-dominated mixed carbonatite. Pink-buff coloured dolomite appear to weakly overprint original matrix colouring. Weakly silicified matrix. Broken and shattered core rock, likely due to drilling process. Breaks appear to be dominantly at low angles (~10-30 degrees) to core axis. ~17% intact core.														
145.2	152.4	gCCz		VW	amphibolite			nb	0.3	Diffcult to determine niobate mineralization due to brokenness of core rock. From more intact sections, fine-medium sized red-brown aggregates are noted (<0.1-0.4cm across) scattered through matrix. Occasional clusters form irregular and discontinuous stringers.	laminations	w		Possibly very weakly orientated at ~40 degrees to core axis. Diffcult to determine due to brokenness of core rock.
					calcite						veining	m		Difficult to determine vein density/orientation. Core appears to be cross-cut by abundant narrow buff coloured stringers and veinlets (<1cm wide).
					dolomite	20	Buff coloured dolomite tends to occur as diffused bands and washes. Also noted on fracture surfaces. One minor zones noted to be mixed carbonatite with pink-buff coloured dolomite.	ma	0.05	Rare-trace amounts of finely disseminated silver-black magnetite, generally noted in the upper portion of the interval.				
					silica	7	Matrix is moderatel flooded by grey silica, slightly overprinting original textures.	py						
Fair core rock recovery (~65-75%). Very shattered and broken core; possibly due to drilling process. Slightly mottled light and medium blue-grey, fine-medium grained (up to 0.3cm across) calcite carbonatite. Matrix is weak-moderately silicified and slightly decalcified (pitted textures noted on more intact core). Shattered and blocky core rock; fracturing appears to be mostly orientated at low angles (~10-30 degrees) to core axis. Does not appear to be a fault zone; no faulting textures noted.														
EOH @ 152.40m.														

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GEOLOGY LOG

Hole ID **2007-002**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	453825.00	6257144.00	1792.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		152.40
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	152.40	152.40

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**JO**		
Geotechnical Log	**DB**		
Specific Gravity	**JO**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Hole lost at 42.67m (140'), reamed and redrilled. Continuation of core at 45.72m (150').

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Jim Oliver | Date: 13-Sep-07 | Hole ID: **2007-002**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	3.0	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing.														
3.0	17.8	OVBN			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Cored Talus.														
17.8	19.1	dlCD		S	amphibolite calcite dolomite silica	50	Deep brown black Fe-Mn(?) dolomites. Minor mm to cm scale calcitic veins.	nb ma py	0.35	Niobates estimates at moderate to low levels, 0.35% across the inteval.	laminations veining	w	22	Sporadic weak compositional bands.
Generally tan to brown strongly dolomitic carbonatites forming greater than 75% of this interval. Mm sized matrix grains. Blue grey calcitic dolomites < 25%, of the interval. Weak compositional layers, weak S fabrics.														
19.1	21.1	dCC		W	amphibolite calcite dolomite silica	5	Weak iron carbonate veinlets.	nb ma py	0.25	Niobates are noted as very fine disseminations < 0.25 mm and are present at low, 0.25% levels.	laminations veining	w	20	very weak compositional layers.
A blue grey fine grained calcitic carbonatite forms the interval. This unit is cut by irregular hairline to mm size iron carbonate veinlets. High reflectance matrix grains are likely apatite, at 8-10% levels.														
21.1	25.7	dfCD		S	amphibolite calcite dolomite silica	60	Heavy Fe-Mn (?) dolomitic carbonatites.	nb ma py	2	Rare compositional layers of oxidized niobates. Black - red niobates are more common as disseminations and aggregates. Aggregates may approach 0.5x1.5 cm.	laminations veining	m	30	
Heavy development of brown-buff matrix enriched in Fe-Mn dolomitic. Fine grained 1-3 mm dolomite matrix crystals. Blocky fractured core, but no significant structural zones. Decalcification textures are weak.														
25.7	27.7	dCCCD		W	amphibolite calcite			nb	1.25	Oxide phase are red black and non-magnetic and are present as fine grained disseminations, < 1	laminations veining	w	48	
Irregular washes of pale grey to "blue" cream calcitic carbonates form 40% of the interval. Average grain size														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					dolomite silica			ma py		mm across the long axis.				
2-3 mm. Mottled tan to buff dolomitic carbonatites comprise approximately 60% of the interval. Strong HCL responses are noted in tan to brown carbonatites, but HCL reactivity is generally weak in cream colored carbonatites. Altered amphiboles, soft grey black aggregates, locally flank red-brown oxides.														
27.7	31.1	dCC		W	amphibolite calcite dolomite silica			nb ma py	0.5	Niobates are present at low 0.5% levels, occassionally formng loose banded aggregates, but more commonly as small sub-cm disseminations and aggregates.	laminations veining		49	
A massive, homogeneous grey cream calcitic carbonatite forms the interval. The rock matrix contains an abundance of coarser 0.75x1.5 mm calcite-apatite grains. These grains have a high reflectance and appear to be unaltered.														
31.1	36.9	gCCCD		W	amphibolite calcite dolomite silica			nb ma py	2.25	The interval contains a significant, 2.25%, of carse graine, locally 8-10 mm aggregates of non-magnetic grd black, niobates. Cluster of these oxides are invariably enveloped by an orange buff iron carbonate reaction rim.	laminations veining	w	35	
Sporadic decacification textures may be noted. Dolomitic carbonatites form 75-80% of the interval. Calcitic carbonatites the remainder. Drill core has commonly failed and broken along zones of elevated de-calcification. Significant faults are absent.														
36.9	55.9	dCCCD		M	amphibolite calcite dolomite silica			nb ma py	0.75	From 36.9 to 42.6 Niobates 0.75% , from 42.6 to 55.9 m, niobates are estimated at 1%. These minerals occur as small, < 0.5 mm disseminations and locally as coarse aggregates or clusters. All aggregates or clusters have well define iron carbonate enriched reaction rims.	laminations veining	w	50	
The carbonatite within this interval is dominated by calcic phases. Light cream-grey, medium grained calcite gains are common. Calcic phases from > 85% of the interval. Dolomitic phases occupy less than 15% of the interval occur as incomplete replacements or primary "mixes" with calcic carbonatites.														
55.9	57.9	dfCD		W	amphibolite			nb	2.25	Abundant small black oxide grains noted with these	laminations			
This narrow interval represents an exceptionally iron														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
carbonate enriched and completely de-calicified rock. Lesser more competant carbonatites form < 15% of the interval. The weak HCL response of this rock reflects its exceptionally porous nature of this completely de-calcified rock.					calcite dolomite silica			ma py		incompetant sands.	veining			
57.9	74.8	dfCCCD		W	amphibolite calcite dolomite silica			nb ma py	2	Compositional layers are absent, niobates are present as small 0.5-1.5 mm disseminations and occassionally as cm scale layer aggregates.	laminations veining		39	
Irregular patches of tan to buff dolomitic carbonatites are dominant 70%. The intensity of matrix dolomite development increase towards the a complete de-calcification zone at 55.9-57.9. Minor, < 30 cm, zones of complete declacification are noted across this interval and blocky broken core is common throughout. Matrix grain size in both carbonatite phases is less than 1.0 mm.														
74.8	82.5	blCD		W	amphibolite calcite dolomite silica	5	minor microfractures and veinlets	nb ma py	3	Locally well defined bands of oxide minerals are noted. These may contain cm scale aggregates of niobates.	laminations veining		60	
The onset of well defined planar compositional bands characterizes this interval. Dolomitic-carbonatites are predominant, 85%, calcic carbonatites form 15%. Relative to up-hole sections, rock quality has significantly improved. De-calcification textures are absent. Locally the rock matrix and compositional layers are salmon pink but the relative softness of this unit rules out K-feldspar.														
82.5	106.5	blCCCD		W	amphibolite calcite dolomite silica			nb ma py	1.25	Magnetite remains absent from the sequence. Niobates are present as fine to coarse grained disseminations and as foliation parallel aggregates.	laminations veining	m	50	
Relative to the preceeding interval, the percentage of cream to very light tan dolomite horizons has increased and the percentage of well formed compositional lamella decreases. De-calcification textures are again weak. The interval also contains what appears to be a pegmatitic carbonatite phase between 86.4 and 87.0 m.														
106.5	112.9	dCD		W	amphibolite calcite dolomite silica			nb ma py	1 1	As uniform disseminations. The interval is characterized by the first appearance of euhedral magnetite. Magnetite is noted as well formed coarse grained crystals, locally to 1.0 cm.	laminations veining	m	42	
The interval contains the first singificant observations of euhedral chloritized amphibole aggregates. The grain size of the carbonatites in this interval has significantly increased. Dolomite grains are commonly in the noted at the 0.5x1.5cm level. A minor calcitic carbonatite with weakly defined amphibolitic compositional layers is identified at 111.2 - 112.3.														
112.9	119.0	dCD		M	amphibolite			nb	1.25	all oxide phases are noted as relatively uniform disseminations.	laminations	w	40	
Previously noted coarse grained carbonatites with														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					calcite dolomite silica			ma py			veining			
euhedral magnetie grains are absent from this interval. The rock is approximately 75% m.g. to f.g. dolomitic carbonate and 25% brown to chocolate brown Fe-Mn dolomite. Coarse grained frequently euhedral amphiboles are present at modest 3-5% levels. Decalcification textures are absent. The lower contact is weakly gradational with a more pegmatitic phased carbonatite.														
119.0	126.7	dCCCD			amphibolite calcite dolomite silica			nb ma py	0.75 0.1		laminations veining	w	45	
Grain size significantly increases within this interval, carbonatite grains are commonly in the 1.0 cm to 1.25 cm range. Coarser carbonate grains and aggregates are uniformly present in calcitic not dolomitic members. Diffuse very poorly formed compositional layers are locally identified. Compositional layers have ragged not planar boundaries. Euhedral chloritized amphiboles agregates persit at 4% levels across this interval.														
126.7	134.7	nxAMX z		W	amphibolite calcite dolomite silica			nb ma py	0.15	random clots and disseminations	laminations veining			
Rapid fabric rotation, significant calcite vein injection, and the presence of pegmatitic calcite +/- amphibolite phases characterizes the interval. The interval contains 20-30% superbly presented green, non-chloritized amphibole lathes. This structural zone and dyke emplacement zone has a damage envelope extending from 126.7 to approximately 129.0. Magnetite is largely present in very coarse 2-3 cm aggregates. The central core of this structural zone is located at 132.3 m.														
134.7	139.9	nCD		M	amphibolite calcite dolomite silica			nb ma py	0.2 1.25	Niobates are present at very low levels, usually assoicated with magnetite grains.	laminations veining	m	39	
The rock unit is characterized by the development of "thick" calcitic carbonatite bands separated by finer grained strongly dolomitic bands. These compositional layers range in thickness from 10-20 cm. Magnetie and amphibole are noted as coarse disseminations and aggregates, commonly as euhedral 0.5 cm phenocrysts. Calcite rhombs are noted to 1.5 to 2.0 cm.														
139.9	152.4	nAMX		W	amphibolite calcite dolomite silica			nb ma	0.1 3	Niobate minerals are rare and have significantly decreased to under 0.2% in abundance. This is accompanied by an increase in magnetite.	laminations veining	m	34	
The presence of loosely defined compositional layers of magnetite and amphibole-pyroxene grains defines the interval. Oxides, silicates and to a lesser extent carbonate phases are all fairly coarse grained averaging 0.5 to 1.5 cm.s. Amphibole-pyroxene twin planes are significantly deformed into broad open warps. Sporadic fractues and oxidized joint sets exist throughout this														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Jim Oliver | Date: 13-Sep-07 | Hole ID: **2007-002**

INTERVAL (m) From	To	Rock Code	Zone	HCL		ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
interval, within cleaner less oxidized interval noted between 145.5 and 146.8. The borehole ends at 152.4 m.									py		pyrrhotite is identifed at low, 0.75% levels				

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-003**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454284.00	6257208.00	1925.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		97.30
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
BTW	0.00	97.30	97.30

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Peak Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Not able to advance; broken ground. Drill under-powered.

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 18-Sep-07 | Hole ID: **2007-003**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	13.7	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; no core recovery.														
13.7	14.9	gfCC	S		amphibolite calcite dolomite silica	5 0.5	Minor section of less HCl reactive core rock at the beginning of the interval, slightly pink-buff in colour. Matrix appears to be weakly silicified.	nb ma py	0.2	Fine-medium grained aggregates (0.1-0.2cm).	laminations veining	 m	 	 Core rock is cross-cut by network of cream-white calcite stringer/veinlets (<1cm wide). No dominant orientation.
Moderately oxidized, light-medium brown, fine-medium grained (<0.3cm) calcitic carbonatite. Moderate-strong reaction to HCl. Weak-moderate locallized decalcification textures noted. Fairly competant core rock with no preferred breakage orientation.														
14.9	16.8	dlCD	W		amphibolite calcite dolomite silica	0.2 3 1	Dark black-green, fine disseminations in diffused bands, often occuring with red-brown niobate mineralization. Irregular washes of pale brown-buff (however appears to be more reactive to HCl) Matrix is very weakly silicified.	nb ma py	0.1 0.05	Red-brown, fine-medium disseminations in diffused banding (up to ~1cm wide), following weak lamination planes. Rare-trace silver-black specks noted, possibly magnetite.	laminations veining	vw w	60 80	Defined by narrow brown-buff laminations (up to 0.3cm wide). Diffused mineralized bands, up to ~1cm wide)
Light blue-grey, very weakly calcarious rockmass with wispy washes of pale brown-buff. Iron stained dolomite carbonatite with minor calcite content(?). Fine grained and weakly silicified matrix (<0.1-0.2cm). Blocky core rock with ~50% of the interval fractured and angular rubble.														
16.8	20.4	gxCCC D	W		amphibolite calcite dolomite silica	0.7 30	Dark black-green, fine-medium subhedral to euhedral grains noted scattered throughout the matrix. Buff coloured irregular washes of weakly HCl reactive rockmass.	nb ma py	0.05	Trace amounts of red-brown aggregates, but possibly mostly hematite.	laminations veining	vw	55	Very weak orientated wisps of brown-buff.
Weakly brecciated texture with a fine grained brown-buff groundmass (<0.2cm) and medium-coarse grained (up to 0.4cm) light blue-grey fragments. Fragments are subangular to angular in shape and up to 1cm across. Fairly competant core rock with minor fracturing and no preferred orientation. ~50cm section of shattered core rock.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 18-Sep-07 | Hole ID: **2007-003**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
20.4	20.7	gfCC		M	amphibolite			nb	1	Red-brown fine-medium euhedral aggreates (<0.3cm across) occurs in discontinuous bands, orientated at ~55 degrees to core axis.	laminations			
					calcite	3	Calcite forms grey-white veinlets throughout the interval.				veining	m	60	Narrow grey-white calcite veinlets (<0.4cm wide). Minor brecciated texture.
					dolomite			ma						
					silica			py						
Moderately iron stained calcite carbonatite. Moderate-strong reaction with HCl. Fine-medium grained matrix (0.1-0.3cm). Somewhat blockly core rock with ~60% of interval comprised of rubble and decalcified "sandy mud" matrix. No preferred breakage orientation.														
20.7	27.6	gxCCC D		W	amphibolite	0.5	Dark black-green, fine disseminations noted scattered throughout the matrix, possibly chlorite/amphibole.	nb	1.5	Niobates occurs as fine-medium sized subhedral to euhedral aggregates (up to 0.3cm across), mostly occurring in diffused bands <0.5cm in width. <0.7% pyrochlore, appears to be mostly fersmite(?).	laminations			
					calcite						veining	m	40	~30-50 degrees to core axis. Grey-white weakly silicified calcitic veinlets (<1cm wide).
					dolomite			ma						
					silica	2	Weakly silicifed white calcite veinlets.	py						
Similar to unit uphole at16.8-20.4m. Weak-moderately brecciated texture with fine grained <0.2cm) brown-buff moderately HCl reactive groundmass. Brown-buff colouring appears to almost be an alteration wash (iron staining?). Angular clasts are generally medium-coarse grained (up to 0.5cm) and weakly reactive to HCl (possibly weakly silicified). Fairly competant core rock with no preferred breakage orientation.														
27.6	31.7	glCC		W	amphibolite	0.5	Dark black-green, fine-medium subhedral to euhedral grains (<0.3cm) scattered throughout matrix.	nb	1	Fine-medium angular aggregates (<0.1-0.4cm) scattered throughout matrix. Dominantly appears to be fermsite or columbite.	laminations	vw	45	Very weakly laminated, defined by wisps of white and brown-buff.
					calcite						veining	s		Interval cross-cut by large white vein (~1.5cm wide) running sub-parallel to core axis. Other narrow white veinlets also present, no preferred orientation.
					dolomite			ma						
					silica	2	Weakly silicified rockmass, generally in the white veining.	py						
Very weakly laminated fine-grained (<0.1cm) brown-buff rockmass, crosscut by large white weakly calcarious veins, (silica?) cutting nearly sub-parallel to core axis. By colour and hardness, the groundmass could be defined as dolomite carbonatite, however, based on reaction with HCl, it should be defined as calcite carbonatite. Fairly competant core rock with no preferred breakage orientation.														
31.7	35.7	gCCCD		M	amphibolite			nb	1.5	Fine-medium subhedral to euhedral aggregates, up to ~0.5cm across long axis. Mostly green-black aggregates with some having brown colouring (dominantly not pyrochlore). Tends to occur in discontinuous "bands" (up to ~1cm wide).	laminations	vw	55	
					calcite						veining	m	30	Hard, cream-white veining, ranging from 0.1-0.5cm wide.
					dolomite	30		ma						
					silica	5	Weakly silicified matrix.	py						
Weakly silicified, mottled medium buff rockmass. Weak-moderate reaction with HCl. Possibly iron stained calcite carbonatite with minor dolomitic content. Brown matrix is fine grained (<0.1cm) while grey-white sections are slighly coarser grained (<0.4cm). Fairly competant core rock with minor zones of shattered rock. Two dominant fracture orientatinos at ~40 degrees to subparallel to core axis.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 18-Sep-07 | Hole ID: **2007-003**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
35.7	38.7	dCCCD		W	amphibolite calcite dolomite silica			nb ma py	0.3	Fine-medium disseminated grains, increasing size to small (~0.2cm) aggregates moving downhole. Likely to dominantly be fermsite.	laminations veining	vw w	40 45	 Translucent blue-cream quartz(?) veinlets (<1cm wide).
Mottled pink-buff, very weakly silicified rockmass. Mixed calcite and dolomite carbonatite unit with more dominant iron stained calcite (~75%). Matrix is fairly equigranular with fine-medium grains (~0.2cm across). Very weakly pitted texture, with locallized zones (<1% of interval) of nearly complete decalcification. Matrix is abundantly speckled with small iron stained pits (<0.1cm). Fairly competant core rock with fracturing generally along veining orientation at ~45 degrees to core axis.														
38.7	41.0	gfCCCD		W	amphibolite calcite dolomite silica			nb pc fs	 0.3 0.5	Niobate mineralization occurs in this interval mostly as medium sized aggregates (up to 0.5cm across). Minor amounts occur as fine disseminations moving downhole.	laminations veining	w w	35 	 One narrow (~0.1cm wide) calcareous stringer runs sub-parallel to core axis along most of this unit.
Similar to unit uphole at 35.66-38.71m. Mottled pink-buff, equigranular fine-medium grained (~0.2cm) rockmass. Weak-moderately decalcified with ~25cm zone completed broken down to a semi-solid "sandy mud" texture. Fairly competant core rock besides ~25cm section mentioned above. No preferred breakage orientation.														
41.0	43.2	glCD		VW	amphibolite calcite dolomite silica	 2	 Grey-white quartz veinlets, infilling open-space fractures.	nb pc fs	 0.1 0.2	Niobate mineralization in this interval generally occurs as medium sized (~0.3cm) aggregates and tends to form diffused/discontinuous bands, <0.5cm wide.	laminations veining	m w	30 	Moderately laminated, slightly difficult to measure due to brecciation. Grey-white silica infilling open-space in crackle breccia.
Weak-moderately laminated, weakly silicified dolomite carbonatite. Slightly brecciated near the lower contact of this unit. Minor locallized zones with decalcificiation textures; one ~20cm zone of almost complete weathering. Fairly competant core rock with fracturing mostly at ~65 degrees to core axis. Pale yellow-green phelgopite(?) in trace amounts, ~0.3% (grains up to 0.4cm).														
43.2	46.2	glCD		VW	amphibolite calcite dolomite silica	0.6 5	 Zones with strong HCl reaction tend to be medium brown in colour (iron carbonate?)	nb ma py	0.4	Fine aggregates (~0.1-0.2cm across) occuring in discontinuous veinlets (<0.5cm wide). Mostly red-brown in colour.	laminations veining	w m	 	Weakly laminated, defined by narrow bands (up to 0.3cm wide) of brown-buff iron carbonate(?). Weak-moderate irregular veining, mostly appearing to run sub-parallel to core axis.
Mottled pink-buff and blue-grey, fine-medium grained (0.1-0.2cm) dolomite carbonatite with trace calcite content. Matrix very weakly silicified. Competant core rock with minor amounts of fracturing, no preferred orientation.														
46.2	48.2	gfCD		VW	amphibolite	1	Dark black-green, fine-medium sized disseminations	nb	0.2	Fine-medium grained subhedral aggregates (up to 0.2cm across)	laminations	vw	40	No clear bedding planes, but decalcification structures appear to
Mottled brown-buff, fine-medium grained (up to 0.2cm)														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
dolomitic rockmass with minor calcite content. Weakly pitted texture as evidence to weak-moderate amount of decalcification (one ~5cm zone of complete decalcification). Small (<0.1cm) pits also appear to follow a weak bedding/lamination. Blocky and shattered core rock. Main fracturing running sub-parallel core axis, following a veining structures.							(up to 0.2cm) form difused and discontinuous bands up to 0.5cm wide.			scattered throughout the matrix.				be weakly orientated.
					calcite	2		ma			veining	w		Very diffused veining structures. One main (quartz?) veinlet (~1cm wide) noted running sub-parallel to core axis.
					dolomite			py						
					silica	1	Infilling open-space fractures.							
48.2	53.3	blCCCD	W		amphibolite	1.2	Fine-medium grained (up to 0.5cm) dark black-green specks forming diffused band (up to 1.5cm wide). Some angular/euhedral grains.	nb	0.4	Niobates mostly occur as aggregates in dicontinuous bands (up to 0.7cm wide). Appears to be mostly be pyrochlore with amounts of fersmite (~0.2%)	laminations	w	35	Weakly laminations, defined by wispys of brown-buff colouring.
Similar to unit uphole at 46.15-48.18m. Mottled grey and brown-buff, fine-medium grained (up to 0.3cm) rockmass. Appears to be dominantly dolomitic (65%) with minor calcite content. Very weakly decalcified as noted by small (<0.1cm) pits, weakly following lamination orientation. Competant core rock, appears to have weak silicification of the matrix. Minor fracturing, generally orientated at ~40 degrees to core axis.											veining	w	50	Carrying mineralization.
					calcite			ma						
					dolomite	65		py						
					silica									
53.3	55.0	gfCD	W		amphibolite	0.3	Subhedral-euhedral grains up to ~0.5cm across.	nb		Generally occuring as fine-medium sized subhedral to euhedral grains scattered throughout the matrix.	laminations	vw	40	Very weak laminations, defined by diffused and wispy bands of brown-buff colouring (<0.2cm wide)
Mottled brown-buff, fine-medium grained (0.1-0.3cm), moderate-strongly decalcified rockmass. Patchy zone with weak-moderate reaction with HCl. Locallized zones with very minor brecciated textures. Blocky core rock with ~32% of the interval completely decalcified and forming a semi-solid "sandy mud" like matrix.											veining	w		No preferred orientations. Generally narrow white (weakly calcitic) stringers (<0.5cm wide).
					calcite			pc	0.2					
					dolomite									
					silica									
55.0	59.1	glCCCD	W		amphibolite	0.4	Subhedral grains of dark black-grey, sometimes occuring in discontinuous bands, mostly scattered throughout matrix.	nb	0.2	Irregular aggregates (up to ~0.4cm across), forming discontinuous/diffused bands (up to 0.5cm wide). Dominantly dark black-brown, likely fersmite.	laminations	w	30	Weakly laminated, defined by wispy and irregular dolomitic and discontinuous mineralized bands (~0.5cm wide).
Very weakly laminated with minor brecciation, mottled grey and pink-buff, fine-medium grained (0.1-0.2cm) rockmass. Appears to be dominantly calcitic with minor dolomite content (~25%). Weakly silicified matrix (weak sucrosic texture). Fairly competant core rock with minor zones of broken core rock. Preferred breakage orientation at ~20 degrees to core axis.											veining	w	25	Minor amounts of veining, generally white, weak calcitic infilling material for open-space fractures.
					calcite			ma						
					dolomite	25	Irregular washes of pink-buff dolomite.	py						
					silica	2	Weakly silicified matrix. Some veining structures.							
59.1	60.5	dCD	VW		amphibolite	7	Appears to weakly flood the matrix, especially in the upper part of the interval. Medium-	nb	0.1	Subhedral to euhedral aggregates (up to 0.7cm across long axis) scattered throughout the matrix.	laminations	vw	35	
Mottled brown-buff and medium green-grey, fine grained (<0.1cm) dolomite carbonatite. Matrix appears to be very											veining	w	35	Narrow white, weak-moderately

INTERVAL (m) From	To	Rock Code	Zone	HCL		ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
weakly chloritized but also silicified. Fairly competant core rock with trace amounts of fracturing at no preferred orientation.								coarse grained (up to 0.5cm) angular grains seen, forming very diffused veinlets.	ma py						calcitic veinlets (<0.4cm wide).
						calcite dolomite silica	1	Minor veinlets (<1cm wide).							
60.5	64.0	dfCCCD		W		amphibolite calcite dolomite silica			nb ma py	0.2	Fine-medium disseminations, increasing in size moving downhole, becoming aggregates (<0.4cm across). Occasionally forming discontinuous and strongly diffused bands (<0.5cm wide). Appears to be mostly fersmite with minor pyrochlore. Possible rare-trace very finely disseminated pyrite.	laminations veining	 w		
Medium red-brown-buff, fine grained dolomitic rockmass. Patchy zones (~20%) with strong HCl reaction. Strongly decalcified unit; only ~38% of this interval is comprised of solid core rock. The remainder is nearly completely altered into a semi solid state with texture of sandy mud or shattered core with fragments all <3cm in length. Preferred breakage orientation at ~50 degrees to core axis. 0.4% dark green mica forming tabular grains seen in the matrix; similar habit to niobate mineralization.															
64.0	65.3	dfCC		M		amphibolite calcite dolomite silica			nb ma py	0.08	Finely disseminated grains, following very weak laminations can be seen, forming very diffused bands (<0.3cm wide).	laminations veining	w	35	Wispy bands
Mottled grey and medium brown-buff, fine-medium grained (up to 0.2cm) calcite carbonatite. Trace-minor amounts of dolomite present, generally occuring as irregular washes of buff colouring. Moderately decalcified with weak pitted textures. Somewhat competant core rock with increasingly strong decalcification textures moving downhole (broken/shattered core rock). 0.2% medium green phlogophite or chlorite(?) occuring as aggregates (up to 0.5cm).															
65.3	66.0	nfCCy		S		amphibolite calcite dolomite silica			nb ma py	2	Silver-black clots of magnetite present in the matrix (up to ~2cm across).	laminations veining			
Medium-dark brown, fine grained (<0.1cm) matrix with medium-dark green phenocrysts of mica (biotite/phlogopite) and magnetite. Irregular grains up to 1.7cm across. Soft, easily broken core rock. Contacts at ~45 degrees to core axis.															
66.0	68.1	dfCCCD		VW		amphibolite			nb ma	0.05	Rare-trace mineralization. Mostly occuring as finely	laminations	vw	30	Very weak laminations, defined by slight variations in colour of the
Interval of mixed brown-buff and grey rockmass. Iron															

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					calcite dolomite silica			ma py		disseminated grains scattered throughout the matrix, becoming slightly coarsing grained moving downhole.	veining	vw	20	matrix. Narrow, irregular white stringers cross-cut core.
stained calcite carbonatite appears to be dominant in this unit with ~20% dolomitic content. Moderate-strongly decalcified with ~50% intact core rock. The remainder is completely altered into a "sandy mud" matrix. Blocky, broken core rock with fracturing generally at ~35 degrees to core axis. 0.5% medium-dark green mica (likely phlogopite) occuring as clots, up to 0.4cm across.														
68.1	74.8	dfCC		S	amphibolite calcite dolomite silica	0.5 1	Locallized sections with (up to 0.8cm) aggregates of dark green chlorite/amphibole(?). Grains tend to form very discontinuous/diffused bands.	nb ma py	0.1	Finely disseminated grains with rare narrow banding. Trace amounts of small aggregates (~0.2cm across).	laminations veining	vw	20	Very weak laminations, defined by slight colour variations in matrix.
Strongly decalcified rockmass with a fine grained (<0.1cm) iron stained calcite carbonatite groundmass. Only ~25% of the interval is comprised of intact core. The remainder is shattered core rock or throughly altered and broken down into a sandy mud matrix. Strongly reactive to HCl.														
74.8	85.0	gfCC		VW	amphibolite calcite dolomite silica	0.4 3	Decrease in amounts of large aggregates from unit uphole. Slightly silicified matrix.	nb ma py	0.1	Trace amounts of fine-medium sized (up to 0.3cm) aggregates, generally forming weak diffused bands following lamination orienations.	laminations veining	w w	25 25	Defined by slight alignment of grains in the matrix. Slight increase in intensity moving downhole. Very discontinuous stringers formed by elongated dark green amphibole(?) grains.
Similar to unit uphole at 68.1-74.82m. Moderate-strongly decalcified, blue-grey, fine-medium grained (<0.1-0.3cm) calcite carbonatite. Matrix is less iron stained (minor washes of buff colouring) and slightly silicified when compared to unit immediately uphole. Core rock has texture of semi-solid "sandy mud" (zones of complete decalcification; ~66%), but is otherwise quite competant.														
85.0	86.7	glCD		W	amphibolite calcite dolomite silica	 1 5	 Forming narrow iron stained stringers. Weak-moderately silicified matrix.	nb ma py	0.02	Rare-trace amounts of fine aggregates (0.1-0.2cm)	laminations veining	w vw	50 45	Irregular washes of brown-buff colouring have weak orientation. Narrow iron stained calcite stringers (<0.2cm wide).
Weak-moderately laminated mottled blue-grey and pink-buff dolomite carbonatite with minor amounts of calcite. Dolomite is slightly coarser grained than calcite (~0.2cm and <0.1cm, respectively). Hard and competant core rock with minor fracturing, mostly orientated at ~60 degrees to core axis.														
86.7	88.9	dfCCCD		W	amphibolite calcite dolomite	0.5 20	Medium-coarse angular aggregates (0.3-0.5cm).	nb ma py	0.05	Rare-trace finely disseminated grains with rare fine-medium aggregates (0.2cm)	laminations veining	w vw	40 30	Very weak, defined by weakly orientated washes of colour. Narrow iron stained calcite stringers (<0.1cm wide).
Moderately decalcified unit with ~45% of interval as somewhat intact core rock. The remainder is comprised of completely decalcified semi-solid "sandy mud". Mottled colouring with dominantly zones of medium-dark brown-buff.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 18-Sep-07 | Hole ID: **2007-003**

INTERVAL (m) From	To	Rock Code	Zone	HCL		ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
						silica									
88.9	94.6	glCCCD		W		amphibolite	2	Dark black green angular aggregates are abundant (up to 0.7cm), generally forming very diffused/discontinuous bands. Dominantly chlorite.	nb	0.5	Subhedral-euhedral aggregates (up to 0.5cm across). Several narrow red-brown stringers noted in this interval (<0.2cm wide).	laminations	w	45	~40-50 degrees to core axis.
												veining	w	40	Narrow iron stained carbonate stringers, <0.1cm wide. Appears to be mostly calcitic.
						calcite			ma						
						dolomite			py						
						silica									
94.6	97.3	gCC		M		amphibolite	0.3	Medium grained aggregates of dark green with phenocrysts(?) of white calcite (0.2cm across).	nb	0.03	Rare-trace amounts of fine-medium grained aggregates (<0.2cm). No noticable orientation due to broken core rock.	laminations	w	25	
												veining			
						calcite			ma						
						dolomite			py						
						silica									

Weakly banded/laminated mottled fine-medium grained (up to 0.3cm across) weakly calcareous rockmass. Weak decalcification textures (<0.1cm pits) with minor zones of complete decalcification (~7% of interval). Dolomite dominant in this unit.
Fairly competant core rock with ~7% of "sandy mud" matrix (decalcified zone) and minor areas of shattered core. Preferred fracturing orientation at ~45 degrees to core axis.

0.1% yellow-green clots (up to 0.4cm across). Possible phlogopite(?)

Medium brown-buff, fine grained (<0.1cm across) strongly calcareous rockmass. Colouring likely due to iron staining. Blocky and shattered core rock (possibly due to drilling process) with weakly pitted surface (weak decalcification?). Minor zones (<5%) of interval is comprised of decalcified "sandy mud" matrix.

EOH @ 97.23m.

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-004**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454088.00	6257082.00	1870.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		86.86
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	86.86	86.86

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Not able to advance; broken ground.

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	7.4	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
No casing block; measured approximate depth. Casing; no core rock recovery.														
7.4	9.1	lCC		M	amphibolite calcite dolomite silica	 2	 Weakly silicified matrix.	nb ma py	 Trace amounts (0.5%) of red-brown blebs (<0.2cm), but likely to be hematite rather than niobates. Possibly reclic fine disseminated pyrite. Abundant small (<0.1cm) pits noted with iron staining.		laminations veining	m	30	Defined by weak washes of colour in the matrix.
Unit likely contains very minor percentage of mixed rock (cave material). Laminated fine-medium grained (up to 0.3cm across), iron stained calcareous matrix. Weak-moderately decalcified, moving downhole. Blocky, broken core rock, likely due to drilling process. No preferred fracturing orientation. ~0.3% Pale green mica clots (up to 0.4cm across). Possibly phlogopite(?).														
9.1	15.9	nAMX		W	amphibolite calcite dolomite silica	 20 5 	 Tends to be pale rusty brown in colour (iron stained?) 	nb ma py	 Small subhedral (<0.1cm) purple-brown grains. Possible hematite(?). Possible rare-trace finely disseminated pyrite.		laminations veining	m		Narrow, irregular white calcite stringers crosscut this unit.
Dyke? Interval of mixed amphibolite with washes of calcitic and dolomitic carbonatite. The matrix is is fine grained and medium blue-green in colour. Washes of carbonates tend to be weak-moderately iron stained. Soft but fairly competant core rock with ~8% of interval being broken and shattered core. 0.1% Pale yellow-green mica noted (phlogopite? Biotite?)														
15.9	19.6	nAM		W	amphibolite calcite dolomite silica	 10 1	Bands (up to ~1.5cm wide) of dark green. Chlorite or biotite(?). Makes up ~1.5% of matrix. Weakly calcareous unit. Calcite also forms narrow iron-stained stringers (<0.1cm wide). Appears to be a weakly silicified matrix.	nb ma py	 Possible rare-trace finely disseminated pyrites, mostly oxidized.		laminations veining	m	40	General orientation at ~40 degrees to core axis. Mostly irregular narrow iron stained carbonate stringers (<0.1cm wide), with occasional cream-white silicified veinlets (<1cm wide).
Dyke(?) Medium blue-green, fine-grained amphibolite (with minor chlorite) unit. Very weakly calcareous, generally occuring as irregular rusty-brown, iron stained washes throughout the matrix. Weak-moderately silicified matrix. Moderately hard and somewhat competant core rock. ~48% of interval is shattered and crushed core.														
19.6	24.8	nxAMX		M	amphibolite		Weak-moderately calcareous matrix.	nb ma	 0.2	 Magnetite occurs mostly in grey	laminations	w	25	Very weakly defined by bands of colour variation (diffused mica
Dyke(?)														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 21-Sep-07 | Hole ID: **2007-004**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
										coloured calcareous zones, generally as blebs, up to ~0.2cm across.				bands, <2cm wide).
					calcite	15	Calcite carbonatite washes become increasing iron stained moving downhole.	py			veining	vw	40	Irregular white calcitic stringers (<0.1cm wide).
					dolomite									
					silica									

Interval of mixed amphibolite and carbonatite. Fairly equal amounts of patchy zones of fine grained blue-green amphibolite/chlorite(?) and zones of medium grained speckled blue-grey carbonate.
Fairly soft and easily broken core rock. Dominant fracturing orientation at ~25 degrees to core axis. ~38% of the interval is intact core rock with the remainder being rubble fragments.

Mica (mainly biotite) appear to make up ~15-20% of the matrix, forming discontinuous and diffused bands.

From	To													
24.8	26.9	dCC		M	amphibolite		Matrix is speckled with fine (up to 0.1cm across) dark black-green grains (possibly chlorite or biotite). Makes up ~1.5% of interval.	nb	0.02	Rare-trace finely disseminated grains, occasional larger aggregate (up to 0.1cm).	laminations	vw	20	
											veining	w		No dominant veining orientation, generally narrow and irregular iron stained carbonate stringers (<0.1cm wide).
								ma						
					calcite			py		Possible rare-trace finely disseminated pyrite (oxided).				
					dolomite									
					silica									

Fine-medium grained (up to 0.3cm across) weak-moderately silcified, blue-grey calcite carbonatite. Minor diffused bands of faded green chlorite(?), up to ~10cm wide.
Hard and fairly competant core rock with fracturing dominantly at ~40 degrees to core axis.

From	To													
26.9	28.6	nxAMX		W	amphibolite			nb			laminations			
					calcite	30	Mostly occuring as irregular washes and tends to be iron stained. Possibly weak dolomite.	ma			veining	w		No dominant veining orientation. Mostly irregular white calcite stringers (<0.2cm wide).
								py						
					dolomite									
					silica									

Similar to unit uphole at 19.58-24.75m.
Dyke(?).
Interval of mixed amphibolite and dominantly iron stained calcite carbonatite. Fairly equal amounts of fine grained (<0.1cm) blue-green amphibole/chorite(?) groundmass and irregular washes of rusty and grey calcite (0.1-0.2cm across).
Fairly hard and slightly blocky core rock, no preferred fracturing orientation.

Mica (mainly biotite, minor phlogopite?) makes up ~25% of the matrix, blebs scattered throughout the matrix.

From	To													
28.6	35.4	fCC		S	amphibolite			nb		Possible trace finely disseminated grains of purple-red-brown. Hematite(?)	laminations			
					calcite						veining			
					dolomite			ma						
					silica			py						

Fault zone(?), gouge material is not noted.
Poor core rock recovery (~55%).
Interval of strongly decalcified/weathered rock; mostly comprised of semi-solid ground up and incoherant core. These zones have clay-like texture.
Very minor section of more intact core (~8% of interval); generally fragments of blue-grey calcite carbonatite with occasional fragments of medium blue-green amphibolite.

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 21-Sep-07 | Hole ID: **2007-004**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Trace small pale yellow-green mica grains seens scattered throughout the matrix (<0.1cm).														
35.4	39.6	nAM		W	amphibolite calcite dolomite silica	15	Irregular iron stained calcareous washes seen in dark green groundmass.	nb ma py		Possible rare-trace disseminated mineralization. Small (<0.1cm) subhedral-euhedral grains noted scattered in the interval.	laminations veining	 w		 No dominant veining orientation. Mainly irregular white calcitic stringers (<0.2cm wide) noted in amphibolite sections.
Faulted dyke(?); gouge material not noted. Poor core rock recovery (~65%). Medium blue-green, fine grained (<0.1cm) amphibolite with washes of rusty brown and minor section of completely decalcified/weathered carbonatite (similar to unit at 28.59-35.36m). ~0.3% fine pale yellow-green mica (phlogopite?) scattered throughtout the matrix.														
39.6	42.6	fCC		S	amphibolite calcite dolomite silica			nb ma py		Trace-minor amounts of purple-brown smears (<0.2cm across). Possible niobate mineralization or hematite(?).	laminations veining			
Similar to unit at 28.59-35.36m. Fault(?). Poor core rock recovery (~60%). Strongly decalcified/weathered calcareous unit; mostly comprised of semi-solid ground up and incoherant core with clay-like textures. No intact core rock noted in this interval.														
42.6	43.1	nAMy		VW	amphibolite calcite dolomite silica	 25 	 Washes of brown-buff occur in weak bands (up to ~3cm wide) at ~50 degrees to core axis. 	nb ma py			laminations veining	w 	50 	Diffused bands of weakly orientated iron stained dolomite.
Minor interval of medium-dark amphibolite with moderate amounts of rusty-buff-brown dolomite (~25-30% of interval).														
43.1	48.8	fCC		M	amphibolite calcite dolomite silica	0.5 	Small-medium grained dark green clots (<0.1-0.3cm); likely to be chlorite. 	nb ma py	 0.05 	 Rare-trace amounts of fine-medium (<0.2cm) silver-grey magnetic grains noted in more competant sections of core rock. 	laminations veining	w vw	40 	Weak laminations noted in intact core pieces, defined by slight colour variations and weak-moderate alignment of grains. Possible trace amounts of quartz and calcitic stringers (<0.1cm wide).
Similar to unit uphole at 28.59-35.36m. Poor-fair core rock recovery (~65-70%). Strongly decalcified/weathered moderately calcareous unit. Appears to have been weak-moderately brecciated ("fragments" noted in semi-solid core sections). Most of the interval is comprised of semi-solid ground up and incoherant core with clay-like textures; ~15% somewhat intact core. ~0.7% Fine grained clots of pale yellow-green and brown mica (biotite/phlogopite?) noted, generally forming very diffused/discontinuous stringers.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 21-Sep-07 | Hole ID: **2007-004**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
48.8	51.1	xAMX		W	amphibolite calcite dolomite silica	15	Amphibolite matrix becomes slightly more calcareous moving downhole.	nb ma py		Possible rare-trace finely disseminated pyrite that has been oxidized out; small aligned oxidized pits noted.	laminations veining	vw w	45	Very weak laminations noted in carbonatite sections, defined by slight alignment of grains. Narrow, irregular white calcite stringers with no preferred orientation. Several coarser grained quartz(?) veinlets (~2cm wide) noted
Dyke(?). Interval of medium-dark green fine-grained (<0.1cm) amphibolite with sections of slightly coarser grained (~0.1cm) calcitic carbonatite (~13%). Contacts are diffused but is measured at ~40 degrees to core axis. Slightly blocky core rock with no dominant fracturing orientation. 0.5% phlogopite in matrix with trace amounts of brown biotite(?), generally occuring in irregular bands (0.2-1cm wide).														
51.1	59.0	fAMX		W	amphibolite calcite dolomite silica	16	Ground up sections of core has is very fine grained (<0.1cm) and has pale yellow-green colouring.	nb ma py			laminations veining	w	45	Narrow, medium-dark purple brown stringers (<0.1cm), oxidized pyrite stringers(?).
Fault(?); no gouge material noted. Poor-fair core rock recovery (~65-70%). Interval of strongly to completely decalcified/weathered mixed weakly calcareous amphibolite (~16%) and iron stained carbonatite. Unit is comprised of semi-solid fine-medium grained ground up and incoherant core with clay-like texture. 0.3% fine-medium sized (up to 0.3cm across) irregular blebs of purple brown, possibly hematite(?).														
59.0	64.0	fAMX		VW	amphibolite calcite dolomite silica	20	Generally moderately iron-stained, occuring in irregular washes and bands. Irregular white calcite stringers (<0.1cm) also present.	nb ma py		Possible oxidized rare-trace disseminated pyrite (small, <0.1cm, rusty pits) scattered throughout the matrix.	laminations veining	w m	35 35	Weak-moderately defined by rusty brown and white calcareous bands (0.1-2cm wide). Narrow stringers (<0.2cm wide) of rusty brown colouring.
Dyke(?). Weak-moderately laminated and weakly brecciated calcareous amphibolite with washes or iron stained calcite. Fine grained (<0.1cm) matrix is medium-dark green in colour with bands and stringers of pale cream and rusty brown. Brecciated texture mainly noted in strongly decalcified zones as pale yellow-green slightly more coherant "clasts" in a matrix of light rust-brown. Somewhat soft rock, fairly competant with ~60% of intact core rock. The remainder of the interval is comprised of strongly weathered/decalcified fine rubble/clay. ~0.5% fine micas noted in the matrix.														
64.0	67.1	glCC		M	amphibolite calcite dolomite silica			nb ma py	0.3	Often occurs as subangular to angular clots (up to 0.4cm).	laminations veining	m w	40 40	Weak-moderate laminations. ~35-45 degrees to core axis. Generally carrying mica and magnetite clots (up to 0.3cm across grains). Difficult to determine due to
Weak-moderately laminated, fine-medium grained (<0.1-0.2cm across) blue-grey calcite carbonatite. Core rock is shattered and broken; possible fault zone(?). Fracturing dominantly at ~35 degrees to core axis.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Abundant (~4%) dark green-brown micas forming hexagonal prisms (phlogopite or biotite); usually forming clusters.														brokenness of core rock.
67.1	70.1	gfCC		S	amphibolite calcite dolomite silica			nb ma py	0.3	Sub-angular aggregates of silver-black magnetite noted in slightly more intact sections.	laminations veining			
Interval appears to be similar to that of the unit immediately up hole at 64.0-67.11m, but much more weathered/decalcified and broken down. Rare intact core in this interval (<2%); matrix is fine-medium grained rubble and have texture of semi-solid coarse sandy mud. Abundant (up to ~5%) dark black-green mica prisms, likely to be phlogopite noted in mixed matrix.														
70.1	74.3	glCC		M	amphibolite calcite dolomite silica			nb ma py	0.2	Silver-black magnetite aggregates (0.2-0.4cm across) are weakly elongated along lamination planes.	laminations veining	w w	20 20	Weak laminations defined mostly by slight colour variations in the matrix Narrow bands (<0.3cm wide) of rusty brown crosscut core. Likely strongly iron stained calcite
Similar to unit uphole at 64.0-67.11m. Weakly laminated, fine-medium grained (<0.1-0.3cm across) buff and grey calcite carbonatite. Core rock is slightly blocky with shattered and broken zones (up to ~65% of interval). ~4-5% pale yellow-dark green mica prisms, fine-medium sized (up to 0.3cm across) scattered throughout matrix.														
74.3	76.2	fCC		W	amphibolite calcite dolomite silica			nb ma py			laminations veining			
Similar to unit at 67.11-70.1m, but even more weathered/decalcified/broken down. Matrix is buff-brown in colour and consists of fine grained rubble and has the texture of muddy sand. Has appearance of soil.														
76.2	80.2	gCCCD		W	amphibolite calcite dolomite silica	0.2 0.5	Small-medium sized (0.1-0.3cm) clots of dark green, possibly chlorite. Weakly silicified less HCl reactive sections.	nb ma py	0.05	Rare-trace disseminated grains, slightly increasing to aggregates (<0.1-0.2cm).	laminations veining	 w		 No preferred orientation noted. Narrow (<0.1cm) dark purple-brown stringers.
Interval of mixed rock with zones of fine grained (<0.1cm) brown-buff matrix and zones of coarser grained (0.1-0.2cm) blue-grey matrix. Brown matrix is strongly reactive to HCl while white matrix has a very weak reaction. Shattered core rock with rare intact pieces. ~0.2% dark green mica prisms (0.2cm across).														
80.2	85.6	gfCCCD		VW	amphibolite calcite	0.3	Fine-medium grained (<0.1-0.2cm) clots of dark green, possibly chlorite.	nb ma	0.07	Trace-minor amounts of fine-medium sized aggregates (0.1-0.3cm) of rusty red-brown colouring; possibly iron oxides.	laminations veining	 m	 30	 Narrow (<0.1cm wide) pink-buff coloured stringers.
Mixed interval with weak-moderately silicified calcite carbonatite and irregular washes of buff brown (iron staining?). Brown patches (~10% of interval) are strongly reactive to HCl. Slightly block core rock with fracturing generally														

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GEOLOGY LOG

Log by: Crystal Chung | Date: 21-Sep-07 | Hole ID: **2007-004**

INTERVAL (m) From	To	Rock Code	Zone	HCL		ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
						dolomite			py						
						silica	15	Weak-moderately silicified matrix, mainly in zones lacking iron staining.							
oriented at ~30-35 degrees to core axis. Minor zones (~3%) of completely decalcified "sandy mud" matrix. ~0.1% finegrained (up to 0.1cm) dark yellow-green mica prisms.															
85.6	86.9	glCCCD		W		amphibolite	0.3	Fine-medium sized dark green clots (<0.1-0.3cm), possibly chlorite.	nb	0.05	Rare-trace fine-medium sized aggregates (0.1-0.3cm) of rusty red-brown, possibly iron oxides.	laminations	w	40	
						calcite			ma			veining			
						dolomite			py						
						silica									
Pink-buff fine grained (<0.1cm) weakly calcareous rockmass. Zones of brown appear to be iron stained calcite. Slightly blocky core rock with ~50% of the interval being completely decalcified (fine rubble/sandy mud texture).															
EOH @ 86.86m.															

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GEOLOGY LOG

Hole ID **2007-005**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454608.00	6257271.00	1964.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		115.90
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
BTW	0.00	115.90	115.90

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Peak Drilling**		
Geology By	**JO**		
Geotechnical Log	**DB**		
Specific Gravity	**JO**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Jim Oliver | Date: 14-Sep-07 | Hole ID: **2007-005**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	4.0	OVBN			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing: Estimated position of casing. No casing block.														
4.0	14.1	nCC		W	amphibolite calcite dolomite silica			nb ma py	0.15	Niobates exist as very fine grained disseminations, with no coarser grained aggreates or compositional layers.	laminations veining		39	
A fine grained light to tan yellow cream carbonatite is cored in this interval. Grain size is highly variable ranging from less than 0.25 mm to > 1.0 cm. De-calcification textures are absent. The rock has a consistent but weak HCL response.														
14.1	18.2	OXID		VW	amphibolite calcite dolomite silica			nb ma py			laminations veining			
The interval is defined by the abrupt onset of a strongly oxidized massive sulphide band. Within this interval approximately 3 m of core loss or non-recovery has occurred.														
18.2	33.5	dCCCD		W	amphibolite calcite dolomite silica			nb ma py	0.2 0.05 0.25	Niobates exist as small very fine grained disseminations uniformaly distributed throughout the rock mass. Magnetite at trace levels. Partially oxidized pyrites are noted across the interval. These are oxidized to deep red oxides and may potentially be misidentified as niobates.	laminations veining	w	50	
A medium to occassionally coarse grained pale creamy buff calcitic carbonatite characterizes the interval. The rock mass has cored exceptionally well with limited fracture development and low rock oxidation. Very weak compositional layers may be identified.														
33.5	38.5	nAM		M	amphibolite calcite dolomite silica	5	Minor mm scale calcite-hematite veins and veinlets are noted within this interval.	nb ma py			laminations veining			
Chloritized, felted texture amphibolitic dykes form the interval. The intrusive nature of the contact id inferred by dimished grain size and enhanced calcite contents towards the sturcturall lower contact. Four principle mineral groups are identified: amphibole 35%: chlorite 35%: phlogopite 15%: calcite 15%. Minor calictic carbonatite inclusions which average less than 10% of the interval volume are noted. These occassionally have diffuse margins and have been partially assimilated into														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
the amphibolites. The unit is non-magnetic, contains no sulphide phases and no compositional layers.														
38.5	42.7	dCD		VW	amphibolite calcite dolomite silica			nb ma py	0.25 0.5	The rock contains 0.25-0.35% with most of the dark re-black oxides appear to be related to oxidized pyrites.	laminations veining	w	72	
Medium to coarse grained yellow cream dolomitic carbonaties form the interval. This rock mass is very weakly reactive to HCL. Based on its HCL response it would be classified as a dolomitic carbonatite; based on its color (low Fe-Mg contents?) it would be classified as a calcitic carbonatite. The units upper contact is sharp but the lower contact is defined by a 75 cm white bleach zone. Carbonate grains may exceed 0.75x1.25 cms. Euhedral amphibole phenocrysts are disseminated at 2-3% levels across the interval.														
47.8	49.7	nCC		M	amphibolite calcite dolomite silica			nb ma py	0.05 0.25	Niobates are not conclusively identified within this interval. Oxidized and intact pyritic sulphides are noted at low levels.	laminations veining			
The carbonatite is medium to pale yellow cream and is weakly reactive to HCL. Internal compositional layers are weakly developed. Coarse euhedral amphiboles are absent but fine grained weakly streaked amphibole compositional layers are weakly identified.														
49.7	70.5	nAM		M	amphibolite calcite dolomite silica	5	Phlogopite plus or minus pyrite may flank small scale sub mm fractures and veinlets.	nb ma py	 0.25	 Pyrite noted in trace levels.	laminations veining			
Amphibolite dykes in this interval are locally strongly chloritized. Very fine grained felted chlorite has retrograded and significantly replaced 75% of the primary amphibole in this body. The lower contact of the unit displays a well developed chill margin. Contact relations strongly suggest these are either co-eval or slightly post date emplacement of the main carbonatite complex. They appear to be un-related to fenitization. Partially re-sorbed cabonate lenses are noted, particulary between 55.7-57.3 m's with 50% carbonate contamination between 64.5 and 69.5 m. Phlogopite micas increase in concentration within these intervals.														
70.5	75.5	dCD		M	amphibolite calcite dolomite silica			nb ma py	0.25	Niobates present as minor disseminations.	laminations veining	w	43	
Cream to off-white calcitic carbonatites form the interval. The net percentage of definitive "buff" to brown dolomites average less than 10%. The percentage, density and size of coarse phlogopite bands increases towards the structural lower contact. The lower contact at 75.5 m's is tight with no evidence of shearing.														
75.5	77.5	nAM		M	amphibolite calcite			nb ma			laminations veining			
Crowded actinolite lathes are identified form 70% of the rock matrix, phlogopite 15% and calcite the remainder.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Niobates are not identified and the dyke in non-magnetic. No sulphide phases are identified.					dolomite silica			py						
77.5	81.7	dlCD		W	amphibolite calcite dolomite silica			nb ma py	0.5 0.25	Niobates are present as fine grained disseminations, and very small 1.5 mm aggregates.	laminations veining	w	45	
Medium grained dolomitic carbonatites are sporadically compositionally layered and are flecked with 1-1.5% oxide and sulphide phases. Well formed euhedral pyroxenes and even larger 10x20 mm composite carbonate aggregates are formed win this interval.														
81.7	85.6	nAM		M	amphibolite calcite dolomite silica	5	Both magnetite and pyrite are noted flanking late calcite veinlets.	nb ma py	0.25 0.25		laminations veining	w	48	
Medium green, moderately calcareous mafic dykes form the interval. Mafic assemblages include, actinolite-phlogopite-chlorite. Calcite exists as minor matrix infills and as late discordant dykes. Minor < 10% by volume, dolomitic carbonatite inclusions are noted.														
85.6	89.3	dlCD		W	amphibolite calcite dolomite silica			nb ma py	0.75 1	Niobates may be included with oxidized pyritic fractures. Associciated with microveinlets.	laminations veining	m	48	
Weakly to moderately laminated dolomitic carbonatites are cored in this interval. Planar cm scale compositional layers are best identified towards the bottom of this interval. Dolomite crystals frequently exceed 1.0 x 1.5 cm in length.														
89.3	95.3	nAM		M	amphibolite calcite dolomite silica	5	The unit is cut by minor calcite veinlets.	nb ma py			laminations veining	w	50	
Medium to dark green significatnly calcareous mafic dykes form the interval. Relative to up-hole dykes the percentage and volume of carbonatite inclusions has decreased. Net sulphide and oxide levels are virtually non-existant. In contrast to the previous interval, phlogopite levels have significantly decreased.														
95.3	106.8	CD		W	amphibolite calcite dolomite silica			nb ma py	0.25 0.25	Niobates are noted as medium to fine grained disseminations. Largely oxidized.	laminations veining	w	52	
A compact, buff yellow poorly laminated dolomite carbonatite charactizes the unit. Compositonal bands are virturally absent and the matrix is composed of interlocked fine to medium grains. As throughout this borehole, de-calicification textures are absent. Very minor, <15 cm brown oxide zones are locally noted. The largest of these is identified at 97.1 m.														
106.8	115.9	nAM		M	amphibolite			nb			laminations	w	22	
A massive, moderately chloritic and significantly														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Jim Oliver | Date: 14-Sep-07 | Hole ID: **2007-005**

INTERVAL (m) From	To	Rock Code	Zone	HCL		ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
	carbonatized mafic dyke. From 112.2 to 115.9 the dyke contains partially re-sorbed carbonatites. Niobates are absent. Internal compositional layers are absent and the unit is non-magnetic. The borehole is terminated at 115.9 m.					calcite	2	The interval is cut by numerous hairline calcite-hematite micoveinlets in the 2-3% by volume range.	ma			veining			
						dolomite			py	0.25	Minor dissemiations.				
						silica									

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-006**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454094.00	6257522.00	1912.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
			152.40
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	152.40	152.40

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 13-Sep-07 | Hole ID: **2007-006**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	3.4	OVBN			amphibolite calcite dolomite			nb ma pc			veining			
Broken, rubbly core rock, appears to have mixed fragments. Fragments of various colours ranging from dark green only to mixed blue-green-grey, and brown-buff. Weakly oxidized.														
3.4	9.4	lCC			amphibolite calcite dolomite silica	 6	trace amounts groundmass of pale blue-grey calcite brown-buff dolomite	nb ma pc	0.1	trace niobate group mineralization	veining			
Buff-grey, fine-medium grained, weak-moderately laminated rockmass. Rock fabric at low angles (~20 degrees) to core axis; defined by mm-scale bands of brown-buff dolomite in a groundmass of pale blue-green-grey calcite (5-7% dolomite). Break surfaces are weakly oxidized. Trace pale-grey-green soft mineral (amphibole?) noted. Slight pitted texture, generally locallized to dark brown bands (decalcification textures?). Fairly competant core rock with fracturing at low angles (<25 degrees) to core axis. One large feracture running sub-parallel to core axis noted.													
9.4	13.5	CD			amphibolite calcite dolomite	 1.5	 grey light brown-buff colouring	nb ma py	2.5 2		veining			
Mottled medium brown-buff, fine-grained, rubbly rockmass. Weak laminations are noted at low angles (~25 degree) to core axis. Mottle colouring dominated by light brown-buff (dolomite) with irregular mm-scale bands of grey calcite. Rubbly and blocky core rock with strong pitted textures; possibly due to meteoric water weathering or decalcification textures (near surface). Pale blue-green soft mineral noted (chlorite after amphibole?) Niobate group minerals noted in moderate amounts (<3%), mostly disseminated (especially in rubble zones) and occasionally in bands in more competant rock. Minor pyrite is associated with mineralization, generally at core with dark red-brown niobate mineral forming rims.													
13.5	22.3	lCC			amphibolite calcite dolomite	0.5	irregular blebs scattered throughout matrix	nb ma py pc	1.5 0.7 	1-2% forms core with pyrochlore rims forms rims around pyrite blebs	veining			
Dappled pale blue-green grey, fine-medium grained (0.2-0.4cm across) rockmass. Weak-moderately laminated at low-moderate angles (~15-40 degrees) to core axis. Lamination defined by light orange-brown buff coloured bands of dolominte and minor irregular blebs (<2.0cm across) of pale green amphibole(?) Fairly competant core rock with occasional fracturing, mostly following laminations (up to ~30 degree to core axis). Minor oxidization noted on fracture surfaces.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Niobate group minerals generally occur in mm-sclae stringers with some wider (up to ~1cm), defused bands (1-2%). Rare-trace amounts of disseminated mineralization. Associated pyrite also occurs as core zones of mineralized blebs, with rims of dark red-brown pyrochlore.														
22.3	23.2	AMy		W	amphibolite calcite dolomite			nb ma pc	0.2	trace amounts noted "contact alteration zone"	veining			
Dark velvet green, fine-medium grained (<0.1cm across) chloritic (after amphibole?) dyke. Distinct contacts orientated at ~40 degrees to core axis. Upper contact has small (<2cm wide) reaction "rims" while the lower contact has buff coloured (dolomitic?) contac zone, approximately 15cm wide. The matrix is calcareous. Moderate amounts of brown flakes (0.2-0.7cm across) of biotite is scattered throughout. Core rock is cross-cut by narrow irregular barren calcite stringers. @24.75-24.97m "Contact alteration zone" Laminated but disturbed. Bands of grey calcite and brown-buff dolomite. Trace pyrite and magntite blebs (<1cm) noted, slightly elongated.													
23.2	32.0	lCC			amphibolite calcite dolomite	48	~48% of interval comprised of chlorite/amphibolite dykelets	nb ma py		rare mineralization trace amounts noted	veining			
Mixed interval of grey medium grained (0.2-0.5cm) calcite carbonatite intruded by dark velvet green chlorite/amphibole dykes (~48% of interval). Calacitic zones are weakly laminated with fabric generally orientated at low-moderate angles (<25 degrees) to core axis. These dykes are generally abundant with biotite/phlogopite, especially cloer to contacts. "Clasts" of banded calcite and bhlorite/amphibole (up to 2cm across) appear to be entrained throughout (up to 20cm in length). The matrix is cross-cut by narrow (<0.5cm wide) calcite and bands (<2cm wide) of tan-buff dolomite. Rare-trace amounts of mineralization noted in calcitic intervals. Trace amounts of sulphides seen in discontinuous stringers. @26.85- ***m "dyke" @32.0-32.84m "dyke"													
32.0	41.3	lCCCD			amphibolite calcite	70	medium-large grain size (0.3-0.5cm) "groundmass"	nb	0.5	fine-medium grained disseminations, ~0.1% in diffused stringers	laminations veining	w	10	mostly sub-parallel to core axis
Mottled pale blue-green grey and light tan-buff rockmass. Variable grain size, dominately medium-large (0.3-0.5cm) in grey groundmass and fine (<0.2cm) in buff														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
coloured zones. Weakly laminated texture; fabric generally running sub-parallel to core axis. Somewhat competant core rock with minor amounts of fracturing, generally at ~30-50 degrees to core axis. Weak-moderate oxidization (?) noted on breakage surfaces. Minor amounts of irregular bands (up to 3cm wide) of medium-dark grey-green chlorite noted (<1% of interval). Niobate mineralization generally occurs as fine-medium disseminations (~0.5%) with <0.1% occuring in defused stringers. Trace pyrite is also seen.					dolomite		fine grained (<0.1cm) buff narrow bands	ma py		 trace disseminated grains				
41.3	46.6	CCCD		W	amphibolite calcite dolomite silica		 mixed carbonatite, but calcite dominated weak-moderate silicification of the matrix (surcrosic texture noted)	nb ma py	0.5	disseminated	laminations veining			
Mottled grey and buff rockmass, similar to unit abouve (34.40-44.50m). Variable grain sized (coarser in white calcite, finer in buff dolomite). Massive texture with weak-moderate silicification (weak sucrosic texture). Blue-grey calcitic zones have slightly dappled grey colouring. Somewhat competant core rock with zones of blockiness; these appear to generally be rubbley likely due to decalicification. Niobate mineralization occurs as disseminated blebs (<0.7cm across) and makes up ~0.5% of the matrix. Small elongated black specks are also noted, mainly in the lower part of this interval (<0.1cm).														
46.6	49.3	CCCD			amphibolite calcite dolomite silica	1 80 	diffused chlorite (after amphibole?) bands, up to 4cm wide dolomite dominated matrix weak surcrosic texture	nb ma py	0.5	disseminated grains (<0.2cm)	laminations veining	w	35	diffused chlorite bands
Mottle buff and blue-grey rockmass, similar to above unit (44.50-50.16m). Dolomite is more dominate in this interval and makes up ~80% of the matrix. Similar massive texture with decrease in sucrosic texture. Weak-moderate pitted surface, mostly limited to zones with buff colouring. Soft dark grey-green defused bands (up to 4cm wide) of chlorite after amphibole(?) noted, generally cross-cutting core at ~35 degrees to core axis. Niobate mieralization mainly occurs in areas of rubbly core rock but is noted as fine disseminated grains (<0.2cm) throughout and makes up ~05% of the matrix. Small elongated black specks are also noted in ths interval (<0.1%)														
49.3	62.9	dCD			amphibolite calcite dolomite	 5 		nb ma py	0.5 0.05	finely disseminated grains	laminations veining			
Buff couloured fine grained (<0.2cm) dolomitic rockmass with minor patches of dappled grey and white calcitic carbonatite. Mostly massive texture with locallized banding of darker buff dolomite. Slight decrease of dolomite moving downhole. Locallized speckled														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica									
colouring due to small-medium (0.1-0.3cm) grains of dark grey-green amphibole occuring as diffused bands up to 5cm wide. Possibly trace silicification of the matrix. Possibly trace ankerite. Niobate mineralization occurs in trace-minor amounts generally as finely disseminated grains with rare associated sulphides (pyrite).														
62.9	66.6	dCD			amphibolite calcite dolomite silica	0.1	Rare-trace amounts of euhedral grains (<0.4cm).	nb ma py	0.05	Rare-trace disseminated grains Minor amounts of associated pyrite.	laminations veining			
Dappled pink-buff, fine grained rockmass with rare-trace amounts of euhedral dark grey-green amphibole (<0.4cm across). Increasing dolomite content moving downhole. Minor amounts of pale yellow-green specks (<0.3cm across) of phelgopite(?). Rare-trace amounts of disseminated niobate mineralization (<0.5cm across) with rare amounts of associated pyrite. Rare-trace phlogopite <0.3cm grains.														
66.6	86.3	gfCD			amphibolite calcite dolomite silica	0.1	Euhedral aggreates (<0.7cm) Phenocrysts(?), <0.7cm	nb ma py	0.8	Euhedral aggreages of niobates (up to ~2cm across), minor amounts as fine disseminations.	laminations veining	m	30	Irregular veinlets, up to 1cm wide. White calcite, translucent grey quartz, dark velvet green chlorite (after amphibole?)
Massive fine grained (<0.1cm) buff dolomitic groundmass. Decreasing calcite and increasing amphibole/chlorite content moving downhole. Very weakly pitted core surface, generally in areas of strong "rusting". @84.58-85.35m "xCD" Large fragments (up to 6cm) and angular in shape. Infilling material appears to be clacite with minor amounts of silicification. @90.75-91.32m "AMy" Dark green amphibole dyklet, likely associated with following unit (splay of dyke?). Upper contact is irregular and weakly brecciated. Lower contact is slightly irregular and orientated at ~50 degrees to core axis. Unit is cross-cut by calcite veinlets (<3cm).														
86.3	89.5	xAMXy			amphibolite calcite dolomite silica	 10 6		nb ma py			laminations veining	S		Irregular white calcite veinlets (up to 1cm wide).
Likely to be a dark grey-green amphibolitic dyke that has been deformed and brecciated by faulting/magma mixing(?). Mixed rock with amphibolite groundmass. Fragments/wispy bands (up to ~40cm wide) of pink-buff dolomite carbonatite. White calcite veining is abundant throughout this unite (up to 1cm wide). Moderate strongly deformed (most structures are affected). Contacts are easily seen orientated at ~50 (upper) and														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
~30 (lower) degrees to core axis.														
89.5	96.4	dCD		W	amphibolite			nb	0.2		laminations			
Mottled pink-buff , fine-medium grained dolomitic rockmass (<0.1-0.4cm across). Minor dapple blue-grey coarser grained (up to 0.7cm) calcite. Occasional irregular blebs (up to 5cm wide) of dark velvet green chlorite (after amphibole?). Small-medium grained (up to 1cm) dark mafic specks; appears to mostly be dark grey-green amphibole with minor amounts of red-brown niobates. Rare amounts of associated sulphides, mainly pyrite.					calcite	30	Minor zones of dappled blue-grey calcitic carbonatite.	ma			veining			
					dolomite			py	0.05	Rare-trace amounts of sulphides (pyrite) associated with niobate mineralization.				
					silica									
96.4	102.2	dfCD		M	amphibolite		Medium-large (up to 1.5cm) euhedral aggregates of dark green amphibole. Closer to lower contact.	nb	0.2	Mainly occuring as fine-medium grained disseminations (<0.3cm).	laminations			
Mottled and patchy pink-buff, fine-medium (<0.1-0.3cm) grained dolomitic rockmass. Minor amounts of blue-grey calcite. Fairly competant core rock with locallized zones (up to ~10cm wide) with moderate-strong pitted textures (decalcification). Minor fracturing, generally orientated at ~30 degrees to core axis. One fracture noted running sub-parallel to core axis (~40cm in length).								ma			veining			
					calcite	30		py						
					dolomite									
					silica									
102.2	109.7	lCC		M	amphibolite			nb	0.1	Trace amounts in stringers.	laminations	vw	25	
Dappled pale blue-grey medium grained (0.1-0.4cm) calcitic rockmass with trace amounts of pink-buff dolomitic wisps (~2%). Appears to be very weakly laminated with minor sucrosic texture; weakly silicified. Competant core rock with rare fracturing. Wisps and stringers of dolomitic carbonatite (some carrying rare-trace mineralization).					calcite			ma			veining	w	20	Low-moderate angled (up to ~30 degrees). Wisps and stringers of dolomitic carbonatite.
					dolomite	2	Pink-buff wisps.	py	0.2	Small disseminated blebs (<0.5cm).				
					silica									
109.7	115.4	dCCCD		W	amphibolite			nb	0.1	Trace-minor amounts of red-brown mineralization	laminations			
Dappled medium blue-grey calcitic (with minor dolomite) carbonatite. Similar to unite above at 109.99-118.05m. Appears to be weak-moderately flooded by grey silica. Phenocrysts of calcitic silica(?) noted (<0.3cm across grains). Trace-minor amounts of red-brown mineralization; appears to be dominantly pyrite with rare-trace niobates. Fairly competant core rock with minor fracturing at ~20 degrees to core axis. Minor grey-white veinlets (<1cm) of calcite and/or quartz; dominatly orientation at ~20-35 degrees to core axis.					calcite			ma			veining	w	30	Grey-white calcite and/or quartz (up to 1cm wide).
					dolomite	30		py	0.3					
					silica	35	Weak-moderately grey silica flooded matrix, withouth sucrosic textures.							
115.4	116.5	dCC		W	amphibolite			nb	0.1	Trace amounts of fine-medium grained red-brown grains.	laminations			
Mottle blue-grey, fine-grained calcitic rockmass with trace														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
amounts of pink-buff dolomite. Similar to unit uphole at 109.99-118.05m. Moderately silicified with weak-moderate surcrosic texture. Trace amounts of fine-medium grained (0.2-0.5cm across) red-brown blebs; likely to be niobate mineralization.					calcite dolomite silica	5		ma py			veining			
116.5	128.1	dfCCCD		W	amphibolite calcite dolomite silica			nb ma py	0.2 0.5	Fine grained disseminations (<0.2cm)	laminations veining	vw	35	Often deformed and offset.
Mottled blue-grey and pink buff unit of mixed calcite and dolomite with possible weak silcification. Somewhat competant core rock with localized zones (~30cm wide) of blockiness; generally associated with zones of strong pitted textures. Fracturing mostly orientated at ~30 degrees to core axis.														
128.1	131.6	dfCD		M	amphibolite calcite dolomite silica	0.2 2	small dark black-green specks (<0.2cm across) Very minor amounts of calcitic carbonatite, appearning almost as clasts within dolomitic matrix. Weak-moderately silicified, generally near contacts and zones of very weak brecciation.	nb ma py	0.05	trace amounts as fine disseminated grains	laminations veining	m	20	Measurable vein orientation at ~20 degrees to core axis. Many narrow irregular stringers.
Poor recovery in this interval (<60%). Medium brown-buff dolomitic rockmass with weak-moderate HCl reaction. Cross-cutting by white-grey quartz veinlets (<1cm wide) and narrow white calcitic stringers; dominantly orientated at shallow angles (<20 degrees) to core axis. Blocky and rubbly core rock with signicificant core loss. Moderate amounts of decalcification as evidenced by moderate pitted textures. No dominant fracturing orientation.														
131.6	137.6	dCD		M	amphibolite calcite dolomite silica	1.5 5	Occurs as dark green sub-euhedral clots (up to 0.4cm across). Minor zones of calcitic carbonatite.	nb ma py	0.75 0.3	Fine disseminations (<0.2cm across). Fine disseminations (<0.1cm across), generally oxidized to a rusty orange-brown colour.	laminations veining	vw	35	Very weak and difused wisps of darker buff dolomite.
Mottled pink-buff dolomitic rockmass with minor zones of blue-grey calcite; very weakly banded texture with irregular and defused boundaries. Fairly competant core rock with minor amounts of fracturing. No dominant breakage orientation.														
137.6	138.4	bAMy		M	amphibolite calcite dolomite	1 20	White calcite veins (<2cm wide) cross-cut core rock Almost appears to overprint the chlorite matrix	nb ma	0.5 0.7	Fine-medium grained (<0.1-0.3cm across), generally in dolomitic zones and occuring as discontinuous bands. Appears to be mainly finely disseminted throughout chloritic	laminations veining			
Two dark velvet green chlorite (after amphibole?) dykelets cross-cut the core in this interval. Contacts are distinct and orientated at ~50-75 degrees to core axis. Two intervals of brown-buff dolomitic carbonatite, similar to above unit at 141.6-148.13m.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica					matrix with occasional bleb (up to 1cm wide).				
								py	0.05	Trace amounts of fine disseminations.				
138.4	144.5	dCC	W		amphibolite	1	One weakly crackle-brecciated dykelet cross-cuts core. Trace amounts of fine-medium grained blebs (0.1-0.4cm) also noted.	nb	0.7	Finely disseminated grains (<0.1cm across) scattered throughtout the matrix.	laminations	vw	25	~15-40 degrees to core axis.
											veining	w		Narrow, irregular grey-white and cream calcitic stringers.
								ma						
								py						
					calcite									
					dolomite	10	Irregular smears, usually associated with decalcified and pitted zones.							
					silica	15	Weak-moderately silicified matrix (sucrosic texture).							
144.5	148.2	dlCD	M		amphibolite			nb	1	Niobates generally occur as fine disseminations (<0.1cm), with ~0.2% occurring as medium sized elongated blebs (up to 0.5cm across long axis). Mostly occurs in patches of pink-buff rock.	laminations	w	35	
					calcite	5					veining			
					dolomite		Decreasing dolomite content moving downhole.							
					silica	2	Matrix appears to be very weak-weakly silicified.							
								ma						
								py						
148.2	152.4	blCCCD	VW		amphibolite	0.5	Small-medium sized grains (up to 0.3cm) scattered throughout the matrix.	nb	0.8	Niobate mineralization generally occurs in narrow (<0.2cm wide) discontinuous stringer following lamination orientation in calcitic zones. In dolomitic zones, niobates occur mostly as fine disseminations (~0.2%)	laminations	m	30	Laminations defined by mm to cm-scale bands of pink-buff dolomte and blue-grey calcite (up to 2cm wide).
					calcite	30	Mostly in xenolith fragments with distinct contacts.				veining	w	30	Discontinuous veinlets/stringers (<0.2cm wide), generally carrying small niobate and/or pyrite grains.
					dolomite									
					silica	5	Matrix is weakly silicified, espcially in calcite rich zones.							
								ma						
								py	0.1	Pyrite occurs similiarly to niobates; generally carried in narrow and discontinuous stringers in calcitic zones.				

Weak-moderately laminated interval of mixed rock.
Appears to be slightly brecciated and contain xenolith fragments (up to 7cm across).
Blue-grey xenolith clasts appear to be calcitic carbonate banded with narrow and discontinuous stringers carrying finely disseminated niobate mineralization.
Good competant core rock with very minor zones of broken core. No preferred breakage orientation.

EOH @ 152.4m

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-007**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454275.00	6257514.00	1991.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		134.12
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	134.12	134.12

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Mechanical difficulties.

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 17-Sep-07 | Hole ID: **2007-007**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	3.1	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; no core rock recovery.														
3.1	9.8	gfCC		W	amphibolite calcite dolomite silica	0.3 15 1	Generally occuring as medium-dark grey-green slighly poikioblastic, angular grains. Buff-brown coloured, increasing content moving downhole. Weakly silicified matrix.	nb ma py	0.5	Mostly occuring as small subhedral-euhedral aggregates (up to 0.3cm across), some <0.1% occurs as fine disseminations. Appears to be mainly pyrochlore.	laminations veining	 w		 Minor amounts of cream calcitic veinlets (<1cm wide). No dominant orientation.
Mottled grey and brown-buff calcitic rockmass. Weak reaction with HCl except in brown-buff coloured zones. Strong decalcificiation textures in soft, "muddy'/sandy zones. Texture also possibly due to weathering by meteoric water. Blocky, rubble core with moderate recovery. <20% of the interval is intact core.No preferred fracturing orientation.														
9.8	13.8	gfCD		W	amphibolite calcite dolomite silica	0.5 3	Occasional phenocryst grained (subhedral-euhedral, <0.5cm across) seen in "sandy mud" matrix. Minor cream-white calcitic veinlets (<1cm wide). Occasional phenocryst grain (<0.4cm across) seen in "sandy mud" matrix.	nb ma py	0.7 0.05	Generally occuring as fine-medium grained subhedral-euhedral grains (0.1-0.4cm across). Trace amounts of fine grained (<0.1cm) pyrite noted in "sandy mud" matrix.	laminations veining	 w		 Minor amounts of cream-white calcitic veinlets (<0.1cm), some carrying dark green amphibolite.
Medium-dark brown-buff strongly decalcified/weathered(?) interval. Rubble with <5% solid core rock. Most of interval has texture/matrix of sandy mud. Rare sections of solid core rock are generally <15cm in length. These zones are light-medium brown-buff coloured and reacts moderate-strongly to HCl.														
13.8	16.6	blCCCD		M	amphibolite calcite dolomite	0.8 40	Small subhedral-euhedral grains (<0.3cm). Groundmass of solid core rock generally blue-grey in colour Buff-brown bands in calcitic groundmass. Dolomite also appears to compose most of the "sandy mud" matrix.	nb ma py	0.5	Niobate mineralization mostly occurs in this interval in elongated grains following lamination orientation. Trace amounts of fine disseminations also noted.	laminations veining	m	45	~40-50 degrees to core axis. Brown-buff bands up to 1.5cm wide.
Similar to unit uphole at 3.28-10.58m. Weak-moderately laminated/banded grey and medium brown-buff calcitic rockmass. Moderate-strong reaction with HCl. ~63% of interval has texture of sandy mud and appears to be strongly decalcified/weathered by meteoric water(?). Solid sections of core rock also has moderate pitted textures, generally following lamination orientation.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica	1	Solid sections of core rock appear to be moderately hard and likely to be weakly silicified.							
16.6	18.0	gfCD		S	amphibolite calcite dolomite silica	5		nb ma py	0.2 0.05	Slightly elongated blebs (up to 0.3cm across long axis), appears almost as discontinuous stringers. Rare-trace amounts of finely disseminated pyrite grains scattered throughout matrix.	laminations veining			
Similar to interval at 10.58-14.8m. Medium-dark brown-buff, fine grained (<0.2cm across) moderately decalcified/weather rockmass. Blocky core rock with ~35% comprised of semi-solid "sandy mud" matrix. Solid sections have strong reaction to HCl while "sandy mud" sections do not.														
18.0	19.6	bfCCCD		VW	amphibolite calcite dolomite silica	0.2 30	Occurs as medium grey-green sub-angular grains (up to 0.3cm), usually somewhat associated with mineralization. Irregular wispy bands of light-medium bands of dolomite.	nb ma py	0.3	Niobates tend to occur as elongated blebs (up to (<0.4cm across long axis), nearly forming discontinuous stringers/bands.	laminations veining	m	45	Light brown-buff, slightly diffused bands ranging from 0.1 to ~3cm wide.
Similar to above unit at 14.8-17.83m. Weak-moderately laminated/banded grey and light-medium brown-buff calcitic rockmass. Weakly silicified matrix, mostly in zones of blue-grey colouring. ~33% of interval is comprised of solid core rock with locallized/almost banded zones of pitted textures. The remainder is made up of strongly decalcified/weathered, rubblely semi-solid core.														
19.6	22.3	dfCD		M	amphibolite calcite dolomite silica	1	Grey calcite mostly occuring as narrow veinlets (<0.1cm wide)	nb ma py	0.05	Rare-trace amounts of niobate mineralization, mostly occuring as fine-medium disseminated grains (up to 0.3cm across). Almost forming discontinuous stringers.	laminations veining	vw	55	Narrow grey-white calcicitic stringers (up to 0.5cm wide).
Similar to unit uphole at 10.58-14.8m. Medium-dark brown-buff strongly decalcified/weathered interval. Rubble with ~10% of solid core rock. Remainder of interval has texture of semi-solid sandy mud. Rare sections of solid core rock generally <20cm in length and reacts moderate-strongly to HCl while rubbly zone do not. Very minor zones (<2%) of noted brecciated texture with grey-white chalcite as infilling material.														
22.3	27.3	bfCC		VW	amphibolite calcite dolomite silica	7 4	Generally occurs as diffused and discontinuous stringers/bands. Weak-moderately silicified	nb	0.1	Niobates generally occur as weakly elongated small-medium grains (<0.1-0.3cm across) in very diffused bands, becoming more disseminated moving downhole.	laminations veining	w vw	45 40	Weak-moderately diffused brown-buff bands, ranging from 0.2 to 2.5cm wide. Very discontinuous stringers carrying niobate mineralization.
Weakly laminated/banded, fine-medium grained (<0.1-0.3cm across) mottled cream-white and light brown-buff rockmass. Appears to mostly be calcitic with minor amounts of silicification. Strongly decalcified and rubble core ("sandy mud" texture) with ~20% of interval comprised of solid core rock. Minor zones of fine grained medium brown-buff														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
dolomitic carbonatite (<10cm in length).							matrix.	ma py						
27.3	31.0	gfCD		S	amphibolite calcite dolomite silica	 1	 Blue-white, medium grained (0.2cm across) calcite generally occuring as narrow veinlets (<1cm wide).	nb ma py	0.3	Niobates mostly occurring as small subhedral-euhedral grains (<0.2cm across) scattered throughout matrix.	laminations veining	 w	 	 Narrow calcite veinlets (<1cm wide) with no preferred orientation.
Medium-dark brown-buff, fine grained (<0.1cm across) moderately decalcified/weathered rockmass. Blocky core rock with ~25% solid core rock. Remainder of interval is comprised of semi-solid "sandy mud". Sections of solid core rock generally reacts strongly to HCl while rubble zones do not.														
31.0	33.7	glCC		W	amphibolite calcite dolomite silica	0.2 5 1	Small-medium angular aggregates of dark grey-green (up to 0.4cm across). Diffused and irregular pale brown-buff bands. Weak-moderately silicified.	nb ma py	0.1	Small-medium grained aggregates of red-brown niobate mineralization noted scattered throughout the matrix. Generally occuring in brown-buff zones.	laminations veining	w w	45 40	Wispy, diffused and irregular banding of brown-buff (ranging from 0.2 to 1cm wide) Irregular cream-white calcitic stringers, up to 0.4cm wide.
Mottled cream and light brown-buff, fine-medium grained (<0.1-0.3cm) rockmass with weak-moderate silicification of the matrix. Fairly competant core rock with minor zones of blocky core and semi-solid "sandy mud" matrix. Preferred fracturing orientation at ~50 degrees to core axis.														
33.7	36.6	nfCD		M	amphibolite calcite dolomite silica	0.1 15 	Trace amounts of fine grained dark black-green chlorite. Mostly seen as infilling material in healed brecciated zones. Minor patch of cream white calcite carbonatite.	nb ma py	0.05	Rare-trace amounts as small aggregates (<0.2cm grains), generally noted in calcitic carbonatite zone.	laminations veining	 w	 35	 Narrow white calcite stringers (<0.2cm wide).
Medium brown-buff, fine-grained rockmass. Weakly brecciated with grey-white calcitic infilling. Minor patches of lighter coloured, more calcitic and silicified unite; possible clasts with weakly diffused contacts. Moderately competant core rock with ~45% solid core rock. The remainder of the interval is comprised of "sandy mud" matrix. Slight orientation noted on decalcicification textures, orientated at ~40 degrees to core axis.														
36.6	39.8	gCC		W	amphibolite calcite dolomite	0.5 15	Fine to medium (<0.1-0.4cm), subhedral to euhedral grains of dark black-green scattered throughout the matrix. Irregular "washes" of light brown-buff, almost apear to be very weak bands.	nb ma py	0.3	Small-medium red-brown, euhedral aggregates, up to 0.4cm across.	laminations veining	vw	45	~30-50 degrees to core axis, wispy and diffused light brown-buff colouring.
Similar to unit uphole at 33.35-36.24m. Mottled cream and light brown-buff, fine-medium grained (<0.1-0.4cm) rockmass. Matrix appears to be weakly silicified. Fairly competant core rock with minor zone of blocky core and a small zone (~20cm in length) of semi-solid "sandy mud" matrix. No preferred fracturing orientation.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 17-Sep-07 | Hole ID: **2007-007**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica	10	Matrix in this interval is weakly silicified.							
39.8	42.2	gfCCCD		M	amphibolite calcite dolomite silica	70 1	Identified by medium buff-brown colouring, however, reacts strongly to HCl. Weak-moderately silicified patches.	nb ma py	0.2	Fine grained subhedral-euhedral red-brown niobate mineralization; likely that majority is pyrochlore.	laminations veining	 w	 65	 Ranging from 0.2 to ~1.5cm wide, dark velvet green bands (chlorite?) and white calcitic stringers (<0.3cm) cross-cut the core rock.
Interval of mixed rockmass. ~70% is comprised of medium brown-buff fine-grained groundmass (strongly reactive to HCl). The remainder is comprised of cream-white fine-medium grained (up to 0.4cm) weakly silicified calcitic carbonatite (weak HCl reaction). Somewhat competant core rock with ~35% intact core rock. Zones of medium brown-buff tend to be moderate-strongly decalcified and has texture of semi-solid "sandy mud".														
42.2	43.3	dlCC		M	amphibolite calcite dolomite silica	0.3 5 0.5	Rare-trace amounts of dark green specks. Chloritic veinlets noted. Irregular washes and "veinlets". Locallized zones of weak silicification.	nb ma py	0.05	Trace amounts of fine-medium disseminated red-brown grains. Occasional aggregate (<0.4cm).	laminations veining	m w	30 45	Diffused bands of cream to brown-buff, ranging from <0.1 to 3cm wide (forming contact zones to veinlets). Narrow veinlets (<1cm) of white calcite and dark green chlorite(?)
Weak-moderately laminated fine-medium grained (<0.1-0.4cm) white-grey calcitic carbonatite. Weak washes of light brown-buff noted throughout the matrix; orientated at ~50 degrees to core axis. Matrix appears to be very weakly silicified. Competant core rock with minor amounts of facturing. No preferred breakage orientation.														
43.3	44.3	dfCD		S	amphibolite calcite dolomite silica	0.5	White calcite present mostly as infilling material; seen as narrow and irregular veinlets.	nb ma py	0.07	Trace amounts of fine-medium grained dissseminations. Generally scattered but occasionally following veining orientation. Rare graine >0.2cm across.	laminations veining	w vw	35	"Lamination" orientation seen in semi-solid "sandy mud" matrix. Irregular narrow white calcitic infilling veinlets (<0.5cm wide).
Medium brown-buff, fine grained (<0.1cm) rockmass. Strongly reactive to HCl. Moderately blocky core rock with ~40% of this interval comprised of strongly decalcified "sandy mud" matrix. Fracturing generally orientated at ~25 degrees to core axis.														
44.3	47.6	dlCCCD		M	amphibolite calcite dolomite silica	0.5 35	Small-medium grained dark blue-green grains. Slightly orientated along laminations. Fine grained brown-buff dolomite, occurs mostly as irregular washes and bands (up to ~15cm wide).	nb ma py	0.4	Disseminated and aggregated red-brown grains (<0.1-0.3cm); weakly forming very diffused/discontinuous stringers. Larger grains tend to be in dolomitic sections.	laminations veining	m w	 40	No dominant lamination orientation; varies from low-moderate angles (sub-parallel to ~40 degrees) to core axis. Weak-moderate veining density; mostly narrow grey-white calcite stringers (<0.2cm wide).
Weak-moderately laminated, mottled medium grained (0.1-0.4cm) buff-grey, and fine grained (<0.1) brown-buff, calcite-dominanted mixed carbonatite. Weakly silicified matrix, generally in calcitic zones. Fairly competant core rock with minor fracturing, mostly orientated at ~35 degrees to core axis. Trace amounts of decalcified zones (~2% of interval).														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica	5	Weakly silicified matrix.							
47.6	49.2	gxCCCD		M	amphibolite			nb	0.4	Fine-medium sized (<0.1-0.5cm) red-purple-brown aggregates. Appears to be forming diffused veinlets (<0.6cm wide).	laminations	vw	40	Very weak laminations(?). Some clasts in brecciated noted to be weakly orientated.
					calcite	30	Weakly silicified, slightly coarser grained calcitic carbonatite.				veining	m	30	Irregular grey-white calcite veinlets, infilling open space fractures (<1cm wide).
					dolomite			ma						
					silica			py						
Mottled fine grained buff-brown and grey-cream, dolomite-dominated, mixed carbonatite. Locallized zones of brecciation (~35% of interval) with angular buff-brown "clasts" and grey-white calcite stringers and dark maroon decalcified dolomite(?) infilling open-space fractures Somewhat competant core rock with no preferred breakage orientation.														
49.2	53.7	gfCD		M	amphibolite	0.1	Minor blebs (<0.3cm across) of yellow-green; possibly chlorite(?).	nb	0.6	Irregular disseminated and aggregated red-purple-brown blebs (up to ~1cm).	laminations			Slight banding of decalcified zones at ~15-20 degrees to core axis (up to ~5cm wide).
					calcite	15	Zones of cream-grey slightly coarser grained calcite; weakly silicified matrix.	ma			veining	w	30	Trace-minor veining density; mostly irregular and narrow grey-white (some iron stained) calcitic stringers noted (<0.2cm wide).
					dolomite		Variable composition(?)	py						
					silica									
Fine grained tan-brown dolomite carbonatite with minor locallized calcite content (~15%). Weak-moderately decalcified matrix with zones of complete break-down to "sandy mud". Minor zones (~2% of interval) of dark maroon brown dolomite (manganiferous?). Fairly hard and slightly blocky core rock. Preferred fracturing orientation at ~15 degrees to core axis.														
53.7	55.0	dfCD		S	amphibolite			nb	0.1	Trace-minor amounts of finely disseminated niobate mineralization; rare-trace amounts of slightly elongated red-purple-brown grains (up to 0.2cm across long axis) also noted.	laminations			
					calcite	10					veining	w	50	Slightly vuggy white calcitic stringers (<0.4cm wide). Irregular veinlets (<1cm) infilling open-space fractures in brecciated zones.
					dolomite		Variable composition. Small bands of dark maroon colouring (possibly manganiferous?), mostly seen in strongly decalcified zones.	ma						
					silica			py						
Similar to unit uphole at ~47.62-49.22m. Medium tan-brown, weakly decalcified, fine grained dolomite carbonatite. Locallized zones of weak brecciation (~20% of interval) with coarse angular "clasts" and white calcareous stringers/veinlets (<1cm wide) infilling open-space fractures. Blocky core rock with fractures generally along vuggy stringers, orientated at ~50 degrees to core axis.														
55.0	58.4	dlCC		W	amphibolite			nb	0.2	Fine-medium disseminated red-purple-brown grains (up to 0.2cm across), subrounded in shape.	laminations	w	45	Weak-moderate laminations. Mainly defined by bands of colour variation between calcite and dolomite.
					calcite			ma	0.01	Rare-trace silver black very fine grained (<0.1cm) specks; possible magnetite(?).	veining	w	45	Trace veining density; cream-grey and buff-brown bands (up to 4cm wide) noted near lower contact.
					dolomite	20	Occurs as diffused buff-brown and tan-brown wisps and bands (up to ~5cm wide).	py						
					silica	10	Weakly silicified matrix; weak sucrosic textures.							
Weakly laminated and mottled cream-white, fine-medium grained (<0.1-0.2cm across) calcite carbonatite with minor buff-brown dolomite. Weakly silicified matrix with minor zones of moderate-strong decalcification (~10% of interval). Fairly hard and competant core rock with minor amounts of fracturing, no preferred breakage orientation. One fracture running sub-parallel to core axis (~25cm in length) noted.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 17-Sep-07 | Hole ID: **2007-007**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
58.4	59.5	gxCD		S	amphibolite			nb	0.2	Fine-medium sized (up to 0.3cm) dark euhedral grains (fermsite?).	laminations	w	50	Weak-moderately laminated, defined by alignment of matrix grains.
Medium tan-brown, fine grained dolomite carbonatite. Weakly brecciated with grey-white calcite infilling open-space fractures. Blocky core, dominant fracturing orientated at ~50 degrees to core axis.					calcite	2	Grey-white calcite veinlets (<1cm wide).	ma			veining	w		No dominant orientation. Irregular grey-white calcite veinlets infill open space fractures in brecciated zones.
					dolomite			py	0.01	Finely disseminated brassy specks noted (<0.1cm); possibly phlogopite flakes(?).				
					silica									
59.5	63.1	gCCCD		M	amphibolite	0.6	Soft dark blue-green blebs (<0.1-0.3cm); chlorite after amphibole.	nb	0.8	Disseminated to aggregated irregularly shaped blebs (<0.1-0.3cm across). Appears to be combination of red-brown pyrochlore and minor dark brown-black fersmite(?).	laminations	vw	35	Very weakly laminated.
Mottled and speckled blue-grey and medium tan-brown mixed carbonatite. Fairly equal amount of fine grained buff-brown dolomite and slightly coarser grained white calcite. Strong dolomitic sections tend to have slight brecciation with angular clasts and white calcite infilling open-spaces. Minor zones of moderate-strong decalcification (~3% of interval). Fairly hard and competant core rock with minor fracturing, preferrably at ~30 degrees to core axis.					calcite						veining	m		No dominant orientation. Grey-white calcite veinlets (<2cm wide) infilling open-space fractures in brecciated zones.
					dolomite		Tan-brown fine grained dolomitic zones tend to show weak-moderate brecciation. Otherwise, occurs as irregular wisps and bands.	ma						
								py						
					silica	3	Weakly silicified matrix, most noticable in calcitic zones.							
63.1	65.7	glCD		M	amphibolite	0.5	Dark grey-green blebs (up to 0.5cm across), forming very diffused bands (up to ~2.5cm wide).	nb	0.4	Subhedral aggregates (up to ~1cm across) of red-brown and dark black-brown; often forming discontinuous stringers.	laminations	m	20	
Mottled tan-brown and grey mixed carbonatite. Appears to be dolomite-dominated, occuring as irregular washes and bands. Grey calcitic zones tend to be weakly silicified. Locallized small zones (~3% of interval) of moderate decalicified. Fairly hard and competant core rock with minor fracturing, generally along veining structures. Preferrably orientated at ~70 degrees to core axis.					calcite	35	Locallized zones of weak-moderate iron stained.	ma	0.05	Rare-trace amounts of silver-black magnetite scattered throughout matrix.	veining	w	65	~60-70 degrees to core axis. Mostly grey-white calcite veinlets (<1cm wide). Very diffused mineralized stringers also present.
					dolomite									
					silica	2	Weakly silicified calcitic zones.	py						
65.7	72.9	glCCCD		W	amphibolite			nb	0.5	Fine-medium grains, increasing in size (up to 0.5cm across) scattered throughout matrix, often forming discontinuous bands (<0.3cm wide) at ~40 degrees to core axis.	laminations	m	20	Variable lamination orientation, ~10-30 degrees to core axis. Defined by diffused bands of slight colour variation (up to ~3cm wide).
Weakly laminated, mottled medium grey and buff-brown, calcite-dominanted mixed carbonatite. Increasing dolomitic content moving downhole. Minor zones of moderate decalcification (~8% of interval). Strong dolomitic zones tend to appear brecciated with large angular clasts and white calcite infilling open-space fractures. Fairly competant core rock with minor zones of broken/blocky core. Dominant breakage orientation at ~40 degrees to core axis.					calcite						veining	w		Weak-moderate veining density with no preferred orientation. Mostly veinlets (<1cm) of grey-white calcite as infill in brecciated zones.
					dolomite	35	Variable composition with mainly wisps and bands of tan-brown, but occasional dark maroon-brown colouring (manganiferous?) is noted.	ma						
								py						
					silica	2	Very weakly silicified matrix.							

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Trace-minor amount of small (up to 0.2cm) brassy yellow specks, appears to be phlogopite.														
72.9	75.1	gxCD		S	amphibolite calcite dolomite silica	2		nb ma py	0.05	Trace amounts of what appears to be subhedral-euhedral (~0.1cm) niobate grains. Generally noted in zones of strong decalcification as more resistant grains.	laminations veining	w m	70	Weak laminations noted, defined by slight alignment and elongation of matrix grains. No dominant orientation. Narrow (mostly <0.4cm wide) grey-white calcite stringers infillin open-space fractures in brecciated zones.
Medium tan-brown, fine grained (<0.1cm) dolomite carbonatite. Locallized zones of weak brecciation with coarse angular clasts and narrow and vuggy grey-white calcitic stringer infill. Brecciated zones appear to have slightly darker colouring (possibly manganiferous?). Blocky core rock with ~40% of interval moderate-strongly decalcified to fine-medium rubble and "sandy mud". 0.1% Fine yellow specks (up to 0.2cm across); mica (phlogopite?) flakes.														
75.1	76.8	blCC		VW	amphibolite calcite dolomite silica	0.1 5	Possible trace amounts of chlorite (after amphibole?) throughout matrix. Generally occurring as weakly diffused buff-brown bands with cream-brown envelopes (up to ~1cm wide).	nb ma py	0.1	Trace amounts of slightly elongated red-brown grains (up to 0.3cm across long axis); often forming slightly discontinuous stringers (<0.1cm wide).	laminations veining	vw m	35 40	Very weakly laminated, defined by slight alignment and elongation of matrix grains. Diffused light buff-brown bands of dolomite. Minor amounts of narrow discontinous niobate stringers.
Slightly mottled blue-grey and cream, fine-medium grained (<0.1-0.3cm) calcite carbonatite. Minor dolomitic content and appears to be weakly silicified (minor sucrosic textures). Fairly hard and competant core rock with very minor fracturing.														
76.8	80.6	gxCD		M	amphibolite calcite dolomite silica	2		nb ma py	0.05	Rare-trace amounts of fine aggregates (up to 0.1cm) of black-brown colouring, noticed mainly in zones of strong decalcification as more resistant grains.	laminations veining	vw w	50	Very weak and locallized laminations, defined by slightly aligned matrix grains. No dominant orientation. Irregular blue-grey calcitic veinlets (<1.5cm) infilling brecciated zones.
Similar to unit uphole at 72.85-75.13m. Medium-dark tan-brown, fine grained, moderate-strongly decalcified dolomite carbonatite with ~15% calcite dolomite (similar to immediately uphole at 75.13-76.77m). Weak-moderately brecciated, mostly in darker maroon-brown (manganiferous?) zones, with large subangular-angular clasts and grey-white calcite infill. Blocky, rubbly core rock with ~35% intact core, remainder being strongly decalcified into "sandy mud" matrix. 0.1% fine yellow mica specks.														
80.6	82.3	blCC		VW	amphibolite	0.1	Trace amounts elongated dark green grains, forming discontinuous stringers (up to 0.4cm across long axis);	nb	0.1	Trace amounts of mostly narrow but elongated red-brown grains (up to 0.5cm across long axis), forming discontinuous stringers.	laminations veining	m m	45 40	~40-55 degrees to core axis. Laminations defined by dolomitic wisp and discontinuous stringers. Weak-moderate veining density;
Beigh-cream-grey, fine-medium grained (up to 0.3cm across) calcite carbonatite with minor wisps of fine grained brown dolomite. Weak-moderately silicified matrix.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Hard and fairly competant core rock with trace fracturing, mostly orientated at ~40 degrees to core axis.							possibly chlorite or fersmite(?).	ma py	0.01	Possible rare-trace amounts.				very discontinuous niobate(?) stringers noted (<0.1cm wide).
					calcite									
					dolomite	5	Buff-brown fine-grained dolomite, mainly occurs as diffused wisps and bands (up to ~1cm wide).							
					silica	15	Weak-moderately silicified matrix (sucrosic textures noted).							
82.3	86.0	glCD		S	amphibolite			nb	0.1	Minor amounts of red-brown, slightly elongated blebs (up to ~0.2cm across long axis).	laminations	m	25	~20-30 degrees to core axis. Orientated diffused coloured bands (up to ~1cm wide).
Beigh-buff-brown, fine grained (<0.1cm) dolomite carbonatite. Matrix is weak-moderately laminated and locally weakly brecciated (coarse angular clasts with calcite infilling open-space). Somewhat competant core rock with ~45% of interval moderate-strongly decalcified and broken down to fine-medium rubble and "sandy mud" matrix. 0.1% fine yellow mica specks (~0.1cm).					calcite	1		ma	0.05	Trace amounts of fine-medium (<0.1-0.2cm across) silver-black subangular grains.	veining	w		Weak-moderate veining density with no dominant orientation. Vuggy and slightly irregular grey-blue calcitic veinlets (<1cm) often infilling brecciated zones.
					dolomite		Variable composition with zones/bands of different shades of brown (tan- to maroon-brown).	py						
					silica									
86.0	87.1	glCC		VW	amphibolite			nb	0.1	Trace-minor amounts of small red-brown (~0.1cm) blebs scattered in matrix.	laminations	vw	40	Possible very weak laminations, defined by slight matrix colour variations.
Small interval of blue-grey, moderately silicified calcite carbonatite with minor wisps of dolomite. Sucrosic texture noted throughout matrix. Hard and competant core rock, rare fracturing at ~55 degrees to core axis.					calcite			ma			veining			
					dolomite	1	Very diffused beigh-buff bands (~0.3cm wide).	py						
					silica	5								
87.1	90.4	gfCCCD		M	amphibolite			nb	0.1	Rare-trace fine-medium sized (up to 0.2cm) black-brown subhedral grains with ocasional red-brown blebs noted throughout matrix. Narrow discontinuous stringers noted in calcite-only carbonatite sub-interval.	laminations			
Mottled blue-grey and buff-blue mixed carbonatite. Medium grained calcite and fine grained dolomite appear to occur in fairly equal amounts. Fairly hard and somewhat competant core rock with ~30% of interval moderate-strongly decalcified and broken down to semi-solid rubble and "sandy mud" matrix. 0.1% trace-minor amounts of fine yellow mica specks (<0.1cm across), likey phlogopite.					calcite		One ~50cm (at 89.2989.78m) -wide patch of calcite only carbonatite noted within this interval. Narrow and discontinuous mineralized stringers noted in sub-interval.				veining	w	Minor veining density with no preferred orientation. Generally narrow and discontinuous cream-white calcitic stringers infilling tension cracks (<1cm wide).
					dolomite			ma py						
					silica	3	Weakly silicified matrix.							

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 17-Sep-07 | Hole ID: **2007-007**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
90.4	94.5	gfCDz		M	amphibolite			nb	0.2	Trace-minor amounts of fine-medium (up to 0.2cm) subhedral to euhedal black-brown grains.	laminations			
					calcite	2					veining	w		Difficult to determine veining density/orientation due to brokenness of core rock. Grey-white calcite veinlets noted infilling brecciated zones (<1cm wide).
					dolomite		Variable composition as evidence by different colour bands (yellow-tan to dark maroon-brown).	ma						
								py						
					silica									
94.5	95.3	CC		VW	amphibolite			nb	0.05	Rare-trace subhedral-euhedral black-brown specks (<0.1cm)	laminations	vw	25	Possible very weak laminations, defined by very minor colour variations, generally between calcite and dolomite.
					calcite									
					dolomite	0.5	Narrow, irregular buff wisps.	ma						
					silica	15	Weak-moderately silicified matrix.	py			veining			
95.3	106.0	gxCDz		M	amphibolite	0.2	Trace-minor amounts of chlorite (after amphibole?). Narrow, fine-grained dark grey-green bands noted mostly in brecciated zones.	nb	0.25	Fine-medium subrounded blebs of red-brown (up to 0.2cm across), often slightly elongated and forming discontinuous stringers.	laminations	w	55	~50-60 degrees to core axis. Locallized zones of weak-moderate laminations, defined by slight alignment of matrix grains.
					calcite	15	Several minor zones of cream-white calcite-only carbonatite (up to ~60cm in length).	ma			veining	m		Difficult to determine veining density/orientation due to brokenness of core rock. Grey-white, vuggy calcitic veinlets (<1cm wide) infilling brecciated open-spaces.
					dolomite		Variable composition, evidenved by bands/clasts of different colouring.	py						
					silica	1	weakly silicified calcitic matrix.							
106.0	110.4	CCCD		W	amphibolite			nb	0.05	Rare-trace niobate mineralization.	laminations			
					calcite			ma			veining	w	40	Narrow, vuggy grey-white calcareous stringers (<0.5cm wide).
					dolomite	5	Narrow and irregular band/stringers of buff-tan (<1cm wide).	py						

Fault zone(?)
Tan-brown, fine-grained dolomite carbonatite with what appears to be minor zones of silicified cream-white calcite carbonatite. Locallized zones of weak brecciation noted.
Interval of broken/shattered core rock with <1% intact core. Most of interval is comprised of fine-medium rubble and ~20% completely decalcified into semi-solid "sandy mud" matrix.

0.2% Trace-minor amounts of fine yellow mica specks.

Fault zone(?)
Smll interval of blue-grey, moderately silicified calcite carbonatite. Sucrosic texture noted texture noted throughout matrix. Weakly iron stained.
Interal of broken/shattered core rock, appears to be mainly orientated at low-moderate angles (~10-30 degrees) to core axis.

Similar to unit uphole at 90.38-94.49m.
Fault zone(?)
Tan- to maroon-brown, fine grained dolomite carbonatite with minor intervals of weak-moderately silicified calcite-only carbonatite. Locallized zones of weak-moderate brecciation (~10% of interval); medium-coarse angular clasts with grey-white calcite infilling open-space fractures.
Interval of shattered and blocky core rock with ~25% intact core. Most of interval is comprised of fine-medium rubble and ~30% completely decalcified/broken down into semi-solid "sandy mud" matrix.

0.2% Fine yellow mica specks (phlogopite).

Similar to unit uphole at 87.10-90.38m.
Mottled blue-grey and buff-blue, fine-medium grained (<0.1-0.3cm across), calcite-dominant mixed carbonatite. Matrix has weak sucrosic texture (weakly silicified?).
Fairly competant core rock with ~15% of interval

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
comprised of shattered core. Preferred fracturing at ~40 degrees to core axis.					silica	7	Weak-moderately silicified matrix.							
110.4	114.5	gxCD		M	amphibolite			nb	0.2	Fine-medium grained (up to 0.2cm) niobate mineralization, more concentrated moving downhole. Subhedral-euhedral black-brown grains.	laminations	w	25	Weak laminations, defined by slight alignment of matrix grains.
Weak fault zone(?). Mottled beigh-buff fine-grained dolomite carbonatite with minor calcite content. Locallized zones of weak-moderate brecciation with grey-white calcareous veinlets as infill. Blocky and broken core rock with ~25% intact core. Small zones (~7% of interval) of complete decalcified/broken down into fine rubble and "sandy mud" matrix.					calcite	5	Occasional patches of cream-white coarser grained (up to 0.3cm across) silicified calcite-dominant carbonatite.				veining	m		Difficult to determine vein density/orientation due to brokenness of core rock. Vuggy grey-white calcite veinlets infill open-spaces in brecciated zones.
					dolomite		Variable composition evidenced by bands and clasts of different shades of brown.	ma						
					silica			py						
114.5	116.3	glCCCD		W	amphibolite			nb	0.1	Fine-medium sized subrounded red-brown grains (up to 0.3cm across) scattered throughout matrix.	laminations	m	45	Weak-moderate laminations, defined mostly by diffused buff-brown bands (up to ~0.6cm) of dolomite.
Weak-moderately laminated mottled blue-grey and beigh-buff calcite-dominant mixed carbonatite. Fine-medium grained (<0.1-0.3cm) weakly silicified matrix with irregular bands of fine-grained (<0.1cm) dolomite. Fairly hard and somewhat competent core rock. ~25% very fractured and shattered, generally at low-moderate angles (~10-25 degrees) to core axis.					calcite						veining	vw	40	Low vein density; mostly narrow white calcite stringers (<0.2cm wide)
					dolomite	25	Slightly variable composition as evidence by slight colour changes (beigh to tan brown).	ma						
					silica	5	Weakly silicified matrix, mostly in grey-white calcitic zones.	py						
116.3	121.6	gxCD		M	amphibolite	0.5	Soft, angular aggregates (up to ~1cm across) of dark black-green; chlorite(?).	nb	0.2	Fine-medium sized sub-rounded red-brown grains noted. Small (<0.1-0.2cm) dark black-brown blebs also noted in trace amounts (fersmite?).	laminations	w	35	Weak laminations noted in more intact core rock. Very weakly defined by washes of colour variations.
Similar to unit uphole at 110.39-114.52m. Weak fault zone(?). Tan- and maroon-brown, fine grained, brecciated dolomite carbonatite, with minor zones of calcite-only carbonatite. Vuggy grey-white calcitic veinlets infill open-spaces. Blocky and broken core rock with ~30% intact core. Minor zones (~3% of interval) of complete decalcification/broken down to fine rubble and "sandy mud" matrix.					calcite	5					veining	m		Difficult to determine vein density/orientation due to brokenness of core rock. Vuggy irregular white calcite veinlets (up to ~2cm wide) as infill in brecciated zones.
					dolomite		Variable composition.	ma						
					silica			py						
121.6	125.2	gCCCD		W	amphibolite	0.1	Dark grey-green blebs scattered throughout matrix.	nb	0.05	Rare-trace amounts of niobate mineralization, generally occuring as small (<0.1-0.2cm) slightly elongated red-brown blebs.	laminations			
Mottled medium blue-gren and buff-blue, fine-medium grained (up to 0.2cm across), calcite-dominanted mixed carbonatite. Matrix has weak sucrosic texture (weakly silicified). Locallized zones of weak brecciation, infill material is generally clean white vuggy calcite. Fairly hard and competant core rock with minor					calcite						veining	w	60	Low vein density, mostly bands of white vuggy calcite as infill material in brecciated zones. Some narrow calcite stringers also noted.
					dolomite	20	Buff coloured dolomite mostly occurs as irregular and diffused bands and washes	ma						
								py						

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 17-Sep-07 | Hole ID: **2007-007**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
fracturing, mostly orientated at ~35 degrees to core axis.							with no particular orientation.							
					silica	5	Weakly silicified matrix.							
125.2	127.9	blCCCD		M	amphibolite			nb	0.4	Irregular and slightly elongated narrow blebs (up to 0.5cm across long axis) of red-brown, often forming discontinuous stringers/veinlets.	laminations	m	55	Moderately laminated, defined by diffused buff bands of dolomite (up to ~3cm wide).
Moderately banded blue-grey and beigh-buff, calcite-dominanted mixed carbonatite. Weak-moderately silicified matrix. Fairly hard and somewhat competant core rock with fracturing generally along lamination planes at ~55 degrees to core axis.					calcite						veining	w	55	Minor vein density with mostly white calcite veinlets (<1cm wide).
					dolomite	35	Variable composition as noted by different colour bands of dolomite.							
					silica			ma						
								py						
127.9	134.1	bxCCC D		M	amphibolite	0.5	Dark grey-green blebs and bands noted in more intact core pieces.	nb	0.15	In more intact core, trace amounts of irregular red-brown niobate bands are noted (<0.2cm wide). Small (<0.1cm) blebs are also seen scattered throughout matrix.	laminations	vw	35	Very weakly laminated, defined by slight colour variations.
Poor-fair recovery (~75%). Weak fault zone(?). Mottled blue-grey and buff-brown interval of weakly brecciated mixed carbonatite. Fine-medium grained (<0.1-0.3cm) weakly silicified matrix) with fairly equal amounts of calcite and dolomite. Broken and blocky interval with ~27% intact core rock. Remainder of interval is comprised of shatterd core and angular rubble. No dominant fracturing orientation.					calcite						veining	w		Difficult to determine vein density/orientation due to brokenness of core rock. Minor amounts of vuggy calcite veinlets noted infilling brecciated sections.
					dolomite									
					silica	5		ma						
								py						
EOH @ 134.12m.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-008**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454406.00	6256933.00	1775.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		127.41
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
BTW	0.00	127.41	127.41

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Peak Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	4.6	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; no core rock recovery.														
4.6	5.7	dCC		M	amphibolite calcite dolomite silica	 15 25	 Pale buff dolomite (possibly weak iron staining?) present in localized zones. Often has weak-moderate banding textures and weakly decalcified. Matrix is moderately flooded by grey silica.	nb ma py	0.1 0.05	Trace amounts of fine-medium sized, red-brown disseminated grains (<0.1-0.2cm). Some are likely to be hematite. Rare-trace amounts of fine-medium sized brassy blebs scattered throughout matrix (<0.1-0.3cm).	laminations veining	w vw	40	Locallized within pale buff dolomitic zones, weak-moderate laminations are defined by discontinuous mineralized stringers. Very log vein density; mostly narrow cream calcareous stringers noted with no dominant orientation.
Pale blue-grey fine-medium grained (<0.1-0.5cm), moderate silicified calcite carbonatite. Trace amounts of pale buff-brown, weakly banded dolomite noted in interval. Hard and slightly blocky core rock (likely due to drilling process and vicinity to top of hole). No preferred breakage orientation.														
5.7	10.5	lCC		VW	amphibolite calcite dolomite silica	0.7 10 25	Medium-coarse (up to 0.8cm across), subangular-angular dark green aggregates throughout matrix; chlorite/micas(?) Generally occurs as very diffused buff coloured washes and bands, overprinting matrix. Moderate-strongly silicified matrix; sucrosic textures noted.	nb ma py	0.05 0.1	Rare-trace red-brown blebs noted; possibly hematite. Trace fine-medium pyrite blebs are noted (<0.1-0.3cm across).	laminations veining	w w	30	Faintly laminated, defined by diffused pale buff dolomite bands. Low vein density; narrow, irregular, and discontiuous white and grey calcareous veinlets noted (<0.5cm wide).
Speckled and weakly laminated, pale blue-grey, fine-medium grained calcite carbonatite. Trace amounts of very diffused buff coloured dolomite wisps and bands. Matrix appears to be moderately silicified. Hard and competent core rock with rare fracturing, mostly orientated at ~60 degrees to core axis. ~0.2% fine grained micas (black-brown and pale yellow) noted scattered in matrix.														
10.5	14.2	blCC		W	amphibolite calcite dolomite	0.2 10	Fine-medium dark green grains present throughout matrix. Generally occurs as diffused bands and pale washes over a	nb ma py	0.15 0.3	Fine-medium grained red-brown elongated blebs (up to 0.4cm across long axis); often associated with pyrite; possibly hematite(?). Fine-medium sized (up to 0.4cm	laminations veining	vw w	25 40	Very weakly laminated matrix; defined by diffused pale brown bands (up to ~1cm wide). Low vein density; mostly narrow and discontinuous mineralized stringers (<0.2cm wide).
Very weakly laminted, pale blue-grey, medium grained (up to 0.3cm across), moderately silicified calcite carbonatite. Minor amounts of pale buff-brown dolomitic washes (or possibly weak iron staining). Hard and competent core rock with minor fracturing, mostly orientated at ~50 degrees to core axis. Minor zones of weak decalicification (~8% of interval); these														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
zones are often pale buff-brown in colour.							calcitic matrix; often associated with dicontinuous mineralized stringers.			across long axis) brassy coloured blebs noted. Occasionally elongated along foliation planes, forming very diffused and discontinuous bands.				
					silica	25	Moderate-strongly pale grey silica flooded matrix.							
14.2	15.5	nlAMXy		M	amphibolite			nb			laminations	vw	20	Very faint laminations, generally defined by very slight alignment of mica grains in matrix.
Possible amphibolite dyke(?). Medium grey, medium grained (up to 0.4cm across) calcite carbonatite with abundant mica content. Moderate-strongly calcareous. Moderately hard and very competent core rock; no fracturing noted. Slightly diffused contacts at ~40 and ~50 degrees to core axis (upper and lower, respectively). ~2% fine-coarse grained mica flakes (black-brown and pale yellow coloured), up to ~0.4cm across.					calcite			ma						
					dolomite			py	0.01	Possible rare-trace amounts of finely disseminated grains.	veining	w	30	Low vein density; irregular cream-white calcareous veinlets noted (<1cm wide).
					silica									
15.5	19.3	blCC		VW	amphibolite			nb	0.2	Narrow and elongated red-brown blebs noted (up to 0.3cm across long axis). Some are associated with pyrite (hematite?) while others form diffused/discontinuous stringers.	laminations	m	30	Locallized weak-moderate laminations in matrix, generally in dolomitic sections. Diffused buff coloured bands also define very faint lamination throughout remainder of interval.
Locally laminated, pale blue-grey, moderately silicifed calcite carbonatite with minor dolomite. Dolomitic zones tend to be slightly finer grained and is a pale buff-brown colour. Hard and competent core rock with minor fracturing, dominantly orientated at ~40 degrees to core axis. Localized zones of weak decalicification, generally in areas of higher dolomite content.					calcite									
					dolomite	20	Occurs in locallized zones of weakly banded dolomite and very diffused buff-brown bands throughout matrix. Often weakly decalcified.	ma			veining	vw	55	Low vein density; mostly very diffused and discontinuous bands of fine pyrite grains.
					silica	25	Moderately silicified matrix.	py	0.1	Trace amounts of small rounded brassy blebs of pyrite.				
19.3	24.8	glCCCD		VW	amphibolite	0.2	Angular black-green aggregates, often in small clusters; chlorite(?).	nb	0.3	Small elongated red-brown blebs (up to 0.3cm across long axis) noted throughout matrix, occasionally associated with pyrite (possibly hematite content?). Rare-trace amounts of discontinuous stringers.	laminations	w	20	Weak and locallized laminations, mostly noted in buff coloured zones (banded dolomite).
Mottled light blue-grey and pale buff, locally laminated, medium-coarse grained (up to 0.7cm) phaneritic texture, moderately silicified, calcite-dominated mix carbonatite. Pale buff-brown finer grained dolomite generally occurs in diffused bands and increases moving downhole. Moderately hard and competent core rock; fractures tend to be orientated at ~35 degrees to core axis. Two low angle fractures (~30cm in length) noted in lower portion of interval.					calcite						veining	w	35	Low-moderate vein density; cream-grey, weakly calcareous bands with diffused contacts noted.
					dolomite	35	Pale buff colouring appears to weakly overprint matrix (possibly iron staining/alteration product?). Often weakly decalcified	ma						
					silica	20	Moderately silicified matrix, mostly in more calcitic zones.	py	0.4	Small, slightly elongated brassy coloured blebs (up to 0.4cm across long axis).				
24.8	26.1	CCy		W	amphibolite			nb			laminations			

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 08-Oct-07 | Hole ID: **2007-008**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Patches (xenolith) of cream coloured coarse phaneritic unit (immediately uphole). Moderate-strongly silicified matrix. Fairly hard and competent core rock with minor fracture; no preferred breakage orientation. Contacts at ~40 degrees to core axis.					calcite dolomite silica	 5 25	 Diffused and narrow bands (up to ~0.5cm wide). Moderately silicified matrix	ma py			veining	vw	30	Very low vein density; mostly cream white veinlets (<1cm wide).
26.1	27.5	CCCD	VW		amphibolite calcite dolomite silica	0.4 5 	Dark grey-green aggregates noted (up to 0.3cm across).	nb ma py	 0.2	 Fine-medium sized brassy coloured blebs (up to 0.3cm across).	laminations veining	w	30	Weak laminations defined by slight alignment of matrix grains.
Similar to unit uphole at19.30-24.8m. Mottled blue-grey and pale buff medium-coarse grained phaneritic mixed carbonatite. Moderately silicified matrix. Hard and very competent core rock.														
27.5	30.7	lCC	VW		amphibolite calcite dolomite silica	0.3 25	Fine dark black-green aggregates (up to 0.3cm across); possibly chlorite(?). Moderate-strongly grey silica flooded matrix.	nb ma py	 1	 Fine-medium sized (up to 0.4cm across) blebs of pyrite noted scattered throughout the matrix.	laminations veining	w vw	20 40	Weakly laminated, mainly defined by slight alignment of matrix grains. Narrow and discontinuous stringers; tends to be darker than surrounding matrix.
Light-medium grey, fine-medium grained, moderate-strongly silicified calcite carbonatite. Patches (dykes?) of darker grey with abundant biotite, similar to unit at 14.28-15.46m. Rare dolomitic content. Hard and competent core rock; rare fractures with no preferred breakage orientation. ~0.4% fine-medium grained black-brown (and rare pale yellow) micas; tends to occur in darker grey zones.														
30.7	32.9	AMy	S		amphibolite calcite dolomite silica	 	 	nb ma py	 	 	laminations veining	vw w	25 35	Very fainltly laminated, defined by slight alignment of matrix grains. Irregular veining, of cream-white calcitic veinlets (<0.4cm wide).
Medium-dark green, fine-medium grained amphibolite dyke with locallized zones with pitted surfaces. Patchy zones of cream-white medium grained calcite carbonatite (~17% of interval). Moderately soft and blocky core rock; no dominant fracturing orientation. ~3% fine-medium grained (<0.3cm) black-brown micas. Generally occurs in clusters or irregular smears throughout matrix.														
32.9	37.9	glAMX	S		amphibolite calcite dolomite silica	35 5 25	Patches of dark green-grey. Weak pink-buff patches, appear to overprint matrix (alteration product?). Moderate-strongly silicified matrix; weak sucrosic textures	nb ma	 2	 Medium-coarse dark silver-black aggregates noted throughout matrix (up to ~1cm across). Generally occurs in clusters, occasionally forming discontinuous bands. Often	laminations veining	m	45	Irregular and patchy zones with weak-moderate laminations.
Irregularly laminated, weak-moderately silicified mixed amphibolite and carbonatite unit. No clear contacts between different components (possible magma mixing?). Patchy zones of pale pink-buff colouring (dolomite/weak iron staining?). Hard and fairly competent core rock with rare fracturing generally orientated at ~55 degrees to core axis.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							noted.			associated with mica prisms.				
~3% fine-coarse grained (up to1cm across) dark micas; tends to occur in clusters and form discontinuous bands.								py	0.5	Elongated brassy coloured blebs (up to 0.4cm across long axis); possible rare pyrrhotite.				
37.9	38.8	AMy		S	amphibolite		Possible hornblendes.	nb			laminations			
Dark grey, fine-medium grained amphibolite dyke. Possibly weakly silicified. Moderately hard an competent core rock; rare fracturing. Contacts at ~35 degrees to core axis. ~2.5% fine grained (<0.2cm) black-brown micas. Generally occurs in clusters or irregular smears throughout matrix.					calcite dolomite silica			ma py			veining	w	50	Low-moderate vein density; most noticable are cream-white calcitic veinlets (<1cm wide). Minor hairline stringers with no dominant orientation also present.
38.8	42.0	glAMX		S	amphibolite calcite dolomite			nb			laminations	m	30	Slightly diffused banded calcite carbonatite define lamination planes within matrix.
Similar to unit uphole at 32.85-37.91m. Weak-moderately laminated, weak-moderately silicified mixed amphibolite and carbonatite unit. No clear contacts between differnet components (possible magma mixing?). Hard and competent core rock with rare fracutring; dominantly orientated at ~35 degrees to core axis. ~2% fine-coarse grained (up to1cm across) dark micas; tends to occur in clusters and form discontinuous bands.					silica	25	Moderate-strongly silicified matrix.	ma py	1.5 0.1	Fine-coarse silver-black aggregates (up to 1cm across). Generally occurs in clusters, occasionally forming discontinuous bands. Often associated with micas. Fine elongated brassy coloured blebs (<0.3cm across long axis).	veining			
42.0	46.5	glCC		VW	amphibolite calcite			nb			laminations	vw	40	Very weak and patchy laminations throughout matrix.
Weakly laminated, fine-medium grained, light blue-grey calcite carbonatite. Matrix appears to be weak-moderately silicified. Minor patches of pale buff-brown (dolomite/weak iron staining). Hard and competent core rock; rare fracturing dominantly orientated at ~50 degrees to core axis.					dolomite	5	Patches of pale pink-buff colouring; possibly weak iron staining.	ma	0.3	Coarse aggregates of silver-black noted in lower portion of interval; appears to be carried in a cream-white calcareous veinlet.	veining	vw	35	Very low vein density; mostly narrow and discontinuous stringers noted.
					silica	25	Moderate-strongly white and grey silica flooded matrix.	py	1	Brassy coloured specks are noted throughout the matrix (up to 0.4cm across).				
46.5	50.7	dlCC		VW	amphibolite	0.1		nb	0.05	Rare-trace amounts of fine grains scattered throughout matrix.	laminations	w	35	Very faintly laminated matrix; defined by slight alignment of matrix grains.
Light-medium blue-grey, fine-medium grained phaneritic calcite carbonatite. Very weakly laminated matrix. Rare-trace amounts of dolomite, generally associated with mineralization. Weak-moderately silicified matrix. Fairly hard and competent core rock; minor fracturing mostly orientated at ~50 degrees to core axis. Very locallized decalified, generally along veining structures.					calcite dolomite	2	Generally occuring mineralized stingers as diffused envelops.	ma py	0.5	Diffused and discontinuous stringers of irregular brassy coloured blebs (up to 0.3cm	veining	m	60	Low-medium vein density; mostly discontinuous and diffused mineralized bands (up to ~1cm).

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica	25	Moderately silicified with pale grey quartz.			across).				
50.7	56.3	CC		VW	amphibolite calcite dolomite silica	 25	 Moderate-strongly silicified matrix. Flooded by light-medium grey quartz.	nb ma py	 0.2	 Minor amounts of elongated brassy blebs (up to 0.3cm across long axis).	laminations veining	vw w	30 45	Very faintly laminated; defined by very weakly aligned matrix grains. Low vein density; very diffused stringers comprised of angular clasts
Similar to unit uphole at 46.53-50.69m. Light blue-grey, fine-medium grained (<0.1-0.3cm across) calcite carbonatite. Very weakly laminated and moderately silicifed matrix. Rare buff-grey dolomite(?). Fairly hard and very competent core rock; rare fracturing with no dominant orientation. ~15% (at 52.82-53.66m) of interval is comprised of a dark grey and green calcareous amphibolite dyke. ~1% fine-medium angular grains of dark brown-black micas; tends to form diffused bands.														
56.3	57.5	AMXy		S	amphibolite calcite dolomite silica	 	 	nb ma py	 0.01	 Rare-trace amounts of finely disseminated pyrite specks; possibly small pale yellow micas(?).	laminations veining	vw vw	45 40	Very faintly laminated, defined by very weakly aligned mica grains. Minor grey-white calcitic stringers noted (<0.4cm wide).
Possible dyke(?). Dark grey and green, fine-medium grained carbonatite with abundant dark mica content. Moderate-strongly calcareous matrix, very weakly silicified. Moderately hard and competent core rock with minor amounts of fracturing, no dominant orientation. Weakly diffused contacts at ~30 degrees to core axis. ~2-4% fine-medium grained dark black-brown micas (minor amounts of pale yellow grains).														
57.5	60.3	lCC		VW	amphibolite calcite dolomite silica	 25	 Moderate-strongly silicified matrix; weak-moderate sucrosic textures noted.	nb ma py	 0.7	 Fine-medium elongated brassy coloured grains (up to 0.5cm across long axis).	laminations veining	w m	55 50	Weak-moderately laminated; defined by fine-medium bands of varying grey colour (up to ~1cm wide). Low-moderate vein density; mostly discontinuous/diffused stringers comprised of angular dark green-black grains.
Light-medium grey, fine-medium grained phaneritic, moderately silicified calcite carbonatite. Trace amounts of slightly darker coloured bands (possibly weak iron staining/dolomite?). Hard and competent core rock with rare fracturing. ~0.5% fine pale yellow grains of micas with some (~0.4%) black-brown mica grains.														
60.3	67.0	lCC		VW	amphibolite calcite dolomite	 1	 Weak pink-buff colouring, mainly associated with veining structures; possibly hematite staining around	nb ma py	 0.7	 Fine-medium irregularly shaped blebs of brassy coloured pyrite (up to 0.5cm across).	laminations veining	w w	30 45	Weak-moderately laminated. Low-moderate vein density; mostly discontinuous stringers comprised of medium-coarse angular dark grey aggregates. Often have faded pink-buff envelopes (hematite?). One
Similar to unit uphole at 57.49-60.25m. Light-medium grey, fine-medium grained (<0.1-0.3cm across), moderately silicified calcite carbonatite. Rare-trace amounts of pink-orange colouring, mostly associated with discontinuous veining structures. Hard and very competent core rock; rare fracturing.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
~1% dark green-black mica prisms and flakes (up to ~0.4cm across).							pyrite stringers.							large coarse grained band present in lower portion of interval.
					silica	25	Moderate-strongly silicified matrix.							
67.0	73.1	blCC		VW	amphibolite			nb	0.1	Rare-trace niobate mineralization; rusty red-brown blebs, often associated with pyrite likely to be hematite. Blebs generally form narrow and slightly discontinuous stringers (<0.3cm wide).	laminations	m	30	Weak-moderately laminated; defined by diffused bands of varying colour.
Weak-moderately laminated, light blue-grey, fine-medium grained calcite carbonatite. Trace-minor amounts of weak dolomitic bands present; appears to be associated with mineralization. Fairly hard and moderately competent core rock with minor fracturing, dominantly orientated at low angles (~10-30 degrees) to core axis. ~0.3% fine-medium dark green-black angular mica grains scattered throughout matrix.					calcite						veining	m	45	Narrow and discontinuous mineralized stringers. Often have weakly decalcified envelopes.
					dolomite	10	Generally occurs as very diffused and weak bands (up to ~0.5cm wide). Also noted to form envelopes surrounding veining structures.	ma						
								py	1	Narrow and discontinuous pyrite stringers (<0.4cm wide). Often associated with pink-buff overprint in surrounding matrix.				
					silica	20	Moderately silicified matrix.							
73.1	78.3	CC		VW	amphibolite			nb			laminations	vw	30	Very faintly laminated; mostly defined by very weak alignment of matrix grains.
Slightly mottled light and medium grey, fine-medium grained (up to 0.3cm across), moderate-stronly silicified calcite carbonatite. Very weak buff colouring near lower portion of interval (possible dolomite overprint?). Hard and very competent core rock; rare fracturing, mostly located in upper portion of interval and are dominantly orientated at ~60 degrees to core axis. ~0.3% fine (<0.3cm) mica grains (green-black and pale yellow coloured).					calcite			ma						
					dolomite	5	Very weak buff colouring (overprinting?) noted in lower portion of interval.	py	0.7	Irregularly shaped blebs of pyrite present within matrix (up to 0.4cm). Occasional pyrite veinlet also noted (<0.5cm wide).	veining	w	40	Low vein density; mainly narrow and discontinuous silicified stringers with minor mineralization. Several pyrite veinlets noted (<0.5cm wide).
					silica	20	Moderately silicified matrix.							
78.3	82.3	lCC		S	amphibolite	2	Faint green irregular blebs noted throughout matrix, occasionally forming envelops for veining structures.	nb			laminations	w	30	Weakly laminated; defined by very faint bands and weak alignment of coarse matrix grains.
Weakly laminated and speckled, mottled light and medium grey calcite carbonatite. Moderate prophyritic texture with coarse angular black grains (up to 0.6cm) and fine-medium grained (<0.1-0.3cm), weakly silicified carbonatite matrix. Moderately hard and very competent core rock; rare fracturing. ~0.5% medium grained pale-dark green mica prisms (up to ~1cm across), generally occurs in clusters.								ma	3	Medium-coarse subangular-angular aggregates (up to 1cm across). Appears to be forming discontinuous/diffused bands.	veining	m	35	Diffcult to deterine vein density due to abundant amounts of slightly alignment coarse aggregates (forming discontinuous veinlets?).
					calcite			py	0.5	Trace-minor amounts of fine-medium sized, slightly elongated brassy blebs (<0.5cm across long axis).				
					dolomite									
					silica	15	Weak-moderately silicified matrix; weak sucrosic textures							
82.3	84.7	lCC		M	amphibolite	25	Two dark green-grey dykes; abundant dark green-brown mica grains.	nb			laminations	m	30	Weak-moderately laminated; defined by weak banding, increasing in intensity moving downhole.
Similar to unit uphole at 78.33-82.32m. Weak-moderately laminated and speckled, mottled pale								ma	0.3	Large dark silver-black				

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					calcite					aggregates of magnetite present throughout the matrix (up to 0.5cm across).	veining	w	40	Low vein density; appears to be mostly fine-medium grained pale cream calcareous veinlets (<0.6cm wide).
					dolomite	5	Locallized zones of pale pink colouring (possible weak overprinting?)	py	0.05	Trace-minor amounts of small-medium brassy coloured blebs, associated with magnetite.				
					silica	10	Weak-moderate silicification.							
pink-buff and light and medium grey porphyritic calcite carbonatite. Medium-coarse dark green-black grains (~0.5cm) in fine-medium grained (<0.1-0.3cm) carbonatite matrix. Pale pink-buff colouring possibly weak dolomitic content. Two minor dark green-grey dykes (<1m in length); contacts at ~45 degrees to core axis. Moderatly hard and fairly competent core rock; minor amounts of fracturing; dominant orientation at ~30 degrees to core axis.														
84.7	88.1	dCCCD		VW	amphibolite	0.5	Minor amounts of faded grey green blebs noted within matrix.	nb	0.15	Rusty red-brown grains, generally associated with pyrite mineralization; possibly hematite(?).	laminations	vw	45	Very weakly laminated, matrix appears to have very weak brecciated textures.
Mottled pale pink and light-medium grey, fine-medium grained, moderately silicified, calcite-dominated mixed carbonatite. Pale pink colouring increases moving downhole; often in bands (dolomite/iron staining?). Fairly hard and somewhat competent core rock; moderate amounts of fracturing, mostly orientated at ~50 degrees and sub-parallel to core axis. Slightly more mineralizated intervals also appear to be weakly decalcified.					calcite			ma			veining	m	50	Low-moderate vein density; mostly narrow and irregular creamed coloured stringers. Discontinuous, blebby mineralized stringers also present.
					dolomite	10	Pale pink colouring, possibly iron staining. Generally associated with mineralized veining structures.	py	0.7	Irregularly shaped blebs, often forming discontinuous stringers.				
					silica	10	Locallized weak-moderate silicification of the matrix.							
88.1	92.6	glCC		VW	amphibolite			nb	0.2	Dark rusty red-brown fine subhedral-euhedral aggregates are noted (<0.1cm).	laminations	w	35	Faint laminations noted; defined by weakly aligned coarse matrix grains.
Similar to unit uphole at 84.73-88.09m. Mottled light-medium grey (minor pale pink), medium grained, moderately silicified, calcite carbonatite. Pale pink zones are locallized and may possibly be zones of weak iron staining(?). Fairly hard and mostly competent core rock; minor amounts of fracturing, mainly orientated at ~50 degrees to core axis. Very locallized zones of weak decalcification(?); pitted zones surrounding veining structures. ~0.8% subangular medium grained dark green-black mica grains (up to ~0.6cm across).					calcite						veining	w	50	Low vein density; mostly narrow darker coloured bands (<0.4cm wide). Minor amounts of discontinuous/aggregated dark grey (micas?) bands also noted. Trace amounts of pyrite stringers.
					dolomite	5	Trace-minor amounts of possible dolomite. Pale pink zones tend to be associated with pyrite mineralization; likely to be hematite.	ma						
					silica	10	Weak-moderately silicified matrix, locallized to zones of light-medium grey colouring.	py	0.7	Aggregated pyrite stringers (up to ~0.4cm wide) are present in this interval. Surrounding matrix tends to be pitted (decalcified?).				
92.6	99.4	gCC		VW	amphibolite	0.3	Minor amounts of faint green clots within matrix.	nb			laminations	vw		Very faintly appears to be laminated. Angles appear to vary from ~20 to ~50 degrees to core axis. Defined by very faint matrix grains.
Very weakly mottled light-medium grey, fine-medium grained (up to 0.3cm across), moderate-strongly silicified calcite carbonatite. Matrix appears to be very weakly brecciated in locallized zones (<2% of interval). Narrow wisps of rusty brown noted; possibly dolomite stringers(?). Hard and fairly competent core rock; minor fracturing (increasing downhole) with dominant orientation at ~35					calcite			ma						
					dolomite			py	0.1	Trace-minor amounts of pyrite; often forming narrow and discontinuous stringers and have weakly iron stained envelopes				
					silica	25	Moderate-strongly silicified matrix; weak sucrosic textures				veining	vw		No dominant orientation;

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							can be seen in localized zones.			(<0.1cm wide).				discontinuous veining structures follow changing weak lamination planes.
degrees to core axis. Two fractures noted running sub-parallel to core axis (~40cm in length). ~0.2% irregularly shaped dark green-black mica grains (up to 0.4cm across).														
99.4	105.4	gCC		VW	amphibolite	0.3	Trace-minor amounts of faint green blebs noted within matrix.	nb	0.3	Fine rusty red-brown subhedral-euhedral aggregates noted (up to 0.2cm across); often associated with pyrite; possibly hematite(?).	laminations			
Similar to unit uphole at 92.58-99.38m. Mottled light-medium grey, medium grained calcite carbonatite. Matrix is moderate-strongly silicified and cross-cut by narrow rusty brown stringers (dolomite bearing?). Two medium-dark grey dykes (up to (~45cm in length) present within interval; contacts at ~55 degrees to core axis. Hard and moderately competent core rock; moderate amounts of fracturing mostly at ~35 degrees to core axis. ~0.4% fine-medium grained dark green-brown hexagonal mica prisms (up to 0.4cm across).					calcite			ma			veining	m	30	Moderate vein density with varying orientations. Mainly narrow and irregular rusty-brown stringers (<0.1cm wide). Minor amounts of vuggy cream calcitic veinlets (<0.6cm wide).
					dolomite	1	Interval is crosscut by abundant narrow rusty-brown stringers with possibly dolomitic content.	py	0.8	Brassy coloured pyrite generally occurs as narrow and discontinuous veinlets (<0.4cm wide).				
					silica	15	Moderately silcified matrix.							
105.4	108.9	lCC		VW	amphibolite	0.1		nb	0.1	Trace-minor amounts of fine-medium rusty-red-brown grains (up to 0.3cm across), often associated with pyrite mineralization.	laminations	vw	60	Very weakly laminated, generally noted in slightly aligned coarse matrix grains.
Weakly laminated and mottled light-medium grey, medium grained, moderately silicified calcite carbonatite. Weakly brecciated texture throughout matrix. Two mottle dark grey and green dykes present in interval (up to ~75cm in length); contacts at ~35 degrees to core axis (possibly close to contact zones; splays of the main intrusive body?). Moderately hard and slightly blocky core rock; fracturing tends to be at ~55 degrees to core axis.					calcite									
					dolomite	0.5	Interval crosscut by narrow and irregular rusty-brown stringers (possible dolomite/iron staining?).	ma			veining	m	40	Moderate vein density; mostly narrow stringers of rusty brown, some carrying pyrite.
					silica	15	Weak-moderately silicified matrix.	py	0.3	Minor amounts of discontinuous/blebby pyrite stringers. These tend to be slightly rusty in colour (possible hematite?)				
108.9	111.6	lAMX		M	amphibolite		Possible chlorite content.	nb			laminations	vw	55	Very weakly laminated, only noted in grey carbonatite sections.
Mixed contact zone between medium-dark grey and green amphibolite and carbonatite wall rock. Contacts tend to be slightly diffused and are mostly orientated at ~45 degrees to core axis. Both fine grained amphibolites and medium grained carbonatites are weakly silicified. Moderately hard and slightly blocky core rock; minor fractures at ~50 degrees to core axis. ~2.5% fine-medium grained black-brown and pale yellow mica specks (<0.3cm across).					calcite	35	Tends to be weak-moderately banded.	ma			veining			
					dolomite	1	Minor diffused bands of cream-buff (up to ~1cm wide), strongly reactive to HCl.	py	0.2	Fine-medium disseminated grains of pyrite, mostly noted in carbonatite sections. Yellow specks also noted in amphibolite sections; however, they appear to mainly be mica grains.				
					silica	10	Moderately silcified matrix.							
111.6	118.4	AMy		M	amphibolite			nb			laminations			

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 08-Oct-07 | Hole ID: **2007-008**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
amphibolite dyke(?). Weakly silicified matrix with what appears to possibly be abundant chlorite. Somewhat hard and competent core rock; minor fracturing, dominantly orientated at ~50 degrees to core axis. ~3% fine-medium black-brown (minor pale yellow) micas grains (<0.4cm across).					calcite dolomite silica	2 5	Stringers Weakly silicified matrix.	ma py	 0.05	 Rare-trace amounts, mostly noted to be carried in calcitic veinlets.	veining	w	40	Interval is crosscut by grey-white calcitic veinlets (up to 0.3cm wide), mostly orientated at ~40 degrees to core axis but can vary. Often have grey envelopes.
118.4	121.6	AM		W	amphibolite calcite dolomite silica	 1	 Stringers	nb ma py	 	 Possible trace amounts of finely disseminated grains; but likely to be pale yellow mica specks.	laminations veining	 m	 	 Difficult to determine vein density/orientation due to brokenness of core rock. Appears to have mostly irregular white-grey calcitic veinlets/smears (<0.5cm wide).
Similar to unit uphole at 111.56-118.37m. Mottled medium-dark grey and grey-green fine grained amphibolite. Weak-moderately silicified matrix (grey quartz?). Possible fault zone(?). Fairly hard but shattered core rock; dominantly breakage orientation appears to be sub-parallel core axis. Minor rusty-brown infilling material, strongly reactive to HCl (dolomite?). ~2% dark black-brown with occasional pale yellow micas.														
121.6	124.5	AMy		S	amphibolite calcite dolomite silica			nb ma py	 	 Possible rare-trace amounts of finely disseminated grains; however likely to be pale yellow micas.	laminations veining	 	 	 Diffcult to deteremine vein density/orientation due to large aggregates of chlorite(?). Appears to have irregular white and cream-white calcite veinlets.
Mottled dark grey and green-grey, fine-medium grained amphiobolite with abundant biotite. Moderate chlorite content. Moderately soft and pitted core rock. No clear fracture planes noted but breakage appears to be dominantly sub-parallel to core axis. Slightly rubbly and shattered core. ~10% fine-coarse green-black (minor pale yellow) micas grains (<0.6cm across).														
124.5	127.4	AMy		S	amphibolite calcite dolomite silica	 2	 Irregular stringers/veinlets.	nb ma py	 	 Possible rare-trace amounts; but likely to be pale yellow mica specks.	laminations veining	 m	 60	 Low-moderate vein density; mostly white and narrow calcitic stringers/veinlets (up to 0.4cm wide)
Dark grey and grey-green, fine grained amphibolite dyke(?). Matrix is moderately hard; weakly silicified(?). Minor chlorite content. Somewhat hard and slightly blocky core rock with no dominant fracturing orientation. _____ EOH @ 127.41m.														

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GEOLOGY LOG

Hole ID **2007-009**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454515.00	6257405.00	2038.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		118.56
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
BTW	0.00	118.56	118.56

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Peak Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Not able to advance; broken ground. Drill under-powered.

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GEOLOGY LOG

Log by: Crystal Chung | Date: 24-Sep-07 | Hole ID: **2007-009**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	12.8	CASE		VW	amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; ~1m of material recovered. Cored talus/overburden, appears to be dominantly dolomitic carbonatite.														
12.8	13.8	lCC			amphibolite calcite dolomite silica	30	Moderate-strongly silicified matrix.	nb ma py	0.05	Rare-trace amounts of red-purple-brown blebs noted, carried in a calcareous veinlet (~0.4cm wide), possibly hematite.	laminations veining	vw vw	25 25	Very weak and diffused veining, defining very weak laminations. Diffused purple-brown bands (up to 0.5cm wide).
Very weakly laminated, blue-grey, fine-medium grained (<0.1-0.3cm), silicified calcite carbonatite. Hard and fairly competant core rock with minor fracturing, generally orientated at ~60 degrees to core axis. Minor zone of rubble at upper contact, likely due to drilling process.														
13.8	15.0	fCD		M	amphibolite calcite dolomite silica			nb ma py			laminations veining	w		Irregular and weakly diffused dark brown bands noted (up to ~1.5cm wide)
Strongly decalcified unit, appears to likely have been medium-dark brown (manganiferous?) dolomite carbonate (by colouring). Unit is strongly to completely weathered (near surface)/decalcified and has texture of semi-solid sandy mud, with minor fragments of more competant core rock. Trace-minor amounts of fine yellow-silver mica (phlogopite?) specks (<0.3cm).														
15.0	15.5	xAMy		W	amphibolite calcite dolomite silica	30	Irregularly iron stained calcite as infilling matrix material.	nb ma py			laminations veining			
Moderately brecciated dark green-blue amphibolite(?) dyke. "Clasts" are small-medium in size (up to ~1.3cm across) and subangular in shape. Matrix is weakly calcareous and reacts with weak HCl. Contacts are noted at ~35 (upper) and ~20 (lower) degrees to core axis.														
15.5	17.8	fAMXy		VW	amphibolite calcite dolomite silica	40	Strongly/completely decalificied.	nb ma py		Rare-trace amounts of finely disseminated purple-red-brown grains (<0.1cm); possibly hematite?	laminations veining			
Strongly weathered/decalcified unit with what appears to be mixed rock. ~40% is comprised of semi-solid, medium-dark brown sandy mud (completely decalcified), while the remainder appears to be weakly bleached amphibolite(?; similar to unit uphole). ~15% of this interval is intact core.														
17.8	22.7	bfCD		W	amphibolite calcite	15	Patches of lighter colouring	nb	0.8	Very diffused bands and small disseminated grains (<0.1cm) of	laminations veining	w w	45 40	Very diffused bands of rusty-brown
Mottled brown-buff and buff-grey dolomite carbonatite.														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 24-Sep-07 | Hole ID: **2007-009**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Patchy zones of colouring with diffused "contacts". Weakly laminated fine-medium grained (<0.1-0.3cm) matrix. Fairly competant core rock with locallized zones of weak silicification. ~30% of interval is moderate-strongly decalcified/weathered to rubble and fine "sandy mud".							(buff-grey).			purple-red-brown scattered throughout matrix; possibly hematite.				aggregates (<0.3cm).
					dolomite		Possibly manganiferous due to strong colouring(?).							
					silica	5	Weak-moderately silicified calcite carbonatite zones.	ma						
								py						
22.7	25.6	dfCCCD		M	amphibolite			nb	0.5	Fine (<0.1cm) disseminated grains of purple-red-brown scattered throughout matrix, occasionally increasing in size to ~0.1cm across.	laminations	w	40	Weak-moderately laminated, defined by weakly diffused bands of varying colour (up to ~30cm wide).
Mottled buff-brown and buff-grey mixed calcite and washes of dolomite carbonatite. Patchy zones of colouring generally have diffused "contacts" at ~40 degrees to core axis. Competant core rock with weak pitted textures and ~7% of interval being completely weathered/decalcified to a fine semi-solid "sandy mud".					calcite						veining	w	40	Slightly irregular white calcite veinlets (<1cm wide) noted throughout matrix. ~40 degrees to dominant orientation, with ~25% running sub-parallel to core axis.
					dolomite	40	Washes/diffused bands of medium brown-buff colouring.							
					silica	5	Weak-moderately silicified matrix, mostly in calcite carbonatite zones.	ma						
								py						
25.6	31.3	dfCD		M	amphibolite			nb	0.5	Fine-medium grained (up to 0.1cm) disseminated/aggregated euhedral graines of black-brown.	laminations			
Strongly weathered/decalcified medium brown and pale yellow core. Protolith appears to have been (possibly manganifereous) dolomite carbonatite. Weak and incoherant core rock with ~20% intact core. Remainder of interval is comprised of zones of blocky/shattered core rock (~10%) and completely decalcified fine-medium grained (up to 0.5cm fragments) semi-solid "sandy mud".					calcite	2	Very minor diffused bands of lighter, grey colouring. White calcite veinlets (<1cm wide) also present.				veining	w	15	Difficult to determine orientation of veining due to brokenness of core rock. Minor white calcite veinlets noted (<1cm). Several bands (~1.3cm wide) of dark purple brown
								ma						
								py						
					dolomite									
					silica									
31.3	33.0	dCD		M	amphibolite	0.05	Rare-trace amounts of dark blue-green noted, mostly carried in irregular stringers.	nb	0.2	Fine-medium (up to 0.1cm) disseminated rusty-black-brown grains with irregular boundaries.	laminations	vw	25	Very weakly laminated, defined by slight colour variations.
Mottled medium-dark buff brown, fine grained (<0.1cm) dolomite carbonatite. Competant core rock with minor amounts of fracturing, generally orientated at ~55 degrees to core axis. Core rock becomes less coherant moving downhole.											veining	w		Irregular white calcite and dark blue-green chlorite(?) stringers noted (<0.3cm wide), no preferred orientation.
					calcite	0.1		ma						
					dolomite			py						
					silica									
33.0	39.6	dfCCCD		W	amphibolite			nb	0.8	Fine (<0.1cm) subhedral-euhedral black-brown grains can be seen scattered throughout interval.	laminations			
Possible fault zone(?) Strong-completely weathered/decalcified weakly calcareous unit, likely protolith is mixed calcite and dolomite carbonatite. Patchy zones of dark purple-brown, medium rusty-brown and pale yellow. Interval is comprised of incoherant core rock with <1% intact core. Most of interval is comprised of the semi-solid "sandy mud" texture.					calcite	15					veining			
					dolomite		Dolomite appears to have slight variations in composition. Sections of dark purple-brown likely to	ma						
								py		Possibly rare-trace finely disseminated pyrite (possibly mica prisms).				

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							contain higher content of manganese(?).							
					silica									
0.1% Trace pale yellow-green mica hexagonal prisms (<0.2cm across).														
39.6	42.0	gCCCD		W	amphibolite	0.2	Fine-medium (up to 0.1cm across) dark blue-green grains.	nb	0.2	Irregularly shaped aggregates, <0.1-0.3cm across, scattered throughout matrix.	laminations	vw	20	Very weakly laminated, defined by very slight colour variations and weakly aligned grains.
Mottled pink-grey and medium brown-buff mixed calcite and dolomite carbonatite. Calcite is generally coarser grained, up to 0.2cm across with brown-buff dolomite tends to have grains <0.1cm. Slightly blocky core rock with fracturing generally at ~45 degrees to core axis and ~40% of the interval as fine rubble/"sandy mud".					calcite			ma			veining	vw	15	Narrow white and dark black-green stringers (<0.1cm) at low angles to core axis; calcite, chlorite.
					dolomite	30		py						
					silica	5	Weakly silicifed calcitic carbonatite zones.							
42.0	47.7	glCC		W	amphibolite	0.3	Sub-rounded (up to 0.4cm across) medium green blebs (likely chlorite).	nb	0.4	Fine-medium (up to 0.3cm across) red-brown blebs scattered in matrix.	laminations	m	45	Weak-moderate laminations at ~40-50 degrees to core axis, defined by by diffused brown-buff bands (up to 1.5cm wide).
Weak-moderately laminated, mottled and weakly speckled blue-grey and brown-buff calcite carbonatite. Weak-moderately reactive to HCl (generally more reactive in fine grained brown-buff zones). Matrix has been moderately silicified. Fairly competant core rock with fracturing mostly at ~45 degrees to core axis. Minor zones of blocky and rubble core rock (~15% of interval).					calcite		Weakly iron stained, giving slight rusty colouring.	ma			veining	m	15	Weak-moderate diffused white and buff bands. Some carrying trace-minor mineralization.
0.1% Trace-minor amounts of small pale yellow micas (phlogopite?).					dolomite	10		py						
					silica	25	Moderately silicified matrix, like cause of weak HCl reaction.							
47.7	52.1	blCD		M	amphibolite	1	Medium sized (0.1-0.3cm) sub-angular grains of dark green chlorite (after amphibole?).	nb	1	Fine-medium sized (<0.1-0.3cm) blebs, weakly aligned and forming very diffused/discontinuous stringers.	laminations	m	35	Moderate laminations defined by diffused bands on blue-grey calcite (up to 0.7cm wide).
Moderately laminated pink-buff fine-medium grained dolomite carbonatite. Pink-brown-buff sections tend to be finer grained (<0.1cm) compared to the lighter grey coloured grains (up to 0.2cm). Lower contact diffusely at ~40 degrees to core axis. Competant intact core rock with ~50% of interval comprised of blocky/shattered core and completely weathered and rubbled "sandy mud".					calcite	5		ma			veining	vw	40	Very diffused/discontinuous stringer formed by mineralization. Narrow diffused white calcite stringers also noted.
					dolomite			py						
					silica	1	Weakly silicified matrix.							
52.1	56.0	dlCCCD		VW	amphibolite	2	Fine-medium medium-dark green blebs, forming discontinuous stringers.	nb	1	Fine-medium (<0.1-0.2cm) disseminated grains, occasionally forming discontinuous stringers following laminations.	laminations	m	35	Weak-moderately banded matrix, defined by buff-coloured bands.
Grey and buff banded calcite carbonatite interval. Medium grained (up to 0.4cm) grey matrix is moderately silicified and coated with slightly orientated washes/bands of buff colouring (iron staining/dolomite?). Good competant core rock with minor fracturing orietnated at ~20-40 degrees to core axis. Minor zones with weak pitted textures.					calcite			ma			veining	w	30	Weak-moderately veining. Discontinuous/diffused mineralized stringers present.
					dolomite	35	Wisps and diffused bands (up to ~10cm wide).	py						
					silica	15	Moderately silicified matrix.							

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 24-Sep-07 | Hole ID: **2007-009**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
56.0	60.4	dCC		W	amphibolite	1	Fine-medium grained (<0.1-0.3cm) dark blue-green blebs, forming discontinuous stringers.	nb	0.7	Fine-medium sized, elongated (up to 0.3cm across long axis) rusty-brown blebs, occasionally forming discontinuous stringers.	laminations	w	30	Very weak-weak laminations, defined mostly by wispy brown-buff bands (up to 2cm wide).
					calcite			ma			veining	m		Irregular iron stained carbonate veinlets (up to ~1.5cm wide) and narrow discontinuous dark green stringers, mostly orientated at low angles (~sub-parallel to ~20 degrees) to core axis.
					dolomite	10	Wisps and diffused bands (up to 1cm wide).	py						
					silica	15	Moderately silicified matrix.							
Similar to unit uphole at 52.07-56m. Mottled fine-medium grained grey and fine grained light brown-buff weakly calcareous rockmass. Weak-moderately silicified grey matrix with irregular washes/wisps of buff colouring (iron staining/dolomite?). Good competant core rock with minor fracturing, mostly orientated at low-moderate angles (~5-35 degrees) to core axis.														
60.4	69.2	blCCCD		W	amphibolite	0.5	Fine-medium grained (<0.1-0.2cm) dark green specks, generally forming diffused veinlets (up to ~1cm wide). Most noticable near lower contact.	nb	1.5	Fine-medium sub-angular red-brown grains (<0.1-0.4cm), often forming diffused bands, up to ~2cm wide).	laminations	m	30	Lamination defined by diffused blue-grey and buff-brown bands (up to ~25cm wide).
					calcite	35		ma			veining	m	35	Weak-moderately veining, often carrying dissminated red-purple-brown grains.
					dolomite			py		Possibly rare-trace finely disseminated pyrite in matrix, but likely to be small pale yellow mica prisms.				
					silica	5	Weak-moderately silicified calcitic zones.							
Moderately banded buff-brown and blue grey dolomite dominant (with minor calcite) carbonatite. Blue-grey calcitic zones have slightly coarser grain sizes (up to 0.3cm) while buff-brown zones are fine grained (<0.1cm). Good competant core rock with fracturing generally at ~30 degrees to core axis. Localized zones (~10% of interval) of moderate decalcification (pitted surfaces).														
69.2	71.3	dlCD		W	amphibolite	1	Fine-medium dark green subangular grains scattered throughout matrix, possibly biotite mica prisms.	nb	2	Fine-medium disseminated grains (up to 0.3cm across), occasionally forming diffused bands (up to ~1cm wide).	laminations	w	40	Weakly laminated, defined by diffused wisps of colour variation
					calcite	5	Minor calcite content.	ma			veining			
					dolomite			py						
					silica									
Weak-moderately laminated pink-brown-buff, fine-medium grained (up to 0.2cm) dolomite carbonatite. Competant core rock with rare fracturing. Locallized zones with weak-moderate decalcification textures (pitted core surface).														
71.3	77.9	blCCCD		W	amphibolite	1	Small-medium (0.1-0.3cm) sized subangular grains noted scattered throughout matrix, 0.1% possibly biotite flakes.	nb	1.5	Fine-medium disseminated/aggregated grains (up to 0.5cm) forming discontinuous/diffused bands, up to ~1cm wide.	laminations	w	40	Weak-moderate laminations, mainly defined by diffused bands of colour variations (up to ~20cm wide).
					calcite	30		ma			veining	m	30	Weak-moderate amount of veining, mostly running at low-moderate angles to core axis. Often discontinuous blebs of mineralization
					dolomite			py	0.05	Possible rare-trace finely disseminated grains.				
					silica	1	Weakly silicified matrix, generally in zones of calcite.							
Similar to unit uphole at 69.19-71.31m. Weak-moderately laminated peach-brown-buff, fine-medium grained (<0.1-0.2cm) dolomite dominated mixed carbonatite. Blue-grey calcitic zones tend to have coarser grains. Competant core rock with minor amounts of fracturing, generally orientated at ~20 degrees to core axis. Minor locallized zones (~13% of interval) with moderate pitted surfaces (weak decalcification textures).														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 24-Sep-07 | Hole ID: **2007-009**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
77.9	80.6	dlCC		VW	amphibolite	1.5	Fine-medium (<0.1-0.3cm) dark blue-green subangular grains. Some possibly biotite flakes or fersmite(?).	nb	2	Disseminated/aggregated subhedral-euhedral grains (up to 0.2cm) scattered throughout matrix. Pyrochlore and fersmite.	laminations	m	25	Weak-moderately laminated at low angles (~20-30 degrees) to core axis. Defined by diffused pink-buff bands.
					calcite			ma			veining	w	30	Trace-minor amounts of veining, generally formed by discontinuous blebs of amphibole(?)
					dolomite	15	Diffused wisps and bands (up to ~10cm wide).	py						
					silica	20	Moderately silicified matrix.							

Fine-medium grained (0.1-0.4cm), mottled blue-grey calcite carbonatite with minor amounts of fine grained (<0.1cm) pink-buff dolomite. Matrix is weak-moderately laminated with patchy zones with surcrosic textures (silicified).
Hard and competant core rock with rare fracturing. Rare zones (~1%) with decalcified, weakly pitted surfaces, generally in zones of pink-buff colouring.

80.6	86.4	gCC		VW	amphibolite	0.4	Dark blue-green fine-medium sized (up to 0.3cm) blebs; possibly amphibole or fersmite(?).	nb	0.5	Fine-medium grained subrounded red-brown aggregates (up to 0.4cm across).	laminations	vw	30	Very weak laminations, varying from ~20-45 degrees to core axis, defined by slight colour variations.
					calcite			ma			veining	vw		Rare veining structures no preferred orientations. Mainly narrow irregular stringers (<0.1cm).
					dolomite	15	Irregular wisps and washes throughout core, appearing to form matrix surrounding calcite grains.	py	0.01	Possible rare-trace finely disseminated grains.				
					silica	20	Moderately silicified matrix.							

Similar to unit uphole at 77.88-80.62m.
Weakly laminated, medium-coarse grained (0.2-0.8cm), weakly mottled blue-grey calcite carbonatite with minor amounts of fine grained (<0.1cm) brown-buff dolomite. Moderately silicified with sub-rounded equigranular calcite grains and dololmitic matrix.
Hard and competant core rock with rare fracturing. ~30cm length of ground core, likely to have been a zone with weak-moderate decalcification.

86.4	89.5	glCCCD		W	amphibolite	0.4		nb	0.3	Fine-medium sized (up to 0.4cm) elongated (along laminations) aggregates.	laminations	vw	25	Weakly laminated, defined by diffused bands of colour variation (up to ~2cm wide).
					calcite									
					dolomite			ma	0.01	Rare-trace finely disseminated grains.	veining	w	45	Trace veining structures, appears to mostly be narrow white calcite veinlets (<1cm).
					silica	25	Moderate-strongly silicified matrix, mostly seen in calcite zones.	py						

Mottled fine grained (<0.1cm) light brown-buff and fine-medium grained (0.1-0.3cm) cream-grey mixed carbonatite. Fairly equal amounts of calcite and dolomite. Matrix appears to be moderately silicified (weak sucrosic texture).
Hard and somewhat competant core rock. Slightly blocky with no dominant fracturing orientation.

89.5	96.8	gCCCD		VW	amphibolite			nb	0.2	Fine-medium sized (up to 0.3cm across) red-brown grains. Some associated dark blue-green "rims"; possibly fersmite(?).	laminations	vw	30	Very weakly defined laminations.
					calcite						veining	w	45	Trace veining structures, mostly narrow white calcite veinlets (<1cm wide).
					dolomite	25	Irregular brown-buff wisps and washes throughout core.	ma	0.01	Rare-trace fine grains.				
					silica	20	Moderately silicified matrix.	py						

Very weakly laminated, mottled medium grained (0.2-0.4cm) blue grey and finer grained (up to 0.1cm) pink-buff, calcite dominant mixed carbonatite unit. Weak-moderatetly silicified matrix.
Hard and competant core rock with fracturing generally orientated at ~40 degrees to core axis.

96.8	100.9	dlCCCD		W	amphibolite	0.6	Fine-medium (up to 0.3cm) dark blue-green and black-brown grains; chlorite and	nb	0.5	Fine-medium black subhedral-euhedral grains scattered throughout matrix.	laminations	m	45	Moderately laminated, defined by diffused banding (up to ~1.5cm wide).

Similar to unit uphole at 89.47-96.78m.
Laminated, mottled blue-grey and brown-buff, calcite

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 24-Sep-07 | Hole ID: **2007-009**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
dominated mixed carbonatite unit. Calcite sections are coarser grained than the dolomitic zones. Matrix has weak sucrosic textures (weak-moderately silicified). Hard and competant core rock with minor fracturing orientated at ~35 degrees to core axis. Minor zones (~5%) showing weak decalcification textures, mainly in pink-brown-buff sections.							biotite(?).	ma	0.04	Trace amounts of small-medium grained (<0.3cm) silver-black grains.	veining	w	40	Irregular cream-white weakly calcareous veinlets (<1cm wide).
					calcite									
					dolomite	35	Diffused wisps and bands of red-brown							
					silica	20	Moderatly silicified matrix.	py						
100.9	107.0	gCC		VW	amphibolite			nb	0.1	Fine-medium sized (up to 0.2cm) red-brown and dark green-black aggregates scattered throughout the matrix.	laminations	vw	30	Very weak laminations noted, distinguished by wispy bands of pink buff dolomite.
Fine-medium grained (up to 0.5cm), moderately silicified, blue-grey calcite carbonatite with very minor dolomite content (very weak mottled buff colouring). Hard and competant core rock with very minor amounts of fracturing with no preferred orientation. One fracture noted running sub-parallel to core axis (~50cm).					calcite						veining			
					dolomite	5	Very faint wisps of pink-buff colouring. Slightly stronger reaction with HCl.	ma	0.01	Rare-trace fine (<0.2cm) grains.				
					silica	35	Moderate-strongly silicified matrix.	py						
107.0	110.8	gCCCD		W	amphibolite			nb	0.15	Fine-medium disseminated to aggregated red-brown grains. Some small (<0.1cm) black(?) euhedral grains; possible fersmite(?).	laminations	vw	20	Very weakly defined laminations.
Mottled peach-buff and blue grey dolomite dominanted mixed carbonatite unit. This interval has a slightly brecciated texture with "clasts" of medium grained (up to 0.4cm) grey calcite and a fine grained (<0.1cm) matrix of peach-buff dolomite. Locally moderate-strongly silicified (generally in calcite zones). Hard and competant core rock. Very minor amounts of fracturing with no preferred orientation.					calcite	35					veining			
					dolomite			ma	0.02	Trace amounts of fine-medium (up to 0.1cm) grains				
					silica	20	Moderate-strongly silicified interval, sucrosic texture noted in locallized zones.	py						
110.8	118.3	glCC		W	amphibolite			nb	0.1	Mostly fine red-brown aggregates (up to 0.1cm) and rarely with larger grains (up to 0.4cm). Dark black-green grains also noted; possible fersmite(?).	laminations	vw	30	Very weak laminations, defined by slight colour variations.
Poor core rock recovery (~65%). Similar to unit uphole at 100.93-107.0m. Very weakly laminated, weak-moderately silicified, blue-grey calcite carbonatite with minor brown-buff dolomite content. Hard and competant core rock. Minor fracturing, perferrably orientated at ~40 degrees to core axis. Core rock becomes increasing broken moving downhole.					calcite						veining			
					dolomite	15	Irregular brown-buff bands and wisps (up to ~3cm wide).	ma	0.01	Rare-trace amounts of magnetite.				
					silica	30	Moderately silicified unit with grey-white sucrosic textures.	py						
118.3	118.6	bCD		W	amphibolite			nb		Niobates appear to occur in narrow stringers (<0.4cm wide) in this interval.	laminations			
Poor recovery; this interval is comprised of mostly cave material and ground core rock. Intact pieces show possible (manganiferous) dolomite carbonatite.					calcite						veining			
EOH @ 118.56m.					dolomite			ma						
					silica			py						

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Aley Project

GEOLOGY LOG

Hole ID **2007-010**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454405.00	6257464.00	2065.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
	-90.00		79.25
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**

Drilling Data			
Bit Size	**From**	**To**	**Length**
NQ2	0.00	79.25	79.25

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Full Force Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments
Not able to advance; broken core

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	2.5	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
No casing block; measured approximate depth. Casing; no core rock recovery.														
2.5	7.0	gCCCD		VW	amphibolite calcite dolomite silica	1.5 20	Medium-coarse,dark blue-green angular grains (up to ~2cm), associated with niobates; chlorite(?). Weak-moderately silicified matrix.	nb ma py	0.3	Fine-medium, weakly elongated (up to ~0.4cm across long axis) red-brown blebs noted.	laminations veining	vw m	30 50	Very weak alignement of grains in matrix. Difficult to measure orientation due to very aggregated grains forming veinlets (up to ~20cm wide).
Poor-moderate core rock recovery (~70%). Weak-moderately silicified, slightly mottled beigh-buff mixed carbonatite. Fairly equal amounts of calcite and dolomite. Blue-grey to cream-grey calcite grains, (usually up to ~0.5cm across) and silicified. Dolomite occurs as diffused and wispy zones of beigh-buff colouring. Locallized zones of strong decalcification noted, but otherwise core rock is fairly competant. Minor rubble in upper portion of unit, likely due to drilling process.														
7.0	10.7	glCCCD		W	amphibolite calcite dolomite silica	0.4 30 17	Fine-medium dark black-green subangular blebs, generally associated with niobates; possible fersmite(?) or chlorite. Occurs as irregular beigh-buff wisps and washes, wisps are orientated along laminations. Weak-moderately silicified matrix, weak surcosic textures.	nb ma py	0.3 0.03	Fine-medium grained (up to 0.3cm) red-brown blebs, very weakly elongated along lamination orientation. Rare-trace fine silver-black grains (<0.1cm).	laminations veining	w w	35	Weak laminations defined by slight alignment of matrix grains and buff-brown wisps (<0.1cm wide). Minor amounts of veining structures, no preferred orientation. Rust-brown wispy stringers, often have pitted surfaces.
Weakly laminated, mottled grey and beigh-buff mixed calcite-dominant carbonatite. Fine-medium grained (0.1-0.4cm) in calcitic zones with finer (<0.1cm) grains in dolomitic sections. In areas of strong dolomite, weak brecciation textures are noted with a rusty-brown dolomitic "groundmass" and cream-white "clasts". Weak-moderately silicified matrix; occasionally appears to have porphyritic textures with silicified calcite grains and a dolomitic "groundmass". Hard and fairly competant core rock with minor fracturing, mostly orientated at ~40 degrees to core axis.														
10.7	13.0	bxCD		M	amphibolite calcite dolomite silica	1 20 5	Coarse dark blue-green angular clots (up to ~1cm), generally associated with niobates (biotite?). Localized silicification; generally in calcitic sections.	nb ma py	1.5	(Possible hematite). Irregular discontinuous bands of red-purple-brown. Aggregates up to ~1cm.	laminations veining	m		No dominant orientation, often discontinuous.
Medium buff-brown dolomite carbonatite (possibly manganifereous due to strong brown colouring). Weak amounts of cream-white calcite. Slight brecciated texture with brown "groundmass" and weakly calcareous white-grey "clasts". Calcitic zones appear to be weak-moderately silicified. Slightly blocky core rock, likely due to moderate decalcification of the rock. No preferred orientation of breakage.														
13.0	18.5	glCCCD		VW	amphibolite	0.5	Coarsed grained (up to	nb	0.2	Fine-medium (<0.1-0.3cm) red-	laminations	m	25	Slightly variable laminations,
Weakly laminated, fine-medium grained (0.1-0.5cm)														

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 26-Sep-07 | Hole ID: **2007-010**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
mottled cream-grey, calcite-dominanted mixed carbonatite. Trace-minor amounts of wispy fine grained (<0.1cm) brown-buff dolomite. Weak-moderately silicified matrix. Hard and competant core rock with minor fracturing (no preferred orientation).							0.7cm) piokioblastic dark green sub-angular clots.			brown blebs.				ranging from ~15-35 degrees to core axis.
					calcite			ma	0.02	Rare-trace amounts of fine magnetite grains.	veining	m	40	Weak-moderate veining density; mostly diffused and discontinuous stringers (<0.1cm.
					dolomite	15	Occurs as diffused wisps (up to ~2cm wide). Minor zones of weak brecciated texture with dolomitic "groundmass".	py						
					silica	20								
18.5	21.1	gAMX		M	amphibolite	25	Dark blue-green blebs abundantly throughout matrix. Some faded to a pale blue-grey.	nb	0.3	Fine-medium sized rounded blebs (<0.1-0.2cm across) scattered in matrix.	laminations			
Possible dyke(?); no defined contacts. Mixed amphibolite(?) and carbonatite unit. Mottled colouring with buff-brown wisps and cream-grey and dark grey-green blebby "groundmass". Weak-moderately silicified grey matrix with slight green tint (chlorite?). Hard and fairly coherent core rock. No preferred breakage orientation.											veining	w	45	Diffused and wispy buff-brown dolomitic bands (up to ~0.7cm wide)
					calcite		Calcite dominant unit.	ma						
					dolomite	20	Occurs as wispy bands, often pitted/decalcified.	py	0.01	Rare smears of brassy yellow; possibly pyrite (or micas?).				
					silica	5	Weak-moderately silicified.							
21.1	27.5	gCD		M	amphibolite	5	Pale green grains noted in matrix (chlorite?).	nb	1	Fine-medium sized (<0.1-0.3cm) aggregates of red-brown.	laminations	vw		Very weak banding defined by slight colour variations.
Weakly mottled medium brown, fine grained (<0.1cm) dolomite carbonatite with minor calcite content. Weakly silicified with a very slight brecciated texture (buff-brown groundmass with grey-white rounded-subrounded "clasts"). Moderately hard and fairly competant core rock with minor zones of blocky core. Preferred fracturing orientation at ~35 degrees to core axis.														
					calcite	15	Weak-moderately silicified white calcite grains.	ma	0.02	Rare magnetic zones throughout matrix. Finely disseminated(?).	veining	w	30	Wispy bands of rusty-brown (up to ~1cm wide). Trace irregular mineralized stringers (<0.5cm wide)
					dolomite			py						
					silica	2								
27.5	31.1	gCC		M	amphibolite	1	"Rims" of pale green around some magnetite grains; chlorite after amphibole(?).	nb			laminations	vw	40	Brown-buff dolomitic wisps tend to be orientated at ~40 degrees to core axis.
Possible dyke(?). Upper contact is shattered core but lower contact appears to be diffusely orientated at ~40 degrees to core axis. Mottled/dappled grey and dark black-grey calcite carbonatite with abundant magnetite. Trace-minor amounts of buff-brown dolomite wisps. Fairly competant core rock with minor zones (<5%) of blocky core. No preferred fracturing orientation. 0.8% Medium-coarse black-brown mica prisms (up to ~0.8cm across); biotite/phlogopite.								ma	10	Coarse subhedral aggregates (up to 0.8cm across).				
					calcite			py	0.05	Rare-trace pyrite blebs (<0.2cm).	veining	w	30	~25-30 degrees, white calcite veinlets (<1cm wide).
					dolomite	5	Irregular wisps and washes of buff-brown colouring.							
					silica									
31.1	33.2	glCCCD		M	amphibolite			nb			laminations	m	35	Moderate-strongly laminated at ~30-

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GEOLOGY LOG

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INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Moderately laminated, fine-medium grained (up to 0.3cm) calcite-dominanted mixed carbonatite. Weakly silicified matrix with trace-minor amounts of dolomite wisps/stringers. Slightly blocky core with dominant fracturing orientation at ~55 degrees to core axis. 0.3% Fine-medium sized pale yellow and black-brown mica prisms (<0.1-0.3cm), likely to be phlogopite.					calcite dolomite silica	 10 1	 Minor amounts of buff-brown wisps and stringers (<0.7cm wide). Very weakly silicified.	ma py	1.5	Fine-medium sized (up to 0.4cm) silver black disseminated/aggregated grains.	 veining			45 degrees to core axis; ddefined by narrow bands of varying colour (<0.5cm wide).
33.2	36.6	dCD	VW		amphibolite calcite dolomite silica	0.5 20	Pale green blebs (up to 0.2cm across); possibly chlorite(?). Mica prism(?).	nb ma py	0.3	Finely disseminated red-brown specks noted throughout matrix. Some fine subhedral black grains also noted.	laminations veining			
Pale peach-buff coloured, fine grained (<0.1cm) weakly silicified dolomite carbonatite, with weak-moderate calcite content. Weakly decalcified unit (small rusty-brown pits noted on surface). Fairly hard but blocky core rock with fracture planes mostly orientated at ~25 degrees to core axis.														
36.6	41.6	gCC	M		amphibolite calcite dolomite silica	1 5	Pale green "rims" associated with magnetite; chlorite after amphibole(?). Coarse dark green aggregates (up to 0.6cm across); mica prisms. Irregular wispys and washes of buff-brown colouring with minor zones (~15% of interval) of strong dolomite occurrence.	nb ma py	 12 0.1	 Medium sized subhedral aggregates (up to 0.5cm). Rare-trace amounts of purple-brown also noted, possible hematite(?). Trace amounts of brassy blebs (<0.3cm across).	laminations veining	vw m	50 35	Defined by very weak and narrow stringers (<0.2cm wide) Weak-moderate veining density. ~1.5 grey calcareous bands of slightly less magnetite mineralization
Similar to unit uphole at 27.47-31.1m. Possible dyke(?). Lower contact at ~45 degrees to core axis. Upper contact is not measurable due to brokenness of core rock. Dappled grey and dark black-grey calcite carbonatite with abundant magnetite. Very weakly decalcified as evidenced by rusty-brown pitted and weakly rubbled zones. Wispy iron staining/dolomite stringers. Competant core rock with trace-minor fracturing generally at ~45 degrees to core axis.														
41.6	42.5	dCCCD	S		amphibolite calcite dolomite silica	 30 2	 Weakly silicified, mainly in calcitic zones.	nb ma py	0.8	Disseminanted, increasing in size to aggregates (<0.1-0.2cm across).	laminations veining	w	40	Trace veining structures; irregular and diffused buff coloured stringers (<0.4cm wide).
Mottled buff-brown dolomite-dominant mixed carbonatite. Blue-grey calcite zones tend to be coarser grained when compared to buff-brown dolomite. Weak-moderately silicified matrix. Slight brecciated texture with calcite "clasts" and dolomite matrix. Hard and competant core rock.														
42.5	46.1	gfCC	VW		amphibolite calcite			nb	2	Irregular red-purple-brown aggregates of niobates (with possibly some hematite?). Grain	laminations veining	w	45	Weak veining structures, mostly diffused bands of rusty-brown (up to
Speckled cream-white calcite carbonatite with irregular wisps and washes of buff-brown dolomite. Weak-														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
										size decreases slightly moving downhole (0.1-0.4cm across).				~1cm wide).
moderately decalcified matrix as evidenced by small-medium sized (up to 0.4cm across) euhedral rusty-brown pits; oxidized mineralization(?). Weakly silicified matrix with fine-medium sized (<0.1-0.4cm) grains. Fairly hard and moderately competant core rock. ~25% of interval is moderately decalcified (very pitted surfaces). Fracturing generally at ~25-35 degrees to core axis.					dolomite	20	Wisps and washes of rusty-buff-brown, increasing in content moving downhole.	ma py						
					silica	5	Weakly silicified matrix.							
46.1	48.6	gCCCD		W	amphibolite	0.1	Trace amounts of dark green-brown clots noted (<0.2cm across); chlorite or mica(?).	nb	1.5	Irregular fine-medium sized (<0.1-0.5cm) red-brown aggregates.	laminations			
Similar to unit uphole at 42.52-46.05m. Mottled cream-white and buff-brown dolomite-dominanted mixed carbonatite. Weakly decalcified matrix, mostly in bands of rusty-brown. Weak-moderately silicified matrix. Hard and coherant core rock. Minor fracturing with no preferred breakage orientation.					calcite	25		ma py			veining	vw	30	Trace amounts of veining structures; mostly diffused and weakly decalcified rusty-brown bands (up to ~2.5cm wide).
					dolomite									
					silica	3	Weakly silicified matrix.							
48.6	51.3	gCD		S	amphibolite	0.4	Dark blue-green clots (<0.1-0.4cm across) noted scattered throughout matrix; possibly mica prisms, generally forming very discontinuous bands (up to ~2cm wide).	nb	0.1	Fine-medium sized (<0.1-0.3cm across) red-brown blebs.	laminations			
Fine-grained (<0.1cm) medium buff-brown dolomite carbonatite with patches of medium grained (0.1-0.4cm) cream-grey calcite carbonatite. Weakly silicified matrix, mostly in cream-white zones. Weakly decalcified. Hard and competant core rock with rare fracturing.					calcite	20		ma py			veining	w	35	Irregular and diffused bands (up to ~3cm) of dolomite and narrow stringers (<0.5cm).
					dolomite									
					silica	2	Weakly silicified calcitic matrix.							
51.3	55.9	glCC		W	amphibolite			nb	0.02	Trace amounts of slightly elongated red-brown blebs (up to 0.3cm across long axis).	laminations	vw	35	Very weak laminations, defined by wispy bands of buff-brown (up to ~0.8cm wide).
Dappled blue-grey calcite carbonatite with minor dolomite content, occuring as wispy bands of light buff-brown colouring. Matrix appears to be moderately silicified with fine-medium sized grains (<0.1-0.4cm). Hard and fairly competant core rock with dominant fracturing orientation at ~40 degrees to core axis.					calcite									
					dolomite	15	Occurs as buff-brown wispy bands and irregular washes throughout the matrix.	ma py			veining	w	50	Minor veining density; white very weakly calcareous veinlets (~0.6cm wide).
					silica	25	Moderately silicified matrix; grey quartz may also be present in matrix.							
55.9	60.3	gfCCCD		W	amphibolite			nb	0.5	Irregularly shaped red-purple-brown aggregates (up to 0.3cm across); some possibly	laminations	vw	55	Very weak laminations, buff-brown washes tend to show this preferred orientation.
Moderate-strongly decalcified (pitted surfaces) unit of mixed carbonatite. Dolomite content is higher in the					calcite									

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
upper part of the interval, decreasing content moving downhole. Calcite tends to be grey-white and medium grained (up to 0.6cm) and more competant while dolomite is medium brown in colour, fine grained and seen in areas of strong decalcification. Blocky core rock with ~25% of interval strongly decalcified to rubble and "sandy mud" matrix.					dolomite	40	Medium brown dolomite sections are more reactive to HCl than calcitic zones.			hematite(?).	veining			
					silica	2	Weakly silicified calcitic sections.	ma						
								py						
60.3	61.2	gfCD		M	amphibolite	0.3	Pale green blebs (<0.4cm) noted scattered throughout matrix; chlorite(?).	nb	0.2	Irregularly shaped, slightly elongated red-purple brown aggregates (up to 0.3cm across long axis). Some weakly forming very discontinuous and diffused stringers.	laminations	vw	45	Very weakly defined by slight colour variations.
Medium buff-brown fine-grained (<0.1cm) dolomite carbonatite with increasing calcite content moving downhole. Weak-moderately decalcified with locallized zones of strong pitted textures. Fairly competant core rock with ~25% of interval moderately weathered/decalcified and soft. No preferred breakage orientation.					calcite	30	Medium grained (up to 0.3cm across) cream-grey matrix, increasing in content moving downhole; weakly silicified.				veining	w	25	Minor veining density with narrow white, weakly calcareous stringers (<0.3cm wide).
								ma						
					dolomite			py						
					silica									
61.2	64.8	fCC		W	amphibolite			nb	0.5	Slightly elongated irregularly shaped aggregates (up to ~0.4cm across long axis), generally in zones of dolomite.	laminations	vw	55	Very weakly defined by slight colour variations, generally noted between calcitic and dolomitic zones.
Moderately decalcified mottled blue-grey calcite carbonatite with minor buff-brown dolomite content. Fine-medium grained (up to 0.3cm across) matrix with weak sucrosic textures from silicification. Increasing decalcification moving downhole. Fairly competant core rock, becoming more broken downhole throughout the interval. No preferred breakage orientation with ~10% fine rubble.					calcite									
					dolomite	15	Occurs as fine grained buff-brown patches (up to ~1cm across) and irregular diffused bands and washes. Generally in zones with strong pitted surfaces.				veining	w	30	Minor veining density, narrow grey stringers (<0.3cm wide).
								ma						
								py						
					silica	2	Weakly silicified matrix.							
64.8	68.6	fCCCD		W	amphibolite	0.6	Dark green clots noted throughout the interval (up to 0.4cm across); likely to be mica prisms.	nb	0.7	Fine-medium grained red-purple-brown aggregates (up to 0.5cm), appears to be forming weak bands, up to ~1cm wide (seen in more intact core).	laminations			
Fair core rock recovery (~70-80%). Strongly decalcified and broken interval of mixed calcite and dolomite carbonatite. Difficult to determine percentages due to brokenness of core rock; appears to be dolomite-dominant based on colouring of core. Broken, rubbly core rock with ~12% intact core rock. The remainder of interval is comprised of fine-medium rubble and completely decalcified core ("sandy mud" matrix).					calcite	20					veining			
					dolomite			ma						
								py						
					silica									
68.6	70.6	gfCD		M	amphibolite	1	Small-medium sized blue-green blebs (up to 0.5cm across) noted scattered	nb	0.6	Fine-medium grained irregular aggregates (<0.1-0.5cm across).	laminations			
Fine grained (<0.1cm) buff-brown dolomite carbonatite. Weakly decalcified with locallized zones of weak and											veining			

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 26-Sep-07 | Hole ID: **2007-010**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
broken core rock. Fairly competant core rock with ~15% moderate-strongly decalcified and rubbly. Preferred breakage orientation at ~40 degrees to core axis.							throughout the matrix; chlorite after amphibole(?).	ma py						
					calcite dolomite silica	5								
70.6	72.7	gCC		VW	amphibole	1	Fine-medium light-dark blue-green blebs (<0.4cm across) noted; chlorite(?).	nb ma py	0.1	Rare niobate mineralization.	laminations veining	vw w	35 50	Very weakly laminated. Trace-minor veining density; narrow and discontinuous stringers (<0.1cm wide).
Similar to unit uphole at 61.2-64.79m. Mottled blue-grey calcite carbonatite with minor buff-brown dolomite conten. Fine-medium grained (0.1-0.3cm) matrix with weak silicification. Blocky and shattered core rock with no preferred fracturing orientation.					calcite dolomite silica	7 5	Generally occurs as buff-brown fine grained (<0.1cm) clots and irregular stringers (up to 0.3cm wide). Weakly silicified matrix.							
72.7	79.3	glCCCD		W	amphibole	1.5	Pale blue-green blebs (up to 0.6cm across); chlorite after amphibole(?), possibly minor amounts of dark mica prisms.	nb ma py	0.1	Fine-medium grained red-purple-brown aggregates (<0.2cm across).	laminations veining	vw w	45 40	Very weakly laminated; defined by slight colour variations between calcitic and dolomitic zones. Trace veining density; mostly narrow and irregular buff-brown stringers (<0.3cm wide).
Mottled beigh-buff calcite-dominant mixed carbonatite. Weakly silicified fine-medium grained matrix. Hard and competant core rock; minor fracturing at ~50 degrees to core axis. ~10% ground core ("sandy mud" texture). EOH @ 79.25m.					calcite dolomite silica	30 5	Occurs as irregular brown-buff washes throughout the core. Weakly silicified matrix.							

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Hole ID **2007-011**

Code	Mineralization Style
nb	niobates
ma	magnetite
py	pyrite
pc	pyrochlore
fs	fersimite
cb	columbite

Code	Fabric
x	brecciated
l	laminated
f	decalcified
v	veined

Code	Structure
z	fault
e	strained
s	shear zone
y	dyke

Code	Lithology
CASE	Casing
OVBN	Overburden
OXID	Oxide
AM	Amphibolite
CC	Calcite Carbonatite
CD	Dolomite Carbonatite
CCCD	Mixed Calcite and Dolomite Carbonatite
AMX	Amphibole and Mixed Carbonatite

Code	Intensity
T	Trace
W	Weak
M	Moderate
S	Strong

DRILL HOLE INFORMATION			
Coordinate System	**Easting**	**Northing**	**Elevation**
UTM	454680.00	6257465.00	2068.00
Collar Azimuth	**Collar Dip**	**Planned Depth**	**Final Depth**
20.0	-90.00		152.40
Overburden (m)	**Casing (m)**	**Tricone (m)**	
	0.00		

Down-hole Survey Data			
Depth (m)	**Azimuth**	**Inclination**	**Method**
146.30	59	-88.3	Reflex EZ-shot

Drilling Data			
Bit Size	**From**	**To**	**Length**
BTW	0.00	152.40	152.40

Professional/Technician Data			
	Person	**Start Date**	**End Date**
Collar Survey			
Drill Contractor	**Peak Drilling**		
Geology By	**CC**		
Geotechnical Log	**DB**		
Specific Gravity	**CC**		

Casing	Cemented	Plugged	Rehab. Pad
in / out	**yes / no**	**yes / no**	**yes / no**

Comments

Taseko Mines Limited

Aley Project

GEOLOGY LOG

Log by: Crystal Chung | Date: 01-Oct-07 | Hole ID: **2007-011**

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
0.0	2.5	CASE			amphibolite calcite dolomite silica			nb ma py			laminations veining			
Casing; no core rock recovery.														
2.5	4.1	OVBN		S	amphibolite calcite dolomite silica			nb ma py			laminations veining			
Cored talus, overburden material. Consists of dominantly calcareous rock, possibly blue-grey calcite carbonatite bedrock. Broken/blocky fragments show various textures; some moderately laminated, some phaneritic.														
4.1	5.7	dlCC		M	amphibolite calcite dolomite silica	0.05	Rare-trace small buff coloured washes.	nb ma py	0.1 0.2	Trace amounts of fine silver-black specks scattered in matrix. Also possible rare-trace pyrrhotite(?). Mostly occurs in darker bands as slightly elongated blebs (<0.3cm across long axis).	laminations veining	m		Sub-parallel to ~20 degrees to core axis; defined by irregular bands of light and medium blue-grey (up to ~0.5cm wide).
Moderate irregularly banded, light and medium blue-grey, fine-medium grained (<0.1-0.2cm) calcite carbonatite. Rare-trace amounts of iron staining/dolomite(?). Moderately hard and competant core rock, rare fracturing. ~2% small-medium subangular-angular black-brown (and trace pale yellow) grains of mica (up to ~0.3cm across); dominantly occuring in darker blue-grey bands.														
5.7	6.9	dCC		M	amphibolite calcite dolomite silica	0.1 0.05	Pale green blebs (up to 0.3cm across), generally associated with pyrite. Rare-trace irregular washed of buff colouring, possibly weak iron staining.	nb ma py	 0.1 0.4	Possibly rare-trace amounts; fine red-brown specks noted. Fine-medium, silver-black blebs (up to 0.2cm across); possibly rare pyrrhotite(?). Dominantly occurs in darker blue-grey zones, generally as elongated blebs (up to 0.5cm across long axis).	laminations veining	vw	40	Very weakly laminated at ~30-50 degrees to core axis. Defined weakly by very dffused bands of light and medium grey matrix. Very diffused bands carrying mica and sulphide grains (up to ~10 cm wide).
Weakly laminated, mottled light and medium blue-grey, fine-medium grained (<0.1-0.2cm) calcite carbonatite. Rare-trace amounts of iron staining/dolomite(?). Moderately hard and competant core rock, rare fracturing; orientated at ~45 degrees to core axis. ~10-12% Fine-medium, subangular-angular grains (<0.1-0.4cm across long axis) of dark black-brown (and trace pale yellow) micas; generally in zones of darker blue-grey matrix.														
6.9	9.5	dCC		M	amphibolite calcite	1	Pale-light green subangular blebs (up to 0.5cm) scattered in matrix. Some discontinuous bands of dark velvet-green also noted; chlorite(?).	nb ma py	 0.01	~0.1% Fine (~0.1cm) irregular blebs of red brown; possible hematite. Rare finely disseminated magnetite.	laminations veining			
Mottled light-medium blue-grey and brown-buff, fine-medium (<0.1-0.3cm) calcite carbonatite with minor iron staining/dolomite content. Slight pitted texture on core surface. Fairly hard and competant core rock with trace amounts of fracturing, mostly orientated at ~15 degrees to core axis.														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
~2-5% small-medium dark black-brown mica(?) blades (narrow and up to 0.2cm across long axis).					dolomite	0.5	Weak-moderate irregular rusty buff-brown washes and very diffused bands.							
					silica	0.1	Very weakly silicified.							
9.5	14.0	gCCCD		W	amphibolite	1	Dark blue-green subangular blebs (up to 0.3cm across) scattered throughout matrix; chlorite(?).	nb	0.7	Irregularly shaped red-brown and black-brown blebs (up to 0.2cm across). Occasionally forming very diffused/discontinuous bands.	laminations	vw	30	Very weak bedding planes; defined mostly by diffused banding of calcite and dolomite.
Mottled light-medium blue-grey and brown-buff, fine-medium grained, calcite-dominant mixed carbonatite. Very weak and locallized silicification, generally noted in pale blue-grey sections. Fairly competant core rock with fracturing preferrably orienated at ~45 degrees to core axis. Minor zones (~5%) of broken/shattered core.					calcite			ma	0.01	Rare-trace finely disseminated grains (<0.1cm).	veining			
					dolomite	35	Buff to grey brown zones; irregular diffused washes and bands with minor decrease in grain size (<0.1cm).	py	0.05	Rare-trace amounts of finely disseminated brassy specks; possibly pyrite or pale yellow mica (phlogopite?).				
					silica									
14.0	16.7	gCC		VW	amphibolite			nb	1	Fine subhedral-euhedral aggregates of dark black-brown with minor amounts of red-brown blebs (<0.4cm); likely niobates with possibly trace amounts of hematite(?).	laminations	vw	50	Very weakly bedded, defined mostly by slight colour banding and weak alignment of matrix grains.
Very weakly laminated, speckled and weakly mottled blue-grey, medium grained (0.1-0.3cm) calcite carbonatite. Rare-trace iron staining/dolomite content. Weak-moderate silicification of calcitic matrix. Fairly hard and competant core rock with rare fracturing. ~1% Fine-medium (up to 0.2cm across long axis) brown-black bladed grains, likely to be biotite mica scattered throughout matrix.					calcite			ma			veining	vw	50	Rare vein density; weakly diffused cream silicified veinlets noted (<1cm wide).
					dolomite	15	Weak irregular washes and bands (up to ~3cm wide) of pink-buff colouring.	py	0.01	Rare-trace amounts of finely disseminated brassy specks; possibly phlogopite(?).				
					silica	25	Grey silica, slight sucrosic textures.							
16.7	19.3	gfCD		W	amphibolite			nb	1	Appears to be dominantly fersmite; fine-medium sized subhedral-euhedral dark black-brown grains (<0.1-0.2cm across). Trace-minor red-brown blebs (pyrochlore?) also noted.	laminations	vw	40	Very weak laminations; weakly defined by alignment of matrix grains.
Weakly laminated, speckled and mottled buff brown, fine-medium (<0.1-0.3cm) dolomite carbonatite with calcite. Moderately iron stained to rusty brown colouring. Weakly weathered/decalcified with pitted core surface. Slightly blocky core rock with fracturing generally orientated at ~30 degrees to core axis. ~30% of interval comprised of shattered/broken core.					calcite	30	Generally coarser grained than dolomitic component with weak silicification. Increasing slightly moving downhole.	ma			veining			Rare-trace vein density; mainly diffused bands of varying carbonatite and some discontinuous stringers (<0.2cm wide).
					dolomite			py						
					silica	1								
19.3	22.4	dfCCCD		W	amphibolite	1	Dark blue-green blebs (up to 0.4cm across) noted, slightly	nb	0.7	Finely disseminated black grains noted scattered throughout matrix	laminations	w	50	Very weakly defined by alignment of matrix grains.
Similar to unit uphole at 16.72-19.33m														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							orientated along laminations; possibly chlorite(?).			(fersmite?). Occasionally larger elongated bleb (up to 0.7cm across long axis) noted.	veining	vw		Low vein density, appears to be mostly orientated at low angles (sub-parallel to ~25 degress) to core axis.
					calcite									
					dolomite	25	Variable composition. Dark maroon-brown bands present (manganiferous dolomite?).	ma						
								py						
					silica	2	Weakly silicified matrix.							
Weakly laminated, speckled light and medium blue-grey and rusty buff-brown medium grained (0.1-0.3cm across) mixed carbonatite. Appears to be dominanted by iron stained calcite with locallized zones of fine-grained (<0.1cm) buff-brown dolomite. Weak-moderately weathered/decalcified with pitted core surfaces. Fairly competant core, slightly blocky with fracturing generally orientated at ~35 degrees to core axis. ~15% of interval is strongly weathered/decalicified into soft, semi-solid fine rubble and "sandy mud" matrix.														
22.4	29.5	glCCCD		W	amphibolite	1.5	Dark blue-green specks and blebs noted throughout matrix; possibly chlorite(?).	nb	0.5	Fine disseminations to medium sized aggregates (<0.1-0.3cm across) of mostly red-brown specks/blebs.	laminations	w	35	
					calcite						veining	w	35	Low-moderate vein density with mostly diffused buff coloured bands with some dark green <1cm wide veinlets (chlorite?).
					dolomite	20	Occurs as irregular pink-buff coloured washes and bands.	ma	0.15	Fine-medium (up to 0.1cm) silver-black disseminations, tends to occur in locallized clusters.				
					silica	2	Weakly silicified calcitic matrix.	py						
Weak-moderately laminated, speckled light and medium blue-grey, medium grained (up to 0.3cm across) calcite-dominated mixed carbonatite. Decreased in iron staining than unit immediately uphole with moderate fine-grained (<0.1cm), buff coloured dolomite content. Moderately hard and competant core rock. Minor amounts of fracturing; generally orientated at ~25 degrees to core axis. ~15% of interval comprised of blocky and broken core. ~1% fine-medium brown-black specks scattered throughout matrix; likely to be mica flakes. Generally seen in small pits on core surface.														
29.5	33.9	dCCCD		W	amphibolite	0.5	Fine-medium grained dark black-green specks, often associated with niobate mineralization; (chlorite?).	nb	0.3	Fine-medium disseminated red-brown grains, generally occurs in buff coloured "matrix" zone and tend to be rare in blue-grey "clasts".	laminations	vw	30	Very weak laminations, defined by very minor colour variations in the matrix.
					calcite						veining	w	30	Very weakly calcareous irregular and diffused veinlets seen (<1cm wide).
					dolomite	25	Occurs as almost as an alteration front, giving matrix a buff coloured overprint.	ma						
								py						
					silica	7	Weak-moderately silicified (mainly calcitic) matrix.							
Similar to unit uphole at 22.38-29.48m. Very weakly laminated mottled blue-grey and buff, fine-medium grained (<0.1-0.2cm), calcite-dominated mixed carbonatite. Core rock has slight brecciated texture with 'clasts' of blue-grey silicified calcite and matrix of finer grained dolomite. "Clasts" have weak reaction rims of cream-white. Moderately hard and competant core rock. Rare fracturing, preferrably orientated at ~45 degrees to core axis.														
33.9	38.0	xAMX		M	amphibolite	30	Fine-grained, medium-dark velvet green colouring; chlorite (after amphibole?).	nb	0.1	Trace-minor amounts of niobate mineralization, generally occurring in carbonatite sections of core. Fine-medium sized (<0.4cm across) irregularly shaped red-brown aggregates noted.	laminations	w	30	Weak laminations are noted in locallized patches, mostly defined by diffused dolomite bands.
					calcite						veining			
					dolomite	10	Occurs as irregular buff-brown washes and narrow							
Contact zone to dyke(?); interval of mixed amphibolite and carbonatite. Mottled medium grey-green, cream-white, buff-brown matrix. Moderately calcareous with calcite appearring to be dominant content. Varying grain sizes, ranging from <0.1cm (buff dolomite and green amphibolite) to 0.3cm (cream-white calcite). Slightly brecciated texture with														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							bands.	ma						
					silica			py	0.01	Rare-trace amounts of fine brassy coloured specks. Possiby pyrite but also possibly pale yellow mica flakes.				
subrounded amphibolite "clasts" and carbonatite as matrix. Hard and fairly competant core rock with minor zones of blockiness. 0.5% Fine-medium grained black-brown (and rare-trace pale yellow) mica specks present in matrix. Possible rare-trace finely disseminated galena(?).														
38.0	39.7	xAMy		W	amphibolite		Weak-moderately calcareous dark green matrix.	nb			laminations	m		No dominant orientation. Only noted in banded calcite.
Dyke(?). Weak-moderate brecciated medium-dark grey-green, fine grained amphibolite unit. Open-space fractures due to brecciation generally infillied with pale grey and white banded calcite. Matrix appears to be weakly silicified. Hard and competant core rock with rare fracturing. Good definable contacts at ~30 degrees (upper) and ~55 degrees (lower) to core axis. 0.2% fine-medium sized (up to 0.3cm across) hexagonal black-brown mica prisms are noted in darker coloured calcite bands.					calcite	10	Weak-moderately banded grey and white calcite infilling fractures.	ma	0.1	Finely disseminated silver-black specks are noted, generally in contact zone between amphibolite clasts and calcite infill. Possible trace amounts of pyrrhotite(?); brassy blebs are noted in matrix.	veining			
					dolomite			py		Trace amounts of soft brassy coloured blebs (up to 0.4cm across) noted in calcitic zones; possibly pyrite but does not streak dark grey.				
					silica									
39.7	44.1	dlCC		S	amphibolite	15	Fine grained dark velvet grey-green clasts with very weakly diffused contacts.	nb			laminations	m	25	Moderately banded at 15-30 degrees to core axis; defined by diffused bands (up to ~5cm wide) of light and medium blue-grey.
Moderate-strongly banded, light and medium blue-grey and green, fine-medium grained (<0.1-0.5cm) calcite carbonatite. Minor patches of pale rusty brown (iron staining/dolomite?) overprint. Slightly mixed unit with subrounded clasts of dark grey-green amphibolite (up to ~15cm across). Fairly hard and competant core rock, rare fracturing at ~30 degrees to core axis. ~1.5% small-medium subangular-angular black-brown (and trace pale yellow) grains of mica (up to ~0.3cm across); generally occuring in darker blue-grey bands.								ma	0.15	Trace-minor amounts of fine-medium disseminated silver-black grains. Possible rare-trace pyrrhotite.				
					calcite						veining	vw		Low vein density; rare discontinuous pyritic stringers (<0.3cm wide) noted
					dolomite	0.05	Minor zones of pale rusty-brown overprint; possibly dolomite/iron staining of calcitic matrix.	py	0.4	Brassy coloured blebs, occasionally elongated along laminations (up to 0.4cm across long axis).				
					silica									
44.1	48.2	glCC		S	amphibolite			nb			laminations	m	45	Moderate-strong laminations, defined by diffused light and medium blue-grey bands (up to ~3cm wide).
Similar to unit uphole at 39.74-44.06m. Moderate-strongly banded, light and medium blue-grey, fine-medium grained calcite carbonatite. Rare zones (~1%) of pale rusty-brown overprinting (iron staining/dolomite?) Fairly hard (possibly weakly silicified?) and competant					calcite			ma	0.1	Fine-medium sized subangular (up to 0.3cm across) aggregates of silver black magnetite. Tends to occur in darker coloured calcitic bands (in clusters).				
					dolomite						veining	vw	50	Low vein density; narrow stringers noted (<0.4cm wide), tends to cross-
					silica									

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
core rock, rare fracturing, dominatly orientated at ~25 degrees to core axis. ~1.5% small-medium black-brown mica grains (subangular in shape; up to 0.2cm across) noted, mainly occuring in darker coloured bands.								py	0.3	Brassy coloured blebs (up to 0.3cm across) scattered throughout matrix.				cut laminations.
48.2	52.7	glCC		S	amphibolite calcite dolomite silica			nb ma py	 0.1 0.3	 Fine-medium subangular silver-black aggregates (up to 0.2cm across). Fine-medium brassy disseminated grains, occasionally elongated along laminations.	laminations veining	m w	25 25	 Slightly difficult to determine veining density. Veining structures tend to follow lamination planes.
Similar to unit uphole at 39.74-44.06m. Moderate-strongly banded, light and medium blue-grey calcite carbonatite with ~10% dark grey-green amphibolite dyklets. Minor (<3%) of interval weakly overprinted with pale rusty brown colouring (iron staining?). Fairly hard and competant core rock; rare fracturing. ~1% small-medium black-brown (and trace pale yellow mica specks, mainly occuring on darker coloured bands.														
52.7	58.8	xAMy		M	amphibolite calcite dolomite silica	 15 	 Weakly calcareous, fine grained (<0.1cm) dark blue-green matrix. Weak-moderately banded grey and white calcitic infill in open space fractures.	nb ma py	 0.1 0.5	 Finely disseminated grains of silver-black magnetite. Possible trace pyrrhotite. Minor amounts of brassy yellow blebs, weakly elongated (up to 0.3cm across long axis); generally noted in darker coloured calcitic bands.	laminations veining	m m	 	No dominant orientation, only noted in banded calcitic sections. No dominant orientation; white and cream coloured calcite bands/veinlets (up to 1.5cm wide) infillin open-space fractures.
Dyke(?). Medium-dark grey green fine grained amphibolite unit. Weak-moderately brecciated textures with subrounded amphibole clasts and pale grey and white weakly banded calcitic infill. Possible weak silicification of matrix. Hard and competant core rock with possible small fault zone (~3% grey gouge-like material). Distinct upper contact at ~35 degrees to core axis; diffused lower contact appears to be at similar orientation. ~0.2% fine-medium black-brown mica grains.														
58.8	62.5	glCC		S	amphibolite calcite dolomite silica	 0.1 1	 Pale rusty-brown overprint in localized zones of the matrix; possibly dolomite. Weakly silicified matrix.	nb ma py	 2.5 1	 Medium sized (up to 0.4cm across), subrounded silver-black blebs, generally forming darker coloured bands (discontinous/diffused veinlets). Fine-medium grained disseminations, mostly associated with magnetite presence.	laminations veining	s 	30 65	Moderate-strongly laminated unit defined by slightly diffused light and dark bands (up to ~0.5cm wide). Difficult to determine vein density; veining structures tend to follow lamination planes. Several dark narrow stringers (<0.2cm wide) noted, cross-cutting laminations.
Strongly banded light and dark blue-grey, fine-medium grained (up to 0.3cm across) calcite carbonatite. Minor patches of pale rusty-brown overprint; possible iron staining/dolomite content(?). Very weakly silicified matrix. Fairly hard and competant core rock with rare fracturing. ~0.2% fine black brown mica specks.														
62.5	66.8	glCCCD		M	amphibolite calcite	 35	 Blue-grey colouring with slightly larger grain size than	nb	0.1	Slightly elongated red-brown aggregates (up to 0.4cm across long axis) present, generally in	laminations	w	45	Weak-moderately laminated; defined by diffused bands of colour variations (up to ~3cm wide).
Mottled buff-brown and light grey, dolomite-dominated carbonatite. Fine grained (<0.1cm) buff coloured														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
							dolomite.			lower part of the interval.	veining			
					dolomite			ma						
					silica	1	Weakly silicified matrix.	py						
sections with bands of slightly coarser grained (up to 0.3cm) grey calcite. Fairly hard (weakly silicified?) and competant core rock with minor locallized zones of weak decalcification/break donw, giving core surface a sandy, pitted texture (~7% of interva). Minor amounts of fracturing at ~20 degrees to core axis. ~0.7% fine-medium sized aggregates (up to 0.3cm across) dark black-green and brown mica prisms (likely to be biotite or phlogopite).														
66.8	75.7	glCCCD		VW	amphibolite			nb	0.3	Fine-medium grained (<0.1-0.3cm) red-brown blebs noted scattered throughout matrix.	laminations	w	30	Weak laminations, noticed in locallized zones. Defined by diffused banded (up to ~0.5cm wide) slight colour variations.
Weakly laminated and mottled blue-grey and pale pink-buff, calcite-dominanted carbonatite unit. Appears to be weak and diffusly brecciated with subrounded-rounded "clasts" of medium grained (up to 0.3cm) blue-grey calcite and a mixed matrix of buff dolomite and cream-white calcite. "Clasts" also appear to have weak reaction rims. Moderately hard and fairly competant core rock with minor amounts of fracturing at ~35 degrees to core axis. One fracture running sub-parallel to core axis noticed (~60cm in length). ~0.4% fine black-brown mica specks scattered in matrix.					calcite									
					dolomite			ma		Possible finely disseminated magnetite (fine silver-black specks noted).	veining	vw		Low vein density; difficult to determine as most veining structures appear to follow lamination planes.
					silica	1	Weak-moderately silicified calcitic matrix; weak sucrosic textures noted.	py						
75.7	81.9	gfCD		W	amphibolite			nb	1	Subrounded, finely disseminated to medium sized aggregated (<0.1-0.4cm) red-brown blebs. Occasionally forming discontinuous and diffused veinlets (<0.5cm wide).	laminations	vw	40	Very weak and faint, locallized laminations.
Weak-moderately decalcified, fine grained medium buff-brown dolomite carbonatite with minor coarser grained calcite component. Moderately decalcified/broken down core, giving surfaces a pitted and sandy texture. Blocky, broken core rock with ~50% intact core. Remainder of interval is comprised of broken fragments of core. Preferred fracturing orientation at ~45 degrees to core axis.					calcite	10	Slightly coarser grained than dolomitic sections with weak silicification.				veining			Difficult to determine vein density/orientation due to brokenness of core rock. Discontinuous/diffused mineralized veinlets are noted (<0.2cm wide).
					dolomite			ma						
					silica			py						
81.9	88.0	glCC		VW	amphibolite	0.2	Fine-medium dark green subangular grains (up to 0.2cm) noted.	nb	0.75	Disseminated and aggregated grains scattered througout matrix (<0.1-0.3cm across).	laminations	vw	35	Very weakly laminated, defined by diffused bands of slight colour variations.
Poor recovery (~40%, 3.05m caved). Very weakly banded light blue-grey and pale buff, fine-medium grained calcite carbonatite. Weakly decalcified matrix, mostly along buff coloured bands, giving break surfaces a sandy texture. Moderately hard and slightly blocky core rock with no preferred breakage orientation.					calcite			ma		Possible rare-trace amounts of magnetite(?); fine silver-black specks noted.	veining	vw		Low vein density; mainly narrow and discontinuous stringers (<0.2cm wide).
					dolomite	20	Generally occurs as diffused pale pink-buff coloured bands (up to ~1cm wide).	py						

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
					silica									
88.0	93.9	gfCCCD		VW	amphibolite	0.7	Dark blue-green aggregates noted associated with niobate mineralization; possibly chlorite(?). Rusty brown pits, likely to have been infilled by black-brown mica prisms.	nb	2	Red-brown fine-medium sized (up to 0.4cm across) subangular-angular aggregates noted throughout matrix. Generally forming very diffused and discontinous veinlets (up to ~1.5cm wide).	laminations	vw		Locallized and very faint laminations, difficult to measure orientation. Defined by diffused colour variations in stringers and some discontinuous mineralized stringers.
					calcite						veining	w	25	Very diffused and blebby stringers (up to ~1.5cm wide).
					dolomite			ma						
					silica	2	Matrix appears to have been weakly silicified.	py						
Very faintly banded, speckled and mottled light blue-grey and pink-buff mixed carbonatite. Fairly equal amounts of calcitic and dolomitic content. Very weak brecciated texture or what appears to be a secondary iron staining/dolomitic overprinting of medium grained blue-grey calcite. Weak-moderately decalcified matrix, mostly in buff coloured zones. Pitted core surfaces have a slight sandy texture. Moderately hard and fairly competant core rock with fracturing mostly orientated at ~40 degrees to core axis.														
93.9	97.9	gCCCD		W	amphibolite			nb	1	Fine-medium (up to 0.2cm) subangular-angular red-brown aggregates noted, scattered throughout matrix.	laminations			
					calcite	35	Slightly coarser grey calcite grains with iron stained matrix.				veining			
					dolomite			ma						
					silica	1	Appears to have been weakly silicified (mostly noted in calcitic zones).	py						
Similar to unit uphole at 87.96-93.88m. Mottled medium buff-brown and patchy pale grey, dolomite-dominated mixed carbonatite. Fine-medium grained (up to 0.2cm across) matrix with finer grained dolomite and slightly coarser grained grey calcite. Broken and slightly blocky core rock with ~45% intact core. Remainder of interval comprised of angular fragments up to ~7cm in length. No dominant breakage orientation noted.														
97.9	102.3	dlCD		M	amphibolite			nb			laminations	m	25	Ranging in orientation from ~10-40 degrees to core axis. Matrix is mostly pink-buff coloured with diffused darker coloured bands (<0.5cm wide).
					calcite	20	One ~1m interval noted of banded light and medium grey calcite.	ma	0.5	Fine-medium subhedral silver-black grained noted, generally contained within darker coloured bands and associated with mica prisms.	veining			Difficult to determine veining density due to strong laminations; veining structures tend to follow bedding planes. Mainly very diffused mineralized bands (up to ~2cm wide).
					dolomite									
					silica	1	Very weakly silicified matrix, mostly noted in more calcitic sections.	py		Possible trace amounts; small brassy coloured aggregates noted throughout matrix, however may be yellow-green mica prisms.				
Buff-brown and cream, moderately laminated dolomite carbonatite with minor grey calcite content. One "clast" (~1m in length) of banded light and medium grey calcite noted. Fairly competant core rock with fracturing generally along banding orientation at ~30 degrees to core axis. ~1.5% fine-medium (up to 0.3cm) grained black-brown and pale yellow green mica (biotite/phlogopite) flakes, often seen in diffused darker coloured bands.														
102.3	104.8	dCC		W	amphibolite			nb	0.2	Fine-medium sized red-brown disseminated grains (up to 0.2cm across). Dark green specks also noted scattered throughout matrix	laminations			
					calcite						veining	w	55	Narrow dark stringers (<0.3cm wide) noted;
					dolomite	20	Sandy-brown-buff colouring in irregular stringers/bands							
Mottled light and dark cream-grey, fine-medium grained (<0.3cm), iron stained/dolomite overprinted(?) calcite carbonatite. Irregular washes and weak diffused bands (<0.5cm wide) of buff colouring. Very weakly silicified														

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
matrix. Fairly hard and slightly blocky core rock; fracturing generally at ~40 degrees to core axis. ~55% of interval intact core.							and washes.			(possible fersmite?).				
					silica	2	Weakly silicified matrix.	ma						
								py						
104.8	111.0	gxCCCD		M	amphibolite			nb	0.7	Fine-medium, subangular-angular red-brown aggregates (up to 0.4cm across); some are silver-black coloured.	laminations	vw		Very faint and locallized laminations; difficult to determine orientation. Slight alignment of fragments in brecciated zones.
Weak-moderately brecciated, mottled grey, cream, and buff coloured, fine-medium grained, calcite-dominated mixed carbonatite. Moderate dolomite content also present, generally occuring as irregular washes and bands, infilling open-space fractures in brecciated zones; fine grained (<0.1cm). Moderate locallized decalcification (~40% of interval), breaking down core into fine rubble with a medium brown, sandy texture. Slightly blocky core rock, no preferred fracturing orientation.					calcite			ma		Silver-black (non-magnetitic) aggregates also noted.	veining	w	35	Narrow medium-dark brown, discontinuous stringers (appears to be dominantly dolomite; <0.3cm wide).
					dolomite	40	Light-medium buff-brown zones, generally weak-moderately decalcified. Irregular veinlets also generally infilling open-space fractures in brecciated zones.	py						
					silica									
111.0	112.6	glCCCD		M	amphibolite			nb	0.2	Small, slightly elongated (up to 0.3cm across long axis) red-brown blebs noted scattered throughout the matrix.	laminations	m	35	Locallized moderate-strong banding, narrow grey, cream, and brown bands (<0.3cm wide).
Very weakly banded, calcite-dominated mixed carbonatite with minor-moderate dolomite content. Locallized zones of weak silicification, generally grey calcitic zones. Slightly blocky core rock with fracturing preferrably at ~15 degrees to core axis.					calcite			ma		Trace amounts of fine silver-black specks (non-magnetic); possibly columbite(?).	veining			
					dolomite	35	Generally occurs as irregular fine-grained (<0.1cm) buff-brown washes and narrow bands throughout matrix.	py						
					silica	1	Weakly silicified matrix.							
112.6	115.5	dfCD		W	amphibolite	0.3	Small grey-green blebs (<0.3cm) noted; chlorite(?).	nb	0.15	Fine-medium disseminated grains (up to 0.2cm).	laminations	w	40	In more intact sections, weak laminations are noted; defined by slight alignment of matrix grains.
Weak-moderately decalcified, medium buff-brown dolomite carbonatite. Minor calcite content. Blocky and broken core rock; ~40% of interval intact core. Remainder of interval comprised of moderately decalcified rubble with fine, brown sandy texture. ~0.5% small rusty-brown specks scattered throughout matrix; mica(?).					calcite	5	Minor intervals of slightly coarser grained light blue-grey calcite.	ma			veining			Difficult to determine vein density/orientation due to brokenness of core rock.
					dolomite		Variable composition as evidenced by slight colour changes in banding.	py						
					silica									
115.5	120.1	dlCCCD		M	amphibolite			nb	0.1	Trace amounts of red-brown fine-medium disseminated blebs (often slightly elongated), up to 0.3cm across long axis.	laminations	m	40	Moderate-strongly laminated unit.
Moderately laminated and mottled medium blue-grey and buff-grey, fine-medium grained (up to 0.3cm), calcite-dominanted mixed carbonatite. Weakly decalcified matrix, giving core surface a pitted texture.					calcite						veining	w	40	Slightly difficult to determine vein density; veining structures tend to follow lamination planes. Narrow
					dolomite	40	Generally occurs as irregular washes and narrow bands of							

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Fairly competant core rock with minor zones of broken core. Fracturing tends to be at ~55 degrees to core axis.							fine grained (<0.1cm) buff-brown.	ma	0.2	Fine-medium grained (up to 0.3cm across) subangular-angular silver-black aggregates present in discontinous/diffused veinlets.				cream coloured calcareous stringers (<0.4cm wide) noted in matrix at various orientations.
					silica			py						
120.1	125.6	glCC		M	amphibolite			nb	0.2	Trace-minor amounts of red-brown elongated blebs (<0.5cm across long axis), occassionally forming discontinuous stringers.	laminations	m	50	Strongly noticable in locallized zones while some areas appear to not be laminated at all.
Similar to unit uphole at 115.52-120.06m. Weak-moderately banded, mottled pink-buff (iron stained?), fine-medium grained (<0.1-0.3cm) calcite carbonatite. Pale rusty brown overprint (dolomite?) is irregular sand often associated with weak decalcification textures. Moderately hard and fairly competant core rock with fracturing generally at ~60 degrees to core axis. ~1% fine-medium, subangular-angular black-brown and pale yellow mica prisms.					calcite									
					dolomite	20	Fine-grained irregular washes and bands; variable composition with bands and light buff and medium grey-maroon (manganiferous?).	ma	1	Medium-coarse grained, subhedral-euhedral silver-black aggregates of magnetite (0.2-0.4cm across).	veining	w	15	Low vein density; narrow, low angled grey-white calcitic stringers present (<0.3cm wide).
					silica	1	Weakly silicifed matrix.	py						
125.6	132.0	dCC		M	amphibolite	0.5	Pale and dark green blebs (up to 0.3cm across) noted; chlorite(?).	nb	0.1	Mostly fine-medium sized red-brown disseminated grains (up to 0.2cm). Rare larger euhedral aggregates noted.	laminations	vw		Very faintly laminated, difficult to measure orientation.
Mottled blue-grey and pale buff-brown, fine-medium grained calcite carbonatite. Weakly decalcified matrix, giving core surface a slightly pitted texture; generally occuring in zones of wispy rusty-brown bands (iron staining/dolomite?). Fairly hard and competant core rock with minor amounts of fracturing, no preferred orientation noted. ~1.5% black-brown and yellow micas in matrix.					calcite						veining	w	20	Low vein density; mainly very diffused bands containing dark magnetite aggregates (up to ~0.5cm wide).
					dolomite	20	Possible iron staining(?). Generally occurs as diffused wisps and irregular washes over matrix (appears almost to be an weak overprint). Tends to be finer grained than rest of the matrix.	ma	0.7	Medium sized subangular-angular silver-black aggregates noted, often forming discontinuous/diffused stringers.				
					silica			py						
132.0	133.4	gCCCD		M	amphibolite			nb	0.7	Fine-medium red-brown blebs; rare irregular veinlet (<0.5cm) noted.	laminations	vw	45	Very weak to weakly laminated unit; defined by slight alignment of matrix grains and narrow bands of buff-brown.
Speckled and mottled pale grey and pale brown-buff mixed carbonatite. Very weakly laminated. Fine-medium grained matrix with slight sucrosic textures (weak-moderately silicified matrix). Hard and competant core rock; rare fracturing. ~2% angular medium grained (up to 0.4cm across) black-brown mica prisms scattered throughout matrix; occasionally forming discontinuous/diffused bands.					calcite									
					dolomite	25	Pale buff coloured patches and wisps.	ma	2	Medium-coarse, subhedral-euhedral, silver-black aggregates (up to 0.4cm across); usually occuring in clusters or forming diffused/discontinuous bands	veining			
					silica	5	Moderately silicifed matrix (hard with sucrosic textures).							

INTERVAL (m) From	To	Rock Code	Zone	HCL	ALTERATION Type	%	Comments	MINERALIZATION Type	%	Comments	STRUCTURE Type	Intens	CA	Comments
Increasing content moving downhole.										(<1cm wide).				
								py						
133.4	141.6	xAMX		M	amphibolite	20	Fine grained velvet green matrix (chlorite); likely to be zones of mica flooding.	nb			laminations			
Mixed interval of dominately calcite carbonatite with possible small amphibolite dykes (up to ~70m in length). These zones can also be minor zones of mica flooding; very diffused and gradational contacts. Occasional fine-grained grey green subrounded "clasts" noted in darker zones. Hard and competant core rock with rare fracturing. ~5% fine-medium mica flakes/prisms; mostly black-brown biotite, with trace pale yellow phlogopite. Generally occuring in clusters and diffused bands.					calcite			ma	0.1	Trace amounts of fine-medium disseminated magnetite grains (up to 0.2cm across).	veining	w	35	Low-moderate vein density; mostly very diffused biotite bands (up to ~2cm wide).
					dolomite	5	Minor amounts of pale buff-brown overprinting of matrix (possible weak iron staining?).	py	0.1	Trace-minor amounts of elongated brassy coloured blebs (up to 0.3cm across long axis); likely to be pyrite, but also could be pale yellow micas.				
					silica	10	Moderately silicified matrix.							
141.6	146.5	dCC		W	amphibolite			nb	0.1	Trace amounts of elongated red-brown blebs (<0.2cm across long axis.). One irregular veinlet noted at lower contact (~0.2cm wide).	laminations	vw	45	Very faint laminations noted in localized zones. Silicification appears to have overprinting most primary textures.
Pale and medium blue-grey, moderately silicified, medium grained calcite carbonatite. Matrix appears to be moderate-strongly silicified with pale grey silica (colour gradually deepens moving downhole). Trace-minor patches of finer grained buff-brown matrix (dolomite/weak iron staining?). Hard and fairly competant core rock with fracturing dominantly orientated at ~50 degrees to core axis. ~1% fine-medium black-brown and pale yellow micas					calcite									
					dolomite	5	Trace-minor amounts of irregular washes and wisps of buff-bands colouring. Dolomitic matrix appears to infill weakly brecciated sections.	ma	0.07	Rare-trace fine-medium disseminated silver-black grains.	veining	w	60	Low vein density; mainly diffused and discontinuous mineralized veinlets (up to ~0.5cm wide).
					silica	25	Moderate-strongly silicified matrix (grey silica).	py	0.01	Rare amounts of finely disseminated brassy coloured specks; possibly pyrite or micas.				
146.5	152.4	dfCD		M	amphibolite			nb	0.2	Trace-minor amounts of red-brown blebs noted, tends to be in upper portion of interval.	laminations	w	35	Weak-moderate laminations noted; defined mostly by slight alignment of matrix grains and bands with slight colour variations.
Weak-moderately laminated, buff-brown, fine-medium grained (<0.1-0.2cm) dolomite carbonatite. Trace-minor zones of weakly silicified grey calcite. Weak-moderately decalcified matrix, giving core surface a pitted and sandy texture. Fairly competant core rock with minor-moderate amount of fracturing, dominantly orientated at ~60 degrees to core axis. ~0.5% fine-medium grained pale black-brown and pale yellow mica specks (up to 0.3cm across). Occurs as thin flakes or small prisms.					calcite	10	Minor zones/patches of coarser grained grey calcite carbonatite.	ma	1	Fine-medium sized (up to 0.3cm), subangular-angular, silver-black aggregates of magnetite. Generally occurs in clusters or as very diffused/discontinuous bands (up to ~0.7cm wide).	veining	w		Low-moderate vein density; mainly narrow dark stringers (<0.1cm wide) at various orientations.
					dolomite		Variable composition as evidenced by slight colour changes throughout matrix.							
					silica									
								py	0.01	Trace amounts of finely disseminated brassy coloured grains; possibly pyrite or pale yellow micas.				
EOH @ 152.40m.														

APPENDIX B

SAMPLE LOGS

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-001

Drill Core Samples	
Assay Date	03-Dec-07
Laboratory	iPL
File No.	07K5515

Location	UTM NAD 83	Remarks
Easting	653,809.793	Saddle
Northing	7,710,728.108	
Elevation	545.897	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	29-Aug-07
Date End	30-Aug-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	17.50	2.50	Not Sampled						OVBN	Not Sampled
17.50	21.97	4.50	831346	2586	<4	97.6	<10	<2	gCC	1/2 Core Sawn
21.97	26.23	4.30	831347	4054	<4	105.2	<10	<2	gCCCD	1/2 Core Sawn
26.23	28.36	2.10	831348	1258	<4	79.8	<10	<2	gCC	1/2 Core Sawn
28.36	30.76	2.40	831349	4754	<4	44.7	<10	<2	glCD	1/2 Core Sawn
30.76	33.05	2.30	831350	2796	<4	33.1	<10	<2	glCD	1/2 Core Sawn
33.05	35.78	2.70	831351	3076	58	77.1	<10	<2	glCC	1/2 Core Sawn
35.78	38.24	2.50	831352	2796	14	52.6	<10	<2	glCC	1/2 Core Sawn
38.24	41.12	2.90	831353	3146	12	46.8	<10	<2	dCC	1/2 Core Sawn
41.12	42.37	1.20	831354	769	12	50.9	<10	<2	dlCCCD	1/2 Core Sawn
42.37	45.48	3.10	831355	489	<4	25.1	<10	<2	gxCCz	1/2 Core Sawn
45.48	47.93	2.50	831356	629	<4	55.6	<10	<2	gxCCz	1/2 Core Sawn
47.93	51.08	3.10	831357	1049	<4	55.1	<10	<2	gCC	1/2 Core Sawn
51.08	52.88	1.80	831358	629	<4	24.7	<10	<2	dCC	1/2 Core Sawn
52.88	54.86	2.00	831359	699	<4	66.5	<10	<2	dCC	1/2 Core Sawn
54.86	57.60	2.70	831360	839	5	62.8	<10	<2	dCCCD	1/2 Core Sawn
57.60	60.96	3.40	831361	2866	19	50.5	<10	<2	dfCCCD	1/2 Core Sawn
60.96	64.48	3.50	831362	3495	11	105.4	<10	<2	dfCCCD	1/2 Core Sawn
64.48	66.58	2.10	831363	2586	<4	71.1	<10	<2	gCCCD	1/2 Core Sawn
STANDARD	AHG-1		831364	629	<4	19.6	<10	<2		Quality Control
66.58	68.72	2.10	831365	2936	<4	187.5	<10	<2	gCCCD	1/2 Core Sawn
68.72	72.00	3.30	831366	5103	5	149.2	<10	<2	gCCCD	1/2 Core Sawn
72.00	75.15	3.20	831367	909	9	73.4	<10	<2	gCCCD	1/2 Core Sawn
75.15	79.34	4.20	831368	979	47	97.8	<10	<2	gCD	1/2 Core Sawn
BLANK	Granite		831369	70	<4	14.9	<10	<2		Quality Control
79.34	85.34	6.00	831370	699	45	104.2	<10	<2	gfCDz	1/2 Core Sawn
85.34	91.44	6.10	831371	2586	37	105.7	<10	<2	gfCDz	1/2 Core Sawn
91.44	95.50	4.10	831372	3146	57	149.4	<10	<2	gfCDz	1/2 Core Sawn
95.50	99.22	3.70	831373	2097	32	94.9	<10	<2	gCC	1/2 Core Sawn
99.22	101.26	2.00	831374	2167	27	86.9	<10	<2	dCCz	1/2 Core Sawn
101.26	104.23	3.00	831375	2656	37	113.2	<10	<2	gxCDz	1/2 Core Sawn
104.23	107.12	2.90	831376	699	78	80.6	<10	<2	gxCDz	1/2 Core Sawn
107.12	108.70	1.60	831377	559	58	66.2	<10	<2	lAMXy	1/2 Core Sawn
108.70	112.92	4.20	831378	1118	120	93.8	<10	<2	dfCCCD	1/2 Core Sawn
112.92	115.06	2.10	831379	2027	91	100.2	<10	<2	glAMXy	1/2 Core Sawn
115.06	117.25	2.20	831380	1049	37	86.3	<10	<2	glAMXy	1/2 Core Sawn
117.25	119.59	2.30	831381	1258	55	65.1	<10	<2	gxCC	1/2 Core Sawn
119.59	122.46	2.90	831382	6781	41	112.7	<10	<2	gxCD	1/2 Core Sawn
122.46	125.62	3.20	831383	839	90	74.4	<10	<2	lCC	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-001

Drill Core Samples	
Assay Date	03-Dec-07
Laboratory	iPL
File No.	07K5515

Location	UTM NAD 83	Remarks
Easting	653,809.793	Saddle
Northing	7,710,728.108	
Elevation	545.897	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	29-Aug-07
Date End	30-Aug-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
STANDARD	OKA-1		831384	3565	24	33.8	<10	<2		Quality Control
125.62	130.27	4.70	831385	699	59	69.4	<10	<2	gxCCCD	1/2 Core Sawn
130.27	133.20	2.90	831386	2517	<4	98.5	<10	<2	glCC	1/2 Core Sawn
133.20	136.46	3.30	831387	3635	<4	184.0	<10	<2	dCC	1/2 Core Sawn
136.46	138.60	2.10	831388	5243	<4	240.4	<10	<2	dCC	1/2 Core Sawn
138.60	140.90	2.30	831389	909	<4	95.4	<10	<2	dCC	1/2 Core Sawn
140.90	143.26	2.40	831390	2517	<4	121.4	<10	<2	gCCCD	1/2 Core Sawn
143.26	145.15	1.90	831391	1118	58	119.3	<10	<2	gCCCD	1/2 Core Sawn
BLANK	Granite		831392	70	<4	17.4	<10	<2		Quality Control
145.15	148.18	3.00	831393	839	26	74.7	<10	<2	gCCz	1/2 Core Sawn
148.18	152.40	4.20	831394	3565	30	106.7	<10	<2	gCCz	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
17.50	152.40	134.90		2200	29	92.3	5	1		
17.50	41.12	23.62	Incl.	3118	11	72.5	5	1		
57.60	72.00	14.40	Incl.	3499	9	109.8	5	1		
85.34	104.23	18.89	Incl.	2576	39	112.1	5	1		
119.59	122.46	2.87	Incl.	6781	41	112.7	5	1		
130.27	152.40	22.13	Incl.	2629	15	127	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-002

Drill Core Samples	
Assay Date	24-Nov-07
Laboratory	iPL
File No.	07K5378

Location	UTM NAD 83	Remarks
Easting	653,759.949	Saddle, Hole lost at 42.67m (140'), reamed and redrilled. Continuation of core at 45.72m (150').
Northing	7,710,668.470	
Elevation	546.202	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	31-Aug-07
Date End	04-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	17.80	17.80	Not Sampled						OVBN	Not Sampled
17.80	21.10	3.30	831250	699	<4	58.5	<10	<2	dCC	1/2 Core Sawn
21.10	23.38	2.30	831251	3705	37	118.5	<10	<2	dfCD	1/2 Core Sawn
23.38	25.70	2.30	831252	1957	16	110.8	<10	<2	dfCD	1/2 Core Sawn
STANDARD	AHG-1		831253	629	<4	31.1	<10	<2		Quality Control
25.70	27.70	2.00	831254	769	7	79.2	<10	<2	dCCCD	1/2 Core Sawn
27.70	31.10	3.40	831255	3146	28	168.6	<10	<2	dCC	1/2 Core Sawn
31.10	34.00	2.90	831256	5453	56	167.7	<10	<2	gCCCD	1/2 Core Sawn
34.00	36.90	2.90	831257	3635	39	99.4	<10	<2	gCCCD	1/2 Core Sawn
BLANK	Granite		831258	35	<4	32.7	<10	<2		Quality Control
36.90	40.60	3.70	831259	5103	45	117.1	<10	<2	dCCCD	1/2 Core Sawn
40.60	43.71	3.10	831260	3915	24	107.7	<10	<2	dCCCD	1/2 Core Sawn
43.71	46.88	3.20	831261	3286	18	83.4	<10	<2	dCCCD	1/2 Core Sawn
46.88	50.13	3.20	831262	4054	26	99.9	<10	<2	dCCCD	1/2 Core Sawn
50.13	53.28	3.10	831263	2447	13	78.1	<10	<2	dCCCD	1/2 Core Sawn
53.28	55.90	2.60	831264	4474	49	157.4	<10	<2	dCCCD	1/2 Core Sawn
55.90	57.90	2.00	831265	6501	119	367.6	<10	<2	dfCD	1/2 Core Sawn
57.90	60.00	2.10	831266	1887	24	139.1	<10	<2	dfCCCD	1/2 Core Sawn
60.00	64.00	4.00	831267	769	16	78.7	<10	<2	dfCCCD	1/2 Core Sawn
64.00	66.40	2.40	831268	2307	14	138.6	<10	<2	dfCCCD	1/2 Core Sawn
66.40	70.00	3.60	831269	2167	14	96.3	<10	<2	dfCCCD	1/2 Core Sawn
70.00	76.20	6.20	831270	1818	13	89.6	<10	<2	dfCCCD	1/2 Core Sawn
76.20	79.20	3.00	831271	3076	31	81.6	<10	<2	blCD	1/2 Core Sawn
79.20	82.50	3.30	831272	3565	21	87.4	<10	<2	blCD	1/2 Core Sawn
STANDARD	OKA-1		831273	629	<4	29.4	<10	<2		Quality Control
82.50	85.40	2.90	831274	5872	36	87.8	<10	<2	blCCCD	1/2 Core Sawn
85.40	88.40	3.00	831275	3775	23	98.4	<10	<2	blCCCD	1/2 Core Sawn
88.40	91.40	3.00	831276	4684	7	64.3	<10	<2	blCCCD	1/2 Core Sawn
91.40	97.60	6.20	831277	3286	21	89.9	<10	<2	blCCCD	1/2 Core Sawn
97.60	106.50	8.90	831278	1887	37	136.5	<10	<2	blCCCD	1/2 Core Sawn
106.50	109.80	3.30	831279	909	142	209.6	<10	<2	dCD	1/2 Core Sawn
109.80	112.90	3.10	831280	699	142	138.1	<10	<2	dCD	1/2 Core Sawn
112.90	115.80	2.90	831281	419	85	172.4	<10	<2	dCD	1/2 Core Sawn
115.80	119.00	3.20	831282	489	93	222.1	<10	<2	dCD	1/2 Core Sawn
119.00	121.80	2.80	831283	629	141	269.1	<10	<2	dCCCD	1/2 Core Sawn
121.80	126.70	4.90	831284	280	50	69.4	<10	<2	dCCCD	1/2 Core Sawn
126.70	129.00	2.30	831285	419	39	79.6	<10	<2	nxAMXz	1/2 Core Sawn
129.00	131.61	2.60	831286	280	6	50.3	<10	<2	nxAMXz	1/2 Core Sawn
131.61	134.70	3.10	831287	699	56	120.5	<10	<2	nxAMXz	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-002

Drill Core Samples	
Assay Date	24-Nov-07
Laboratory	iPL
File No.	07K5378

Location	UTM NAD 83	Remarks
Easting	653,759.949	Saddle, Hole lost at 42.67m (140'), reamed and redrilled. Continuation of core at 45.72m (150').
Northing	7,710,668.470	
Elevation	546.202	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	31-Aug-07
Date End	04-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
134.70	139.90	5.20	831288	280	46	76.0	<10	<2	nCD	1/2 Core Sawn
139.90	143.00	3.10	831289	629	131	97.4	<10	<2	nAMX	1/2 Core Sawn
143.00	146.30	3.30	831290	559	119	73.0	<10	<2	nAMX	1/2 Core Sawn
146.30	149.40	3.10	831291	489	118	98.0	<10	<2	nAMX	1/2 Core Sawn
149.40	152.40	3.00	831292	280	73	91.2	<10	<2	nAMX	1/2 Core Sawn
STANDARD	AHG-1		831293	629	<4	25.6	<10	<2		Quality Control

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
17.80	152.40	134.60		2197	48	115.1	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID: 2007-003

Drill Core Samples	
Assay Date	02-Nov-07
Laboratory	iPL
File No.	07J4892 - 07J5010

Location	UTM NAD 83
Easting	653,902.336
Northing	7,710,695.243
Elevation	586.740

Remarks: Saddle, Not able to advance; broken ground. Drill under-powered.

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	97.30 Metres

Drill Hole Information	
Date Start	04-Sep-07
Date End	07-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	13.70	13.70	Not Sampled						CASE	Not Sampled
13.70	16.80	3.10	831000	1049	27	110.0	<10	<2	dlCD	1/2 Core Sawn
16.80	20.40	3.60	831001	979	96	198.1	<10	<2	gxCCCD	1/2 Core Sawn
20.40	24.00	3.60	831002	909	50	87.8	<10	<2	gxCCCD	1/2 Core Sawn
24.00	27.60	3.60	831003	769	87	134.3	<10	<2	gxCCCD	1/2 Core Sawn
27.60	31.70	4.10	831004	909	83	134.6	<10	<2	glCC	1/2 Core Sawn
31.70	35.70	4.00	831005	2377	79	190.1	<10	<2	gCCCD	1/2 Core Sawn
35.70	38.70	3.00	831006	350	67	71.8	<10	<2	dCCCD	1/2 Core Sawn
38.70	41.00	2.30	831007	559	126	120.8	<10	<2	gfCCCD	1/2 Core Sawn
41.00	43.20	2.20	831008	489	114	66.0	<10	<2	glCD	1/2 Core Sawn
43.20	46.20	3.00	831009	419	81	44.6	<10	<2	glCD	1/2 Core Sawn
46.20	48.20	2.00	831010	559	105	99.2	<10	<2	gfCD	1/2 Core Sawn
STANDARD	AHG-1		831011	629	<4	19.6	<10	<2		Quality Control
48.20	53.30	5.10	831012	559	99	74.8	<10	<2	blCCCD	1/2 Core Sawn
53.30	55.00	1.70	831013	1049	188	133.4	<10	<2	gfCD	1/2 Core Sawn
55.00	60.50	5.50	831014	1049	127	105.3	<10	<2	glCCCD	1/2 Core Sawn
60.50	64.00	3.50	831015	2447	166	153.7	<10	<2	dfCCCD	1/2 Core Sawn
64.00	66.00	2.00	831016	629	137	92.8	<10	<2	dfCC	1/2 Core Sawn
66.00	68.10	2.10	831017	419	85	68.8	<10	<2	dfCCCD	1/2 Core Sawn
68.10	74.80	6.70	831018	699	124	131.9	<10	<2	dfCC	1/2 Core Sawn
74.80	80.00	5.20	831019	629	82	70.1	<10	<2	gfCC	1/2 Core Sawn
80.00	85.00	5.00	831020	1188	61	78.4	<10	<2	gfCC	1/2 Core Sawn
85.00	88.90	3.90	831021	419	35	43.3	<10	<2	dfCCCD	1/2 Core Sawn
88.90	91.80	2.90	831022	629	46	133.7	<10	<2	glCCCD	1/2 Core Sawn
91.80	94.60	2.80	831023	1049	100	90.8	<10	<2	glCCCD	1/2 Core Sawn
94.60	97.30	2.70	831024	489	83	64.3	<10	<2	gCC	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
13.70	80.00	66.30		919	99	112.2	5	1		
13.70	35.70	22.00	Incl.	1184	72	143.9	5	1		
35.70	53.30	17.60	Incl.	491	97	76.8	5	1		
53.30	64.00	10.70	Incl.	1506	149	125.6	5	1		
64.00	80.00	16.00	Incl.	631	107	98.6	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID: 2007-004

Drill Core Samples	
Assay Date	02-Nov-07
Laboratory	iPL
File No.	07J5010 - 07J5058

Location	UTM NAD 83
Easting	653,842.965
Northing	7,710,654.701
Elevation	569.976

Remarks: Saddle, Not able to advance; broken ground.

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	86.86 Metres

Drill Hole Information	
Date Start	05-Sep-07
Date End	07-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	7.40	7.40	Not Sampled						CASE	Not Sampled
7.40	9.10	1.70	831025	2377	9	32.8	<10	<2	ICC	1/2 Core Sawn
9.10	12.50	3.40	831026	350	<4	37.6	<10	<2	nAMX	1/2 Core Sawn
12.50	15.90	3.40	831027	2027	28	40.1	<10	<2	nAMX	1/2 Core Sawn
15.90	19.60	3.70	831028	350	<4	29.2	<10	<2	nAM	1/2 Core Sawn
19.60	22.20	2.60	831029	1957	11	52.5	<10	<2	nxAMX	1/2 Core Sawn
22.20	24.80	2.60	831030	2796	8	78.5	<10	<2	nxAMX	1/2 Core Sawn
STANDARD	OKA-1		831031	3705	20	38.0	<10	<2		Quality Control
24.80	26.90	2.10	831032	769	4	25.9	<10	<2	dCC	1/2 Core Sawn
26.90	28.60	1.70	831033	1818	15	52.9	<10	<2	nxAMX	1/2 Core Sawn
28.60	35.40	6.80	831034	1678	22	64.8	<10	<2	fCC	1/2 Core Sawn
35.40	39.60	4.20	831035	839	7	37.2	<10	<2	nAM	1/2 Core Sawn
39.60	43.10	3.50	831036	2586	20	71.3	<10	<2	fCC	1/2 Core Sawn
43.10	46.00	2.90	831037	3355	54	107.2	<10	<2	fCC	1/2 Core Sawn
46.00	48.80	2.80	831038	1887	17	46.3	<10	<2	fCC	1/2 Core Sawn
BLANK	Granite		230003	35	<4	16.1	<10	<2		Quality Control
48.80	51.10	2.30	831039	280	<4	22.1	<10	<2	xAMX	1/2 Core Sawn
51.10	59.00	7.90	831040	629	<4	50.0	<10	<2	fAMX	1/2 Core Sawn
59.00	61.00	2.00	831041	2167	<4	45.6	<10	<2	fAMX	1/2 Core Sawn
61.00	64.00	3.00	831042	699	<4	45.9	<10	<2	fAMX	1/2 Core Sawn
64.00	67.10	3.10	831043	2097	87	126.0	<10	<2	glCC	1/2 Core Sawn
67.10	70.10	3.00	831044	699	34	73.4	<10	<2	gfCC	1/2 Core Sawn
70.10	74.30	4.20	831045	140	24	55.2	<10	<2	glCC	1/2 Core Sawn
74.30	80.20	5.90	831046	699	35	80.7	<10	<2	gCCCD	1/2 Core Sawn
80.20	82.90	2.70	831047	210	26	54.3	<10	<2	gfCCCD	1/2 Core Sawn
82.90	85.60	2.70	831048	140	9	35.7	<10	<2	gfCCCD	1/2 Core Sawn
85.60	86.86	1.30	831049	419	17	52.4	<10	<2	glCCCD	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
7.40	86.86	79.46		1212	19	56.7	5	1		
7.40	48.80	41.40	Incl.	1678	16	53.1	5	1		
48.80	86.86	38.06	Incl.	705	22	60.5	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-005

Drill Core Samples	
Assay Date	05-Nov-07
Laboratory	iPL
File No.	07J5083

Location	UTM NAD 83	Remarks
Easting	653,993.970	Saddle
Northing	7,710,714.834	
Elevation	598.627	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	115.90 Metres

Drill Hole Information	
Date Start	08-Sep-07
Date End	11-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	4.00	4.00	Not Sampled						OVBN	Not Sampled
4.00	7.40	3.40	831050	699	26	165.3	<10	<2	nCC	1/2 Core Sawn
STANDARD	AHG-1		831051	559	<4	18.8	<10	<2		Quality Control
7.40	10.80	3.40	831052	3495	39	316.2	<10	<2	nCC	1/2 Core Sawn
10.80	14.10	3.30	831053	70	5	32.0	<10	<2	nCC	1/2 Core Sawn
14.10	18.20	4.10	831054	7759	218	1038.1	<10	<2	OXID	1/2 Core Sawn
18.20	21.30	3.10	831055	2377	59	276.7	<10	<2	dCCCD	1/2 Core Sawn
21.30	24.40	3.10	831056	2796	114	124.2	<10	<2	dCCCD	1/2 Core Sawn
24.40	27.50	3.10	831057	909	97	80.3	<10	<2	dCCCD	1/2 Core Sawn
27.50	30.60	3.10	831058	1258	91	92.1	<10	<2	dCCCD	1/2 Core Sawn
30.60	33.50	2.90	831059	5243	41	148.4	<10	<2	dCCCD	1/2 Core Sawn
33.50	38.50	5.00	831060	2097	14	47.6	29.0	<2	nAM	1/2 Core Sawn
38.50	42.70	4.20	831061	4264	14	144.2	<10	<2	dCD	1/2 Core Sawn
42.70	47.80	5.10	831062	4054	14	150.0	<10	<2		1/2 Core Sawn
47.80	49.70	1.90	831063	559	<4	50.8	<10	<2	nCC	1/2 Core Sawn
49.70	53.80	4.10	831064	350	<4	24.1	<10	<2	nAM	1/2 Core Sawn
53.80	57.90	4.10	831065	839	<4	31.9	36.0	<2	nAM	1/2 Core Sawn
57.90	62.00	4.10	831066	280	<4	30.2	41.0	<2	nAM	1/2 Core Sawn
62.00	66.20	4.20	831067	280	<4	56.3	29.0	<2	nAM	1/2 Core Sawn
66.20	70.50	4.30	831068	350	<4	21.6	179.0	<2	nAM	1/2 Core Sawn
70.50	73.00	2.50	831069	2307	<4	85.7	<10	<2	dCD	1/2 Core Sawn
73.00	75.50	2.50	831070	2656	33	193.7	<10	<2	dCD	1/2 Core Sawn
STANDARD	OKA-1		831071	3775	20	44.0	<10	<2		Quality Control
75.50	77.50	2.00	831072	419	<4	16.5	66.0	<2	nAM	1/2 Core Sawn
77.50	81.70	4.20	831073	2586	5	110.1	<10	<2	dlCD	1/2 Core Sawn
81.70	85.60	3.90	831074	489	<4	19.1	93.0	<2	nAM	1/2 Core Sawn
85.60	89.30	3.70	831075	629	12	84.5	<10	<2	dlCD	1/2 Core Sawn
BLANK	Granite		230004	35	<4	20.3	<10	<2		Quality Control
89.30	95.30	6.00	831076	140	<4	19.3	88.0	<2	nAM	1/2 Core Sawn
95.30	98.50	3.20	831077	839	26	196.7	<10	<2	CD	1/2 Core Sawn
98.50	101.50	3.00	831078	909	50	271.5	<10	<2	CD	1/2 Core Sawn
101.50	104.50	3.00	831079	839	42	247.5	<10	<2	CD	1/2 Core Sawn
104.50	106.80	2.30	831080	2307	71	269.6	<10	<2	CD	1/2 Core Sawn
106.80	111.40	4.60	831081	140	<4	33.1	13.0	<2	nAM	1/2 Core Sawn
111.40	115.90	4.50	831082	350	<4	36.5	<10	<2	nAM	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID 2007-005

Drill Core Samples	
Assay Date	05-Nov-07
Laboratory	iPL
File No.	07J5083

Location	UTM NAD 83	Remarks
Easting	653,993.970	Saddle
Northing	7,710,714.834	
Elevation	598.627	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	115.90 Metres

Drill Hole Information	
Date Start	08-Sep-07
Date End	11-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
4.00	115.90	111.90		1678	30	137.8	25	1		
7.40	47.80	40.40	Incl.	3241	61	229	8	1		
70.50	81.70	11.20	Incl.	2152	10	106.6	16	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-006

Drill Core Samples

Assay Date	06-Dec-07
Laboratory	iPL
File No.	07K5271

Location UTM NAD 83

Easting	653,846.234
Northing	7,710,789.575
Elevation	582.778

Remarks: Saddle

Direction / Length

Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information

Date Start	08-Sep-08
Date End	11-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	1.92	1.90	Not Sampled						OVBN	Not Sampled
1.92	3.37	1.50	831145	839	<4	47.8	<10	<2	OVBN	1/2 Core Sawn
3.37	6.34	3.00	831146	3286	<4	44.6	<10	<2	ICC	1/2 Core Sawn
6.34	9.42	3.10	831147	6221	<4	36.3	<10	<2	ICC	1/2 Core Sawn
9.42	11.30	1.90	831148	2726	<4	38.0	<10	<2	CD	1/2 Core Sawn
11.30	13.48	2.20	831149	3076	<4	38.5	<10	<2	CD	1/2 Core Sawn
13.48	16.55	3.10	831150	1118	<4	39.6	<10	<2	ICC	1/2 Core Sawn
16.55	19.48	2.90	831151	979	<4	27.0	<10	<2	ICC	1/2 Core Sawn
STANDARD	OKA-1		831152	3705	15	38.5	<10	<2		Quality Control
19.48	22.25	2.80	831153	3076	<4	37.0	<10	<2	ICC	1/2 Core Sawn
22.25	23.19	0.90	831154	979	<4	19.7	<10	<2	AMy	1/2 Core Sawn
23.19	26.20	3.00	831155	2097	<4	26.2	<10	<2	ICC	1/2 Core Sawn
26.20	29.30	3.10	831156	3006	<4	22.6	<10	<2	ICC	1/2 Core Sawn
29.30	31.96	2.70	831157	769	<4	39.3	<10	<2	ICC	1/2 Core Sawn
31.96	34.96	3.00	831158	979	<4	30.9	<10	<2	lCCCD	1/2 Core Sawn
34.96	38.13	3.20	831159	7270	<4	27.2	<10	<2	lCCCD	1/2 Core Sawn
38.13	41.34	3.20	831160	3355	<4	47.7	<10	<2	lCCCD	1/2 Core Sawn
41.34	44.05	2.70	831161	2586	<4	82.8	<10	<2	CCCD	1/2 Core Sawn
44.05	46.60	2.60	831162	2027	<4	106.3	<10	<2	CCCD	1/2 Core Sawn
46.60	49.30	2.70	831163	2377	5	144.5	<10	<2	CCCD	1/2 Core Sawn
49.30	52.15	2.90	831164	3915	<4	113.5	<10	<2	dCD	1/2 Core Sawn
52.15	54.86	2.70	831165	3845	27	185.6	<10	<2	dCD	1/2 Core Sawn
54.86	57.91	3.00	831166	1118	11	130.7	<10	<2	dCD	1/2 Core Sawn
57.91	60.70	2.80	831167	2167	21	145.4	<10	<2	dCD	1/2 Core Sawn
60.70	62.91	2.20	831168	3775	58	194.0	<10	<2	dCD	1/2 Core Sawn
BLANK	Granite		831169	70	<4	20.3	<10	<2		Quality Control
62.91	66.57	3.70	831170	2936	7	105.2	<10	<2	dCD	1/2 Core Sawn
66.57	69.80	3.20	831171	3355	<4	123.6	<10	<2	gfCD	1/2 Core Sawn
STANDARD	AHG-1		831172	629	<4	24.6	<10	<2		Quality Control
69.80	73.15	3.40	831173	3146	31	258.6	<10	<2	gfCD	1/2 Core Sawn
73.15	76.40	3.20	831174	1887	31	177.1	<10	<2	gfCD	1/2 Core Sawn
76.40	79.84	3.40	831175	6012	84	340.4	<10	<2	gfCD	1/2 Core Sawn
79.84	83.17	3.30	831176	4963	<4	147.5	<10	<2	gfCD	1/2 Core Sawn
83.17	86.32	3.10	831177	2097	17	116.3	<10	<2	gfCD	1/2 Core Sawn
86.32	89.46	3.10	831178	1818	17	87.9	<10	<2	xAMXy	1/2 Core Sawn
89.46	92.86	3.40	831179	2866	63	172.0	<10	<2	dCD	1/2 Core Sawn
92.86	96.44	3.60	831180	2447	54	159.7	<10	<2	dCD	1/2 Core Sawn
96.44	99.34	2.90	831181	1188	16	98.0	<10	<2	dfCD	1/2 Core Sawn
99.34	102.18	2.80	831182	4474	14	132.2	<10	<2	dfCD	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-006

Drill Core Samples	
Assay Date	06-Dec-07
Laboratory	iPL
File No.	07K5271

Location	UTM NAD 83	Remarks
Easting	653,846.234	Saddle
Northing	7,710,789.575	
Elevation	582.778	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	08-Sep-08
Date End	11-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
102.18	104.81	2.60	831183	979	<4	51.8	<10	<2	lCC	1/2 Core Sawn
104.81	107.05	2.20	831184	559	<4	17.9	<10	<2	lCC	1/2 Core Sawn
107.05	109.67	2.60	831185	629	<4	22.3	<10	<2	lCC	1/2 Core Sawn
109.67	112.77	3.10	831186	769	<4	31.0	<10	<2	dCCCD	1/2 Core Sawn
112.77	116.50	3.70	831187	489	<4	25.4	<10	<2	dCCCD	1/2 Core Sawn
116.50	119.37	2.90	831188	699	11	75.1	<10	<2	dfCCCD	1/2 Core Sawn
119.37	122.26	2.90	831189	2167	23	92.5	<10	<2	dfCCCD	1/2 Core Sawn
122.26	125.15	2.90	831190	2167	46	117.3	<10	<2	dfCCCD	1/2 Core Sawn
125.15	128.05	2.90	831191	1957	38	75.6	<10	<2	dfCCCD	1/2 Core Sawn
STANDARD	OKA-1		831192	3565	16	38.1	<10	<2		Quality Control
128.05	131.55	3.50	831193	559	<4	37.3	<10	<2	dfCD	1/2 Core Sawn
131.55	134.30	2.80	831194	4264	17	91.2	<10	<2	dCD	1/2 Core Sawn
134.30	137.62	3.30	831195	2726	12	115.0	<10	<2	dCD	1/2 Core Sawn
137.62	138.36	0.70	831196	909	<4	31.4	<10	<2	bAMy	1/2 Core Sawn
138.36	141.46	3.10	831197	1049	<4	26.9	<10	<2	dCC	1/2 Core Sawn
141.46	144.50	3.00	831198	769	19	75.5	<10	<2	dCC	1/2 Core Sawn
144.50	148.16	3.70	831199	2237	5	103.3	<10	<2	dlCD	1/2 Core Sawn
148.16	150.38	2.20	831200	2726	36	83.4	<10	<2	blCCCD	1/2 Core Sawn
150.38	152.40	2.00	831201	3146	79	122.0	<10	<2	blCCCD	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
3.37	152.40	149.03		2488	16	93.8	5	1		
3.37	102.18	98.81	Incl.	2948	16	107.3	5	1		
119.37	152.40	33.03	Incl.	2052	22	82.8	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-007

Drill Core Samples	
Assay Date	19-Nov-07
Laboratory	iPL
File No.	07K5346

Location	UTM NAD 83
Easting	653,899.452
Northing	7,710,788.591
Elevation	606.857

Remarks: Saddle, Mechanical difficulties.

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	134.12 Metres

Drill Hole Information	
Date Start	12-Sep-07
Date End	16-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	3.05	3.00	Not Sampled						CASE	Not Sampled
3.05	9.83	6.80	831202	1118	<4	65.9	<10	<2	gfCC	1/2 Core Sawn
9.83	13.75	3.90	831203	5872	5	182.7	<10	<2	gfCD	1/2 Core Sawn
13.75	17.97	4.20	831204	9018	74	275.1	<10	<2	blCCCD	1/2 Core Sawn
17.97	22.28	4.30	831205	2656	74	251.3	<10	<2	dfCD	1/2 Core Sawn
22.28	27.28	5.00	831206	3076	53	250.5	<10	<2	bfCC	1/2 Core Sawn
27.28	30.98	3.70	831207	2307	31	152.4	<10	<2	gfCD	1/2 Core Sawn
30.98	33.67	2.70	831208	699	32	111.5	<10	<2	glCC	1/2 Core Sawn
33.67	36.60	2.90	831209	839	34	134.3	<10	<2	nfCD	1/2 Core Sawn
36.60	42.15	5.50	831210	909	40	128.5	<10	<2	gCC	1/2 Core Sawn
42.15	44.26	2.10	831211	3216	<4	113.9	<10	<2	dlCC	1/2 Core Sawn
44.26	47.62	3.40	831212	3076	9	92.6	<10	<2	dlCCCD	1/2 Core Sawn
STANDARD	AHG-1		831213	629	<4	26.1	<10	<2		Quality Control
47.62	49.22	1.60	831214	4054	22	158.3	<10	<2	gxCCCD	1/2 Core Sawn
49.22	51.82	2.60	831215	4194	<4	87.7	<10	<2	gfCD	1/2 Core Sawn
51.82	53.72	1.90	831216	3355	<4	49.2	<10	<2	gfCD	1/2 Core Sawn
53.72	55.87	2.10	831217	909	<4	24.6	<10	<2	dfCD	1/2 Core Sawn
55.87	58.39	2.50	831218	1188	<4	62.0	<10	<2	dlCC	1/2 Core Sawn
58.39	59.45	1.10	831219	2796	<4	67.0	<10	<2	gxCD	1/2 Core Sawn
59.45	63.11	3.70	831220	3775	5	84.0	<10	<2	gCCCD	1/2 Core Sawn
BLANK	Granite		831221	70	<4	26.6	<10	<2		Quality Control
63.11	65.65	2.50	831222	8948	5	51.9	<10	<2	glCD	1/2 Core Sawn
65.65	68.10	2.40	831223	3286	<4	54.0	<10	<2	glCCCD	1/2 Core Sawn
68.10	70.51	2.40	831224	3286	6	70.0	<10	<2	glCCCD	1/2 Core Sawn
70.51	72.85	2.30	831225	1957	<4	44.5	<10	<2	glCCCD	1/2 Core Sawn
72.85	75.13	2.30	831226	2377	<4	67.3	<10	<2	gxCD	1/2 Core Sawn
75.13	76.77	1.60	831227	699	5	49.9	<10	<2	blCC	1/2 Core Sawn
76.77	80.59	3.80	831228	699	<4	47.7	<10	<2	gxCD	1/2 Core Sawn
80.59	82.30	1.70	831229	2656	<4	39.3	<10	<2	blCC	1/2 Core Sawn
82.30	85.34	3.00	831230	3006	<4	66.1	<10	<2	glCD	1/2 Core Sawn
85.34	87.10	1.80	831231	769	<4	61.0	<10	<2	glCC	1/2 Core Sawn
87.10	90.38	3.30	831232	769	<4	65.1	<10	<2	gfCCCD	1/2 Core Sawn
STANDARD	OKA-1		831233	3705	15	44.9	<10	<2		Quality Control
90.38	94.49	4.10	831234	2027	<4	150.4	<10	<2	gfCDz	1/2 Core Sawn
94.49	97.54	3.10	831235	3775	12	110.0	<10	<2	gxCDz	1/2 Core Sawn
97.54	100.58	3.00	831236	2586	10	88.2	<10	<2	gxCDz	1/2 Core Sawn
100.58	103.55	3.00	831237	2796	<4	88.2	<10	<2	gxCDz	1/2 Core Sawn
103.55	105.96	2.40	831238	1957	<4	54.9	<10	<2	gxCDz	1/2 Core Sawn
105.96	108.11	2.20	831239	419	<4	21.2	<10	<2	CCCD	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-007

Drill Core Samples	
Assay Date	19-Nov-07
Laboratory	iPL
File No.	07K5346

Location	UTM NAD 83
Easting	653,899.452
Northing	7,710,788.591
Elevation	606.857

Remarks
Saddle, Mechanical difficulties.

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	134.12 Metres

Drill Hole Information	
Date Start	12-Sep-07
Date End	16-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
108.11	110.39	2.30	831240	419	<4	22.1	<10	<2	CCCD	1/2 Core Sawn
110.39	112.04	1.70	831241	280	<4	121.5	<10	<2	gxCD	1/2 Core Sawn
112.04	114.52	2.50	831242	3006	<4	149.8	<10	<2	gxCD	1/2 Core Sawn
114.52	116.31	1.80	831243	3146	<4	63.4	<10	<2	glCCCD	1/2 Core Sawn
116.31	118.87	2.60	831244	2237	<4	61.0	<10	<2	gxCD	1/2 Core Sawn
118.87	121.63	2.80	831245	2027	7	58.5	<10	<2	gxCD	1/2 Core Sawn
121.63	125.21	3.60	831246	280	<4	14.1	<10	<2	gCCCD	1/2 Core Sawn
125.21	127.94	2.70	831247	1118	<4	78.3	<10	<2	blCCCD	1/2 Core Sawn
127.94	131.06	3.10	831248	2796	29	96.7	<10	<2	bxCCCD	1/2 Core Sawn
131.06	134.12	3.10	831249	3635	40	99.2	<10	<2	bxCCCD	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
3.05	134.12	131.07		2574	15	102.8	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID 2007-008

Drill Core Samples	
Assay Date	10-Dec-07
Laboratory	iPL
File No.	07K5540

Location	UTM NAD 83
Easting	653,940.311
Northing	7,710,610.657
Elevation	541.020

Remarks: Saddle

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	127.41 Metres

Drill Hole Information	
Date Start	12-Sep-07
Date End	13-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	4.57	4.60	Not Sampled						CASE	Not Sampled
4.57	5.66	1.10	831395	419	8	39.1	<10	<2	dCC	1/2 Core Sawn
5.66	10.05	4.40	831396	2517	5	44.7	<10	<2	lCC	1/2 Core Sawn
10.05	14.24	4.20	831397	979	8	25.3	<10	<2	blCC	1/2 Core Sawn
14.24	15.46	1.20	831398	489	4	24.4	<10	<2	nlAMXy	1/2 Core Sawn
15.46	19.30	3.80	831399	699	<4	31.2	<10	<2	blCC	1/2 Core Sawn
19.30	22.16	2.90	831400	839	<4	31.8	<10	<2	glCCCD	1/2 Core Sawn
22.16	24.80	2.60	831401	979	<4	38.9	<10	<2	glCCCD	1/2 Core Sawn
BLANK	Granite		831402	35	<4	14.1	<10	<2		Quality Control
24.80	26.11	1.30	831403	559	30	83.6	<10	<2	CCy	1/2 Core Sawn
26.11	27.51	1.40	831404	1887	123	195.9	<10	<2	CCCD	1/2 Core Sawn
STANDARD	AHG-1		831405	559	<4	21.6	<10	<2		Quality Control
27.51	30.73	3.20	831406	1188	99	137.9	<10	<2	lCC	1/2 Core Sawn
30.73	32.85	2.10	831407	559	37	29.8	<10	<2	AMy	1/2 Core Sawn
32.85	35.77	2.90	831408	70	<4	38.5	<10	<2	glAMX	1/2 Core Sawn
35.77	38.79	3.00	831409	140	<4	41.3	<10	<2	glAMX	1/2 Core Sawn
38.79	42.01	3.20	831410	70	<4	52.1	<10	<2	glAMX	1/2 Core Sawn
42.01	46.53	4.50	831411	70	<4	56.6	<10	<2	glCC	1/2 Core Sawn
46.53	50.69	4.20	831412	140	17	61.9	<10	<2	dlCC	1/2 Core Sawn
50.69	53.14	2.50	831413	210	43	42.7	<10	<2	CC	1/2 Core Sawn
53.14	56.31	3.20	831414	210	37	36.6	<10	<2	CC	1/2 Core Sawn
56.31	57.49	1.20	831415	140	<4	28.2	<10	<2	AMXy	1/2 Core Sawn
57.49	60.25	2.80	831416	210	42	50.7	<10	<2	lCC	1/2 Core Sawn
60.25	63.52	3.30	831417	280	27	59.5	<10	<2	lCC	1/2 Core Sawn
63.52	67.01	3.50	831418	70	4	31.9	<10	<2	lCC	1/2 Core Sawn
67.01	69.85	2.80	831419	280	<4	30.0	<10	<2	blCC	1/2 Core Sawn
69.85	73.08	3.20	831420	419	<4	36.1	<10	<2	blCC	1/2 Core Sawn
73.08	75.59	2.50	831421	70	<4	30.5	<10	<2	CC	1/2 Core Sawn
75.59	78.33	2.70	831422	70	<4	45.0	<10	<2	CC	1/2 Core Sawn
78.33	82.32	4.00	831423	70	<4	44.2	<10	<2	lCC	1/2 Core Sawn
82.32	84.73	2.40	831424	140	6	39.0	<10	<2	lCC	1/2 Core Sawn
STANDARD	OKA-1		831425	3845	12	32.4	<10	<2		Quality Control
84.73	88.09	3.40	831426	140	11	43.8	<10	<2	dCCCD	1/2 Core Sawn
88.09	92.58	4.50	831427	70	<4	37.6	<10	<2	glCC	1/2 Core Sawn
92.58	95.98	3.40	831428	35	<4	27.8	<10	<2	gCC	1/2 Core Sawn
95.98	99.38	3.40	831429	70	<4	33.0	<10	<2	gCC	1/2 Core Sawn
99.38	102.32	2.90	831430	70	<4	46.1	<10	<2	gCC	1/2 Core Sawn
102.32	105.41	3.10	831431	629	34	93.1	<10	<2	gCC	1/2 Core Sawn
105.41	108.89	3.50	831432	210	10	46.4	<10	<2	lCC	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID 2007-008

Drill Core Samples		Location	UTM NAD 83	Remarks	Direction / Length		Drill Hole Information	
Assay Date	10-Dec-07	Easting	653,940.311	Saddle	Azimuth	0 °	Date Start	12-Sep-07
Laboratory	iPL	Northing	7,710,610.657		Inclination	-90 °	Date End	13-Sep-07
File No.	07K5540	Elevation	541.020		Length	127.41 Metres	Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
108.89	111.56	2.70	831433	1049	21	23.4	<10	<2	lAMX	1/2 Core Sawn
111.56	114.83	3.30	831434	489	9	10.4	130.0	<2	AMy	1/2 Core Sawn
114.83	118.37	3.50	831435	2167	7	7.0	97.0	<2	AMy	1/2 Core Sawn
118.37	121.61	3.20	831436	3495	19	11.8	136.0	<2	AM	1/2 Core Sawn
121.61	124.53	2.90	831437	419	<4	13.9	104.0	<2	AMy	1/2 Core Sawn
124.53	127.41	2.90	831438	350	<4	13.9	144.0	<2	AMy	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
4.57	124.53	119.96		574	14	43.2	17	1		
5.66	30.73	25.07	Incl.	1221	24	58.8	5	1		
108.89	121.61	12.72	Incl.	1839	14	12.5	96	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-009

Drill Core Samples

Assay Date	06-Dec-07
Laboratory	iPL
File No.	07J5145

Location UTM NAD 83

Easting	653,972.328
Northing	7,710,752.666
Elevation	621.182

Remarks
Saddle, Not able to advance; broken ground. Drill under-powered.

Direction / Length

Azimuth	0 °
Inclination	-90 °
Length	118.56 Metres

Drill Hole Information

Date Start	14-Sep-07
Date End	18-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	11.80	11.80	Not Sampled						CASE	Not Sampled
11.80	17.81	6.00	831083	5942	35	60.7	<10	<2	fAMXy	1/2 Core Sawn
17.81	22.68	4.90	831084	5872	10	82.7	<10	<2	bfCD	1/2 Core Sawn
22.68	25.61	2.90	831085	2097	<4	36.7	<10	<2	dfCCCD	1/2 Core Sawn
25.61	31.33	5.70	831086	9926	13	76.8	<10	<2	dfCD	1/2 Core Sawn
31.33	33.01	1.70	831087	6221	10	57.1	<10	<2	dCD	1/2 Core Sawn
33.01	39.60	6.60	831088	11185	52	79.4	<10	<2	dfCCCD	1/2 Core Sawn
39.60	41.95	2.40	831089	5173	15	37.4	<10	<2	gCCCD	1/2 Core Sawn
41.95	44.82	2.90	831090	3146	<4	36.5	<10	<2	glCC	1/2 Core Sawn
STANDARD	AHG-1		831091	629	<4	22.0	<10	<2		Quality Control
44.82	47.73	2.90	831092	909	<4	22.2	<10	<2	glCC	1/2 Core Sawn
47.73	52.07	4.30	831093	2796	<4	30.5	<10	<2	blCD	1/2 Core Sawn
52.07	56.00	3.90	831094	699	<4	27.3	<10	<2	dlCCCD	1/2 Core Sawn
56.00	60.35	4.40	831095	2307	<4	36.6	<10	<2	dCC	1/2 Core Sawn
60.35	63.39	3.00	831096	2936	<4	45.5	<10	<2	blCCCD	1/2 Core Sawn
63.39	66.35	3.00	831097	7270	34	93.2	<10	<2	blCCCD	1/2 Core Sawn
66.35	69.19	2.80	831098	6921	32	89.4	<10	<2	blCCCD	1/2 Core Sawn
69.19	71.31	2.10	831099	7480	52	90.2	<10	<2	dlCD	1/2 Core Sawn
BLANK	Granite		230005	35	<4	16.1	<10	<2		Quality Control
71.31	74.50	3.20	831100	7829	53	94.3	<10	<2	blCCCD	1/2 Core Sawn
74.50	77.88	3.40	831101	6221	55	103.5	<10	<2	blCCCD	1/2 Core Sawn
77.88	80.62	2.70	831102	4544	34	73.6	<10	<2	dlCC	1/2 Core Sawn
80.62	83.62	3.00	831103	4194	<4	79.0	<10	<2	gCC	1/2 Core Sawn
83.62	86.37	2.80	831104	18245	42	58.3	<10	<2	gCC	1/2 Core Sawn
86.37	89.47	3.10	831105	3915	42	104.0	<10	<2	glCCCD	1/2 Core Sawn
89.47	93.28	3.80	831106	3216	54	103.1	<10	<2	gCCCD	1/2 Core Sawn
93.28	96.78	3.50	831107	4823	119	165.4	<10	<2	gCCCD	1/2 Core Sawn
96.78	100.93	4.20	831108	3076	164	131.8	<10	<2	dlCCCD	1/2 Core Sawn
100.93	104.00	3.10	831109	210	10	23.8	<10	<2	gCC	1/2 Core Sawn
104.00	107.00	3.00	831110	280	<4	28.9	<10	<2	gCC	1/2 Core Sawn
107.00	110.77	3.80	831111	769	79	90.7	<10	<2	gCCCD	1/2 Core Sawn
STANDARD	OKA-1		831112	3635	19	40.6	<10	<2		Quality Control
110.77	118.56	7.80	831113	1188	13	28.1	<10	<2	glCC	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID 2007-009

Drill Core Samples	
Assay Date	06-Dec-07
Laboratory	iPL
File No.	07J5145

Location	UTM NAD 83	Remarks
Easting	653,972.328	Saddle, Not able to advance; broken ground. Drill under-powered.
Northing	7,710,752.666	
Elevation	621.182	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	118.56 Metres

Drill Hole Information	
Date Start	14-Sep-07
Date End	18-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
11.80	100.93	89.13		5625	35	73.4	5	1		
11.80	41.95	30.15	Incl.	7414	24	67	5	1		
63.39	100.93	37.54	Incl.	6187	61	101.5	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID
2007-010

Drill Core Samples	
Assay Date	06-Dec-07
Laboratory	iPL
File No.	07K5171

Location	UTM NAD 83	Remarks
Easting	653,937.714	Saddle, Not able to advance; broken core
Northing	7,710,773.432	
Elevation	629.412	

Direction / Length	
Azimuth	0 °
Inclination	-90 °
Length	79.25 Metres

Drill Hole Information	
Date Start	17-Sep-07
Date End	21-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	2.50	2.50	Not Sampled						CASE	Not Sampled
2.50	6.96	4.50	831114	70	<4	33.8	<10	<2	gCCCD	1/2 Core Sawn
6.96	8.83	1.90	831115	35	<4	36.7	<10	<2	glCCCD	1/2 Core Sawn
8.83	10.71	1.90	831116	35	<4	42.7	<10	<2	glCCCD	1/2 Core Sawn
10.71	12.97	2.30	831117	70	<4	53.3	<10	<2	bxCD	1/2 Core Sawn
12.97	15.70	2.70	831118	35	<4	38.4	<10	<2	glCCCD	1/2 Core Sawn
15.70	18.54	2.80	831119	35	<4	40.9	<10	<2	glCCCD	1/2 Core Sawn
18.54	21.09	2.60	831120	35	<4	50.0	<10	<2	gAMX	1/2 Core Sawn
21.09	23.32	2.20	831121	70	<4	68.0	<10	<2	gCD	1/2 Core Sawn
23.32	25.37	2.10	831122	70	<4	64.4	<10	<2	gCD	1/2 Core Sawn
25.37	27.47	2.10	831123	35	<4	45.7	<10	<2	gCD	1/2 Core Sawn
27.47	31.10	3.60	831124	35	<4	71.0	<10	<2	gCC	1/2 Core Sawn
31.10	33.21	2.10	831125	35	<4	40.2	<10	<2	glCCCD	1/2 Core Sawn
BLANK	Granite		230006	35	<4	12.4	<10	<2		Quality Control
33.21	36.58	3.40	831126	35	<4	30.1	<10	<2	dCD	1/2 Core Sawn
36.58	39.15	2.60	831127	35	<4	85.2	<10	<2	gCC	1/2 Core Sawn
39.15	41.57	2.40	831128	35	<4	92.6	<10	<2	gCC	1/2 Core Sawn
41.57	43.90	2.30	831129	35	<4	73.2	<10	<2	gfCC	1/2 Core Sawn
43.90	46.05	2.10	831130	35	<4	70.3	<10	<2	gfCC	1/2 Core Sawn
46.05	48.61	2.60	831131	35	<4	60.5	<10	<2	gCCCD	1/2 Core Sawn
STANDARD	AHG-1		831132	559	<4	21.5	<10	<2		Quality Control
48.61	51.34	2.70	831133	35	<4	47.5	<10	<2	gCD	1/2 Core Sawn
51.34	53.50	2.20	831134	140	6	134.0	<10	<2	glCC	1/2 Core Sawn
53.50	55.88	2.40	831135	70	<4	50.1	<10	<2	glCC	1/2 Core Sawn
55.88	57.91	2.00	831136	70	<4	87.3	<10	<2	gfCCCD	1/2 Core Sawn
57.91	60.32	2.40	831137	35	<4	52.0	<10	<2	gfCCCD	1/2 Core Sawn
60.32	61.88	1.60	831138	35	<4	54.2	<10	<2	gfCD	1/2 Core Sawn
61.88	64.79	2.90	831139	35	<4	41.2	<10	<2	fCC	1/2 Core Sawn
64.79	68.58	3.80	831140	70	<4	64.8	<10	<2	fCCCD	1/2 Core Sawn
68.58	70.61	2.00	831141	70	<4	39.1	<10	<2	gfCD	1/2 Core Sawn
70.61	72.69	2.10	831142	70	<4	32.4	<10	<2	gCC	1/2 Core Sawn
72.69	76.20	3.50	831143	280	<4	52.6	<10	<2	glCCCD	1/2 Core Sawn
76.20	79.25	3.00	831144	70	<4	31.0	<10	<2	glCCCD	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
2.50	79.25	76.75		61	2	55.1	5	1		

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID: 2007-011

Drill Core Samples	
Assay Date	24-Nov-07
Laboratory	iPL
File No.	07K5474

Location	UTM NAD 83	Remarks
Easting	654,020.866	Saddle
Northing	7,710,774.542	
Elevation	630.326	

Direction / Length	
Azimuth	20 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	18-Sep-07
Date End	23-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
0.00	2.46	2.50	Not Sampled						CASE	Not Sampled
STANDARD	OKA-1		831293B	3565	22	35.5	<10	<2		Quality Control
2.46	4.06	1.60	831294	4124	21	43.0	<10	<2	OVBN	1/2 Core Sawn
4.06	6.93	2.90	831295	5103	17	20.1	<10	<2	dlCC	1/2 Core Sawn
6.93	9.52	2.60	831296	3216	4	19.0	<10	<2	dCC	1/2 Core Sawn
9.52	11.81	2.30	831297	4474	44	79.6	<10	<2	gCCCD	1/2 Core Sawn
11.81	13.98	2.20	831298	6641	72	143.2	<10	<2	gCCCD	1/2 Core Sawn
13.98	16.72	2.70	831299	2726	50	61.2	<10	<2	gCC	1/2 Core Sawn
16.72	19.33	2.60	831300	2726	109	116.9	<10	<2	gfCD	1/2 Core Sawn
19.33	22.38	3.10	831301	2167	144	155.6	<10	<2	dfCCCD	1/2 Core Sawn
22.38	24.70	2.30	831302	3495	38	49.4	<10	<2	glCCCD	1/2 Core Sawn
24.70	27.12	2.40	831303	3216	49	56.9	<10	<2	glCCCD	1/2 Core Sawn
STANDARD	OKA-1		831304	3565	21	41.0	<10	<2		Quality Control
27.12	29.48	2.40	831305	3635	86	85.9	<10	<2	glCCCD	1/2 Core Sawn
29.48	33.91	4.40	831306	2097	38	45.2	<10	<2	dCCCD	1/2 Core Sawn
33.91	38.04	4.10	831307	2656	8	56.6	<10	<2	xAMX	1/2 Core Sawn
38.04	39.74	1.70	831308	1957	5	22.3	<10	<2	xAMy	1/2 Core Sawn
39.74	44.06	4.30	831309	3006	14	53.0	<10	<2	dlCC	1/2 Core Sawn
44.06	48.23	4.20	831310	3216	13	36.5	<10	<2	glCC	1/2 Core Sawn
48.23	52.71	4.50	831311	2726	12	36.6	<10	<2	glCC	1/2 Core Sawn
52.71	55.78	3.10	831312	2167	8	50.7	<10	<2	xAMy	1/2 Core Sawn
55.78	58.81	3.00	831313	2447	15	35.6	<10	<2	xAMy	1/2 Core Sawn
58.81	62.48	3.70	831314	3495	<4	46.7	<10	<2	glCC	1/2 Core Sawn
62.48	66.79	4.30	831315	1118	60	62.6	<10	<2	glCCCD	1/2 Core Sawn
66.79	69.69	2.90	831316	1118	81	66.6	<10	<2	glCCCD	1/2 Core Sawn
69.69	72.65	3.00	831317	2656	146	99.9	<10	<2	glCCCD	1/2 Core Sawn
72.65	75.71	3.10	831318	769	52	61.8	<10	<2	glCCCD	1/2 Core Sawn
75.71	78.64	2.90	831319	2936	17	49.3	<10	<2	gfCD	1/2 Core Sawn
78.64	81.88	3.20	831320	2866	<4	64.3	<10	<2	gfCD	1/2 Core Sawn
81.88	87.96	6.10	831321	2097	62	53.6	<10	<2	glCC	1/2 Core Sawn
87.96	90.63	2.70	831322	1049	92	83.7	<10	<2	gfCCCD	1/2 Core Sawn
90.63	93.88	3.20	831323	1188	122	88.0	<10	<2	gfCCCD	1/2 Core Sawn
STANDARD	AHG-1		831324	559	<4	17.0	<10	<2		Quality Control
93.88	97.91	4.00	831325	839	93	86.9	<10	<2	gCCCD	1/2 Core Sawn
BLANK	Granite		831326	35	<4	18.8	<10	<2		Quality Control
97.91	102.28	4.40	831327	2377	109	66.4	<10	<2	dlCD	1/2 Core Sawn
102.28	104.84	2.60	831328	2307	56	81.7	<10	<2	dCC	1/2 Core Sawn
104.84	107.82	3.00	831329	2517	51	111.7	<10	<2	gxCCCD	1/2 Core Sawn
107.82	110.95	3.10	831330	2517	30	46.9	<10	<2	gxCCCD	1/2 Core Sawn

Taseko Mines

ALEY - ANALYTICAL RESULTS

Hole ID 2007-011

Drill Core Samples	
Assay Date	24-Nov-07
Laboratory	iPL
File No.	07K5474

Location UTM NAD 83		Remarks
Easting	654,020.866	Saddle
Northing	7,710,774.542	
Elevation	630.326	

Direction / Length	
Azimuth	20 °
Inclination	-90 °
Length	152.40 Metres

Drill Hole Information	
Date Start	18-Sep-07
Date End	23-Sep-07
Operator	Taseko

Sample Interval (metres)			Sample Number	Analytical Results					Lithology	Sample Method
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
110.95	112.64	1.70	831331	280	7	28.5	<10	<2	glCCCD	1/2 Core Sawn
112.64	115.52	2.90	831332	3076	58	87.3	<10	<2	dfCD	1/2 Core Sawn
115.52	120.06	4.50	831333	2656	67	81.4	<10	<2	dlCCCD	1/2 Core Sawn
120.06	122.77	2.70	831334	699	59	42.3	<10	<2	glCC	1/2 Core Sawn
122.77	125.59	2.80	831335	3146	100	69.4	<10	<2	glCC	1/2 Core Sawn
125.59	128.83	3.20	831336	2097	121	68.6	<10	<2	dCC	1/2 Core Sawn
128.83	132.04	3.20	831337	1887	19	43.7	<10	<2	dCC	1/2 Core Sawn
132.04	133.35	1.30	831338	4404	38	81.7	<10	<2	gCCCD	1/2 Core Sawn
133.35	137.60	4.20	831339	4823	82	34.3	<10	<2	xAMX	1/2 Core Sawn
137.60	141.58	4.00	831340	3076	71	34.8	<10	<2	xAMX	1/2 Core Sawn
141.58	144.00	2.40	831341	1118	53	67.2	<10	<2	dCC	1/2 Core Sawn
144.00	146.51	2.50	831342	909	<4	29.1	<10	<2	dCC	1/2 Core Sawn
146.51	149.34	2.80	831343	1258	5	53.0	<10	<2	dfCD	1/2 Core Sawn
STANDARD	OKA-1		831344	3565	21	34.7	<10	<2		Quality Control
149.34	152.40	3.10	831345	2866	36	113.9	<10	<2	dfCD	1/2 Core Sawn

Drill Hole Selected Interval - Weighted Average Analytical Results

Sample Interval (metres)				Analytical Results						
From	To	Int.		Nb ppm	Ta ppm	Th ppm	U ppm	Re ppm		
2.46	152.40	149.94		2537	52	63.1	5	1		
2.46	62.48	60.02	Incl.	3149	35	58.7	5	1		

APPENDIX C

ASSAY CERTIFICATES

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
iPL 07J4892

ISO 9001:2000 CERTIFICATION Intertek
200 - 11620 Horseshoe Way
Richmond, B.C.
Canada V7A 4V5
Phone (604) 879-7878
Fax (604) 272-0851
Website www.ipl.ca

Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9003
Comment:

20 Samples Print: Oct 25, 2007 In: Oct 22, 2007 [489214:00:36:70102507:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	20	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90000	1	Std iPL	Std iPL(Certified) - no charge.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Nb2O5 Th U Re / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
03	0728	ICP	ppm	U ICP	Uranium	10	1000
04	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
05	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
06	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
07	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
08	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
09	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
10	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
11	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
12	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
13	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
14	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
15	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
16	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
17	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

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CERTIFICATE OF ANALYSIS
iPL 07J4892

Client : Process Research Associates Ltd — **20 Samples** — Print: Oct 25, 2007 — Page 1 of 1
Project: 0708410 — Ship# — 20=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [489214:00:36:70102507:0Th] Oct 22, 2007 — Section 1 of 2

Sample Name	Type	NB205 %	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %	LOI %
831000	Pulp	0.15	110.0	<10	<2	1.11	0.02	30.26	2.74	0.60	16.77	0.36	0.76	2.33	0.69	0.03	42.83
831001	Pulp	0.14	198.1	<10	<2	1.10	0.01	31.80	3.05	<0.01	16.39	0.30	0.74	3.68	0.63	0.04	41.81
831002	Pulp	0.13	87.8	<10	<2	1.02	0.01	31.12	2.88	0.68	16.13	0.39	0.80	4.97	0.53	0.10	39.83
831003	Pulp	0.11	134.3	<10	<2	1.07	0.01	31.10	3.37	0.63	15.63	0.28	0.81	4.39	0.76	0.08	40.39
831004	Pulp	0.13	134.6	<10	<2	0.99	0.01	31.80	2.96	0.67	15.65	0.28	0.78	3.40	0.49	0.07	42.40
831005	Pulp	0.34	190.1	<10	<2	1.07	0.01	32.02	2.97	0.63	15.16	0.24	0.78	3.65	0.59	0.05	41.19
831006	Pulp	0.05	71.8	<10	<2	1.21	0.01	32.47	3.21	0.69	14.66	0.28	0.75	4.28	0.87	0.06	40.63
831007	Pulp	0.08	120.8	<10	<2	1.32	0.03	32.91	4.69	0.48	12.17	0.29	0.78	7.06	1.16	0.19	37.29
831008	Pulp	0.07	66.0	<10	<2	1.26	0.01	30.66	3.71	0.59	15.54	0.27	0.77	4.37	1.00	0.16	39.83
831009	Pulp	0.06	44.6	<10	<2	1.23	0.01	30.54	2.88	0.61	16.84	0.26	0.77	2.88	0.99	0.06	42.57
831010	Pulp	0.08	99.2	<10	<2	1.13	0.01	31.04	3.20	0.72	16.17	0.26	0.74	4.26	0.79	0.08	40.92
831011	Pulp	0.09	19.6	<10	<2	0.93	0.01	31.74	2.35	0.65	16.50	0.57	0.77	3.57	0.50	0.01	41.43
831012	Pulp	0.08	74.8	<10	<2	1.22	0.01	30.42	3.67	0.63	16.20	0.29	0.73	3.34	0.97	0.08	42.09
831013	Pulp	0.15	133.4	<10	<2	1.42	0.02	32.48	5.67	0.74	13.17	0.38	0.77	7.64	1.84	0.27	34.88
831014	Pulp	0.15	105.3	<10	<2	1.14	0.01	31.22	3.79	0.47	15.64	0.30	0.77	4.96	1.26	0.13	39.80
831015	Pulp	0.35	153.7	<10	<2	1.47	0.02	30.83	5.66	0.49	12.41	0.36	0.79	5.81	5.47	0.12	34.75
831016	Pulp	0.09	92.8	<10	<2	1.85	0.02	30.24	4.95	0.61	11.71	0.32	0.84	2.90	9.76	0.18	34.82
831017	Pulp	0.06	68.8	<10	<2	2.04	0.02	27.26	5.24	0.56	13.66	0.35	1.82	4.03	16.58	0.12	28.19
831018	Pulp	0.10	131.9	<10	<2	2.06	0.03	29.67	5.19	0.57	13.64	0.41	0.79	3.39	6.34	0.18	37.19
831019	Pulp	0.09	70.1	<10	<2	1.12	0.01	30.25	3.10	0.59	16.51	0.30	0.78	3.31	0.84	0.10	41.61
RE 831000	Repeat	0.16	112.8	<10	<2	1.15	0.02	30.29	2.83	0.74	16.70	0.37	0.79	2.40	0.66	0.03	42.55
RE 831019	Repeat	0.10	77.6	<10	<2	1.13	0.01	30.10	3.35	0.56	16.76	0.30	0.81	3.24	0.82	0.08	41.55
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205 REF	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	2000 F

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

20 Samples

20=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [489214:00:36:70102507:0Ch]

Print: Oct 25, 2007
Oct 22, 2007

Sample Name	Total %
831000	98.51
831001	99.54
831002	98.47
831003	98.50
831004	99.49
831005	98.35
831006	99.12
831007	98.39
831008	98.18
831009	99.62
831010	99.34
831011	99.03
831012	99.66
831013	99.27
831014	99.49
831015	98.18
831016	98.19
831017	99.87
831018	99.46
831019	98.51
RE 831000	98.53
RE 831019	98.71
Blank iPL	—
CCRMP_STD as Nb2O5	—
CCRMP_STD as Nb2O5 REF	—

Minimum Detection	0.01
Maximum Detection	105.00
Method	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd — **20 Samples** — Print: Nov 02, 2007 In: Oct 25, 2007 [501017:27:19:70110207:002]

Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9066
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	20	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90000	1	Std iPL	Std iPL(Certified) - no charge.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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Em:bojagrcic@pralab.com

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Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd — **20 Samples** — Print: Nov 02, 2007 — Page 1 of 1
Project: 0708410 — Ship# — 20=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [501017:27:19:70110207:0021] — Rec: Oct 25, 2007 — Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831020	Pulp	0.17	61	78.4	<10	<2	1.15	0.01	28.50	2.65	<0.01	18.70	0.30	0.74	1.98	1.47	0.07
831021	Pulp	0.06	35	43.3	<10	<2	1.12	0.02	29.10	3.00	0.41	17.54	0.54	0.76	2.82	1.29	0.07
831022	Pulp	0.09	46	133.7	<10	<2	1.13	0.01	30.90	4.54	0.61	15.39	0.30	0.79	4.27	1.14	0.17
831023	Pulp	0.15	100	90.8	<10	<2	1.25	0.02	29.50	4.31	0.54	15.25	0.31	0.82	4.55	2.59	0.18
831024	Pulp	0.07	83	64.3	<10	<2	1.16	0.02	31.72	3.89	0.41	14.11	0.33	0.82	3.70	2.15	0.08
831025	Pulp	0.34	9	32.8	<10	<2	1.71	0.06	43.27	2.62	0.49	3.25	0.24	1.13	2.13	5.78	0.10
831026	Pulp	0.05	<4	37.6	<10	<2	4.22	0.04	18.19	5.45	1.87	11.30	0.33	4.19	1.87	34.28	0.28
831027	Pulp	0.29	28	40.1	<10	<2	4.24	0.07	21.53	5.42	1.84	7.79	0.33	3.64	2.54	31.78	0.28
831028	Pulp	0.05	<4	29.2	<10	<2	7.13	0.06	8.84	6.59	1.27	6.50	0.31	7.68	1.54	50.33	0.35
831029	Pulp	0.28	11	52.5	<10	<2	3.37	0.06	29.05	4.58	0.84	8.10	0.34	2.60	2.45	20.42	0.21
831030	Pulp	0.40	8	78.5	<10	<2	3.80	0.07	30.28	4.75	1.31	6.36	0.29	2.02	2.45	20.78	0.21
831031	Pulp	0.53	20	38.0	<10	<2	2.60	0.33	44.07	3.85	0.64	2.08	0.79	1.20	2.57	6.48	0.23
831032	Pulp	0.11	4	25.9	<10	<2	1.42	0.08	45.81	1.82	0.49	2.50	0.22	1.28	1.33	6.34	0.05
831033	Pulp	0.26	15	52.9	<10	<2	3.26	0.05	26.92	6.41	1.27	7.87	0.32	2.69	3.08	23.24	0.24
831034	Pulp	0.24	22	64.8	<10	<2	5.62	0.06	27.09	4.85	1.86	4.00	0.25	1.24	2.75	23.98	0.25
831035	Pulp	0.12	7	37.2	<10	<2	5.34	0.06	24.27	4.55	2.29	4.86	0.29	2.31	2.67	30.43	0.25
831036	Pulp	0.37	20	71.3	<10	<2	5.40	0.04	18.54	7.10	1.89	6.24	0.31	2.28	3.41	35.29	0.33
831037	Pulp	0.48	54	107.2	<10	<2	4.03	0.06	34.78	4.78	0.72	2.26	0.27	0.85	4.14	14.51	0.23
831038	Pulp	0.27	17	46.3	<10	<2	4.71	0.07	31.04	3.96	1.58	4.46	0.26	1.48	2.84	19.22	0.26
831039	Pulp	0.04	<4	22.1	<10	<2	6.66	0.04	9.53	5.97	2.89	8.50	0.31	5.01	2.06	49.51	0.36
RE 831020	Repeat	0.16	61	79.6	<10	<2	1.22	0.01	27.53	2.52	0.66	18.88	0.29	0.82	1.89	1.46	0.07
RE 831039	Repeat	0.04	<4	23.6	<10	<2	6.54	0.04	9.35	5.85	2.53	8.70	0.30	5.02	1.97	50.76	0.35
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205	Std iPL	0.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205 REF	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

20 Samples

20=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [501017:27:19:70110207:0021]

Print: Nov 02, 2007
Rec: Oct 25, 2007

Sample Name	LOI %	Total %
831020	44.10	99.67
831021	42.90	99.57
831022	40.49	99.75
831023	39.10	98.42
831024	40.42	98.80
831025	37.47	98.25
831026	17.64	99.66
831027	19.54	99.01
831028	7.59	98.18
831029	26.15	98.18
831030	27.16	99.50
831031	33.36	98.21
831032	37.93	99.27
831033	23.06	98.41
831034	26.60	98.55
831035	22.52	99.85
831036	18.31	99.13
831037	32.73	99.36
831038	28.71	98.59
831039	8.84	99.66
RE 831020	44.06	99.40
RE 831039	8.42	99.85
Blank iPL	—	—
CCRMP_STD as Nb2O5	—	—
CCRMP_STD as Nb2O5 REF	—	—
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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[505817:29:35:70110207:003]

Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9082
Comment:

11 Samples Print: Nov 02, 2007 In: Oct 26, 2007

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	11	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	1	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90000	1	Std iPL	Std iPL(Certified) - no charge.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

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Client : Process Research Associates Ltd **11 Samples** Print: Nov 02, 2007 Page 1 of 1
Project: 0708410 Ship# 11=Pulp 1=Repeat 1=Blk iPL 1=Std iPL [505817:29:35:70110207:0013] Oct 26, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831040	Pulp	0.09	<4	50.0	<10	<2	10.22	0.03	9.27	6.53	3.80	3.27	0.14	0.99	2.36	45.70	0.45
831041	Pulp	0.31	<4	45.6	<10	<2	6.35	0.06	16.61	7.01	1.84	6.90	0.40	2.31	2.84	35.56	0.40
831042	Pulp	0.10	<4	45.9	<10	<2	5.44	0.06	23.44	5.43	1.76	5.33	0.34	1.87	2.04	28.07	0.25
831043	Pulp	0.30	87	126.0	<10	<2	1.25	0.05	46.29	3.51	0.38	1.85	0.23	0.86	3.60	2.12	0.12
831044	Pulp	0.10	34	73.4	<10	<2	3.71	0.05	39.02	5.68	<0.01	2.51	0.25	0.86	3.33	8.42	0.21
831045	Pulp	0.02	24	55.2	<10	<2	1.50	0.04	44.71	4.71	<0.01	2.02	0.25	1.14	4.54	3.94	0.19
831046	Pulp	0.10	35	80.7	<10	<2	3.36	0.03	24.88	4.89	1.73	11.50	0.27	0.95	3.60	13.41	0.24
831047	Pulp	0.03	26	54.3	<10	<2	1.06	0.01	29.32	3.93	0.51	16.21	0.25	0.83	4.52	1.91	0.12
831048	Pulp	0.02	9	35.7	<10	<2	0.79	0.01	28.36	2.87	0.70	17.64	0.23	0.84	3.79	0.72	0.11
831049	Pulp	0.06	17	52.4	<10	<2	2.17	0.02	30.76	4.55	0.90	11.49	0.23	0.99	4.09	6.93	0.19
230003	Pulp	<0.01	<4	16.1	<10	<2	13.75	0.11	3.46	2.89	3.81	1.23	0.09	4.56	0.24	66.18	0.36
RE 831040	Repeat	0.09	<4	55.9	<10	<2	10.31	0.04	9.14	6.52	3.71	3.24	0.14	1.09	2.28	45.56	0.45
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205 REF	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd **11 Samples** Print: Nov 02, 2007 Page 1 of 1
Project: 0708410 Ship# 11=Pulp 1=Repeat 1=Blk iPL 1=Std iPL [505817:29:35:70110207:0013] Oct 26, 2007 Section 2 of 2

Sample Name	LOI %	Total %
831040	15.62	98.37
831041	17.76	98.04
831042	24.49	98.53
831043	38.19	98.44
831044	34.20	98.23
831045	35.21	98.26
831046	33.65	98.50
831047	39.58	98.24
831048	42.39	98.44
831049	37.00	99.32
230003	2.10	98.78
RE 831040	16.07	98.54
Blank iPL	—	—
CCRMP_STD as Nb2O5	—	—
CCRMP_STD as Nb2O5 REF	—	—
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9101
Comment:

34 Samples Print: Nov 05, 2007 In: Oct 29, 2007 [508315:33:27:70110507:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	34	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90000	1	Std iPL	Std iPL(Certified) - no charge.		

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Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd **34 Samples** Print: Nov 05, 2007 Page 1 of 1
Project: 0708410 Ship# 34=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [508315:33:27:70110507:0Dh] Oct 29, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	SiO2 %	TiO2 %
831050	Pulp	0.10	26	165.3	<10	<2	1.00	0.01	30.04	3.08	<0.01	17.81	0.47	0.86	2.54	0.98	0.04
831051	Pulp	0.08	<4	18.8	<10	<2	0.94	0.01	31.13	2.29	0.41	16.93	0.56	0.89	3.51	0.59	0.01
831052	Pulp	0.50	39	316.2	<10	<2	1.14	0.01	29.86	3.74	0.75	16.31	0.21	0.88	3.72	1.56	0.04
831053	Pulp	0.01	5	32.0	<10	<2	1.08	<0.01	0.61	1.48	0.82	0.34	0.01	1.08	0.22	90.30	0.09
831054	Pulp	1.11	218	0.10%	<10	<2	1.76	0.02	22.56	25.40	<0.01	8.62	0.20	0.96	9.63	2.60	0.36
831055	Pulp	0.34	59	276.7	<10	<2	1.39	<0.01	29.42	3.38	<0.01	17.48	0.19	0.92	2.63	1.81	0.03
831056	Pulp	0.40	114	124.2	<10	<2	1.19	<0.01	30.50	3.04	0.53	16.38	0.17	0.94	4.32	1.68	0.05
831057	Pulp	0.13	97	80.3	<10	<2	1.09	<0.01	30.06	2.35	0.67	16.77	0.14	0.91	3.83	1.68	0.04
831058	Pulp	0.18	91	92.1	<10	<2	1.13	<0.01	30.54	3.12	<0.01	16.88	0.16	0.91	3.49	1.62	0.10
831059	Pulp	0.75	41	148.4	<10	<2	1.49	0.01	28.92	3.54	0.67	15.54	0.18	0.92	4.96	6.39	0.08
831060	Pulp	0.30	14	47.6	29	<2	3.85	0.08	17.52	6.18	2.15	12.24	0.33	3.69	2.12	33.02	0.46
831061	Pulp	0.61	14	144.2	<10	<2	1.30	<0.01	28.81	2.76	0.58	17.93	0.18	0.92	3.24	2.35	0.08
831062	Pulp	0.58	14	150.0	<10	<2	1.33	<0.01	29.35	2.98	0.54	17.45	0.18	0.95	3.44	2.15	0.09
831063	Pulp	0.08	<4	50.8	<10	<2	2.47	0.01	23.74	4.33	0.82	16.39	0.26	1.08	0.61	14.45	0.18
831064	Pulp	0.05	<4	24.1	<10	<2	4.33	0.05	12.16	6.77	1.63	12.35	0.32	5.47	1.62	43.54	0.54
831065	Pulp	0.12	<4	31.9	36	<2	3.87	0.16	15.96	6.20	1.69	10.78	0.35	5.04	1.73	38.68	0.52
831066	Pulp	0.04	<4	30.2	41	<2	3.95	0.13	14.33	6.56	1.33	9.33	0.39	5.57	1.39	43.03	0.51
831067	Pulp	0.04	<4	56.3	29	<2	3.96	0.06	9.64	7.10	1.13	9.47	0.37	6.92	1.18	51.86	0.58
831068	Pulp	0.05	<4	21.6	179	<2	4.78	0.07	16.17	5.05	1.14	8.26	0.34	6.60	1.28	43.43	0.47
831069	Pulp	0.33	<4	85.7	<10	<2	1.34	0.01	28.66	1.31	0.71	18.25	0.20	1.10	2.47	2.28	0.04
831070	Pulp	0.38	33	193.7	<10	<2	1.58	0.10	45.93	2.33	0.83	2.31	0.23	1.05	4.96	1.99	0.03
831071	Pulp	0.54	20	44.0	<10	<2	2.84	0.32	44.15	3.73	1.13	2.16	0.79	1.37	2.57	6.29	0.23
831072	Pulp	0.06	<4	16.5	66	<2	3.02	0.17	13.04	4.59	2.93	17.51	0.31	5.31	2.73	38.43	0.19
831073	Pulp	0.37	5	110.1	<10	<2	1.30	0.21	28.81	2.56	0.65	17.38	0.30	1.08	2.35	2.71	0.05
831074	Pulp	0.07	<4	19.1	93	<2	4.76	0.06	12.84	5.28	1.59	12.72	0.33	6.12	1.93	42.95	0.88
831075	Pulp	0.09	12	84.5	<10	<2	1.32	0.01	29.04	2.28	0.67	16.97	0.36	0.96	2.99	2.33	0.02
831076	Pulp	0.02	<4	19.3	88	<2	2.83	0.06	13.15	6.98	1.32	13.45	0.37	5.74	2.06	44.24	0.47
831077	Pulp	0.12	26	196.7	<10	<2	1.37	0.01	28.19	2.87	0.59	17.78	0.23	0.99	1.76	2.90	0.05
831078	Pulp	0.13	50	271.5	<10	<2	1.22	0.01	29.41	2.60	0.76	17.71	0.21	0.99	2.60	0.77	0.02
831079	Pulp	0.12	42	247.5	<10	<2	1.27	0.01	29.53	2.42	0.48	17.79	0.20	1.08	2.56	1.65	0.02
831080	Pulp	0.33	71	269.6	<10	<2	1.56	0.02	26.75	3.16	0.84	18.22	0.24	1.05	2.82	5.59	0.04
831081	Pulp	0.02	<4	33.1	13	<2	4.67	0.05	10.46	8.30	1.12	10.18	0.40	6.32	1.34	46.77	0.60
831082	Pulp	0.05	<4	36.5	<10	<2	4.39	0.03	16.88	4.51	1.69	12.94	0.24	1.69	2.43	33.62	0.43
230004	Pulp	<0.01	<4	20.3	<10	<2	14.74	0.11	3.60	2.98	4.25	1.34	0.09	4.99	0.18	65.51	0.37
RE 831050	Repeat	0.10	25	181.7	<10	<2	1.20	0.01	29.21	2.98	<0.01	18.05	0.46	1.08	2.50	1.03	0.04
RE 831069	Repeat	0.34	4	89.2	<10	<2	1.47	0.01	29.17	1.31	0.55	18.49	0.20	1.23	2.47	2.16	0.03
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205	Std iPL	0.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205 REF	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd **34 Samples** Print: Nov 05, 2007 Page 1 of 1
Project: 0708410 Ship# 34=Pulp 2=Repeat 1=Blk iPL 1=Std iPL [508315:33:27:70110507:0Th] Oct 29, 2007 Section 2 of 2

Sample Name	LOI %	Total %
831050	42.82	99.68
831051	42.57	99.84
831052	41.17	99.38
831053	1.55	97.58
831054	25.99	98.08
831055	42.25	99.51
831056	40.86	99.66
831057	41.72	99.27
831058	41.60	99.55
831059	36.47	99.15
831060	16.81	98.45
831061	41.12	99.27
831062	41.12	99.58
831063	34.35	98.72
831064	10.57	99.35
831065	13.55	98.54
831066	12.16	98.69
831067	6.37	98.63
831068	11.57	99.16
831069	43.06	99.42
831070	38.02	99.37
831071	32.56	98.14
831072	11.29	99.52
831073	42.34	99.75
831074	9.92	99.37
831075	42.45	99.39
831076	8.15	98.83
831077	42.59	99.34
831078	43.36	99.66
831079	42.72	99.74
831080	39.27	99.54
831081	8.49	98.69
831082	20.05	98.89
230004	1.21	99.38
RE 831050	42.91	99.46
RE 831069	42.25	99.34
Blank iPL	—	—
CCRMP_STD as Nb205	—	—
CCRMP_STD as Nb205 REF	—	—
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd — **32 Samples** — Print: Dec 06, 2007 In: Oct 31, 2007 [514516:57:34:70120607:002]

Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9120
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	32	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

32 Samples 32=Pulp 2=Repeat

Print: Dec 06, 2007 Page 1 of 1
[514516:57:34:70120607:0021] Oct 31, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	SiO2 %	TiO2 %
831083	Pulp	0.85	35	60.7	<10	<2	5.40	0.03	23.32	3.94	1.31	15.92	0.25	0.72	3.98	14.30	0.17
831084	Pulp	0.84	10	82.7	<10	<2	2.61	0.03	33.87	4.73	1.06	9.70	0.34	0.71	6.93	7.76	0.19
831085	Pulp	0.30	<4	36.7	<10	<2	1.57	0.02	32.99	3.79	1.01	12.66	0.40	0.65	2.91	4.56	0.06
831086	Pulp	1.42	13	76.8	<10	<2	3.63	0.03	29.95	7.25	1.49	9.09	0.37	0.72	8.45	10.73	0.28
831087	Pulp	0.89	10	57.1	<10	<2	3.75	0.03	32.65	7.11	1.51	4.61	0.36	0.68	5.53	14.12	0.28
831088	Pulp	1.60	52	79.4	<10	<2	12.37	0.07	20.64	14.20	0.90	1.36	1.13	0.70	7.75	22.09	0.55
831089	Pulp	0.74	15	37.4	<10	<2	3.00	0.02	30.27	4.56	1.43	12.42	0.58	0.71	4.10	7.51	0.13
831090	Pulp	0.45	<4	36.5	<10	<2	1.61	0.02	30.30	3.85	1.03	15.08	0.50	0.68	3.12	4.54	0.08
831091	Pulp	0.09	<4	22.0	<10	<2	0.79	0.01	31.02	2.32	0.97	17.39	0.56	0.69	3.44	0.53	0.01
831092	Pulp	0.13	<4	22.2	<10	<2	1.08	0.01	29.25	3.59	1.04	17.66	0.31	0.67	1.15	1.66	0.03
831093	Pulp	0.40	<4	30.5	<10	<2	1.11	0.01	30.56	5.88	0.87	15.73	0.29	0.71	3.77	1.00	0.12
831094	Pulp	0.10	<4	27.3	<10	<2	1.07	<0.01	29.69	4.25	0.80	17.51	0.21	0.66	2.09	0.90	0.06
831095	Pulp	0.33	<4	36.6	<10	<2	0.95	<0.01	30.10	4.02	0.93	17.11	0.32	0.70	3.38	0.71	0.04
831096	Pulp	0.42	<4	45.5	<10	<2	0.85	0.01	30.48	4.77	0.99	16.17	0.25	0.70	2.48	0.54	0.07
831097	Pulp	1.04	34	93.2	<10	<2	0.92	0.01	32.19	5.31	1.09	14.42	0.24	0.72	4.81	0.65	0.20
831098	Pulp	0.99	32	89.4	<10	<2	0.90	<0.01	31.69	4.92	1.03	15.49	0.21	0.71	4.57	0.82	0.23
831099	Pulp	1.07	52	90.2	<10	<2	0.91	0.01	30.10	6.18	0.82	16.76	0.22	0.67	4.84	0.75	0.25
831100	Pulp	1.12	53	94.3	<10	<2	0.91	0.01	32.01	5.17	0.76	15.06	0.32	0.72	6.99	1.50	0.19
831101	Pulp	0.89	55	103.5	<10	<2	0.99	0.01	29.14	8.31	0.68	15.62	0.26	0.69	4.59	1.50	0.18
831102	Pulp	0.65	34	73.6	<10	<2	0.89	<0.01	30.49	4.37	0.88	16.75	0.23	0.68	4.18	0.80	0.19
831103	Pulp	0.60	<4	79.0	<10	<2	0.96	0.02	29.76	4.56	1.10	17.03	0.20	0.71	3.89	1.29	0.13
831104	Pulp	2.61	42	58.3	<10	<2	1.23	0.01	31.97	4.39	0.38	16.40	0.22	0.73	4.69	1.34	0.14
831105	Pulp	0.56	42	104.0	<10	<2	0.94	0.01	29.77	4.15	0.80	17.82	0.25	0.71	2.96	0.64	0.12
831106	Pulp	0.46	54	103.1	<10	<2	0.90	0.01	30.15	3.84	0.62	17.77	0.23	0.70	2.83	0.53	0.11
831107	Pulp	0.69	119	165.4	<10	<2	0.93	0.01	30.84	4.22	0.77	16.98	0.24	0.72	4.38	0.53	0.19
831108	Pulp	0.44	164	131.8	<10	<2	1.04	0.01	30.68	3.97	0.76	16.89	0.23	0.73	4.60	0.99	0.12
831109	Pulp	0.03	10	23.8	<10	<2	0.93	<0.01	29.29	2.62	0.65	18.65	0.26	0.70	1.81	0.52	0.02
831110	Pulp	0.04	<4	28.9	<10	<2	0.93	<0.01	29.25	2.87	0.72	18.29	0.38	0.70	1.43	0.57	0.02
831111	Pulp	0.11	79	90.7	<10	<2	0.91	<0.01	30.22	3.79	0.92	17.21	0.30	0.72	3.49	0.54	0.07
831112	Pulp	0.52	19	40.6	<10	<2	2.61	0.32	44.89	3.67	1.50	2.24	0.77	1.15	2.58	6.17	0.22
831113	Pulp	0.17	13	28.1	<10	<2	0.91	0.01	30.43	2.18	0.83	17.80	0.43	0.75	3.47	0.61	0.03
230005	Pulp	<0.01	<4	16.1	<10	<2	14.05	0.11	3.57	2.88	4.31	1.21	0.09	4.51	0.21	66.29	0.36
RE 831083	Repeat	0.86	35	55.3	<10	<2	5.34	0.02	22.85	3.84	1.43	15.93	0.24	0.75	3.89	14.08	0.15
RE 831102	Repeat	0.69	38	69.6	<10	<2	0.97	<0.01	30.35	4.55	0.75	16.89	0.23	0.75	4.06	0.83	0.19
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

32 Samples

32=Pulp 2=Repeat

Print: Dec 06, 2007 Page 1 of 1
[514516:57:34:70120607:0012] Oct 31, 2007 Section 2 of 2

Sample Name	LOI %	Total %
831083	30.01	99.34
831084	31.49	99.44
831085	39.04	99.67
831086	27.03	99.01
831087	27.72	98.36
831088	17.51	99.27
831089	35.10	99.82
831090	38.78	99.60
831091	41.77	99.50
831092	43.01	99.46
831093	39.18	99.23
831094	42.60	99.83
831095	41.45	99.72
831096	42.26	99.56
831097	38.28	98.85
831098	38.92	99.50
831099	38.09	99.60
831100	35.81	99.44
831101	37.26	99.22
831102	39.90	99.36
831103	40.20	99.83
831104	36.99	98.49
831105	41.49	99.65
831106	42.06	99.73
831107	39.90	99.69
831108	39.83	99.83
831109	44.09	99.54
831110	44.34	99.48
831111	41.46	99.64
831112	32.38	98.50
831113	41.41	98.88
230005	0.97	98.57
RE 831083	29.86	98.39
RE 831102	39.84	99.40
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

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Process Research Associates Ltd — **32 Samples** — Print: Dec 06, 2007 In: Nov 01, 2007 [517116:58:54:70120607:003]

Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9128
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	32	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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Att: Boja Grcic
Ph:604/272-8110
Em:bojagrcic@pralab.com

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb205 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al203 by Whole Rock	Al203	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe203 by Whole Rock	Fe203	0.01	100.00
10	0403	WRock	%	K20 by Whole Rock	K20	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na20 by Whole Rock	Na20	0.01	100.00
14	0411	WRock	%	P205 by Whole Rock	P205	0.01	100.00
15	0401	WRock	%	Si02 by Whole Rock	Si02	0.01	100.00
16	0407	WRock	%	Ti02 by Whole Rock	Ti02	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd **32 Samples** Print: Dec 06, 2007 Page 1 of 1
Project: 0708410 Ship# 32=Pulp 2=Repeat [517116:58:54:70120607:0013] Nov 01, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831114	Pulp	0.01	<4	33.8	<10	<2	2.38	0.01	27.43	5.50	<0.01	16.28	0.21	1.31	2.69	3.31	0.41
831115	Pulp	<0.01	<4	36.7	<10	<2	1.51	<0.01	30.70	3.66	<0.01	15.21	0.21	1.34	4.49	2.37	0.13
831116	Pulp	<0.01	<4	42.7	<10	<2	1.48	<0.01	30.66	3.20	<0.01	14.40	0.20	1.36	5.92	3.55	0.16
831117	Pulp	0.01	<4	53.3	<10	<2	1.89	0.01	32.20	6.98	<0.01	11.29	0.22	1.35	5.05	4.13	0.47
831118	Pulp	<0.01	<4	38.4	<10	<2	1.72	<0.01	30.42	2.71	<0.01	16.70	0.13	1.41	5.42	1.36	0.08
831119	Pulp	<0.01	<4	40.9	<10	<2	1.60	<0.01	30.44	2.76	<0.01	14.97	0.14	1.37	5.71	3.27	0.17
831120	Pulp	<0.01	<4	50.0	<10	<2	1.58	<0.01	30.86	3.76	<0.01	13.71	0.17	1.42	6.43	3.81	0.27
831121	Pulp	0.01	<4	68.0	<10	<2	1.61	0.01	32.33	4.33	<0.01	12.64	0.23	1.43	7.19	4.05	0.22
831122	Pulp	0.01	<4	64.4	<10	<2	1.55	0.01	33.60	3.84	<0.01	11.57	0.20	1.43	6.76	3.18	0.17
831123	Pulp	<0.01	<4	45.7	<10	<2	1.70	0.01	32.41	3.74	<0.01	13.09	0.23	1.47	5.35	2.80	0.15
831124	Pulp	<0.01	<4	71.0	<10	<2	1.79	0.04	40.14	6.96	<0.01	5.85	0.23	1.56	6.93	4.34	0.29
831125	Pulp	<0.01	<4	40.2	<10	<2	1.99	0.05	45.29	3.56	<0.01	3.23	0.18	1.58	4.65	2.55	0.13
831126	Pulp	<0.01	<4	30.1	<10	<2	1.86	0.01	31.62	2.32	<0.01	15.05	0.23	1.46	4.22	1.68	0.12
831127	Pulp	<0.01	<4	85.2	<10	<2	1.81	0.05	39.11	7.71	<0.01	6.22	0.25	1.53	8.20	4.28	0.34
831128	Pulp	<0.01	<4	92.6	<10	<2	1.83	0.04	40.84	7.46	<0.01	5.09	0.21	1.53	8.98	4.41	0.33
831129	Pulp	<0.01	<4	73.2	<10	<2	1.75	0.01	35.40	4.55	<0.01	10.60	0.22	1.44	7.67	2.39	0.27
831130	Pulp	<0.01	<4	70.3	<10	<2	1.58	0.01	29.98	5.79	<0.01	13.59	0.26	1.46	8.53	4.12	0.28
831131	Pulp	<0.01	<4	60.5	<10	<2	1.55	0.01	29.85	5.32	<0.01	12.86	0.26	1.42	6.53	5.42	0.21
831132	Pulp	0.08	<4	21.5	<10	<2	1.54	0.01	30.47	2.27	<0.01	16.41	0.55	1.46	3.47	0.49	0.01
831133	Pulp	<0.01	<4	47.5	<10	<2	1.71	0.01	33.74	4.27	<0.01	12.23	0.22	1.46	5.71	1.92	0.21
831134	Pulp	0.02	6	134.0	<10	<2	1.58	0.01	25.25	2.45	<0.01	11.10	0.18	1.48	6.48	21.98	0.13
831135	Pulp	0.01	<4	50.1	<10	<2	1.60	<0.01	31.27	3.79	<0.01	14.49	0.22	1.41	6.24	1.46	0.22
831136	Pulp	0.01	<4	87.3	<10	<2	1.75	0.02	33.78	8.37	0.36	9.33	0.35	1.47	12.04	3.46	0.40
831137	Pulp	<0.01	<4	52.0	<10	<2	1.63	0.01	30.48	5.38	0.41	13.94	0.33	1.49	6.51	1.43	0.25
831138	Pulp	<0.01	<4	54.2	<10	<2	1.75	0.01	32.99	5.30	<0.01	12.08	0.21	1.53	6.57	1.36	0.21
831139	Pulp	<0.01	<4	41.2	<10	<2	1.66	0.01	30.27	3.58	<0.01	13.59	0.23	1.50	6.54	6.27	0.17
831140	Pulp	0.01	<4	64.8	<10	<2	2.12	0.02	31.15	6.39	<0.01	12.93	0.32	1.61	7.87	2.34	0.24
831141	Pulp	0.01	<4	39.1	<10	<2	2.09	0.01	34.52	4.89	<0.01	11.70	0.20	1.51	4.78	1.31	0.22
831142	Pulp	0.01	<4	32.4	<10	<2	1.76	<0.01	29.36	2.94	<0.01	16.70	0.25	1.45	3.55	0.71	0.07
831143	Pulp	0.04	<4	52.6	<10	<2	2.62	0.02	30.09	4.78	<0.01	13.72	0.36	1.64	5.65	4.65	0.16
831144	Pulp	0.01	<4	31.0	<10	<2	2.02	0.01	29.58	2.64	<0.01	16.92	0.17	1.51	4.44	1.31	0.07
230006	Pulp	<0.01	<4	12.4	<10	<2	14.72	0.11	3.71	2.87	3.94	1.16	0.09	5.89	0.16	64.44	0.36
RE 831114	Repeat	0.01	<4	39.2	<10	<2	2.58	<0.01	27.35	5.65	<0.01	15.67	0.21	1.54	2.62	3.33	0.42
RE 831133	Repeat	<0.01	<4	50.8	<10	<2	1.79	0.01	33.33	4.22	<0.01	12.34	0.22	1.58	5.60	1.91	0.20
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

32 Samples

32=Pulp 2=Repeat

Print: Dec 06, 2007
[517116:58:54:70120607:003] Nov 01, 2007

Sample Name	LOI %	Total %
831114	40.00	99.52
831115	40.08	99.71
831116	38.48	99.40
831117	35.88	99.45
831118	39.59	99.55
831119	39.28	99.72
831120	37.07	99.08
831121	35.68	99.72
831122	36.58	98.87
831123	38.19	99.15
831124	30.61	98.74
831125	36.54	99.76
831126	41.14	99.69
831127	29.31	98.81
831128	28.49	99.19
831129	35.38	99.69
831130	33.64	99.23
831131	35.85	99.27
831132	42.91	99.59
831133	38.12	99.61
831134	28.29	98.93
831135	38.66	99.36
831136	28.40	99.72
831137	37.39	99.25
831138	37.61	99.62
831139	36.01	99.83
831140	33.87	98.86
831141	38.39	99.63
831142	42.86	99.67
831143	35.64	99.33
831144	40.85	99.50
230006	2.12	99.57
RE 831114	39.98	99.36
RE 831133	37.91	99.11
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9144
Comment:

20 Samples Print: Nov 02, 2007 In: Nov 02, 2007 [523416:59:14:70110207:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	20	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Ta

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000

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BC Certified Assayers: David Chiu, Ron Williams

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Client : Process Research Associates Ltd **20 Samples**
Project: 0708410 Ship# 20=Pulp 2=Repeat

Print: Nov 02, 2007 Page 1 of 1
[523416:59:14:70110207:0] Nov 02, 2007 Section 1 of 1

Sample Name	Type	Ta ppm
831000	Pulp	27
831001	Pulp	96
831002	Pulp	50
831003	Pulp	87
831004	Pulp	83
831005	Pulp	79
831006	Pulp	67
831007	Pulp	126
831008	Pulp	114
831009	Pulp	81
831010	Pulp	105
831011	Pulp	<4
831012	Pulp	99
831013	Pulp	188
831014	Pulp	127
831015	Pulp	166
831016	Pulp	137
831017	Pulp	85
831018	Pulp	124
831019	Pulp	82
RE 831000	Repeat	33
RE 831019	Repeat	84

Minimum Detection 4
Maximum Detection 10000
Method ICPM

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9155
Comment:

57 Samples Print: Dec 06, 2007 In: Nov 06, 2007 [527116:58:24:70120607:002]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	57	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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Client : Process Research Associates Ltd **57 Samples** Print: Dec 06, 2007 Page 1 of 2
Project: 0708410 Ship# 57=Pulp 3=Repeat [527116:58:24:70120607:0012] Nov 06, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831145	Pulp	0.12	<4	47.8	<10	<2	1.74	0.07	27.86	4.22	1.00	15.55	0.31	0.96	2.14	4.84	0.09
831146	Pulp	0.47	<4	44.6	<10	<2	0.97	0.02	30.83	4.19	0.64	15.83	0.37	0.89	4.77	0.65	0.05
831147	Pulp	0.89	<4	36.3	<10	<2	1.00	0.01	30.63	4.56	0.50	16.06	0.35	0.91	4.26	0.65	0.06
831148	Pulp	0.39	<4	38.0	<10	<2	0.96	0.01	30.02	5.20	0.62	16.09	0.61	0.90	4.34	0.90	0.05
831149	Pulp	0.44	<4	38.5	<10	<2	1.77	0.01	25.25	6.41	0.62	15.50	0.35	0.96	2.98	9.16	0.12
831150	Pulp	0.16	<4	39.6	<10	<2	1.85	0.01	26.10	4.67	1.00	15.92	0.55	0.94	2.77	7.99	0.16
831151	Pulp	0.14	<4	27.0	<10	<2	1.48	0.01	27.10	5.38	0.55	16.11	0.49	0.92	2.89	6.54	0.08
831152	Pulp	0.53	15	38.5	<10	<2	2.85	0.34	43.61	4.11	1.21	2.32	0.85	1.39	2.75	6.51	0.25
831153	Pulp	0.44	<4	37.0	<10	<2	1.64	0.01	25.59	5.59	0.63	14.76	0.50	0.92	3.20	11.42	0.09
831154	Pulp	0.14	<4	19.7	<10	<2	2.01	0.02	18.65	8.58	1.57	12.39	0.35	3.97	2.40	31.10	0.22
831155	Pulp	0.30	<4	26.2	<10	<2	1.95	0.02	29.83	5.48	1.53	12.33	0.57	1.56	2.62	10.28	0.11
831156	Pulp	0.43	<4	22.6	<10	<2	1.75	0.03	32.05	4.23	1.29	10.68	0.53	1.65	3.17	10.43	0.08
831157	Pulp	0.11	<4	39.3	<10	<2	2.40	0.03	27.78	5.39	2.25	12.02	0.52	2.15	2.81	12.79	0.12
831158	Pulp	0.14	<4	30.9	<10	<2	1.42	0.03	32.20	3.70	1.26	11.95	0.61	1.22	2.74	6.62	0.05
831159	Pulp	1.04	<4	27.2	<10	<2	1.29	0.02	34.93	4.16	0.60	10.96	0.42	1.05	4.78	4.56	0.09
831160	Pulp	0.48	<4	47.7	<10	<2	1.30	0.01	28.78	4.17	1.10	16.68	0.44	0.98	3.70	3.04	0.07
831161	Pulp	0.37	<4	82.8	<10	<2	1.44	<0.01	26.59	4.44	0.71	16.22	0.24	0.99	3.00	6.70	0.07
831162	Pulp	0.29	<4	106.3	<10	<2	1.33	0.01	28.16	4.01	0.58	17.34	0.24	0.95	2.77	3.06	0.03
831163	Pulp	0.34	5	144.5	<10	<2	1.50	0.01	30.10	4.18	1.15	15.63	0.26	0.98	3.85	3.16	0.05
831164	Pulp	0.56	<4	113.5	<10	<2	1.14	0.01	29.79	4.22	0.62	16.63	0.25	0.98	3.76	1.03	0.04
831165	Pulp	0.55	27	185.6	<10	<2	1.23	0.01	29.77	3.91	0.86	16.75	0.24	0.97	4.78	1.21	0.04
831166	Pulp	0.16	11	130.7	<10	<2	1.09	0.01	28.55	4.07	0.63	16.68	0.23	0.95	3.65	3.13	0.03
831167	Pulp	0.31	21	145.4	<10	<2	1.17	0.01	29.70	4.12	0.44	16.64	0.23	0.96	4.05	1.91	0.02
831168	Pulp	0.54	58	194.0	<10	<2	1.21	0.01	30.14	3.78	0.83	16.17	0.22	0.97	5.20	0.98	0.04
831169	Pulp	0.01	<4	20.3	<10	<2	16.10	0.12	4.07	3.36	4.67	1.48	0.10	5.14	0.27	62.55	0.40
831170	Pulp	0.42	7	105.2	<10	<2	1.23	0.01	29.86	2.85	0.35	16.51	0.21	0.97	5.16	2.49	0.02
831171	Pulp	0.48	<4	123.6	<10	<2	1.18	0.01	29.57	3.17	0.62	16.48	0.21	1.00	4.90	3.95	0.03
831172	Pulp	0.09	<4	24.6	<10	<2	1.03	0.01	30.84	2.45	0.52	17.58	0.60	1.01	3.81	0.55	0.01
831173	Pulp	0.45	31	258.6	<10	<2	1.18	0.01	29.71	4.01	0.74	16.69	0.24	1.01	4.31	2.21	0.05
831174	Pulp	0.27	31	177.1	<10	<2	1.27	0.01	29.68	3.74	0.43	16.76	0.25	1.00	4.47	2.29	0.05
831175	Pulp	0.86	84	340.4	<10	<2	1.45	0.01	31.96	3.49	<0.01	14.87	0.21	0.99	8.93	3.61	0.08
831176	Pulp	0.71	<4	147.5	<10	<2	1.32	0.01	28.81	3.38	0.42	16.26	0.20	1.00	5.43	6.12	0.09
831177	Pulp	0.30	17	116.3	<10	<2	1.67	0.01	27.49	2.68	0.41	17.05	0.21	0.95	3.62	7.29	0.05
831178	Pulp	0.26	17	87.9	<10	<2	4.02	0.01	24.62	2.40	0.72	19.63	0.20	0.96	3.52	7.94	0.09
831179	Pulp	0.41	63	172.0	<10	<2	1.24	0.01	28.95	2.15	0.75	18.35	0.21	1.27	3.51	1.54	0.04
831180	Pulp	0.35	54	159.7	<10	<2	1.40	0.01	29.29	2.89	0.37	17.38	0.21	1.04	3.70	2.23	0.04
831181	Pulp	0.17	16	98.0	<10	<2	1.31	0.01	29.72	3.62	0.68	16.88	0.28	0.92	2.71	1.27	0.03
831182	Pulp	0.64	14	132.2	<10	<2	2.22	0.01	27.78	4.64	0.79	16.53	0.25	1.28	4.55	4.59	0.11
831183	Pulp	0.14	<4	51.8	<10	<2	1.29	0.02	29.90	2.30	0.82	16.94	0.46	1.26	3.88	0.95	0.02
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

57 Samples 57=Pulp 3=Repeat

Print: Dec 06, 2007 Page 1 of 2
[527116:58:24:70120607:0012] Nov 06, 2007 Section 2 of 2

Sample Name	LOI %	Total %
831145	39.67	98.46
831146	40.12	99.34
831147	40.10	99.08
831148	39.64	99.32
831149	35.06	98.19
831150	37.11	99.07
831151	36.48	98.01
831152	31.94	98.14
831153	33.79	98.13
831154	17.15	98.40
831155	32.40	98.69
831156	32.44	98.33
831157	30.06	98.32
831158	36.64	98.45
831159	35.36	98.22
831160	39.37	99.64
831161	39.22	99.62
831162	40.85	99.32
831163	38.90	99.78
831164	40.69	99.14
831165	39.48	99.24
831166	39.96	98.98
831167	40.17	99.43
831168	39.76	99.30
831169	1.29	99.56
831170	39.70	99.36
831171	38.38	99.51
831172	41.46	99.86
831173	39.54	99.68
831174	39.78	99.72
831175	33.75	99.36
831176	36.29	99.34
831177	37.93	99.36
831178	35.55	99.66
831179	41.72	99.74
831180	40.67	99.23
831181	42.15	99.57
831182	36.76	99.50
831183	41.35	99.18
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

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Project: 0708410 Ship#

57 Samples 57=Pulp 3=Repeat

Print: Dec 06, 2007 Page 2 of 2
[527116:58:24:70120607:0012] Nov 06, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831184	Pulp	0.08	<4	17.9	<10	<2	0.99	0.01	29.34	1.94	0.48	18.58	0.56	1.22	1.88	0.39	0.04
831185	Pulp	0.09	<4	22.3	<10	<2	1.01	0.01	30.87	2.12	0.42	17.79	0.52	0.97	4.17	0.44	0.01
831186	Pulp	0.11	<4	31.0	<10	<2	0.98	0.01	29.57	2.48	0.64	17.97	0.51	0.99	3.27	0.74	0.01
831187	Pulp	0.07	<4	25.4	<10	<2	0.99	0.01	29.20	2.35	0.81	18.30	0.55	1.02	2.27	0.31	0.01
831188	Pulp	0.10	11	75.1	<10	<2	1.08	0.01	30.10	2.89	0.50	17.36	0.34	0.94	3.59	0.47	0.02
831189	Pulp	0.31	23	92.5	<10	<2	1.08	<0.01	27.80	3.27	0.89	16.44	0.25	0.89	3.11	0.73	0.02
831190	Pulp	0.31	46	117.3	<10	<2	1.19	0.01	29.63	3.08	0.84	17.13	0.28	0.95	4.40	0.94	0.03
831191	Pulp	0.28	38	75.6	<10	<2	1.15	0.01	29.83	2.81	0.51	17.56	0.27	0.96	3.20	0.89	0.05
831192	Pulp	0.51	16	38.1	<10	<2	2.86	0.33	44.52	3.86	1.51	2.18	0.81	1.40	2.74	6.17	0.24
831193	Pulp	0.08	<4	37.3	<10	<2	1.24	0.02	33.26	2.11	0.69	14.97	0.51	0.94	2.47	1.14	0.02
831194	Pulp	0.61	17	91.2	<10	<2	1.28	0.02	31.80	2.95	0.79	15.53	0.18	0.94	4.87	1.39	0.04
831195	Pulp	0.39	12	115.0	<10	<2	1.23	0.01	31.31	3.19	<0.01	16.38	0.20	1.25	4.72	0.82	0.03
831196	Pulp	0.13	<4	31.4	<10	<2	3.99	0.02	18.62	5.33	2.52	15.29	0.22	1.46	2.75	28.98	0.18
831197	Pulp	0.15	<4	26.9	<10	<2	1.78	0.01	26.87	2.91	0.92	16.51	0.23	0.96	2.65	7.16	0.05
831198	Pulp	0.11	19	75.5	<10	<2	1.09	0.01	29.10	3.70	0.58	17.11	0.26	0.90	2.51	0.85	0.02
831199	Pulp	0.32	5	103.3	<10	<2	1.10	0.01	28.17	3.56	0.56	18.32	0.23	0.94	2.14	0.65	0.03
831200	Pulp	0.39	36	83.4	<10	<2	1.32	0.01	26.87	4.48	1.50	16.02	0.25	1.04	2.98	6.66	0.07
831201	Pulp	0.45	79	122.0	<10	<2	1.33	0.01	29.14	2.94	0.53	17.72	0.24	0.95	3.10	1.76	0.05
RE 831145	Repeat	0.12	<4	48.6	<10	<2	1.79	0.05	27.04	4.08	0.79	16.84	0.28	1.05	2.13	4.49	0.07
RE 831164	Repeat	0.56	<4	129.8	<10	<2	1.19	<0.01	28.90	4.04	0.61	17.65	0.24	0.99	3.59	1.01	0.03
RE 831184	Repeat	0.07	<4	18.4	<10	<2	1.00	0.01	28.71	1.89	0.97	19.03	0.56	1.05	1.84	0.40	0.04
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

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Project: 0708410 Ship#

57 Samples

57=Pulp 3=Repeat

Print: Dec 06, 2007
[527116:58:24:70120607:0012]: Nov 06, 2007

Sample Name	LOI %	Total %
831184	43.97	99.41
831185	41.30	99.63
831186	42.07	99.24
831187	43.34	99.15
831188	42.31	99.60
831189	45.14	99.64
831190	41.35	99.84
831191	42.64	99.89
831192	32.75	99.37
831193	42.30	99.65
831194	39.98	99.78
831195	40.63	99.77
831196	20.03	99.41
831197	39.43	99.46
831198	43.61	99.75
831199	44.00	99.72
831200	38.54	99.74
831201	42.02	99.79
RE 831145	40.16	98.77
RE 831164	41.21	99.47
RE 831184	44.06	99.55
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9184
Comment:

48 Samples Print: Nov 19, 2007 In: Nov 09, 2007 [534616:12:15:70111907:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	48	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
iPL 07K5346

ISO 9001:2000 CERTIFICATION Intertek
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Website www.ipl.ca

Client : Process Research Associates Ltd
Project: 0708410 Ship#

48 Samples 48=Pulp 3=Repeat

Print: Nov 19, 2007 Page 1 of 2
[534616:12:15:70111907:0Dh] Nov 09, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	SiO2 %	TiO2 %
831202	Pulp	0.16	<4	65.9	<10	<2	1.55	0.02	31.48	3.69	0.43	14.38	0.23	1.27	4.91	1.19	0.03
831203	Pulp	0.84	5	182.7	<10	<2	2.16	0.05	30.27	8.90	0.66	10.92	0.55	1.32	5.02	2.12	0.10
831204	Pulp	1.29	74	275.1	<10	<2	1.97	0.04	32.60	7.95	0.62	11.05	0.33	1.33	7.77	1.45	0.13
831205	Pulp	0.38	74	251.3	<10	<2	1.87	0.04	31.68	6.00	0.76	12.39	0.38	1.29	5.23	1.28	0.09
831206	Pulp	0.44	53	250.5	<10	<2	1.94	0.05	29.68	6.47	0.75	13.73	0.48	1.33	5.79	1.64	0.07
831207	Pulp	0.33	31	152.4	<10	<2	1.82	0.04	36.26	5.50	0.54	9.23	0.37	1.29	5.03	1.08	0.05
831208	Pulp	0.10	32	111.5	<10	<2	1.66	0.02	30.47	3.91	0.61	14.78	0.27	1.28	3.65	1.02	0.04
831209	Pulp	0.12	34	134.3	<10	<2	1.80	0.03	35.81	4.38	0.80	9.77	0.31	1.29	4.57	1.08	0.04
831210	Pulp	0.13	40	128.5	<10	<2	1.66	0.01	30.45	4.06	0.81	14.92	0.25	1.33	3.13	0.78	0.03
831211	Pulp	0.46	<4	113.9	<10	<2	3.40	0.02	29.01	5.30	0.79	11.73	0.39	1.90	3.04	7.12	0.13
831212	Pulp	0.44	9	92.6	<10	<2	1.57	0.01	31.37	4.45	<0.01	14.69	0.27	1.38	2.83	0.64	0.04
ST 831213	Pulp	0.09	<4	26.1	<10	<2	1.42	0.01	29.37	2.29	<0.01	16.86	0.56	1.30	3.48	0.48	0.01
831214	Pulp	0.58	22	158.3	<10	<2	1.76	0.02	34.35	4.18	<0.01	11.28	0.53	1.46	4.17	1.70	0.08
831215	Pulp	0.60	<4	87.7	<10	<2	1.63	0.03	36.44	4.90	0.57	10.78	0.38	1.27	4.50	0.75	0.13
831216	Pulp	0.48	<4	49.2	<10	<2	1.64	0.02	32.88	4.00	0.65	12.49	0.44	1.33	4.34	1.15	0.04
831217	Pulp	0.13	<4	24.6	<10	<2	1.53	0.02	33.11	3.21	<0.01	13.45	0.41	1.30	2.93	0.64	0.02
831218	Pulp	0.17	<4	62.0	<10	<2	1.60	0.02	30.23	3.68	0.50	14.84	0.47	1.29	3.73	1.51	0.07
831219	Pulp	0.40	<4	67.0	<10	<2	1.67	0.03	37.07	4.94	0.61	9.18	0.38	1.29	4.52	0.76	0.14
831220	Pulp	0.54	5	84.0	<10	<2	1.77	0.02	33.43	4.61	0.87	11.99	0.29	1.25	3.39	0.93	0.11
831221	Pulp	0.01	<4	26.6	<10	<2	15.03	0.11	4.19	3.02	4.23	1.46	0.10	5.42	0.17	63.69	0.38
831222	Pulp	1.28	5	51.9	<10	<2	1.87	0.02	32.99	4.03	0.83	11.17	0.30	1.38	5.92	4.28	0.10
DUP 831223	Pulp	0.47	<4	54.0	<10	<2	1.64	0.02	31.46	3.37	0.59	13.79	0.45	1.27	3.58	3.02	0.05
831224	Pulp	0.47	6	70.0	<10	<2	1.74	0.02	31.58	4.16	0.46	13.18	0.37	1.31	4.08	3.34	0.10
831225	Pulp	0.28	<4	44.5	<10	<2	1.53	0.02	30.17	4.90	0.37	14.75	0.27	1.30	2.22	1.24	0.07
831226	Pulp	0.34	<4	67.3	<10	<2	1.98	0.04	35.70	6.32	0.71	8.21	0.57	1.33	3.79	2.39	0.09
831227	Pulp	0.10	5	49.9	<10	<2	1.45	0.01	29.47	3.25	0.70	16.89	0.37	1.31	1.78	0.56	0.02
831228	Pulp	0.10	<4	47.7	<10	<2	1.82	0.03	36.51	4.33	0.70	9.71	0.60	1.32	2.72	1.30	0.05
831229	Pulp	0.38	<4	39.3	<10	<2	1.47	0.01	30.02	3.41	0.76	16.34	0.45	1.23	2.14	0.47	0.03
831230	Pulp	0.43	<4	66.1	<10	<2	2.00	0.04	35.39	5.12	1.07	9.41	0.58	1.30	4.21	2.25	0.10
831231	Pulp	0.11	<4	61.0	<10	<2	1.52	0.04	31.41	2.57	0.60	15.69	0.52	1.32	3.41	0.53	0.03
831232	Pulp	0.11	<4	65.1	<10	<2	1.68	0.05	30.77	3.99	<0.01	16.16	0.58	1.42	2.46	0.93	0.04
831233	Pulp	0.53	15	44.9	<10	<2	3.00	0.28	37.60	3.35	1.08	1.90	0.70	1.67	2.36	5.64	0.21
831234	Pulp	0.29	<4	150.4	<10	<2	2.39	0.05	33.05	5.76	0.86	10.79	0.67	1.48	3.42	3.32	0.10
831235	Pulp	0.54	12	110.0	<10	<2	2.52	0.04	30.89	5.72	0.56	12.82	0.53	1.50	3.16	3.50	0.13
831236	Pulp	0.37	10	88.2	<10	<2	2.02	0.04	31.90	4.69	0.81	12.37	0.64	1.45	3.77	2.08	0.08
831237	Pulp	0.40	<4	88.2	<10	<2	2.29	0.05	32.89	4.94	0.77	11.06	0.71	1.56	3.88	3.00	0.10
831238	Pulp	0.28	<4	54.9	<10	<2	2.09	0.03	31.80	3.38	0.93	14.29	0.58	1.46	2.77	1.45	0.07
831239	Pulp	0.06	<4	21.2	<10	<2	1.51	0.01	29.75	1.62	1.00	17.06	0.52	1.36	2.78	0.32	0.01
831240	Pulp	0.06	<4	22.1	<10	<2	1.58	0.01	31.51	1.60	0.84	15.53	0.48	1.46	3.66	0.30	0.02
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

CERTIFICATE OF ANALYSIS
iPL 07K5346

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

48 Samples

48=Pulp 3=Repeat

Print: Nov 19, 2007
[534616:12:15:70111907:0Dh] Nov 09, 2007

Sample Name	LOI %	Total %
831202	40.23	99.42
831203	36.07	98.13
831204	34.04	99.28
831205	38.37	99.38
831206	37.74	99.68
831207	37.91	99.12
831208	41.49	99.19
831209	39.01	98.89
831210	41.87	99.31
831211	36.28	99.12
831212	41.88	99.14
ST 831213	42.50	98.28
831214	39.13	98.66
831215	37.47	98.84
831216	39.93	98.91
831217	42.65	99.27
831218	41.51	99.44
831219	38.72	99.31
831220	40.61	99.27
831221	2.02	99.83
831222	36.10	98.99
DUP 831223	40.16	99.38
831224	38.85	99.20
831225	42.53	99.36
831226	37.95	99.09
831227	43.89	99.71
831228	40.72	99.81
831229	43.26	99.59
831230	37.95	99.40
831231	41.67	99.30
831232	40.34	98.43
831233	41.94	99.74
831234	37.37	99.27
831235	38.01	99.38
831236	38.75	98.60
831237	37.59	98.84
831238	40.84	99.70
831239	43.45	99.40
831240	42.22	99.21
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Project: 0708410 Ship#

48 Samples

48=Pulp 3=Repeat

Print: Nov 19, 2007
[534616:12:15:70111907:0Dn]: Nov 09, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831241	Pulp	0.04	<4	121.5	<10	<2	1.90	0.04	35.21	2.58	0.43	11.67	0.57	1.42	3.54	1.21	0.06
831242	Pulp	0.43	<4	149.8	<10	<2	1.75	0.03	33.09	3.95	0.73	13.42	0.30	1.42	4.94	0.75	0.10
831243	Pulp	0.45	<4	63.4	<10	<2	1.68	0.02	30.01	4.16	0.69	14.96	0.38	1.41	3.86	1.54	0.09
831244	Pulp	0.32	<4	61.0	<10	<2	2.78	0.03	32.72	4.53	<0.01	11.11	0.31	1.50	2.55	5.72	0.12
831245	Pulp	0.29	7	58.5	<10	<2	2.26	0.02	33.49	2.82	0.50	12.23	0.36	1.33	2.79	1.84	0.16
831246	Pulp	0.04	<4	14.1	<10	<2	1.54	0.01	30.31	1.64	0.36	16.40	0.50	1.37	1.85	0.39	0.05
831247	Pulp	0.16	<4	78.3	<10	<2	1.59	0.01	32.04	3.58	0.45	13.78	0.40	1.41	4.40	0.43	0.05
831248	Pulp	0.40	29	96.7	<10	<2	1.98	0.02	34.76	4.19	0.56	11.48	0.25	1.42	3.15	1.51	0.07
831249	Pulp	0.52	40	99.2	<10	<2	2.23	0.03	35.60	4.37	0.56	10.48	0.27	1.43	3.34	2.16	0.14
RE 831202	Repeat	0.16	<4	66.1	<10	<2	1.72	0.01	31.80	3.70	0.74	13.85	0.23	1.41	4.95	1.11	0.02
RE 831221	Repeat	0.01	<4	26.2	<10	<2	14.56	0.11	4.21	2.99	4.49	1.49	0.10	5.56	0.29	62.06	0.38
RE 831241	Repeat	0.04	<4	118.2	<10	<2	1.92	0.03	35.00	2.54	<0.01	11.65	0.55	1.42	3.54	1.49	0.04
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

48 Samples

48=Pulp 3=Repeat

Print: Nov 19, 2007
[534616:12:15:70111907:0Ch] Nov 09, 2007

Sample Name	LOI %	Total %
831241	40.47	99.10
831242	39.03	99.51
831243	40.43	99.24
831244	37.76	99.14
831245	40.61	98.41
831246	43.80	98.22
831247	40.13	98.26
831248	39.95	99.34
831249	38.89	99.49
RE 831202	39.68	99.21
RE 831221	2.06	98.29
RE 831241	40.58	98.75
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9196
Comment:

44 Samples Print: Nov 24, 2007 In: Nov 13, 2007 [537815:57:07:70112407:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	44	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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EN	RT	CC	IN	FX
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DL	3D	EM	BT	BL
0	0	1	1	0

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Project: 0708410 Ship#

44 Samples 44=Pulp 3=Repeat

Print: Nov 24, 2007
[537815:57:07:70112407:0Th] Nov 13, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831250	Pulp	0.10	<4	58.5	<10	<2	0.75	0.01	31.54	3.78	0.51	16.24	0.60	0.63	2.44	0.78	0.04
831251	Pulp	0.53	37	118.5	<10	<2	0.95	0.02	31.74	4.96	0.72	14.00	0.31	0.61	4.55	2.86	0.15
831252	Pulp	0.28	16	110.8	<10	<2	0.87	0.01	31.17	4.92	0.83	15.03	0.27	0.64	3.73	3.17	0.20
ST831253	Pulp	0.09	<4	31.1	<10	<2	0.76	0.01	31.45	2.38	<0.01	17.90	0.58	0.68	3.66	0.51	0.01
831254	Pulp	0.11	7	79.2	<10	<2	0.92	0.02	30.44	3.50	<0.01	17.01	0.39	0.64	4.07	1.78	0.13
831255	Pulp	0.45	28	168.6	<10	<2	0.92	<0.01	30.70	4.02	0.56	16.09	0.26	0.69	4.95	1.89	0.15
831256	Pulp	0.78	56	167.7	<10	<2	1.05	0.01	29.67	7.27	0.65	15.55	0.21	0.71	5.47	3.79	0.43
831257	Pulp	0.52	39	99.4	<10	<2	0.99	0.01	30.93	3.93	0.53	16.44	0.33	0.70	5.12	2.63	0.12
831258	Pulp	<0.01	<4	32.7	<10	<2	15.24	0.11	3.82	3.08	4.22	1.27	0.10	4.23	0.15	66.17	0.38
831259	Pulp	0.73	45	117.1	<10	<2	1.01	0.02	31.50	2.53	0.65	17.20	0.29	0.72	3.62	1.76	0.10
831260	Pulp	0.56	24	107.7	<10	<2	0.81	0.01	30.30	3.37	0.55	17.20	0.31	0.71	2.77	2.83	0.13
831261	Pulp	0.47	18	83.4	<10	<2	0.81	<0.01	30.01	3.38	0.66	17.19	0.30	0.71	3.06	3.55	0.11
831262	Pulp	0.58	26	99.9	<10	<2	0.85	0.01	30.56	3.05	0.54	17.59	0.30	0.74	3.49	2.72	0.11
DUP831263	Pulp	0.35	13	78.1	<10	<2	0.84	0.01	31.25	3.26	0.49	18.50	0.32	0.74	2.69	0.87	0.09
831264	Pulp	0.64	49	157.4	<10	<2	0.97	0.01	30.24	4.57	0.51	16.20	0.26	0.75	4.75	3.57	0.08
831265	Pulp	0.93	119	367.6	<10	<2	1.20	0.02	29.02	10.21	0.61	14.26	0.34	0.78	4.63	2.48	0.76
831266	Pulp	0.27	24	139.1	<10	<2	0.89	0.02	28.59	5.00	0.82	17.58	0.34	0.79	2.97	1.86	0.23
831267	Pulp	0.11	16	78.7	<10	<2	0.88	0.01	29.69	3.18	0.56	18.22	0.26	0.81	1.27	1.89	0.10
831268	Pulp	0.33	14	138.6	<10	<2	1.01	0.01	27.40	7.37	0.66	16.69	0.23	0.84	2.31	1.68	0.25
831269	Pulp	0.31	14	96.3	<10	<2	0.89	0.01	30.01	3.69	0.72	17.64	0.25	0.87	2.51	1.37	0.14
831270	Pulp	0.26	13	89.6	<10	<2	0.92	0.01	30.08	3.70	0.39	17.70	0.23	0.85	2.21	1.07	0.12
831271	Pulp	0.44	31	81.6	<10	<2	0.99	0.01	29.82	4.43	<0.01	18.10	0.22	0.87	3.44	1.88	0.18
831272	Pulp	0.51	21	87.4	<10	<2	0.98	<0.01	30.23	4.02	0.53	17.08	0.25	0.92	3.27	3.53	0.19
831273	Pulp	0.09	<4	29.4	<10	<2	0.85	0.01	31.57	2.33	0.57	17.76	0.57	0.93	3.63	0.50	0.01
831274	Pulp	0.84	36	87.8	<10	<2	1.05	<0.01	30.58	3.38	0.86	17.24	0.27	0.94	3.28	2.04	0.10
831275	Pulp	0.54	23	98.4	<10	<2	0.94	0.01	30.22	3.60	0.66	18.13	0.25	0.98	3.15	0.68	0.06
831276	Pulp	0.67	7	64.3	<10	<2	0.95	<0.01	29.68	3.21	0.68	17.60	0.22	1.04	3.63	1.29	0.06
831277	Pulp	0.47	21	89.9	<10	<2	0.96	0.01	31.01	2.34	0.58	18.26	0.25	1.02	3.45	0.68	0.07
831278	Pulp	0.27	37	136.5	<10	<2	1.11	0.01	31.57	2.74	0.71	16.90	0.29	1.02	3.27	2.14	0.07
831279	Pulp	0.13	142	209.6	<10	<2	1.11	0.03	38.37	6.29	0.84	9.31	0.27	1.09	5.76	3.09	0.21
831280	Pulp	0.10	142	138.1	<10	<2	1.12	0.03	38.87	4.29	0.81	10.26	0.29	1.02	5.05	2.05	0.18
831281	Pulp	0.06	85	172.4	<10	<2	1.05	0.01	33.66	3.99	0.55	15.02	0.26	1.03	4.02	1.09	0.13
831282	Pulp	0.07	93	222.1	<10	<2	1.08	0.01	32.27	4.50	<0.01	15.32	0.23	1.00	4.10	3.08	0.16
831283	Pulp	0.09	141	269.1	<10	<2	1.02	0.01	31.04	3.71	1.00	15.09	0.27	1.16	5.08	4.00	0.10
831284	Pulp	0.04	50	69.4	<10	<2	1.06	0.01	28.88	2.50	0.59	15.02	0.25	1.16	3.53	10.80	0.13
831285	Pulp	0.06	39	79.6	<10	<2	2.44	0.03	30.68	3.34	0.72	13.04	0.26	1.11	5.09	12.84	0.15
831286	Pulp	0.04	6	50.3	<10	<2	2.05	0.06	43.59	3.74	0.63	3.50	0.32	1.74	5.05	7.10	0.15
831287	Pulp	0.10	56	120.5	<10	<2	1.86	0.06	42.60	6.83	0.76	2.57	0.24	1.93	5.06	6.23	0.34
831288	Pulp	0.04	46	76.0	<10	<2	1.17	0.01	34.84	4.14	0.73	12.59	0.30	1.22	4.02	2.48	0.18
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Client : Process Research Associates Ltd
Project: 0708410

44 Samples

Ship#

44=Pulp 3=Repeat

Print: Nov 24, 2007
[537815:57:07:70112407:0Dh] Nov 13, 2007

Sample Name	LOI %	Total %
831250	42.63	99.93
831251	38.18	99.06
831252	39.12	99.96
ST831253	42.01	99.96
831254	40.76	99.65
831255	39.70	99.93
831256	35.03	99.84
831257	37.99	99.72
831258	1.19	99.95
831259	40.51	99.92
831260	41.01	99.99
831261	40.10	99.90
831262	40.00	99.97
DUP831263	40.92	99.98
831264	38.06	99.98
831265	35.59	99.91
831266	40.55	99.62
831267	42.90	99.78
831268	41.08	99.53
831269	41.83	99.93
831270	42.53	99.81
831271	40.04	99.97
831272	39.00	100.00
831273	41.16	99.90
831274	40.09	99.85
831275	41.10	99.77
831276	40.63	98.98
831277	41.09	99.71
831278	40.05	99.88
831279	33.62	99.99
831280	35.99	99.96
831281	39.15	99.97
831282	38.25	99.99
831283	37.50	99.98
831284	36.06	99.98
831285	30.24	99.93
831286	32.06	99.99
831287	31.50	99.98
831288	38.24	99.92
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

44 Samples 44=Pulp 3=Repeat

Print: Nov 24, 2007
[537815:57:07:70112407:0Dh] Nov 13, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831289	Pulp	0.09	131	97.4	<10	<2	1.25	0.04	44.03	5.05	0.72	5.17	0.33	1.34	5.09	2.25	0.22
831290	Pulp	0.08	119	73.0	<10	<2	1.36	0.05	44.83	5.44	0.97	4.85	0.32	1.32	4.82	2.84	0.22
831291	Pulp	0.07	118	98.0	<10	<2	1.35	0.06	46.07	5.45	0.87	3.90	0.30	1.36	5.07	2.23	0.20
831292	Pulp	0.04	73	91.2	<10	<2	1.33	0.05	47.53	6.35	0.97	1.91	0.23	1.27	5.01	1.28	0.23
ST831293	Pulp	0.09	<4	25.6	<10	<2	0.91	0.01	30.60	2.26	0.66	18.32	0.55	1.30	3.48	0.49	0.01
RE 831250	Repeat	0.10	<4	61.7	<10	<2	0.93	0.01	31.17	3.72	0.50	16.28	0.60	1.28	2.49	0.78	0.02
RE 831269	Repeat	0.31	17	91.8	<10	<2	0.97	0.01	29.78	3.73	0.65	17.84	0.26	1.26	2.45	1.37	0.14
RE 831289	Repeat	0.08	129	100.4	<10	<2	1.22	0.04	44.36	4.87	0.89	5.79	0.32	1.04	5.05	2.09	0.21
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410

44 Samples

Ship#

44=Pulp 3=Repeat

Print: Nov 24, 2007
[537815:57:07:70112407:0Ch] Nov 13, 2007

Sample Name	LOI %	Total %
831289	34.46	99.96
831290	33.00	100.00
831291	33.07	99.92
831292	33.74	99.90
ST831293	41.13	99.73
RE 831250	42.15	99.93
RE 831269	41.52	99.96
RE 831289	34.08	99.95
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9222
Comment:

53 Samples Print: Nov 24, 2007 In: Nov 16, 2007 [547415:55:32:70112407:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	53	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

53 Samples 53=Pulp 3=Repeat

Print: Nov 24, 2007 Page 1 of 2
[547415:55:32:70112407:0Th] Nov 16, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	SiO2 %	TiO2 %
831273	Pulp	0.51	22	35.5	<10	<2	2.79	0.31	45.85	3.59	1.18	2.05	0.75	1.53	2.52	6.33	0.22
831294	Pulp	0.59	21	43.0	<10	<2	2.89	0.07	23.44	4.40	1.55	4.29	0.36	2.55	2.19	21.62	0.14
831295	Pulp	0.73	17	20.1	<10	<2	1.53	0.06	47.75	3.12	0.48	2.34	0.38	1.88	2.98	4.90	0.06
831296	Pulp	0.46	4	19.0	<10	<2	1.85	0.07	41.55	4.96	0.61	3.12	0.41	2.32	2.35	8.47	0.11
831297	Pulp	0.64	44	79.6	<10	<2	1.15	0.02	30.02	4.14	0.45	16.20	0.33	1.38	3.14	2.95	0.12
831298	Pulp	0.95	72	143.2	<10	<2	1.18	0.03	31.34	5.03	0.72	14.37	0.30	1.39	5.68	3.53	0.17
831299	Pulp	0.39	50	61.2	<10	<2	1.09	0.01	29.31	3.10	0.78	17.38	0.29	1.28	3.44	2.14	0.10
831300	Pulp	0.39	109	116.9	<10	<2	1.16	0.02	28.95	4.36	0.42	17.70	0.28	1.34	3.36	1.89	0.12
831301	Pulp	0.31	144	155.6	<10	<2	1.25	0.03	29.13	4.58	0.73	16.18	0.33	1.26	4.64	2.68	0.16
831302	Pulp	0.50	38	49.4	<10	<2	1.07	0.01	30.14	3.89	0.51	16.02	0.33	1.36	3.51	1.94	0.07
831303	Pulp	0.46	49	56.9	<10	<2	1.05	0.01	29.62	3.22	0.61	16.32	0.28	1.46	4.11	3.04	0.08
831304	Pulp	0.51	21	41.0	<10	<2	2.77	0.31	44.46	3.60	1.20	2.10	0.75	1.80	2.59	6.31	0.22
831305	Pulp	0.52	86	85.9	<10	<2	1.08	0.01	29.33	3.23	0.79	16.85	0.26	1.30	4.00	2.16	0.07
831306	Pulp	0.30	38	45.2	<10	<2	1.25	0.01	28.86	3.24	0.56	17.65	0.27	1.31	2.52	3.05	0.07
831307	Pulp	0.38	8	56.6	<10	<2	1.79	0.03	41.30	2.71	0.66	4.53	0.31	1.57	3.19	8.57	0.08
831308	Pulp	0.28	5	22.3	<10	<2	3.03	0.05	25.28	4.10	2.02	8.65	0.37	4.94	2.36	28.42	0.17
831309	Pulp	0.43	14	53.0	<10	<2	1.99	0.05	38.55	3.15	1.22	5.58	0.27	2.03	3.50	12.57	0.10
831310	Pulp	0.46	13	36.5	<10	<2	1.41	0.06	49.17	2.15	0.40	2.40	0.26	1.40	3.14	2.44	0.05
831311	Pulp	0.39	12	36.6	<10	<2	1.79	0.09	43.01	2.92	1.05	3.77	0.30	2.10	2.64	9.22	0.07
831312	Pulp	0.31	8	50.7	<10	<2	3.04	0.08	24.57	4.60	1.73	9.69	0.38	2.70	2.26	25.36	0.15
831313	Pulp	0.35	15	35.6	<10	<2	2.51	0.06	32.55	4.28	1.46	7.37	0.33	2.25	3.10	19.00	0.12
DUP831314	Pulp	0.50	<4	46.7	<10	<2	1.43	0.05	42.25	5.76	0.74	5.34	0.37	1.30	3.78	4.72	0.08
831315	Pulp	0.16	60	62.6	<10	<2	1.33	0.01	30.84	4.01	0.48	13.63	0.30	1.45	3.39	5.25	0.10
831316	Pulp	0.16	81	66.6	<10	<2	1.12	0.01	29.05	2.52	<0.01	17.89	0.25	1.34	2.89	2.86	0.05
831317	Pulp	0.38	146	99.9	<10	<2	1.21	0.01	29.97	2.77	0.41	17.12	0.24	1.36	4.60	2.73	0.06
831318	Pulp	0.11	52	61.8	<10	<2	1.11	0.01	29.03	3.31	<0.01	18.33	0.24	1.29	2.56	1.29	0.04
831319	Pulp	0.42	17	49.3	<10	<2	1.13	0.01	28.21	5.08	0.75	17.17	0.28	1.28	3.99	1.80	0.12
831320	Pulp	0.41	<4	64.3	<10	<2	1.07	0.01	28.72	4.16	0.47	17.93	0.24	1.31	2.97	1.16	0.06
831321	Pulp	0.30	62	53.6	<10	<2	1.15	0.01	29.17	3.04	0.54	17.93	0.27	1.28	3.12	1.75	0.07
831322	Pulp	0.15	92	83.7	<10	<2	1.19	0.01	29.75	4.10	<0.01	17.16	0.35	1.27	3.43	2.13	0.13
831323	Pulp	0.17	122	88.0	<10	<2	1.16	0.01	29.51	3.82	<0.01	17.16	0.29	1.21	3.93	2.72	0.12
831324	Pulp	0.08	<4	17.0	<10	<2	1.08	0.01	30.33	2.23	0.45	17.51	0.55	1.27	3.52	0.51	0.01
831325	Pulp	0.12	93	86.9	<10	<2	1.17	0.01	28.94	3.79	0.50	16.74	0.28	1.24	3.42	3.03	0.08
831326	Pulp	<0.01	<4	18.8	<10	<2	14.64	0.11	3.88	3.20	4.18	1.40	0.10	5.55	0.26	64.01	0.40
831327	Pulp	0.34	109	66.4	<10	<2	1.61	0.05	46.03	3.80	0.57	3.70	0.32	1.46	3.08	3.01	0.11
831328	Pulp	0.33	56	81.7	<10	<2	1.18	0.01	32.03	3.33	0.37	14.96	0.34	1.17	3.70	2.66	0.07
831329	Pulp	0.36	51	111.7	<10	<2	1.19	0.03	30.59	5.34	0.46	15.23	0.41	1.24	3.99	1.48	0.21
831330	Pulp	0.36	30	46.9	<10	<2	1.33	0.03	31.91	3.07	0.45	14.33	0.50	1.28	3.40	3.06	0.04
831331	Pulp	0.04	7	28.5	<10	<2	1.14	0.01	31.11	2.44	<0.01	16.47	0.55	1.21	4.03	2.26	0.02
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 07K5474

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

53 Samples 53=Pulp 3=Repeat

Print: Nov 24, 2007
[547415:55:32:70112407:0Ih] Nov 16, 2007

Sample Name	LOI %	Total %
831273	32.84	99.97
831294	36.51	100.01
831295	34.40	99.90
831296	34.18	99.99
831297	39.91	99.81
831298	36.27	100.01
831299	41.04	99.96
831300	40.36	99.96
831301	38.76	99.74
831302	40.84	99.68
831303	39.55	99.35
831304	33.82	99.93
831305	40.68	99.77
831306	41.12	99.91
831307	35.13	99.87
831308	19.93	99.32
831309	31.02	100.01
831310	37.09	99.97
831311	33.00	99.97
831312	24.99	99.54
831313	26.49	99.52
DUP831314	34.00	99.83
831315	38.34	99.13
831316	41.90	99.87
831317	39.49	99.96
831318	42.67	99.88
831319	39.92	99.73
831320	41.49	99.58
831321	41.24	99.54
831322	40.47	99.99
831323	40.02	99.95
831324	42.44	99.91
831325	40.58	99.77
831326	1.97	99.69
831327	35.89	99.65
831328	40.07	99.91
831329	39.49	99.68
831330	40.39	99.80
831331	40.72	99.96
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

53 Samples 53=Pulp 3=Repeat

Print: Nov 24, 2007
[547415:55:32:70112407:0Dh] Nov 16, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831332	Pulp	0.44	58	87.3	<10	<2	1.16	0.02	30.52	3.70	<0.01	16.57	0.36	1.21	4.98	1.18	0.06
831333	Pulp	0.38	67	81.4	<10	<2	1.27	0.02	36.02	3.67	<0.01	12.09	0.40	1.30	3.06	1.71	0.07
831334	Pulp	0.10	59	42.3	<10	<2	1.36	0.05	42.59	3.32	<0.01	7.24	0.43	1.28	2.81	1.76	0.07
831335	Pulp	0.45	100	69.4	<10	<2	1.38	0.02	34.42	2.74	0.62	12.62	0.47	1.39	5.46	2.87	0.05
831336	Pulp	0.30	121	68.6	<10	<2	1.38	0.02	39.25	3.10	0.47	9.54	0.34	1.30	5.13	2.09	0.08
831337	Pulp	0.27	19	43.7	<10	<2	1.10	0.01	32.05	2.59	<0.01	16.33	0.56	1.22	3.85	1.22	0.02
831338	Pulp	0.63	38	81.7	<10	<2	1.62	0.07	40.99	4.34	0.96	7.01	0.34	1.46	3.81	4.01	0.12
831339	Pulp	0.69	82	34.3	<10	<2	2.12	0.05	32.88	2.50	1.73	11.76	0.35	2.13	4.16	12.13	0.08
831340	Pulp	0.44	71	34.8	<10	<2	2.37	0.11	29.29	2.95	2.06	12.75	0.34	2.68	2.90	16.44	0.09
831341	Pulp	0.16	53	67.2	<10	<2	1.51	0.03	36.64	1.87	0.68	11.94	0.33	1.27	2.36	3.17	0.05
831342	Pulp	0.13	<4	29.1	<10	<2	1.18	0.01	29.56	2.48	0.50	17.46	0.62	1.32	2.19	1.45	0.02
831343	Pulp	0.18	5	53.0	<10	<2	3.04	0.32	33.19	3.79	1.14	2.17	0.79	2.57	2.59	6.99	0.24
831344	Pulp	0.51	21	34.7	<10	<2	3.25	0.31	42.65	3.59	2.36	2.11	0.76	2.56	2.49	7.00	0.22
831345	Pulp	0.41	36	113.9	<10	<2	1.25	0.02	32.54	6.49	<0.01	13.26	0.47	1.57	4.95	1.52	0.12
RE 831273	Repeat	0.51	22	36.4	<10	<2	2.89	0.30	45.01	3.57	1.11	2.06	0.75	1.72	2.57	6.30	0.22
RE 831312	Repeat	0.31	10	50.7	<10	<2	3.43	0.08	24.87	4.63	2.26	9.13	0.38	3.50	2.29	24.64	0.14
RE 831332	Repeat	0.44	61	82.6	<10	<2	1.58	0.02	30.26	3.77	<0.01	16.25	0.37	1.30	4.46	1.14	0.06
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

53 Samples
53=Pulp 3=Repeat

Print: Nov 24, 2007
[547415:55:32:70112407:0Dh] Nov 16, 2007

Sample Name	LOI %	Total %
831332	40.17	99.91
831333	40.02	99.63
831334	39.05	99.94
831335	37.79	99.83
831336	37.02	99.72
831337	41.00	99.95
831338	35.02	99.75
831339	29.51	99.42
831340	27.61	99.59
831341	40.03	99.87
831342	43.09	99.89
831343	42.63	99.46
831344	32.47	99.75
831345	37.28	99.48
RE 831273	32.84	99.34
RE 831312	24.48	99.82
RE 831332	40.12	99.32
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9239
Comment:

49 Samples Print: Dec 03, 2007 In: Nov 19, 2007 [551516:40:53:70120307:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	49	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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Signature: _____

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Client : Process Research Associates Ltd
Project: 0708410 Ship#

49 Samples 49=Pulp 3=Repeat

Print: Dec 03, 2007
[551516:40:53:70120307:0Dh] Nov 19, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831346	Pulp	0.37	<4	97.6	<10	<2	0.44	0.01	28.19	0.05	0.47	16.53	0.20	0.70	0.37	2.36	0.02
831347	Pulp	0.58	<4	105.2	<10	<2	0.41	0.01	27.52	0.03	0.63	15.81	0.15	0.85	0.34	2.16	0.01
831348	Pulp	0.18	<4	79.8	<10	<2	0.40	0.01	27.92	0.02	0.49	16.60	0.28	0.91	0.05	0.39	0.01
831349	Pulp	0.68	<4	44.7	<10	<2	1.12	0.02	34.40	4.82	0.98	12.86	0.28	1.00	3.90	2.20	0.09
831350	Pulp	0.40	<4	33.1	<10	<2	1.00	0.04	37.20	4.34	0.90	11.37	0.30	1.03	2.45	1.74	0.05
831351	Pulp	0.44	58	77.1	<10	<2	0.68	0.01	30.32	3.14	0.84	17.60	0.30	1.07	2.54	2.24	0.04
831352	Pulp	0.40	14	52.6	<10	<2	0.73	0.01	30.35	3.10	0.75	16.88	0.32	1.23	3.67	2.88	0.04
831353	Pulp	0.45	12	46.8	<10	<2	0.69	0.01	32.74	2.26	0.54	16.52	0.41	1.12	5.69	0.68	0.02
DUP831354	Pulp	0.11	12	50.9	<10	<2	0.62	0.01	30.42	2.83	0.90	17.18	0.32	1.15	3.84	0.97	0.01
831355	Pulp	0.07	<4	25.1	<10	<2	0.64	0.01	31.32	2.06	0.85	17.76	0.36	1.22	3.90	0.52	0.01
831356	Pulp	0.09	<4	55.6	<10	<2	0.55	0.01	30.35	3.11	0.85	17.10	0.41	1.13	2.67	0.36	0.02
831357	Pulp	0.15	<4	55.1	<10	<2	0.51	0.01	31.16	2.88	0.85	17.12	0.42	1.12	3.11	0.29	0.02
831358	Pulp	0.09	<4	24.7	<10	<2	0.49	0.01	31.88	1.96	0.80	17.68	0.52	1.08	3.75	0.22	0.01
831359	Pulp	0.10	<4	66.5	<10	<2	0.49	0.01	30.61	2.18	0.64	18.07	0.45	1.07	2.69	0.23	0.02
831360	Pulp	0.12	5	62.8	<10	<2	0.55	<0.01	30.93	2.83	0.61	18.29	0.28	1.05	2.26	0.38	0.01
831361	Pulp	0.41	19	50.5	<10	<2	0.59	0.01	30.66	3.96	0.71	17.31	0.25	1.05	2.22	1.37	0.02
831362	Pulp	0.50	11	105.4	<10	<2	0.67	0.01	33.03	3.66	0.70	15.85	0.20	1.03	3.85	0.62	0.02
831363	Pulp	0.37	<4	71.1	<10	<2	0.59	0.01	30.42	3.54	0.60	18.35	0.19	1.01	2.30	0.45	0.01
831364	Pulp	0.09	<4	19.6	<10	<2	0.64	0.02	31.61	2.38	0.45	17.77	0.58	0.67	3.55	0.64	0.03
831365	Pulp	0.42	<4	187.5	<10	<2	0.73	0.01	31.88	3.83	0.45	16.30	0.22	0.68	5.27	0.61	0.03
831366	Pulp	0.73	5	149.2	<10	<2	0.69	0.01	31.75	3.37	0.44	17.20	0.21	0.79	3.81	0.71	0.02
831367	Pulp	0.13	9	73.4	<10	<2	0.71	0.01	31.44	3.68	0.67	18.08	0.21	0.82	3.55	0.63	0.04
831368	Pulp	0.14	47	97.8	<10	<2	0.71	0.02	33.96	5.01	0.44	13.78	0.31	0.82	3.00	0.80	0.23
831369	Pulp	0.01	<4	14.9	<10	<2	13.78	0.12	3.95	3.03	4.33	1.54	0.10	4.76	0.26	64.65	0.40
831370	Pulp	0.10	45	104.2	<10	<2	0.75	0.02	30.70	4.57	0.61	17.47	0.26	0.85	2.73	1.03	0.29
831371	Pulp	0.37	37	105.7	<10	<2	1.03	0.01	30.29	5.37	0.85	16.41	0.24	0.85	3.25	1.18	0.14
831372	Pulp	0.45	57	149.4	<10	<2	0.65	0.02	32.34	4.56	0.63	17.30	0.29	0.81	3.72	0.49	0.10
831373	Pulp	0.30	32	94.9	<10	<2	0.63	0.01	31.56	4.18	0.66	16.54	0.28	0.80	2.90	0.45	0.09
DUP831374	Pulp	0.31	27	86.9	<10	<2	0.63	0.01	28.95	4.45	0.57	18.14	0.28	0.79	2.24	0.57	0.09
831375	Pulp	0.38	37	113.2	<10	<2	0.49	<0.01	31.57	<0.01	0.57	11.42	0.16	0.78	0.03	1.27	<0.01
831376	Pulp	0.10	78	80.6	<10	<2	0.71	<0.01	30.68	0.87	0.74	3.79	0.21	0.77	0.32	17.09	<0.01
831377	Pulp	0.08	58	66.2	<10	<2	1.86	0.04	21.61	5.92	1.76	12.12	0.29	1.15	1.84	33.42	0.26
831378	Pulp	0.16	120	93.8	<10	<2	1.90	0.02	26.37	5.56	0.83	13.28	0.25	0.84	3.19	15.28	0.22
831379	Pulp	0.29	91	100.2	<10	<2	1.35	0.06	31.67	5.50	1.09	7.25	0.32	1.20	3.57	20.07	0.19
831380	Pulp	0.15	37	86.3	<10	<2	1.32	0.04	29.20	5.76	1.49	8.28	0.37	0.90	3.30	21.48	0.23
831381	Pulp	0.18	55	65.1	<10	<2	1.02	0.02	29.14	4.41	0.51	12.03	0.31	0.71	3.54	13.39	0.18
831382	Pulp	0.97	41	112.7	<10	<2	0.93	0.05	31.81	5.55	0.52	11.56	0.30	0.62	4.43	8.54	0.16
831383	Pulp	0.12	90	74.4	<10	<2	1.12	0.05	45.01	7.00	0.46	3.23	0.32	0.69	4.90	4.23	0.23
831384	Pulp	0.51	24	33.8	<10	<2	2.43	0.32	45.36	3.80	1.14	2.14	0.80	1.10	2.56	6.54	0.22
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Project: 0708410

49 Samples

Ship#

49=Pulp 3=Repeat

Print: Dec 03, 2007
[551516:40:53:70120307:0Dh] Nov 19, 2007

Sample Name	LOI %	Total %
831346	39.40	88.74
831347	39.62	87.56
831348	43.08	90.16
831349	38.09	99.75
831350	39.59	99.99
831351	41.03	99.81
831352	39.96	99.93
831353	39.03	99.71
DUP831354	41.00	99.25
831355	41.06	99.70
831356	42.61	99.15
831357	42.16	99.65
831358	41.55	99.94
831359	42.84	99.29
831360	42.58	99.77
831361	41.67	99.81
831362	40.08	99.73
831363	42.24	99.71
831364	41.21	99.55
831365	39.69	99.69
831366	41.01	100.00
831367	40.04	99.88
831368	40.40	99.48
831369	1.43	98.37
831370	40.57	99.84
831371	40.17	99.80
831372	39.06	99.96
831373	41.56	99.69
DUP831374	41.96	98.66
831375	37.34	83.64
831376	27.57	82.76
831377	19.67	99.93
831378	32.20	99.94
831379	25.79	98.07
831380	26.35	98.74
831381	34.30	99.55
831382	34.27	98.74
831383	32.47	99.71
831384	33.19	99.59
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Project: 0708410 Ship#

49 Samples 49=Pulp 3=Repeat

Print: Dec 03, 2007 Page 2 of 2
[551516:40:53:70120307:0Ch] Nov 19, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	Si02 %	Ti02 %
831385	Pulp	0.10	59	69.4	<10	<2	0.92	0.02	40.50	4.65	0.47	6.08	0.32	0.65	4.46	7.37	0.20
831386	Pulp	0.36	<4	98.5	<10	<2	0.62	0.01	32.17	4.93	0.40	14.92	0.42	0.63	4.26	1.64	0.12
831387	Pulp	0.52	<4	184.0	<10	<2	0.76	0.01	32.35	3.94	<0.01	15.61	0.29	0.66	7.01	0.88	0.11
831388	Pulp	0.75	<4	240.4	<10	<2	0.85	0.01	33.34	3.61	1.02	14.20	0.22	0.66	9.70	0.74	0.12
831389	Pulp	0.13	<4	95.4	<10	<2	0.60	0.01	31.16	3.05	0.60	17.63	0.43	0.66	4.63	0.33	0.03
831390	Pulp	0.36	<4	121.4	<10	<2	0.64	0.01	30.74	4.47	0.58	15.80	0.23	0.65	5.68	0.46	0.10
831391	Pulp	0.16	58	119.3	<10	<2	0.84	0.03	30.28	4.54	0.74	17.48	0.18	0.72	5.30	1.20	0.23
BL831392	Pulp	0.01	<4	17.4	<10	<2	13.72	0.11	3.85	2.85	4.24	1.44	0.09	4.90	0.22	66.35	0.37
831393	Pulp	0.12	26	74.7	<10	<2	0.81	0.01	29.11	3.80	0.65	16.98	0.34	0.68	3.38	1.10	0.08
831394	Pulp	0.51	30	106.7	<10	<2	0.71	0.01	31.03	3.97	0.74	16.84	0.27	0.69	5.28	0.59	0.09
RE 831346	Repeat	0.38	<4	101.0	<10	<2	0.45	0.01	28.18	0.05	0.47	16.50	0.19	0.71	0.37	2.36	0.02
RE 831365	Repeat	0.42	<4	178.0	<10	<2	0.74	0.01	31.65	3.83	0.45	16.26	0.20	0.66	5.14	0.61	0.03
RE 831385	Repeat	0.10	65	68.6	<10	<2	0.93	0.02	40.70	4.70	0.47	6.07	0.32	0.65	4.45	7.33	0.20
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Process Research Associates Ltd
Project: 0708410

49 Samples

Ship#

49=Pulp 3=Repeat

Print: Dec 03, 2007
[551516:40:53:70120307:0]: Nov 19, 2007

Sample Name	LOI %	Total %
831385	34.05	99.69
831386	39.31	99.42
831387	38.27	99.88
831388	34.70	99.16
831389	40.33	99.47
831390	40.64	99.98
831391	38.05	99.60
BL831392	1.41	99.55
831393	41.15	98.10
831394	39.17	99.41
RE 831346	39.70	89.01
RE 831365	39.81	99.39
RE 831385	34.06	99.87
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

CERTIFICATE OF ANALYSIS
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Process Research Associates Ltd
Project : 0708410
Shipper : Boja Grcic
Shipment: PO#: 9246
Comment:

44 Samples Print: Dec 10, 2007 In: Nov 20, 2007 [554012:23:46:70121007:002]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	44	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	3	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B90000	1	Std iPL	Std iPL(Certified) - no charge.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Process Research Associates Ltd
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Ph:604/272-8110
Em:bojagrcic@pralab.com

EN	RT	CC	IN	FX
1	2	1	0	1

DL	3D	EM	BT	BL
0	0	1	1	0

Analytical Summary

Analysis: Nb2O5 Th U Re Ta / Whole Rock analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0785	ICP	%	Nb2O5 by Multi-Acids Sp. Digestion	Niobium Pentoxide	0.01	100.00
02	0784	ICPM	ppm	Ta ICP(Multi-Acid)	Tantalum	4	10000
03	0527	AqR/AA	ppm	Th Aqua Regia by AAS/ICP	Thorium	0.1	1000.0
04	0728	ICP	ppm	U ICP	Uranium	10	1000
05	0143	ICPM	ppm	Re ICP(Multi-Acid)	Rhenium	2	10000
06	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
07	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
08	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
09	0409	WRock	%	Fe2O3 by Whole Rock	Fe2O3	0.01	100.00
10	0403	WRock	%	K2O by Whole Rock	K2O	0.01	100.00
11	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
12	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
13	0410	WRock	%	Na2O by Whole Rock	Na2O	0.01	100.00
14	0411	WRock	%	P2O5 by Whole Rock	P2O5	0.01	100.00
15	0401	WRock	%	SiO2 by Whole Rock	SiO2	0.01	100.00
16	0407	WRock	%	TiO2 by Whole Rock	TiO2	0.01	100.00
17	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
18	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 0=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032725
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers: David Chiu, Ron Williams

Signature: _____

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Client : Process Research Associates Ltd **44 Samples**
Project: 0708410 Ship#

44=Pulp 3=Repeat 1=Std iPL

Print: Dec 10, 2007 Page 1 of 2
[554012:23:46:70121007:002] Nov 20, 2007 Section 1 of 2

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	A1203 %	Ba0 %	Ca0 %	Fe203 %	K20 %	Mg0 %	Mn0 %	Na20 %	P205 %	Si02 %	Ti02 %
831395	Pulp	0.06	8	39.1	<10	<2	0.85	0.01	30.31	3.77	<0.01	17.73	0.29	0.71	3.41	3.56	0.06
831396	Pulp	0.36	5	44.7	<10	<2	1.10	0.01	32.10	3.23	0.49	16.63	0.28	0.76	6.46	2.80	0.04
831397	Pulp	0.14	8	25.3	<10	<2	1.03	0.01	30.11	3.73	0.39	17.76	0.30	0.82	3.63	3.61	0.03
831398	Pulp	0.07	4	24.4	<10	<2	2.75	0.03	21.92	3.93	1.39	15.50	0.24	1.60	3.70	28.92	0.15
831399	Pulp	0.10	<4	31.2	<10	<2	0.88	0.01	29.62	3.57	0.43	19.03	0.37	0.86	2.47	1.34	0.01
831400	Pulp	0.12	<4	31.8	<10	<2	0.80	<0.01	29.87	3.98	0.42	17.90	0.40	0.90	2.54	2.03	0.03
831401	Pulp	0.14	<4	38.9	<10	<2	1.36	0.01	30.12	4.15	<0.01	16.90	0.38	1.03	4.37	3.88	0.05
831402	Pulp	<0.01	<4	14.1	<10	<2	14.27	0.11	3.98	2.84	4.19	1.42	0.10	4.69	0.32	65.72	0.39
831403	Pulp	0.08	30	83.6	<10	<2	2.02	0.01	26.16	3.88	0.44	12.06	0.35	1.77	3.58	18.08	0.14
831404	Pulp	0.27	123	195.9	<10	<2	1.08	0.01	31.11	3.12	<0.01	15.29	0.27	1.09	7.01	4.46	0.05
831405	Pulp	0.08	<4	21.6	<10	<2	0.80	0.01	30.97	2.34	0.46	17.93	0.57	0.93	3.62	0.49	0.01
831406	Pulp	0.17	99	137.9	<10	<2	1.34	0.01	30.73	2.71	0.55	14.71	0.30	1.04	6.12	8.18	0.05
831407	Pulp	0.08	37	29.8	<10	<2	2.49	0.10	26.66	4.60	1.42	10.63	0.33	4.29	4.97	28.58	0.17
831408	Pulp	0.01	<4	38.5	<10	<2	1.43	0.11	42.32	5.08	<0.01	5.97	0.27	1.52	6.77	7.75	0.15
831409	Pulp	0.02	<4	41.3	<10	<2	1.68	0.07	37.30	7.03	1.02	7.28	0.29	2.06	9.43	11.61	0.22
831410	Pulp	0.01	<4	52.1	<10	<2	1.42	0.06	38.83	7.23	0.91	5.73	0.24	1.10	9.62	3.63	0.30
831411	Pulp	0.01	<4	56.6	<10	<2	0.96	0.01	32.65	4.92	0.50	14.04	0.25	0.87	6.80	3.68	0.26
831412	Pulp	0.02	17	61.9	<10	<2	1.04	0.01	31.27	4.58	<0.01	16.61	0.23	0.77	4.26	2.43	0.04
831413	Pulp	0.03	43	42.7	<10	<2	1.42	0.01	29.04	3.44	<0.01	16.04	0.26	1.16	4.23	10.70	0.07
831414	Pulp	0.03	37	36.6	<10	<2	1.26	0.01	28.65	3.40	0.49	16.52	0.24	1.39	3.78	9.03	0.10
831415	Pulp	0.02	<4	28.2	<10	<2	1.42	0.04	26.89	5.12	0.58	10.86	0.32	3.63	8.92	29.36	0.18
831416	Pulp	0.03	42	50.7	<10	<2	1.17	<0.01	31.12	3.17	<0.01	17.87	0.23	0.87	4.40	2.93	0.12
831417	Pulp	0.04	27	59.5	<10	<2	1.19	<0.01	31.25	3.78	<0.01	16.27	0.26	0.88	5.93	4.90	0.14
831418	Pulp	0.01	4	31.9	<10	<2	1.49	<0.01	30.68	5.61	<0.01	16.65	0.23	0.86	5.93	2.97	0.24
831419	Pulp	0.04	<4	30.0	<10	<2	1.15	<0.01	31.26	3.37	<0.01	18.20	0.41	0.88	4.08	1.75	0.05
831420	Pulp	0.06	<4	36.1	<10	<2	1.00	<0.01	31.04	3.08	0.70	18.42	0.40	0.92	3.61	1.60	0.03
831421	Pulp	0.01	<4	30.5	<10	<2	1.16	<0.01	32.33	3.68	<0.01	16.99	0.26	0.88	6.32	2.26	0.14
831422	Pulp	0.01	<4	45.0	<10	<2	1.18	<0.01	32.03	4.90	<0.01	16.25	0.20	0.90	7.34	3.24	0.21
831423	Pulp	0.01	<4	44.2	<10	<2	1.43	0.06	42.68	6.12	0.72	5.59	0.22	1.02	6.97	3.68	0.19
831424	Pulp	0.02	6	39.0	<10	<2	1.89	0.06	37.36	5.37	0.88	7.40	0.24	1.60	5.43	11.31	0.17
831425	Pulp	0.55	12	32.4	<10	<2	2.65	0.32	46.26	3.61	1.06	2.09	0.77	1.35	2.39	6.23	0.20
831426	Pulp	0.02	11	43.8	<10	<2	1.52	0.01	30.95	4.43	<0.01	16.32	0.24	0.94	5.26	3.91	0.15
831427	Pulp	0.01	<4	37.6	<10	<2	1.36	<0.01	28.97	3.59	<0.01	18.41	0.22	0.91	3.25	3.77	0.10
831428	Pulp	<0.01	<4	27.8	<10	<2	1.13	<0.01	30.43	2.25	<0.01	18.72	0.21	0.89	3.29	2.31	0.04
831429	Pulp	0.01	<4	33.0	<10	<2	1.18	<0.01	31.09	2.47	<0.01	18.84	0.23	0.92	3.07	2.46	0.07
831430	Pulp	0.01	<4	46.1	<10	<2	1.18	0.01	29.95	2.85	<0.01	17.50	0.26	0.98	2.97	4.54	0.10
831431	Pulp	0.09	34	93.1	<10	<2	1.92	0.01	27.65	3.57	0.86	17.10	0.26	1.01	3.80	9.86	0.11
831432	Pulp	0.03	10	46.4	<10	<2	2.29	0.01	27.78	3.87	0.57	15.89	0.23	1.12	4.29	10.87	0.12
831433	Pulp	0.15	21	23.4	<10	<2	2.83	0.08	30.97	4.24	1.09	8.24	0.27	2.93	3.19	24.91	0.17
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 07K5540 (R)

Client : Process Research Associates Ltd
Project: 0708410

44 Samples

Ship#

44=Pulp 3=Repeat 1=Std iPL

Print: Dec 10, 2007
[554012:23:46:70121007:0012] Nov 20, 2007

Sample Name	LOI %	Total %
831395	38.51	99.20
831396	36.10	99.99
831397	38.27	99.67
831398	19.61	99.72
831399	41.31	99.91
831400	41.02	99.90
831401	37.42	99.66
831402	1.36	99.40
831403	31.41	99.90
831404	35.27	98.76
831405	41.84	99.99
831406	34.09	99.83
831407	15.66	99.90
831408	27.93	99.29
831409	22.00	99.98
831410	29.93	99.00
831411	34.55	99.49
831412	38.22	99.46
831413	33.59	99.96
831414	34.63	99.51
831415	12.56	99.88
831416	38.05	99.94
831417	35.03	99.64
831418	33.63	98.29
831419	38.36	99.51
831420	38.97	99.78
831421	35.57	99.60
831422	33.43	99.69
831423	30.81	99.47
831424	27.72	99.46
831425	32.55	99.47
831426	35.85	99.60
831427	38.93	99.50
831428	40.51	99.77
831429	39.44	99.77
831430	38.71	99.05
831431	33.22	99.36
831432	32.62	99.66
831433	20.86	99.79
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 07K5540 (R)

Client : Process Research Associates Ltd
Project: 0708410 Ship#

44 Samples

44=Pulp 3=Repeat 1=Std iPL

Print: Dec 10, 2007
[554012:23:46:70121007:0012] Nov 20, 2007

Sample Name	Type	NB205 %	Ta ppm	Th ppm	U ppm	Re ppm	Al203 %	BaO %	CaO %	Fe203 %	K20 %	MgO %	MnO %	Na20 %	P205 %	SiO2 %	TiO2 %
831434	Pulp	0.07	9	10.4	130	<2	2.80	0.12	20.82	5.14	1.78	13.50	0.35	4.60	2.27	40.54	0.18
831435	Pulp	0.31	7	7.0	97	<2	4.06	0.07	15.23	6.06	1.73	13.91	0.36	6.21	1.68	45.07	0.22
831436	Pulp	0.50	19	11.8	136	<2	3.52	0.09	18.09	5.85	1.53	11.97	0.38	6.12	2.79	41.65	0.22
831437	Pulp	0.06	<4	13.9	104	<2	5.10	0.09	15.72	5.78	2.34	11.83	0.34	6.33	3.30	42.33	0.26
831438	Pulp	0.05	<4	13.9	144	<2	2.76	0.08	20.75	5.65	1.45	11.70	0.39	5.64	2.53	41.32	0.19
RE 831395	Repeat	0.06	6	38.3	<10	<2	0.86	<0.01	30.36	3.82	<0.01	17.55	0.29	0.95	3.41	3.54	0.06
RE 831414	Repeat	0.03	36	26.3	<10	<2	1.22	0.01	28.83	3.36	0.52	17.33	0.25	1.55	3.86	9.07	0.10
RE 831434	Repeat	0.07	7	10.7	121	<2	2.90	0.13	20.84	5.12	1.76	13.14	0.35	4.64	2.31	40.81	0.18
CCRMP_STD as Nb205	Std iPL	0.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCRMP_STD as Nb205 REF	Std iPL	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	4	0.1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	10000	1000.0	1000	10000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Method		ICP	ICPM	AqR/AA	ICP	ICPM	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 07K5540 (R)

Client : Process Research Associates Ltd
Project: 0708410 Ship#

44 Samples

44=Pulp 3=Repeat 1=Std iPL

Print: Dec 10, 2007
[554012:23:46:70121007:0012] Nov 20, 2007

Sample Name	LOI %	Total %
831434	7.63	99.75
831435	4.75	99.35
831436	7.32	99.54
831437	6.56	99.98
831438	7.53	100.00
RE 831395	38.10	98.95
RE 831414	33.55	99.63
RE 831434	7.55	99.74
CCRMP_STD as Nb205	—	—
CCRMP_STD as Nb205 REF	—	—
Minimum Detection	0.01	0.01
Maximum Detection	100.00	105.00
Method	2000 F	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

APPENDIX D

ANALYTICAL PROCEDURES

International Plasma Labs Ltd.
ISO 9001:2000 Certified Company

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Method of Whole rock analyses by ICP

(a) 0.20 grams of sample was mixed with lithium metaborate and fused in high temperature furnace for an hour, removed and leached in weakly diluted HNO3 acid, cooled, then bulked up to a fixed volume with di-mineralized water, and thoroughly mixed.

(b) The specific elements were determined using a Inductivity Coupled Argon Plasma spectrophotometer. All major interfering, as well as trace, elements were inter-element corrected. All data are subsequently stored onto computer.

(b) Loss of Ignition (LOI) is perform separately by weighing 2.0 grams of sample in a clay crucible and ignite at 1000C, the weight loss in percent is reported as LOI.

* The whole rock package includes following elements:
Al2O3, BaO, CaO, Fe2O3, K2O, LOI, MgO, MnO, Na2O, P2O5, SiO2 and TiO2

QUALITY CONTROL

The ICP instrument is first calibrated using six certified standards and a blank. The test samples are then run in batches. A sample batch consists of 38 or less samples. Two solutions are placed before a batch. These are in-house standard and acid blank, which are both digested along with the samples. A known standard with characteristics best matching the samples is chosen and placed after every fifteenth sample. After every 38th sample (not including standards), two samples, chosen at random, are re-weighed and analyzed. At the end of a batch, the standard and blank used at the beginning is re-analyzed. Results from both sets of standards are compared to detect any calibration drift.

2007 Drill Core Sampling and Analytical Flow Chart

2007 Program Holes
NQ2 5.06 cm diameter
and
BTW 4.85 cm diameter

Core Sample
+/- 3 m (10 ft)
Length

Core Photography

Photographs
Archived on
Server and
DVD

Core Sawn
in Half

Stored at
Canfor
Camp

½ Core
Remainder

½ Core
Original

Blank
e.g.
831392

Sand 18%
Granite

Inserted 1-2 per Drill
Hole

+/-7 kg.
NQ & BTW
Core Sample

Entire Sample
Dried,
Crushed to
70% < 2 mm
(10 mesh)

+/-7 kg.
Coarse
Sample e.g.
002914

Inter-Laboratory
Duplicate 1 in 20
Regular Samples

+/-6 kg.
Coarse
Reject

Stored at
IPL Labs

Pulverize
250 g to 95%
< 106 micron
(150 mesh)

+/-750 g
Pulp
Reject

Stored at
IPL Labs

+/-250 g
Regular Pulp
e.g. 831278

+/-250 g
Duplicate Pulp
e.g. 831354

Blind Standards
Inserted 1 in 40
Regular Samples

Standard
e.g. 831384

AHG-1 50%
OKA-1 50%

Nb2O5, Ta,
Th, U, Re &
Whole Rock
Assay

Nb2O5, Ta,
Th, U, Re &
Whole Rock

DRILLING:
by Full Force Drilling.
& Peak Drilling.
Samples Transported
by Company Truck

LOGGING:
Logged and Sampled
at Canfor Camp

SHIPPING:
½ Core Samples
Transported by Russel
Transfer Ltd. to
Vancouver Area
Laboratory

QAQC OVERVIEW:
Results Monitored by
HDI Vancouver.

SAMPLE PREP &
ANALYTICAL
IPL Lab 100.0%,

SAMPLE
PREPARATION:
Regular Samples
Prepared at IPL Labs
Vancouver,
Duplicates Prepared
at Global Discovey
Labs,
Vancouver

ASSAY ANALYSIS:
Nb2O5, Ta by HCl,
HClO4, H3PO4 ICP
finish . Th, U, Re by
HF,HCl, HNO3,
HClO4 ICP Finish,
Whole Rock by HNO3
ICP Finish

APPENDIX E

DRILL SECTIONS