PROSPERITY GOLD-COPPER PROJECT

1996 PLACER GOLD ASSESSMENT REPORT

RECEIVED
APR 16 1997
Gold Commissioner's Office
VANCOUVER, B.C.

CLINTON MINING DIVISION
BRITISH COLUMBIA
CANADA

NTS 92 O/5E
Latitude 51° 27' N, Longitude 123° 36' W

PLACER CLAIMS	**TENURE NUMBERS**
MARC 1	266459
MARC 2	266460
MARC 3	266461
MARC 4	266462
MARC 5	266463
MARC 6	266464
FIS 1	266423
FIS 2	266424
FIS 3	266425

OWNER

Taseko Mines Limited
1020-800 West Pender Street
Vancouver, B.C.
V6C 2V6

by

Lena Brommeland, B.Sc.
Gernot Wober, B.Sc.
March 15, 1997

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,939

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

1.0 Summary

The Prosperity Gold Copper Development Project is located in south central B.C. approximately 250 kilometers north of Vancouver and 125 kilometers southwest of Williams Lake. The Property is within the Clinton Mining Division and is comprised of 196 mineral and 9 placer claims covering 95 square kilometers.

In 1996, Taseko Mines Limited completed 69 diamond drill holes of a program designed to further advance the Prosperity Project to feasibility stage. A total of 2,469 meters of overburden, in the majority of these holes, was drilled with casing advancers in lieu of tricones enabling very high recovery of the overburden and detailed interpretation of depositional environments.

Pan concentrate samples were taken from 12 locations in 11 drill holes in order to evaluate the placer gold potential within the overburden. The 11 selected drill holes were centered around paleo outcrop lows where fluvial channels existed. Anomalous values were returned from many of these samples indicating multiple prospective placer channels.

Three whole core samples representing weathered paleo fanglomerate material (OVB2), which were taken from drill hole 96-218, also returned anomalous values.

The overburden sampling program has outlined areas of anomalous gold and indicates that gold has been concentrated in some of the fluvial channel deposits as well as in the weathered overburden. Further extensive sampling would be required to delineate a continuous horizon that contains high grade placer gold.

2.0 Introduction

The Prosperity Gold Copper Development Project (formerly referred to as the Fish Lake Property) is located in south central B.C. approximately 250 kilometers north of Vancouver and 125 kilometers southwest of Williams Lake. The Property is within the Clinton Mining Division and is comprised of 196 mineral and 9 placer claims covering 95 square kilometers.

In 1996 Taseko Mines Limited completed an extensive diamond drilling program designed to further advance the Prosperity Project to the feasibility stage. As of 1994, a geological resource of 976 million tonnes of 0.48 grams gold/tonne and 0.23% copper had been delineated at Prosperity (Caira et al., 1995). The 1996 drill program completed 54 diamond drill holes within the proposed pit area and 15 diamond drill holes in the proposed tailings areas peripheral to the pit. This program was designed to address engineering, geotechnical and surficial geology parameters.

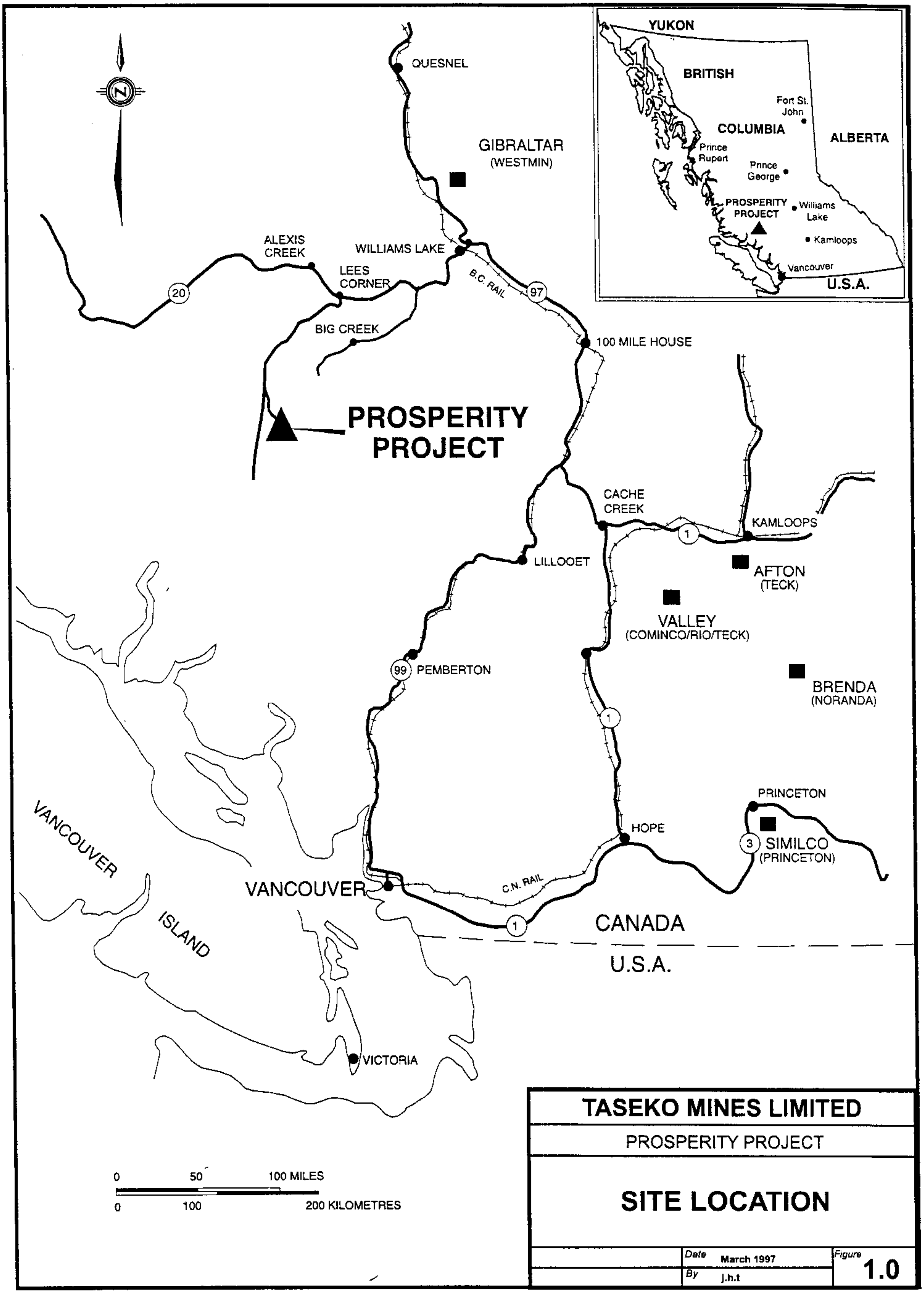
This report describes the results of the overburden drilling above the Prosperity Gold-Copper Porphyry Deposit. In order to facilitate a better understanding of the surficial geology, a different approach to drilling the overburden was undertaken in 1996. Casing advancers, in lieu of tricones, were utilized by the drills on the majority of the holes which enabled very high recovery of the overburden. Geological data contained within this report pertains predominantly to the glacial sediments and Miocene basalts overlying the bedrock in the area. Overburden data from previous years drilling has not been incorporated into this report as the nature of the data is quite different and not as exacting as the newer data.

3.0 Location and Access

The Prosperity Project is located 125 kilometers southwest of Williams Lake, B.C. and 250 kilometers north of Vancouver, B.C. at Latitude 51°27' North, Longitude 123°36' West on the NTS map sheet 92 O/5E (Figure 1.0).

Road access to the Prosperity site is via the paved Bella Coola Highway (Highway No. 20) west of Williams Lake approximately 91 kilometers to Hanceville and then south-southwest approximately 80 kilometers on the gravel Chilko Lake-Nemiah Valley road to the Whitewater (Davidson) Bridge that crosses the Taseko River. The less well maintained Taseko Lake road leads south 8 kilometers from the Davidson Bridge to the Fish Lake Road turn-off, which then leads 8.4 kilometers to site over a seasonally maintained four wheel drive road.

A float equipped aircraft can be used to access Fish Lake at the southern margin of the deposit in the summer months and an aircraft with skis could be utilized to land on the lake once the ice has become thick enough during the winter months.



TASEKO MINES LIMITED

PROSPERITY PROJECT

SITE LOCATION

Date March 1997		Figure
By j.h.t		1.0

4.0 Physiography and Climate

Topography within the claim area varies from 1000 meters to 1560 meters with a mean elevation of 1460 meters above sea level. The Prosperity Project claim boundary spans the headwaters and upper valley of Fish Creek which drains into the Taseko River and then into the Fraser River drainage system.

Vegetation in the Project area is predominated by Lodgepole Pine in well drained areas, Douglas Fir on south facing aspects, and Spruce in wetter, less drained low areas. Valley bottoms and poorly drained areas contain meadows and marshy swamps several hectares in size which are preferred by willows and a variety of grasses.

The climate is moderate with temperatures ranging from -40° to +36° Celsius, and an average precipitation of 60 millimeters per year.

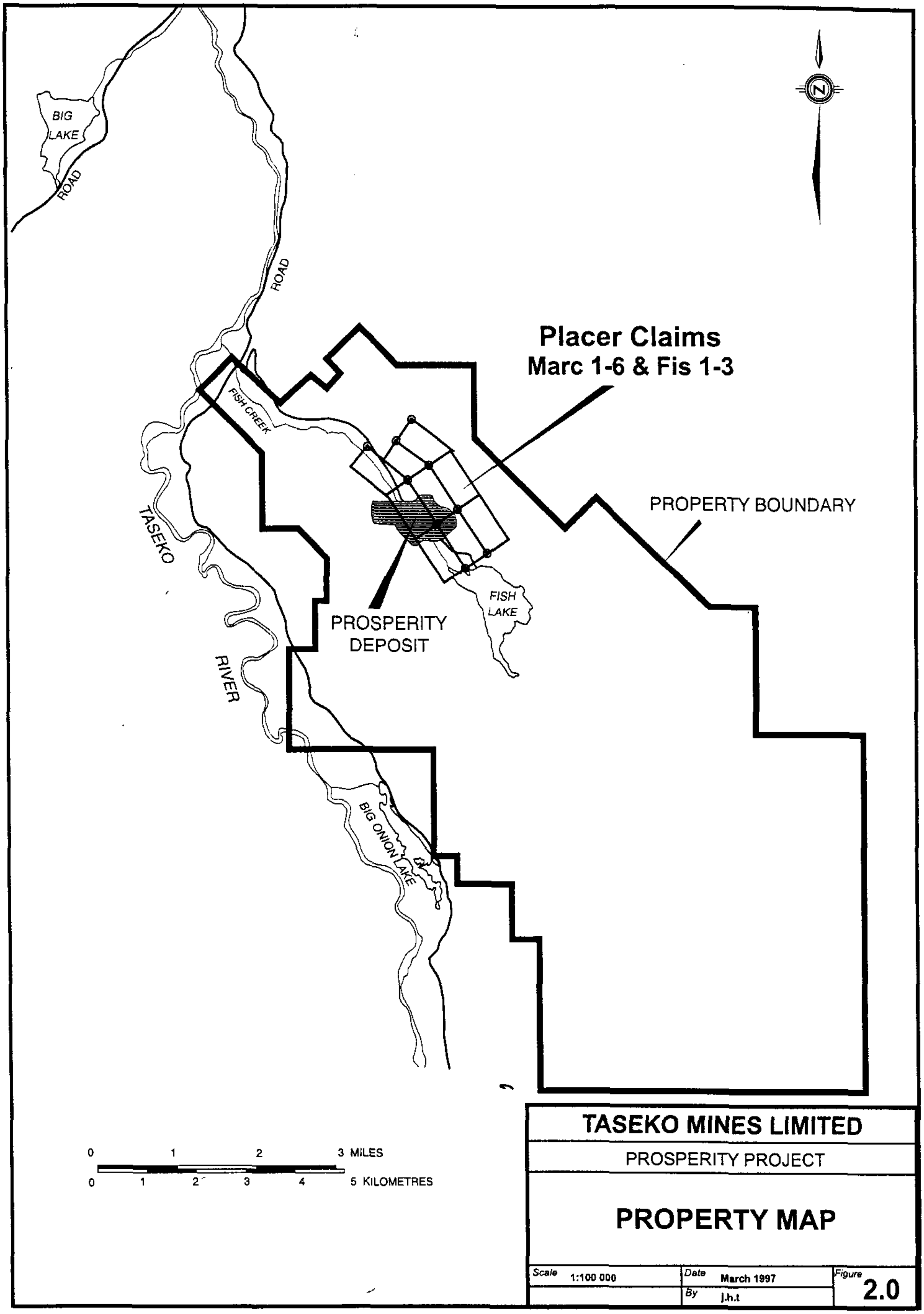
5.0 Claim Data

The 95 square kilometer Prosperity Project is located in the Clinton Mining Division on the N.T.S. map sheet 92 O/5E. The property, owned by Taseko Mines Limited, is comprised of 165 two-post mineral claims and fractions, 15 modified grid claims comprised of 268 units, and 9 placer claims (Figure 2.0).

The placer claim data for the 9 placer claims (Marc 1 to 6 claims and the Fis 1 to 3 claims) (Figure 3.0) is listed below:

Claim Name	Record Number	Tenure Number	Units	Record Date	Current Expiry Date	Expiry Date After Applying This Work
*Marc 1	63	266459	1	20-Jan-91	20-Jan-97	20-Jan-2002
*Marc 2	64	266460	1	20-Jan-91	20-Jan-97	20-Jan-2002
*Marc 3	65	266461	1	20-Jan-91	20-Jan-97	20-Jan-2002
*Marc 4	66	266462	1	20-Jan-91	20-Jan-97	20-Jan-2002
Marc 5	67	266463	1	20-Jan-91	20-Jan-97	20-Jan-2002
Marc 6	68	266464	1	20-Jan-91	20-Jan-97	20-Jan-2002
*FIS 1	27	266423	1	28-Apr-89	28-Apr-2001	28-Apr-2006
*FIS 2	28	266424	1	28-Apr-89	28-Apr-2001	28-Apr-2006
FIS 3	29	266425	1	28-Apr-89	28-Apr-2001	28-Apr-2006

* Physical work was conducted on these claims in 1996.

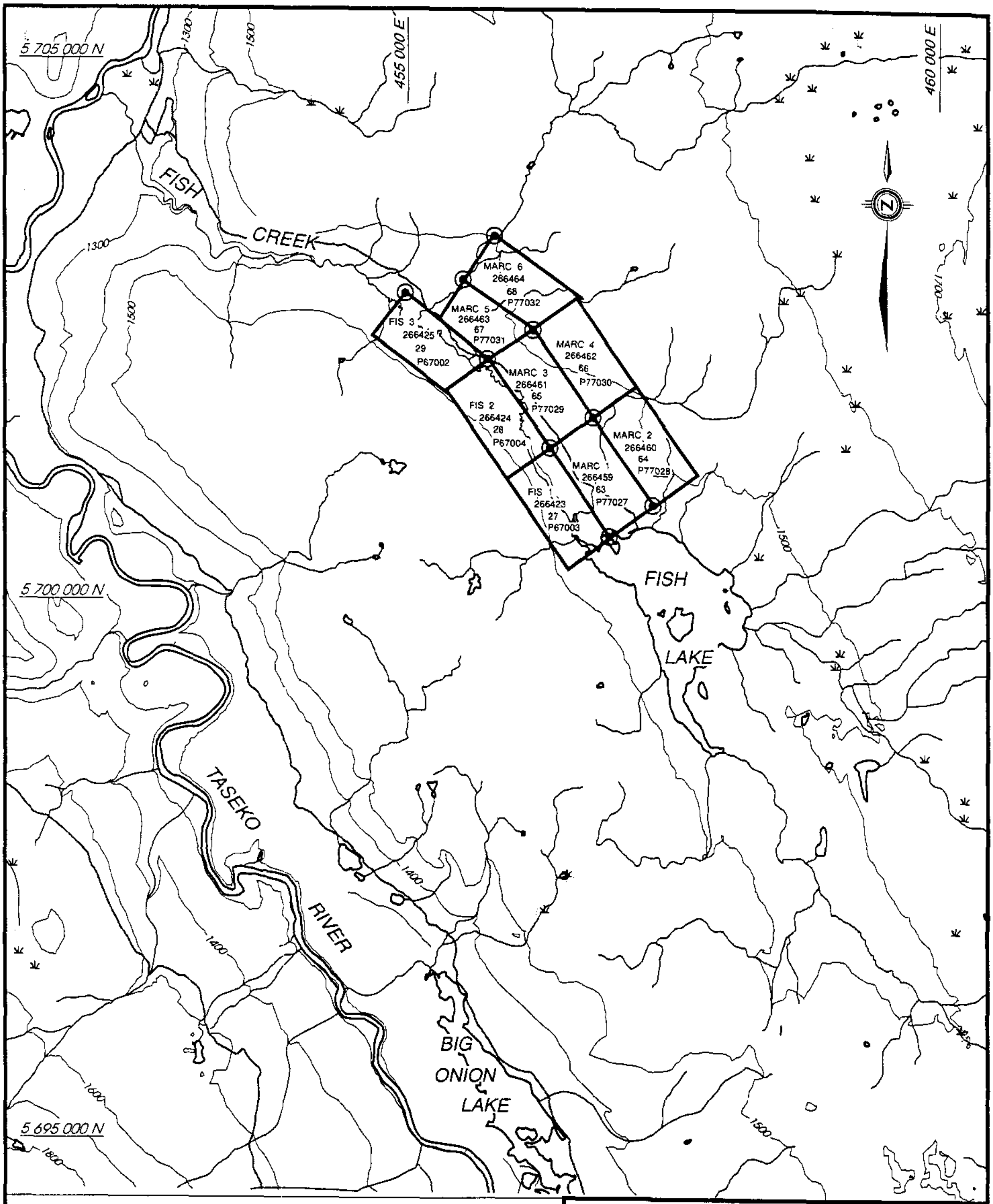


TASEKO MINES LIMITED

PROSPERITY PROJECT

PROPERTY MAP

Scale 1:100 000	Date March 1997	Figure 2.0
	By j.h.t	



◉ Legal Claim Post

0 1 2 MILES

0 1 2 3 KILOMETRES

TASEKO MINES LIMITED

PROSPERITY PROJECT

Placer Claims
Marc 1-6 & Fis 1-3

Scale	1:50 000	Date	March 1997	Figure
N.T.S.		By	j.h.t	3.0

6.0 Exploration History

Exploration in the vicinity of Prosperity Deposit began in the early 1930's when prospectors located pyrite and chalcopyrite bearing porphyritic dikes 1100 meters northeast of the current deposit.

In 1960, Phelps Dodge Corporation conducted a drilling program in the copper porphyry prospective ground for which early results were not encouraging. The claims were allowed to lapse.

In 1969, Taseko Mines Limited drilled 18 holes totaling 2,200 meters just south of the ground that Phelps Dodge had explored. Taseko discovered evidence of significant tonnage grading 0.25% to 0.30% copper.

Further drilling in the 1970's and 1980's by various companies that had option agreements with Taseko Mines Limited produced a 1990 drill indicated resource estimated at 203 million tonnes grading 0.24% copper and 0.48 grams/tonne gold. This 1990 resource was delineated over an area 850 meters in diameter and 200 to 400 meters in depth. Companies that worked the ground over this 20 year span included Nittetsu Mining Company Ltd. (1970), Quintana Minerals Corporation (1973-1974), Bethlehem Copper (1979-1981), and Cominco Ltd. (1982-1989).

In 1991, control of Taseko Mines Limited was assumed by the management team of Hunter Dickinson Inc. who, with an extensive drill program, expanded the known dimensions of the deposit to 1,450 meters in an east-west direction, 850 meters north-south, and to a depth of 850 meters. By the end of 1992, an additional 67,738 meters in 121 NQ and HQ diamond drill holes were completed by Taseko Mines Limited. and the geological resource was increased to 976 million tonnes grading 0.48 grams/tonne gold and 0.23% copper. A prefeasibility study on the viability of a 60,000 tonne/day open pit gold-copper, mine-mill complex was completed by Kilborn Engineering Pacific Limited at this time.

A further 4,065 meters in 12 oriented HQ diamond drill holes were drilled in 1994 by Taseko Mines Limited. These drill holes penetrated the upper third of the deposit in order to gain a better understanding of the gold and copper distribution with respect to the orientation of mineralized veinlets. A significant grade increase of 11% in gold and 4% in copper was reported in the oriented drill holes (Copeland et al., 1995).

Taseko Mines Limited commenced a drill program in June of 1996 that was aimed at proving that the increase in grade found in the 1994 drill holes was continuous over the entire deposit. By the end of December, 1996, 69 holes comprising 27,660 meters of NQ and HQ core had been drilled on the property: 54 holes within the proposed pit area and 15 holes in proposed tailings and waste rock storage areas.

7.0 Regional Geology

The Prosperity Project is located approximately 50 kilometers northeast of the Coast Plutonic Complex within the western-most Intermontaine Belt which lies between the Intermontaine and Coast morphologic belts. The surrounding area is underlain by poorly exposed Late Palaeozoic to Cretaceous lithotectonic assemblages cut by plutons of mid-Cretaceous to Early Tertiary age.

The Yalakom Fault, which has postulated Eocene dextral strike-slip offsets ranging from 80 to 100 kilometers, lies to the southwest of the deposit. Structural controls important to the localization of mineralization in the deposit may be related to the Yalakom Fault.

Volcaniclastic and andesitic volcanics that host the Prosperity Deposit are poorly exposed in the area. Feldspathic lithic sandstones, conglomerates, and shales comprise most of the rocks exposed east of the Yalakom Fault. These sedimentary rocks were correlated with the Lower Cretaceous Jackass Mountain Group by Riddell et al (1993) and Schiarizza et al (1993). The volcanic succession found near the mouth of Fish Creek was correlated to a separate unit in fault contact with adjacent sedimentary rocks. Fossils collected from shales intercalated with the volcanics near the mouth of Fish Creek were assigned Hauterivian (Early Cretaceous) ages (Riddell et al, 1993) and are correlative with sedimentary rocks that occur below the Prosperity deposit and the sediments encountered in drill holes to the south of the deposit (Caira et al, 1995).

The immediate area is covered by extensive Miocene non-marine sediments and plateau basalts.

8.0 Property Geology

The Prosperity deposit is predominantly hosted in Cretaceous andesitic volcanics and volcaniclastic rocks that are underlain in the southern part of the deposit at depth by clastic sedimentary rocks. An approximately 400 meter diameter, steeply dipping quartz diorite stock called the Fish Creek Stock is surrounded by an east-west trending complex of subparallel quartz feldspar dikes. Together the stock and dikes comprise the Late Cretaceous Fish Lake Intrusive Complex that is spatially and genetically related to the deposit.

The volcaniclastic andesite is comprised mainly of coarse-grained ash and crystal tuff, flows, and thinly bedded tuff with lesser lapilli tuff that occur in the lower eastern portion of the deposit. The upper eastern portion of the deposit is hosted by subvolcanic units of crowded feldspar porphyritic andesite and thick flows. Volcaniclastic sedimentary rocks lie beneath this andesitic sequence and subcrop south of the deposit. To the west, thick andesite flows are the most abundant rock type around the boundary of the Fish Creek Stock.

8.1 Volcanic and Sedimentary Rocks:

Major volcanic units that occur on the Prosperity Project area include massive and bedded andesite tuffs, subvolcanics, andesite flows, and heterolithic andesitic lapilli tuffs. Sediments occur beneath the volcanic sequence.

Massive and indistinctly bedded andesite tuffs are mainly coarse grained plagioclase crystal tuffs with some interbeds of volcanic wackes containing up to 25% detrital quartz.

Heterolithic andesitic lapilli tuff contains isolated to packed, subrounded to subangular clasts of andesite and lesser intrusive. The clasts are variably altered and may show destroyed borders. Beds of the tuffs range from a few centimeters to tens of meters thick.

A fine grained , light colored, siliceous, finely laminated andesite tuff forms relatively thick units up to several tens of meters, often interbedded with plagioclase crystal tuff. The planar laminae in this unit are millimeters in scale.

Andesite flows are plagioclase and hornblende porphyritic showing trachytic textures in a fine grained aphanitic matrix. Sharp-bordered hornblende and feldspar porphyritic andesite units most likely represent synvolcanic dikes and sills.

A shallow, approximately 500 meter thick, easterly dipping body of crowded porphyritic andesite possibly of subvolcanic origin is hosted in the eastern portion of the deposit. This unit also extends north and east beyond the deposit area. The unit is generally comprised of 45% to 65%, 1 to 2 millimeter long plagioclase phenocrysts; 10% to 15% hornblende phenocrysts $\leq$ 1 millimeter long; and occasional quartz eyes in a very fine grained groundmass.

The sediments that lie below the volcanic package include conglomerate, greywacke, arkose, mudstone, and local volcanic wackes. The relationship between the dominantly volcanic rocks to the north and the sedimentary rocks to the south is not well understood as intrusions and alteration mask their contacts.

8.2 Fish Lake Intrusive Complex:

The Fish Lake Intrusive Complex, spatially and genetically related to the Prosperity Deposit, is an intermediate porphyritic stock and dike complex of Lower Cretaceous age. This Complex occurs within regional dilation zones developed as part of the Yalakom-Fraser Fault structural regime. The complex consists of the Fish Creek Stock, a steeply south dipping, lenticular to cylindrical composite of quartz diorite, surrounded by an east-west trending complex of elongate lenticular subparallel quartz feldspar porphyry dikes.

The Fish Creek Stock is made up of three variations of quartz diorite: QD1 is an irregular east-west trending and south dipping lenticular body intruded along its southern and eastern sides by a composite of QD2 and QD3 that make up two thirds of the stock.

The three quartz diorite units vary mainly in grain size and texture and often exhibit gradational boundaries. The QD1 unit is comprised of 45% to 60%, 1 to 2 mm, crowded, seriate plagioclase phenocrysts that in places show conspicuous heterogeneity in grainsize on the scale of a few centimeters to tens of centimeters. The matrix is a fine grained granular plagioclase-quartz mosaic with minor altered mafic and opaque minerals. An average of 5%, and in places exceeding 10%, primary magmatic orthoclase is more or less evenly distributed in the matrix. QD2 is coarser than QD1 and contains more seriate to bimodal 35% to 55% crowded, 1 to 7 mm, porphyritic plagioclase phenocrysts. The QD2 grades into QD3 which has more abundant plagioclase phenocrysts and a coarser equigranular to subporphyritic texture with an average grainsize of 3 mm. Subhedral quartz grains, typically comprising between 3% to 6% of the rock mass (but may comprise up to 10%) and 3mm to 5 mm in size to a maximum of 8mm, occur in all three variations of quartz diorite.

Quartz feldspar porphyry dikes largely postdate and crosscut the QD1 phase as east-west trending, south dipping, subparallel dikes that appear to be close in age to the Fish Creek Stock. The dikes are a few meters to tens of meters thick. The quartz feldspar dikes typically contain 25% to 35%, 3mm to 4 mm (up to 7 mm) subhedral to euhedral plagioclase phenocrysts and 2% to 5%, 1mm to 3mm, subhedral quartz phenocrysts in a siliceous aphanitic groundmass. This unit can contain hornblende phenocrysts 1 to 3 mm long and, where less altered, up to 1% black euhedral biotite books. The matrix is similar to that of the quartz diorite units but is generally finer grained and contains more quartz.

Post ore porphyritic diorite dikes that trend east-west and northwest-southeast show considerable variation in texture. Plagioclase phenocrysts in a fine grained phaneritic matrix vary in size from 1 to 3 mm comprising 15% to 25% of the unit to a maximum of 30%. Hornblende phenocrysts vary in size from 1 to 4 mm and make up approximately

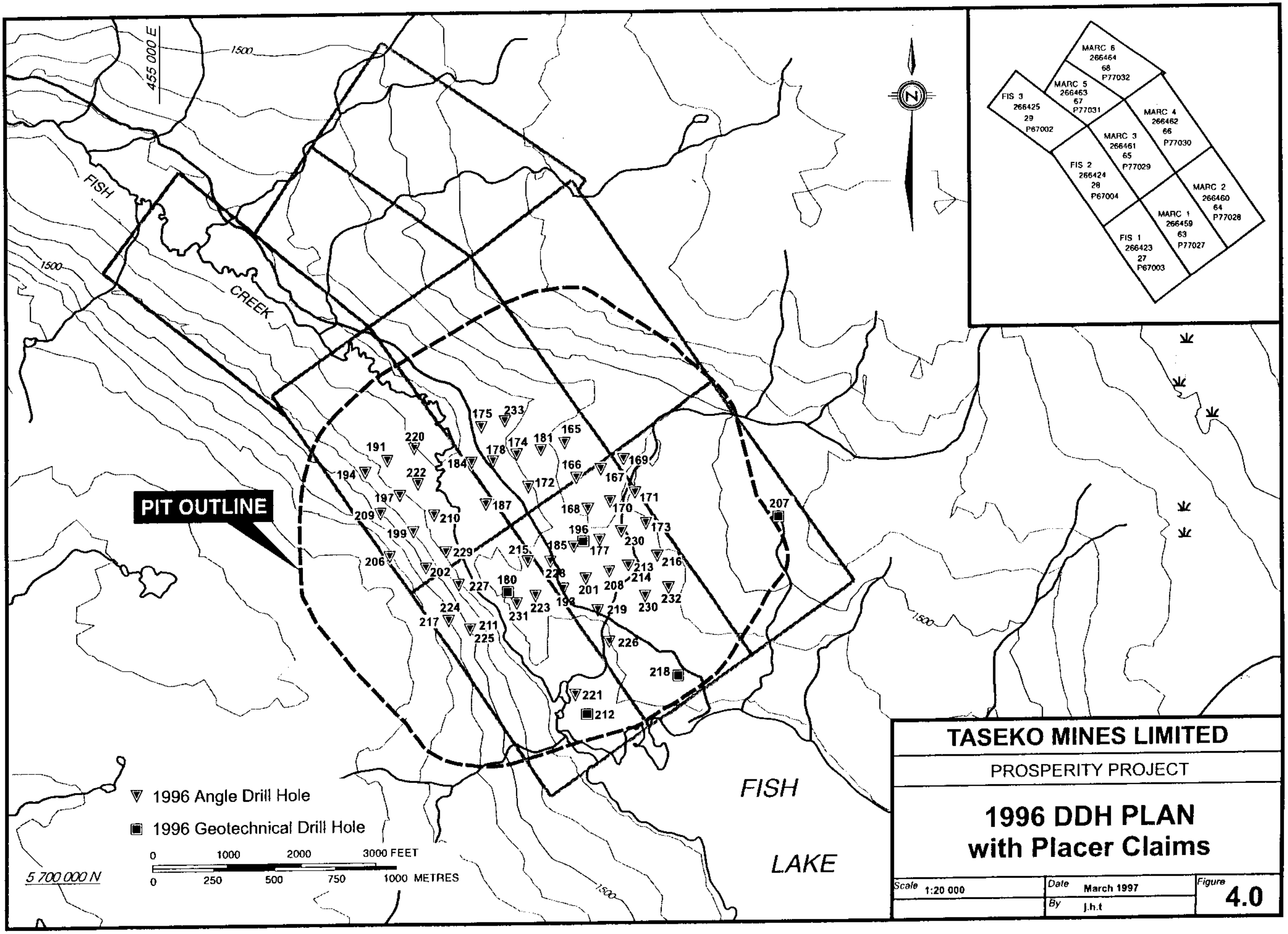
12% to 15% of the rock. Quartz eyes ≤ 1 to 2 millimeters are present in concentrations up to 2%.

9.0 Exploration Program

The Exploration program carried out by Taseko Mines Limited from July 10 to December 14, 1996, produced 28,235 meters of core in 69 holes. Two Longyear 38 diamond drills and two Longyear 44 diamond drills were utilized to complete the drill testing within the proposed pit, waste rock and tailings storage areas. A D6 Finning Cat was used to complete drill moves and a Finning 240B Excavator was used to build drill pads and drill sumps.

The majority of the holes within the proposed pit area (47 in total) were drilled at a dip of -45° and an azimuth of 340° (Figure 4.0). Drill holes cored to determine geotechnical parameters and acid generation potential within the pit (7 in total) were drilled at various orientations. Vertical holes were drilled for geotechnical purposes at proposed tailings and waste rock sites outside of the proposed pit area (15 in total). Drill pads were reclaimed soon after they were completed although frozen ground inhibited reclamation during the winter months. Drill pads not reclaimed during winter months will be reclaimed in the spring of 1997.

In addition to grade enhancement by better sampling of vertical auriferous quartz-pyrite veins, geotechnical, metallurgical and acid base accounting aspects were addressed by the drill core sampling and logging programs. Detailed mapping of the overburden was undertaken to determine the true thickness over the deposit and to characterize the acid generating potential of the material. Heavy mineral concentrates were obtained from various locations within the overburden and utilized along with assay results to determine if placer gold was present within the pit area.



TASEKO MINES LIMITED

PROSPERITY PROJECT

1996 DDH PLAN with Placer Claims

Scale 1:20 000	Date March 1997	Figure 4.0
	By j.h.t	

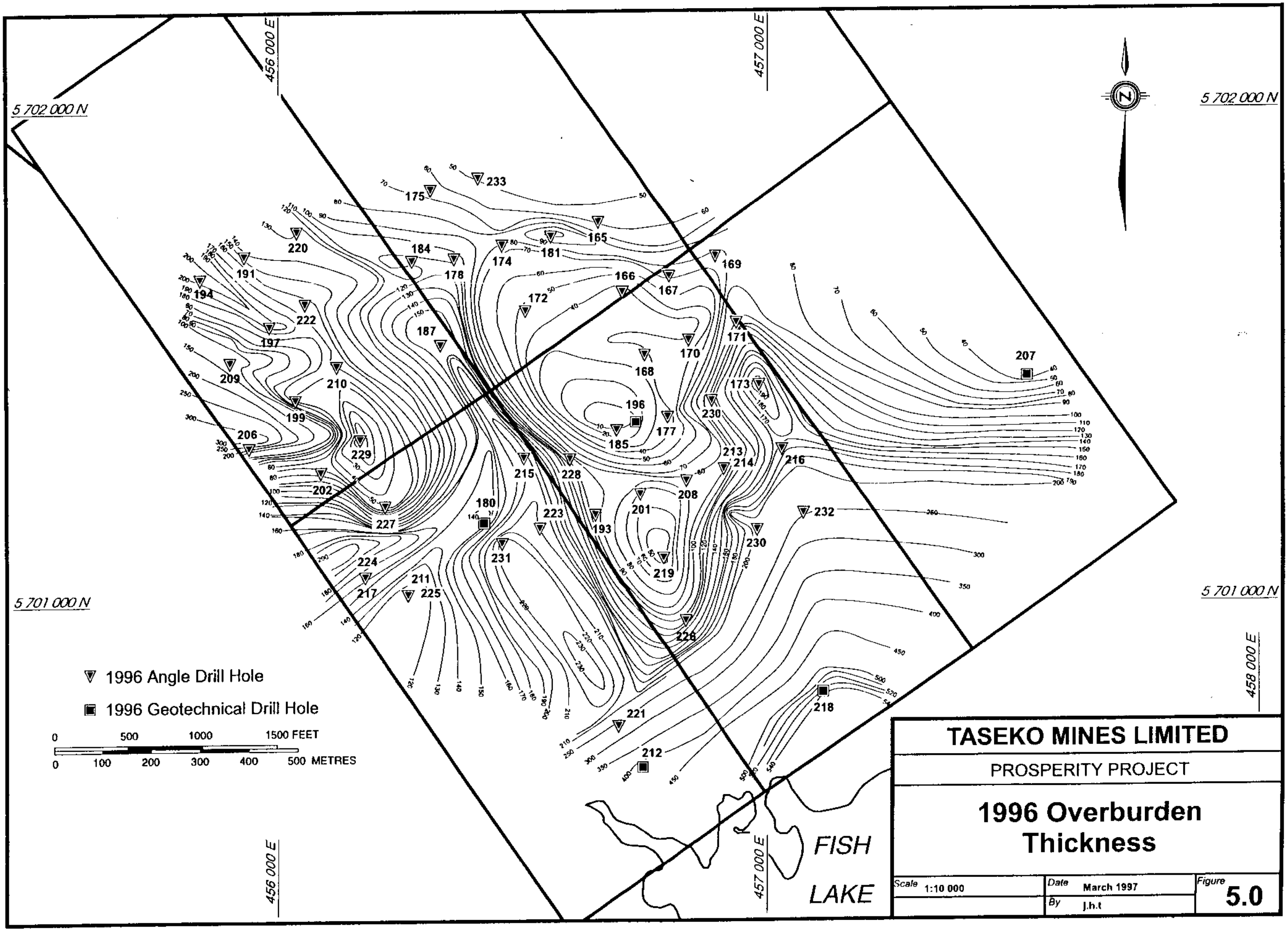
10.0 Placer Program

The 1996 overburden drilling program provided more detail on the estimated overburden thickness within the deposit area. In 1996, Casing Advancers were utilized to core the overburden which enabled the drill rods and casing to be put down the hole at the same time. This method of drilling increased the recovery of the overburden dramatically.

Detailed geological logging of the overburden has enabled recognition of depositional environments that were not observed during previous years of drilling. In the past, overburden depths were established using a tricone bit to drill to competent rock. This led to errors in determining the exact location of the overburden/bedrock interface as the triconed depth did not take into account that weathered incompetent bedrock may have been drilled as well. The use of casing advancers has enabled more precise recognition of the bedrock/overburden interface and as a result, the thickness of overburden reported in previous years drilling has decreased somewhat.

Using the newly acquired overburden data, an isopach map of the overburden thickness without correction for topography was completed (Figure 5.0), as well as a topography map of the overburden/bedrock interface showing the paleo outcrop patterns (Figure 6.0).

Topographic lows and corresponding overburden thickness highs occur as a 950 meter long northwest-southeast linear trend centered around drill holes 96-184, 96-187, 96-215, 96-223 and 96-221, as well as a 300 meter long northwest-southeast linear trend centered

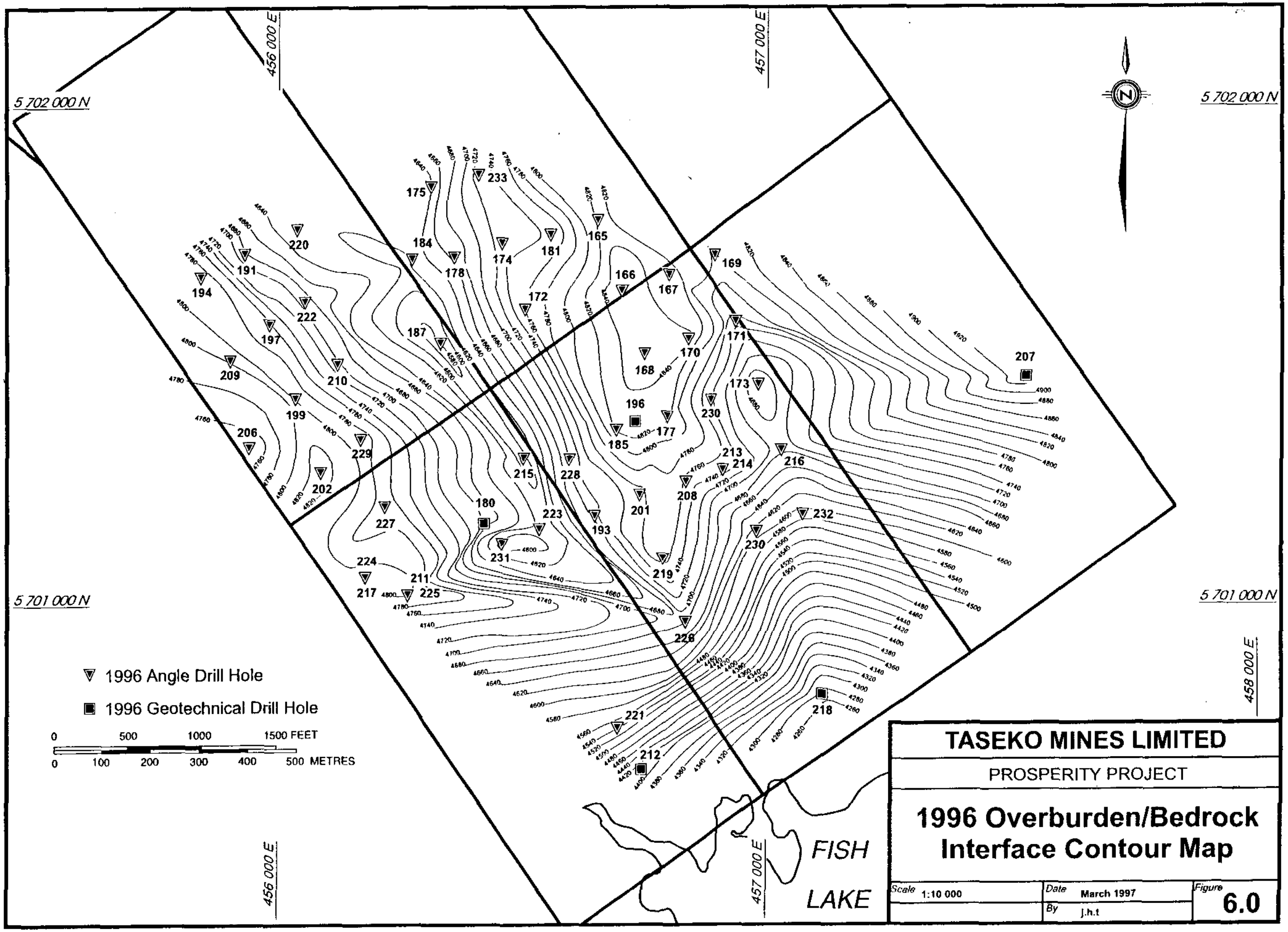


TASEKO MINES LIMITED

PROSPERITY PROJECT

1996 Overburden Thickness

Scale 1:10 000	Date March 1997	Figure 5.0
	By J.h.t	



TASEKO MINES LIMITED

PROSPERITY PROJECT

1996 Overburden/Bedrock Interface Contour Map

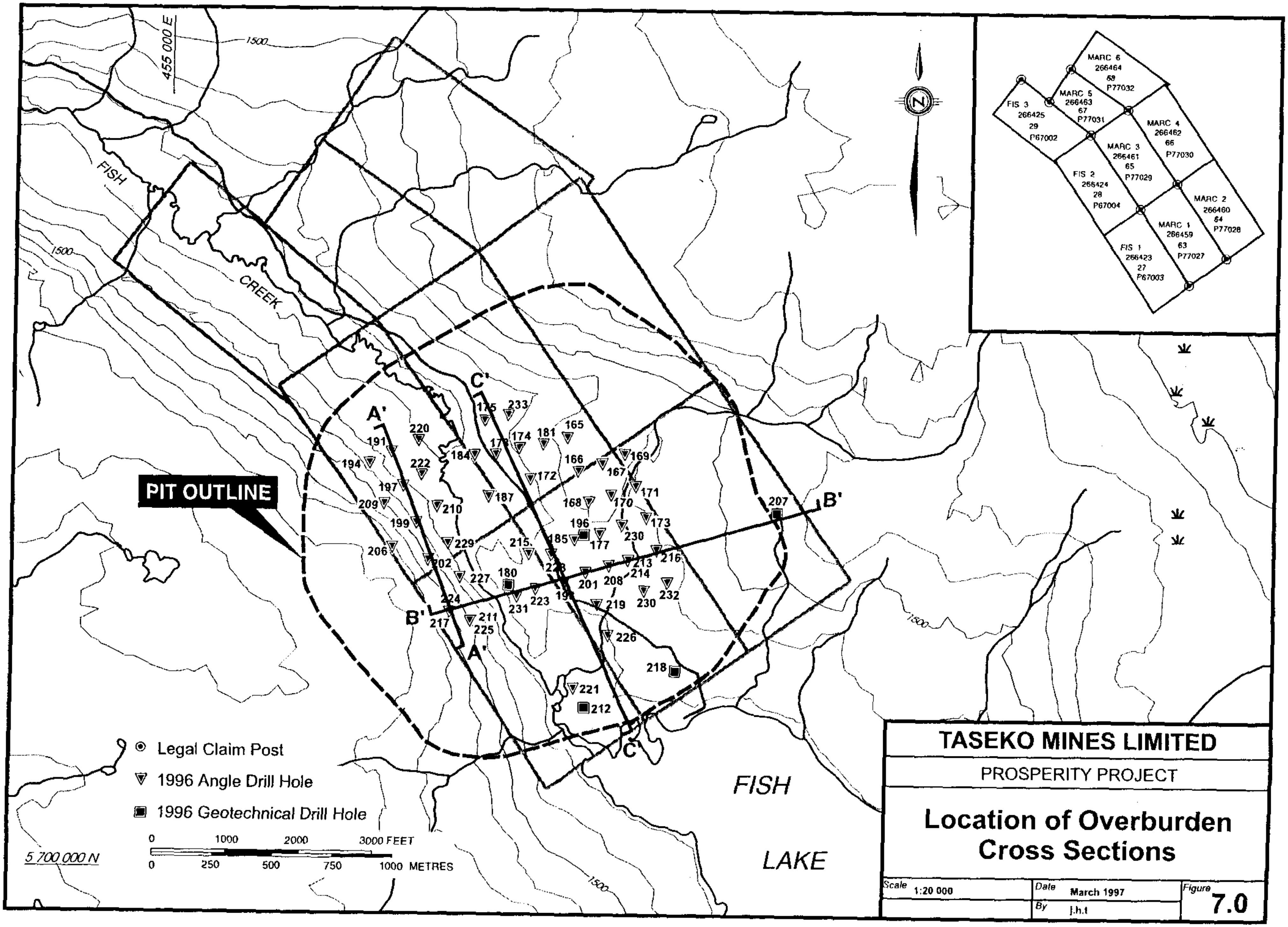
Scale 1:10 000	Date March 1997 By J.h.t	Figure 6.0

around drill holes 96-171, 96-173, 96-216. A large basin exists at the south-southeast end of both these linear trends coinciding with the highest overburden thickness' and the deepest bedrock interceptions encountered within the pit area.

The sediments encountered in the overburden portion of the diamond drill holes consist of glacial till (OVB), basalt flows (BSLT), a layer of iron-oxidized paleo debris flow (possible fanglomerate?) (OVB2), glaciolacustrine sediments (SILT), and various combinations of the above. Overburden thickness in general varies from 0 meters to 68 meters but is as thick as 165 meters to the south of the deposit near Fish Lake.

In general, the proposed pit area is covered by a widespread blanket of glacial till with minor elongate gravel eskers. The glacial till consists of a medium to dark gray clay rich matrix which contains up to 60% heterolothic rounded gravel, cobbles and boulders. The clay in the matrix is very plastic and contains only a small percentage (1% to 5%) silt component. This unit seems to be a fairly typical example of unsorted basal till. A prominent 750 meter long esker occurs on the east side of Fish Creek and extends south to within 250 meters of the outlet of Fish Lake.

The west side of Fish Creek is predominated by a thick sequence of basalt flows which can be observed in cliffs outcropping along the bank of the creek (Figures 7.0 , 7.1, and 7.2). The basal till occurs as an irregular cover up to 19 meters thick over the basalt flows which in turn are in direct contact with bedrock or overlying a variably extensive and irregularly thick iron-oxidized angular debris flow (fanglomerate?) (OVB2). The basalt,



TASEKO MINES LIMITED

PROSPERITY PROJECT

Location of Overburden Cross Sections

Scale 1:20 000	Date March 1997	Figure 7.0
	By j.h.t	

which can be from 0.50 meters to 48.82 meters thick, is vesicular in its upper reaches but more massive and feldspar rich near the base of thicker flows. Thin 1-3 meter intersects of brecciated basalt with devitrified brown to yellow cream colored glass as the cementing matrix are encountered in the southern portion of Fish Creek. These breccias are sometimes proximal to glaciolacustrine sediments indicating that perhaps the glass was formed when lavas were quenched by standing water.

East of Fish Creek and north of Fish Lake, the overburden consists predominantly of a patchy and variably thick sequence of basal till that covers OVB2 and bedrock.

OVB2 consists of a rusty tan colored silty and sandy clay rich matrix containing 30% to 40% clasts. The clasts are angular, 2 to 5 cm in diameter, and variably altered. Colors vary from white, green, and gray, to hematite stained. This unit is very colorful and is distinguished from the basal till by color and the fact that the clasts are generally smaller and angular. The OVB2 is partially cemented (postulated to be a week ferricrete cement made up mostly of limonite and trace calcite) and may represent a paleo-debris flow or fanglomerate that underwent a fairly long period of weathering. The strong limonite altered matrix appears to grade into a less altered dark green-gray sandy and silty matrix containing similar clasts to the limonite altered sections. This color gradation probably indicates the depth of paleo-surface weathering.

Small islands of basalt, nine to thirteen meters thick, occur near holes 96-201, 96-219, and 96-172.

Overburden thickness increases gradually towards Fish Lake and becomes increasingly silt rich. Near the lake they consist entirely of silts and clays which are typical of sediments deposited in a glacial lacustrine environment. These silt and clay rich lake sediments sometimes contain black organic debris and are varved. Two paleo-fluvial channels were intersected in drill hole 96-212. These channels are indicated by coarser gravel located within a succession of fine grained silt and sand (see Figure 7.0 and 7.3). The position of the two buried channels suggests that a paleo-river which drained the lake gradually migrated 100 to 150 meters west to its current position today.

The thickness of lake sediments intercepted, and the occurrence of varved lake sediments 600 to 650 meters north of Fish Lake in the south central and the eastern portion of the deposit, suggests that a lake has been present in the same vicinity as Fish Lake for a long period of time and may have been considerably larger in the past.

The paleo outcrop patterns (Figure 6.0) indicate a south sloping valley in the southeastern portion of the proposed pit area near drill holes 96-169, 96-171, 96-173, 96-216, and 96-232. A flat to slightly northward sloping valley can be seen centered around drill holes 96-184, 96-187, 96-215, and 96-223 in the western portion of the pit area subparallel and east of Fish Creek.

11.0 Results and Conclusions

Pan concentrate samples were taken from 12 locations in eleven drill holes. The samples were chosen from intervals that were coarser than the surrounding sediments and possibly indicative of paleo-channels where gold may have been concentrated. The majority of the samples were chosen from drill holes centered near the paleo outcrop lows evident in Figure 6.0. Fluvial deposits encountered in these paleo low-lying areas may have had a longer period of time to concentrate gold in the area.

Anomalous values occurred in 6 of the 12 pan concentrate samples (see Table 1). The strongest anomalies occur in drill holes 96-180, 96-231, 96-221, and 96-212 which lie in the western paleo outcrop low-lying area. The anomalies in adjacent drill holes 96-180 and 96-231 are 35.63 meters (117 feet) and 57.27 meters (188 feet) below the surface respectfully and are probably from two different channels. This suggests that there may be multiple layers of anomalous sediments within the paleo low-lying area. A similar occurrence is evident in drill holes 96-221 and 96-212 to the south where anomalies occur at depths of 63.63 meters (209 feet) and 21.12 meters (69 feet) below the surface respectfully.

Entire core was sampled from the vertical drill hole 96-218 and sent for assay (Table 2). Results show an anomalous OVB2 zone from 48.0 meters (158 feet) to 54.0 meters (177 feet) in three 2 meter samples where values of 0.35, 0.30 and 0.20 g/t Au were returned.

Additional detailed drilling, logging, and sampling of the overburden is required to better define the potential for placer gold extraction at the Prosperity Deposit. Further studies of gold grainsize distribution within the sediments would also have to be completed in order to better evaluate the placer gold potential. In addition, representative samples of the OVB2 should be taken throughout the deposit as the strongly limonite altered debris flow or fanglomerate appears to carry enriched gold values.

Overall, the 1996 surface sediment sampling program has outlined several areas of anomalous gold within the Deposit overburden. The program has indicated that gold has been concentrated in some of the channel deposits intersected by the 1996 drill holes. Further detailed sampling of 1996 cored overburden and possibly more drilling would enhance the chances of delineating a favorable horizon hosting a high grade placer gold deposit.

TABLE 1

PROSPERITY PROJECT
1996 Placer Gold Exploration Program
Pan Concentrate Assay Results

Sample #	Hole ID	From (m)	To (m)	Sample Length (m)	Description	Gold Grade (g/t) Pan Concentrate
P9601	96-171	38.00	38.71	0.71	OVB2 @ Bedrock/Overburden interface	52.7
P9602	96-173	83.50	84.50	1.00	Glacial till with limonite cemented breccia below	17.7
P9603	96-180	49.40	50.40	1.00	silt & gravel	88.4
P9604	96-215	40.00	41.00	1.00	60% gravel, 40% clay	5.1
P9605	96-216	72.50	73.50	1.00	50% clay, 50% cobbles and sand	82.5
P9606	96-212	29.20	29.87	0.67	70% silt, 30% sand and gravel	324.1
P9607	96-212	73.50	74.50	1.00	80% silt, 20% coarse sand	10.6
P9608	96-220	31.00	32.00	1.00	70% sand and silt, 30% gravel	1.65
P9609	96-221	89.00	90.00	1.00	30% clay and silt, 70% cobbles above lake sediments	83.3
P9610	96-223	48.00	49.00	1.00	80% sand and silt, 20% gravel	3.7
P9611	96-231	80.00	81.00	1.00	silt and sand	130.5
P9612	96-232	84.43	87.48	3.05	60% gravel, 40% sand. Below lake sediments	13.2

* Samples in hole numbers 96-180, 96-215, 96-220, 96-221, 96-223, 96-231, 96-171, 96-173, 96-216, 96-232 are from possible paleo-river channels in the two bedrock lows that show up on the bedrock-overburden interface contour map.

* Samples in hole numbers 96-212 are from old fluvial channels within a thick lake sediment package.

TABLE 2

PROSPERITY PROJECT

1996 Placer Gold Exploration Program
Drill Core Sample Assay Results

Sample #	Hole ID	From (m)	To (m)	Sample Length (m)	Description	Gold Assay (g/t)
224501	96-218	28.04	30.00	1.96	gravel and limonite altered well sorted silt	0.01
224510	96-218	44.00	46.00	2.00	35% heterolithic angular clasts 1 to 5 cm in limonitic silty clay. Debris flow or fanglomerate.	0.15
224511	96-218	46.00	48.00	2.00	as above	0.09
224512	96-218	48.00	50.00	2.00	as above	0.35
224513	96-218	50.00	52.00	2.00	as above	0.30
224514	96-218	52.00	54.00	2.00	as above	0.20
224515	96-218	54.00	56.00	2.00	as above	0.03
224516	96-218	56.00	58.00	2.00	as above	0.05
224517	96-218	58.00	60.00	2.00	laminated glaciolacustrine silt beds with limonite alteration along select beds.	0.01
224518	96-218	60.00	62.00	2.00	as above	0.01
224519	96-218	62.00	64.00	2.00	as above	0.01
224520	96-218	64.00	66.00	2.00	as above	0.01
224521	96-218	66.00	68.00	2.00	as above	0.01
224522	96-218	68.00	70.00	2.00	as above	0.01
224523	96-218	70.00	72.00	2.00	as above	0.01
224525	96-218	72.00	74.00	2.00	as above	0.01
224526	96-218	74.00	76.00	2.00	as above	0.01
224527	96-218	76.00	78.00	2.00	as above	0.01
224528	96-218	78.00	80.00	2.00	as above	0.01
224529	96-218	80.00	82.00	2.00	as above	0.01
224530	96-218	82.00	84.00	2.00	as above	0.01
224531	96-218	84.00	86.00	2.00	as above	0.01
224532	96-218	86.00	88.00	2.00	as above	0.01
224533	96-218	88.00	90.00	2.00	as above	0.01
224534	96-218	90.00	92.00	2.00	as above	0.01
224535	96-218	92.00	94.00	2.00	as above	0.01
224536	96-218	94.00	96.00	2.00	as above	0.01
224537	96-218	96.00	98.00	2.00	as above	0.01
224538	96-218	98.00	100.00	2.00	as above	0.01
224539	96-218	100.00	102.00	2.00	as above	0.01

TABLE 2 CONTINUED

PROSPERITY PROJECT

1996 Placer Gold Exploration Program
Drill Core Sample Assay Results

Sample #	Hole ID	From (m)	To (m)	Sample Length (m)	Description	Gold Assay (g/t)
224540	96-218	102.00	104.00	2.00	as above	0.01
224541	96-218	104.00	106.00	2.00	as above	0.01
224542	96-218	106.00	108.00	2.00	as above	0.01
224543	96-218	108.00	110.00	2.00	as above	0.01
224544	96-218	110.00	112.00	2.00	as above	0.01
224545	96-218	112.00	114.00	2.00	as above	0.01
224547	96-218	114.00	116.00	2.00	as above	0.01
224548	96-218	116.00	118.00	2.00	as above	0.01
224549	96-218	118.00	120.00	2.00	as above	0.01
224550	96-218	120.00	122.00	2.00	as above	0.01
224551	96-218	122.00	124.00	2.00	as above	0.01
224552	96-218	124.00	126.00	2.00	as above	0.01
224553	96-218	126.00	128.00	2.00	as above	0.01
224554	96-218	128.00	130.00	2.00	debris flow with mud matrix gray-green in color, 25% to 30% angular clasts to 3 cm	0.01
224555	96-218	130.00	132.00	2.00	as above	0.01
224556	96-218	132.00	134.00	2.00	as above	0.01
224557	96-218	134.00	136.00	2.00	as above	0.01

12.0 References

CAIRA, N., FINDLAY, A., DeLONG, C., REBAGLIATI, C.M., 1995. Fish Lake porphyry copper-gold deposit, central British Columbia. CIM Special Volume 46, Porphyry Deposits of the Northwestern Cordillera of North America. Pages 327 to 342.

COPELAND, D.J., DELONG, R.C., HASLINGER, R.J., KONST, R.A., NIOSI, D.W., REBAGLIATI, C.M., and TITLEY, E.D., 1995. Fish Lake Porphyry Gold-Copper Deposit 1994 Development Program, Gold and Copper Grade Enhancement By Inclined Oriented Core Drilling. Unpublished internal company report.

RIDDELL, J., SCHIARIZZA, P., GABA, R.G., CAIRA, N., FINDLAY, A., 1993. Geology and Mineral Occurrences of the Mount Tatlow Map Area (92O/5, 6 and 12) In Geological Fieldwork 1992 British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1993-1, 37-52.

SCHIARIZZA, P., GLOVER, J.I., UMHOEFER, P.J., GABA, R.G., RIDDELL, J.M., PAYNE, D.F., MACDONALD, R.W.J., LYNCH, T., SAFTON, K.E., and SAJGALIK, P.P, 1993. Geology of the Noaxe Creek and southwestern Big Bar Creek Map Areas (92O/1, 2); B.C. Ministry of Energy, Mines and Petroleum Resources, Geoscience Map 1993-9.

13.0 Statement of Costs

1996 PLACER GOLD EXPLORATION PROGRAM

OVERBURDEN DRILLING (J.T. Thomas Diamond Drilling)		
Drilling: 8,100 feet @ $21.70 per foot	$ 175,770.00	
Sub-total		$ 175,770.00
SAMPLE ANALYSIS		
International Metallurgical and Environmental Inc.		
12 Samples @ $72.00 per sample	$ 864.00	
Chemex Labs		
97 Samples @ $24.00 per sample	$ 2,328.00	
Sub-total		$ 3,192.00
REPORT PREPARATION (Taseko Mines Limited Staff)		
6 days @ $300.00 per day	$ 1,800.00	
Sub-total		$ 1,800.00
TOTAL EXPENDITURES 1996 PLACER PROGRAM		**$ 180,762.00**

14.0 Statement of Qualifications

I, Gernot Wober, of the City of Vancouver, Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am an employee of Taseko Mines Limited, with a business office at Suite 1020 - 800 West Pender Street, Vancouver, British Columbia.
2. I am a graduate in Geology with a Bachelor of Science degree from the University of British Columbia in 1991.
3. I have practiced my profession continuously since graduation.
4. I was the Project Geologist on the subject property and I assisted in carrying out the activities surrounding the 1996 Placer Gold Exploration Program. I co-authored this report which documents the results of the program.

Gernot Wober, B.Sc.

Dated at Prosperity Site, British Columbia, this 15th day of March, 1997.

14.1 Statement of Qualifications

I, Lena K. Brommeland, of the City of Vancouver, Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am an employee of Taseko Mines Limited, with a business office at Suite 1020 - 800 West Pender Street, Vancouver, British Columbia.
2. I am a graduate in Geology with a Bachelor of Science degree from the University of British Columbia in 1989.
3. I have practiced my profession continuously since graduation.
4. I was the Site Manager and Senior Project Geologist on the subject property and I supervised the activities surrounding the 1996 Placer Gold Exploration Program. I co-authored this report which documents the results of the program.

Lena K. Brommeland

Lena K. Brommeland, B.Sc.

Dated at Prosperity Site, British Columbia, this 15th day of March, 1997.

APPENDIX 1

PROSPERITY PROJECT
1996 Placer Gold Exploration Program
Drill Hole Location, Orientation, and Core Size

Hole ID	Core Size	Core Size O.D.(mm)	Northing (m)	Easting (m)	Elevation (m)	Azimuth (deg-min-sec)	Dip (deg)
96-165	NQ2	51	10305.34	10423.79	1485.54	336 50 28	-44.81
96-166	NQ2	51	10165.10	10475.40	1491.07	334 01 20	-44.26
96-167	NQ2	51	10198.88	10569.07	1494.04	340 04 18	-45.20
96-168	NQ2	51	10035.36	10522.24	1491.52	337 12 52	-46.78
96-169	NQ2	51	10237.99	10661.54	1486.63	339 27 20	-44.76
96-170	NQ2	51	10071.60	10614.86	1485.91	336 43 28	-44.35
96-171	NQ2	51	10105.02	10711.12	1479.91	340 04 45	-45.71
96-172	NQ2	51	10123.85	10277.02	1465.12	340 59 18	-45.89
96-173	NQ2	51	9978.54	10755.36	1481.46	338 13 15	-44.23
96-174	NQ2	51	10257.92	10228.73	1464.46	338 16 55	-45.27
96-175	NQ2	51	10371.95	10080.61	1433.43	340 33 47	-43.98
96-177	NQ2	51	9912.46	10567.34	1481.33	337 04 30	-45.09
96-178	NQ2	51	10230.17	10131.41	1453.99	342 39 05	-44.61
96-180	HQ3	61	9699.27	10200.23	1465.70	187 34 35	-59.64
96-181	NQ2	51	10275.21	10328.75	1476.46	338 05 08	-45.65
96-184	NQ2	51	10229.45	10047.03	1441.80	339 24 30	-44.35
96-185	NQ2	51	9885.94	10470.27	1469.67	340 54 30	-45.34
96-187	NQ2	51	10054.11	10107.92	1446.57	343 44 06	-43.73
96-191	NQ2	51	10233.32	9705.28	1453.68	337 55 15	-45.66
96-193	NQ2	51	9713.04	10427.18	1466.22	340 27 40	-44.91
96-194	NQ2	51	10188.48	9614.58	1466.03	338 37 53	-44.86
96-196	HQ3	61	9900.78	10503.72	1478.71	155 26 02	-58.76
96-197	NQ2	51	10093.54	9756.15	1462.04	339 01 35	-46.12
96-199	NQ2	51	9942.17	9809.52	1477.01	339 27 39	-45.21
96-201	NQ2	51	9753.55	10518.38	1469.72	340 17 30	-44.34
96-202	NQ2	51	9793.61	9866.30	1491.54	342 39 08	-44.60
96-206	NQ2	51	9845.13	9715.00	1546.89	340 00 00	-44.92
96-207	HQ3	61	9999.17	11300.08	1513.36	269 40 40	-42.54
96-208	NQ2	51	9784.01	10613.25	1473.71	335 29 23	-44.32
96-209	NQ2	51	10021.97	9674.56	1496.85	335 58 16	-46.12
96-210	NQ2	51	10011.18	9895.20	1451.99	338 28 11	-44.85
96-211	NQ2	51	9549.03	10048.31	1497.30	338 51 35	-47.39
96-212	HQ3	61	9199.00	10529.15	1467.04	340 41 22	-43.72
96-213	NQ2	51	9804.43	10688.66	1473.30	338 42 01	-44.90

PROSPERITY PROJECT
1996 Placer Gold Exploration Program
Drill Hole Location, Orientation, and Core Size

Hole ID	Core Size	Core Size	Northing	Easting	Elevation	Azimuth	Dip
		O.D.(mm)	(m)	(m)	(m)	(deg-min-sec)	
96-215	NQ2	51	9827.07	10278.86	1459.55	337 07 03	-45.76
96-216	NQ2	51	9844.81	10804.72	1481.21	340 45 13	-45.03
96-217	NQ2	51	9584.16	9960.06	1520.40	341 01 03	-45.25
96-218	HQ3	61	9359.46	10891.93	1464.27	149 24 50	-89.30
96-219	NQ2	51	9624.44	10565.72	1467.66	340 14 27	-45.06
96-220	NQ2	51	10285.08	9812.40	1440.53	337 28 36	-44.60
96-221	HQ3	61	9285.33	10477.51	1461.95	340 50 36	-45.00
96-222	NQ2	51	10139.64	9830.55	1446.33	338 45 17	-44.44
96-223	NQ2	51	9686.81	10313.99	1464.00	336 16 40	-44.20
96-225	NQ2	51	9549.50	10047.72	1497.00	N/A	-90.00
96-226	NQ2	51	9496.42	10617.71	1460.80	337 32 43	-46.48
96-227	NQ2	51	9726.62	9981.32	1468.73	336 57 05	-46.37
96-228	NQ2	51	9817.15	10399.06	1464.61	340 13 34	-45.51
96-229	NQ2	51	9856.30	9929.93	1459.20	337 32 58	-42.83
96-230	NQ2	51	9678.89	10758.56	1471.13	339 59 52	-44.32
96-231	HQ3	61	9650.09	10240.28	1467.40	340 21 43	-44.85
96-232	NQ2	51	9717.32	10853.02	1474.59	339 38 22	-45.38
96-233	HQ3	61	10392.85	10179.69	1456.29	339 24 04	-44.95

APPENDIX 2

PROSPERITY GOLD-COPPER PROJECT
1996 OVERBURDEN THICKNESS

Drill Hole #	Claim	Overburden Depth(m)	Overburden Depth (ft)	Vertical Thickness(ft)	Vertical Thickness(m)
96-165	MARC 3	21.95	72	51	15.52
96-166	MARC 3	15.85	52	37	11.21
96-167	MARC 3	32.61	107	76	23.06
96-168	MARC 3	15.85	52	37	11.21
96-169	MARC 4	33.83	111	78	23.92
96-170	MARC 3	14.63	48	34	10.34
96-171	MARC 4	41.76	137	97	29.53
96-172	MARC 3	20.42	67	47	14.44
96-173	MARC 3	84.70	278	196	59.89
96-174	MARC 3	31.70	104	74	22.42
96-175	MARC 3	27.43	90	64	19.40
96-177	MARC 3	15.44	51	36	10.92
96-178	MARC 3	44.20	145	103	31.25
96-180	FIS 2	57.72	189	134	40.81
96-181	MARC 3	43.76	144	102	30.94
96-184	MARC 3	48.77	160	113	34.49
96-185	MARC 1	0.00	0	0	0.00
96-187	MARC 3	74.68	245	173	52.81
96-191	FIS 2	38.71	127	90	27.37
96-193	MARC 1	41.46	136	96	29.32
96-194	FIS 2	8.23	27	19	5.82
96-196	MARC 1	3.96	13	9	2.80
96-197	FIS 2	15.77	52	37	11.15
96-199	FIS 2	20.42	67	47	14.44
96-201	MARC 1	29.35	96	68	20.75
96-202	FIS 2	26.52	87	62	18.75
96-206	FIS 2	138.00	453	320	97.58
96-207	MARC 2	12.65	42	29	8.94
96-208	MARC 1	34.60	114	80	24.47
96-209	FIS 2	46.95	154	109	33.20
96-210	FIS 2	24.38	80	57	17.24
96-211	FIS 1	48.28	158	112	34.14
96-212	FIS 1	173.20	568	402	122.47
96-213	MARC 1	39.62	130	92	28.02
96-214	MARC 1	38.71	127	90	27.37
96-215	MARC 1	84.35	277	196	59.64

PROSPERITY GOLD-COPPER PROJECT
1996 OVERBURDEN THICKNESS

Drill Hole #	Claim	Overburden Depth(m)	Overburden Depth (ft)	Vertical Thickness(ft)	Vertical Thickness(m)
96-217	FIS 2	89.00	292	206	62.93
96-218	MARC 1	165.56	543	543*	165.56
96-219	MARC 1	17.37	57	40	12.28
96-220	FIS 2	43.89	144	102	31.03
96-221	FIS 1	101.88	334	236	72.04
96-222	FIS 2	30.48	100	71	21.55
96-223	FIS 2	84.25	276	195	59.57
96-226	MARC 1	44.81	147	104	31.69
96-227	FIS 1	20.42	67	47	14.44
96-228	MARC 1	33.22	109	77	23.49
96-229	FIS 2	0.00	0	0	0.00
96-230	MARC 1	90.53	297	210	64.01
96-231	FIS 1	95.70	314	222	67.67
96-232	MARC 1	107.72	353	250	76.17
96-233	MARC 3	20.05	66	47	14.18

*Note: 96-218 was drilled as a vertical hole.

APPENDIX 3

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 165 Page 1 of 11

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-45°		340°					
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	
TRIC 1	Triconed Bedrock	
BSLT 2	Basalt	
OVB2 3	Unconsolidated Sediments	
PMPD 11	Post-Ore Intrusive Diorite	
INBX 12	Intrusive Breccia	
FP 13	Feldspar Porphyry	
QFP 14	Quartz Feldspar Porphyry	
QD3 15	Quartz Diorite-equigranular to subporphyritic	
QD2 16	Quartz Diorite-c.gr. seriate-porph.	
QD1 17	Quartz Diorite-heterog. fine porph.	
~~PRD 18~~	Crowded Porphyritic Diorite	
FAXT 21	Andesite Tuff (mainly crystal tuff)	
DEBF 22	Andesite Lapilli Tuff (debris flow)	
BEAT 23	Laminated Andesite Tuff	
FLOW 24	Porphyritic Andesite Flow	
SEDS 31	Siltstone, Wacke, Conglom., Shale	

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10306		
Approximate Easting	10423		
Approximate Elevation	1485 m		
Date Drilling Started	JULY 14/96		
Date Drilling Ended	JULY 19/96		
Total Depth	412.09 m	Casing	
Casing Depth	21.35	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger	B. LUMLEY		
Remarks			

APHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim
	0	21.35	OVBN	OVERBURDEN. TRICONED.									
	21.35	23.33	SUBV	CROWDED PORPHYRITIC ANDESITE									
				3	W			N	N	M		N	S

P or S	INTERVAL FROM	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	21.35	2	.1	0				0	0	0	0	0	0	W	N	N	W	N	N	M	M	N

LITHOLOGY: LIGHT GREY WHERE FRESH. LIMONITE PENETRATING MOST OF CORE. 60% SUBHEDRAL TO EUHEDRAL PLAG PHENOS. AVERAGE 2-3mm IN SIZE. WEAK SERIATE TEXTURE. F.G. GROUNDMASS.

ALTERATION: 80% OF UNIT ORANGE BROWN DUE TO STRONG LIMONITE. IN UNWEATHERED SECTIONS
SER, CARB
PLAG → SERICITE. CARBONATE IN GROUNDMASS, ALONG HAIRLINE FRACTURES + INTERGROWN W/ QTZ VNLETS.

MINERALIZATION: PY REPLACING PLAG + MAFIC PHENOS AS DISSEMINATIONS + CLOTS W/ QTZ-CARB FILLING ALONG HAIRLINE FRACTURES. MASSIVE PY VN, 11mm WIDE 20° TO C/A.

STRUCTURE: BROKEN, RUBBLY CORE TOP THIRD OF UNIT. REGULARLY SPACED FRACTURES ~8-10cm APART, 30° TO C/A, 60° TO C/A + SUB-PARALLEL TO C/A.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 166 Page 1 of 10

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00		-45°		340°	
Downhole						
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	PPD 18	Crowded Porphyritic Diorite
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltsone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10165
Approximate Easting	10475
Approximate Elevation	1490 m
Date Drilling Started	JULY 19/96
Date Drilling Ended	JULY 26/96
Total Depth	530.96 m
Casing	
Casing Depth	15.85 IN [✓ OUT]
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	15.85	OVBN	OVERBURDEN - TRICONED																														
	15.85	93.25	SUBY	CROWDED PORPHYRITIC ANDESITE																														
				3	W	4	M	N	N	W		N	W	7	1	0				.1	.2	1	0	0	.1	M	M	W	M	N	N	M	M	W

LITHOLOGY: LT GREY TO GREY/GREEN IN COLOUR CHARACTERIZED BY 50-60% FINE PLAG PHENOCRYSTS 1-2 mm IN WIDTH WEAKLY SERIATE, VERY SPARSE QTZ EYES. MAFICS HEMATITE± CHLORITE ALTERED HBLD <5% IN A FINE GRAINED SILICEOUS GROUNDMASS. UPPER SECTION TO 25.0 m FRACTURES STAINED WITH HEMATITE

ALTERATION: MOD TO STRONG SILICIFICATION. TEXTURE LARGELY PRESERVED. PLAG ALTERED: CORRODED WK SER.± QTZ± PY. STRONG PHYLLIC ALTERATION WITH FRACTURES WITH PHYLLIC ENVELOPES TO 4 cm WIDE WITH SULPHIDES VEINS. IN [illegible] < BLOCKY. CORE ZONES TEND DK GRAY GREEN WITH CHLORITE± CARBONATE ± MAGNETITE

SERICITE INCREASING DOWN SECTION

@ 36.40-40.15 m BROKEN, SLIGHTLY PITTED GREEN-GRAY CORE. 1mm - 3mm DIAMETER CLOTS OF FINE CHL± SER. FRACTURES COATED W/ CLAY+ CARB. CHL INTRODUCED W/ FRACTURING. MODERATELY

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 167 Page 1 of 18

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	
TRIC 1	Triconed Bedrock	
BSLT 2	Basalt	
OVB2 3	Unconsolidated Sediments	
PMPD 11	Post-Ore Intrusive Diorite	
INBX 12	Intrusive Breccia	
FP 13	Feldspar Porphyry	
QFP 14	Quartz Feldspar Porphyry	
QD3 15	Quartz Diorite-equigranular to subporphyritic	
QD2 16	Quartz Diorite-c gr. seriate-porph.	
QD1 17	Quartz Diorite-heterog. fine porph.	
PPD 18	Crowded Porphyritic Diorite	
FAXT 21	Andesite Tuff (mainly crystal tuff)	
DEBF 22	Andesite Lapilli Tuff (debris flow)	
BEAT 23	Laminated Andesite Tuff	
FLOW 24	Porphyritic Andesite Flow	
SEDS 31	Siltstone, Wacke, Conglom., Shale	

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	10199		
Approximate Easting	10569		
Approximate Elevation	1490 m		
Date Drilling Started			
Date Drilling Ended			
Total Depth	500.49	Casing	
Casing Depth	32.61	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	William Lumley		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.00	32.61	OVBN	OVERBURDEN																														
		32.61	44.24	SUBU	CROWDED PORPHYRITIC ANDESITE																														
					3	M	6	W	N	N	W		N	M	7	.5	0				.1	0	5	0	0	0	M	M	N	M	N	N	M	M	W

LITHOLOGY: LIGHT TO MED GREY IN COLOUR CHARACTERIZED BY SUBROUNDED TO ANHEDRAL PLAGIOCLASE PHENOCRYSTS 40-60% OF CORE CRYSTALS 1-3mm IN DIAMETER MAFICS 10-15% CHLORITE AFTER HBLD AS LATHES AND CLOTS UP TO 3mm IN WIDTH. OVERALL GROUNDMASS REMAINS SILICEOUS

ALTERATION MODERATE SERICITE ALTERATION: PLAG → SERICITE + CARBONATE. UNIT WEATHERED TO 40.50 m CHARACTERIZED BY HEMATITE STAINED FRACTURES AND WEATHERED PY ON VEINS

MINERALIZATION CONSISTS LARGELY OF SMOKY GREY QTZ + CARB. VEINS CONTAINING PY, CPY AND SPECULAR HEMATITE. PY : CPY RATIO 15:1. SECONDARY FRACTURES ORIENTATED AT 30° TO CORE AXIS CONSIST OF MILKY WHITE QTZ ± CAL WITH PY TR OR CPY

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 168 Page 1 of 15

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-45°		340°					
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesite Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesite Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesite Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesite Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltsone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10033
Approximate Easting	10523
Approximate Elevation	1490
Date Drilling Started	JULY 26/96
Date Drilling Ended	AUG 02/96
Total Depth	635.20 m
Casing	IN [✓ OUT]
Casing Depth	15.85 m
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	15.85	OVBN																															
	15.85	23.24	SUEV	1	M			N	N	N		N	S	3	.2	0				0	5	0	0	0	0	W	N	W	N	N	N	N	S	N

CROWDED PORPHYRITIC ANDESITE

LITHOLOGY: DARK GREENGRAY TO MEDIUM GRAY. TEXTURE PARTIALLY DESTROYED. ~45% PLAG PHENOS, AVERAGE 2MM IN SIZE, PARTIALLY OR WHOLLY REPLACED BY QTZ. ~10% FINE MAFICS → CHL ± BIO → PY. FINE-GRAINED GROUNDMASS, HARD, LOCALLY SILICEOUS.

ALTERATION: PLAG → QTZ W/ SERICITE RIMS. MAFICS → CHL ± BIO → PY. SPECKOULAR AGGREGATES OF BIO→CHL ± BIO SILICIFIED? NEAR BOTTOM PLAG → SER. STRONGLY MAGNETIC

MINERALIZATION: FEW MASSIVE PY VNS WHERE NOT BROKEN, 0.5 CM WIDE. DISS + AGGREGATES OF PY DOMINANT. MINOR FRACTURE PY, DISS CPY.

STRUCTURE: BROKEN, RUBBLY CORE. FRACTURES @ 35°, 60° + 20° TO C/A. PY VN @ 65° TO C/A.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	23.24	25.30	FAXT	5	W			N	N	W		N	M	3	.2	0				0	5	.1	0	0	0	W	N	W	N	N	N	W	S	N

FINE-GRAINED CRYSTAL ANDESITE TUFF (XENOLITH?)

LITHOLOGY: DARK GRAY, SLIGHTLY GREEN. FINE-GRAINED. MASSIVE. TEXTURE PARTIALLY DESTROYED.

ALTERATION: PROPYLITIC. MAFICS → CHL ± SER IN AGGREGATES TO 5MM IN SIZE. PLAG → SER + CARB. VARIABLE WEAK-MODERATE GROUNDMASS CARB. CARB + CLAY COATING FRACTURES. STRONGLY MAGNETIC. SILICIFIED.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 169 Page 1 of 11

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricone Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesite Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesite Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesite Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesite Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn.
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slik = Slickensides

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10239
Approximate Easting	10661
Approximate Elevation	1485
Date Drilling Started	Aug 4/96
Date Drilling Ended	Aug 6/96
Total Depth	402.91m
Casing	IN [✓ OUT]
Casing Depth	33.93m
Depth of HQ-NQ Reduction	
Logged By	N. Lumley
2nd Logger	
Remarks	

APHIC
OG
n

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0.00	33.33	OVBN																															
	33.83	105.07	SuBV	6	M	3	W	N	N	M		N	N	7	.2	0				.1	.5	.5	0	0	2	M	N	N	M	N	N	M	M	W

OVERBURDEN SUMMARY

0 00 - 11 28 BROWN CLAY LOAM.
11 28 - 14 33 MED GRAY CLAY HARDPAN (?) STICKY
14 33 - 17 37 TILL - BASALT BOULDERS
17 37 - 23 47 MED GREY CLAY - HARDPAN (?) (STICKY)
23 47 - 26 52 TILL - BOULDERS WITH CLAY
26 52 - 29 57 DARK RED BROWN SANDY CLAY LOAM
29 57 - 33 [illegible] [illegible]

CROWDED PORPHYRITIC ANDESITE

LITHOLOGY: LT -> MED -> DARK GREEN GREY IN COLOUR CHARACTERIZED BY 40-60% SUBROUNDED TO ANHEDRAL PLAGIOCLASE PHENOCRYSTS 1-3mm IN DIAMETER WITH (10-15%) MAFICS OF CHLORITE AFTER HBLD IN A SILICEOUS GROUNDMASS. UNIT IS ALTERNATING FROM MAFIC RICH -> MAFIC POOR ZONES. MAFIC RICH SECTIONS APPEAR MORE SILICEOUS LESS ALTERED (MAY BE SILICIFIED?) PLAG IS STILL HARD AND DOES NOT STAND OUT LIKE IN THE LESS MAFIC SECTIONS

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 170 Page 1 of 23

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-45°		340°					
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

Code	No.	Description	Code	No.	Description
OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesitic Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesitic Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesitic Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesitic Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albitic

DRILLING DATA

Approximate Northing	10072		
Approximate Easting	10615		
Approximate Elevation	1485m		
Date Drilling Started	AUG 02, 1996		
Date Drilling Ended	AUG 09, 1996		
Total Depth	586.43m	Casing	
Casing Depth	16.46 m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

APHIC
.OG
m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	CC	Cu		Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	16.46	OVBN																															
	16.46	40.77	SUBV	1	M	3	M	N	N	N		N	W	10	.001	0	2	.001		0	.003	1	0	0	0	M	N	T	M	N	N	T	S	N

0 – 16.46 OVBN:

OVERBURDEN

BLACK VESICULAR BASALT UP TO 15cm WIDE W/ BROADER SECTIONS OF SUB-ROUNDED COBBLE-SIZE FRAGMENTS + BROWN SOIL (CLAY) TO 14.63m. 14.63-16.46m MAINLY FRAGMENTS OF CROWDED PORPHYRITIC ANDESITE. LIMONITIC PARTINGS.

16.46 – 40.77 SUBV:

CROWDED PORPHYRITIC ANDESITE

LITHOLOGY: LIGHT GREEN; GRAY 65% SUBHEDRAL TO EUHEDRAL PLAG PHENOS VARIABLY CORRODED + ALTERED TO SER-CLAY. WEAKLY BIMODAL. ~15% MAFICS (HORNBLENDE) → CHL ± SER. GROUNDMASS FINE-GRAINED.

ALTERATION: MAFICS → BIO/CHL. SER MAY BE INTERMIXED W/ CHL. MODERATE-STRONG ARGILLIC (WHITE CLAY) ALT'N 16.46-22.86m. K-SILICATE (HORNBLENDE → BIO → CHL) VARYING FROM WEAK-MODERATE. CHL AGGREGATES SPARSE. SHORT SECTIONS OF PHYLLIC OVERPRINTING IN AREAS OF STRONG FRACTURING + MASSIVE PY-CC VNS. PHYLLIC ALT'N GRADING TO ARGILLIC @ PERIMETERS

VN/VNLT ALT'N

WELL-DEVELOPED PHYLLIC ENVELOPES AROUND PY-QTZ, PY-CC-QTZ + PY VNS/VNLTS. IN AREAS OF STRONG VEINING + FRACTURING PHYLLIC ALT'N MAY EXTEND FOR 1M.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 171 Page 1 of 22

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM	
Collar	0.00										
Downhole	(ft)	(m)	Tool	True	Read	True					
1											
2											
3											
4											
5											
6											
7											
8											
9											

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	PPD 18	Crowded Porphyritic Diorite
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
Tu = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA		
Approximate Northing	10111	
Approximate Easting	10708	
Approximate Elevation	1480	
Date Drilling Started	Aug 8/96	
Date Drilling Ended	Aug 13/96	
Total Depth	470.3 m	Casing
Casing Depth		IN [✓ OUT]
Depth of HQ-NQ Reduction		
Logged By	Andrea Simuels	
2nd Logger		
Remarks		

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE
		0.00	41.76	OVBN
		41.76	94.08	SEDS

0.00 - 10.35 LT GRAY SANDY (TILL ?) LOAM

10.35 - 26.52 DK BROWN CLAY LOAM

26.52 - 38.71 YELLOW BROWN - SANDY LOAM WITH BOXWORK BELOW 3[illegible]

38.71 - 41.76 [illegible]

Crowded Porphyritic Andesite

Lithology: medium to dark grey in color. Characterized by 40-60% plag phenos, 1-3mm in size and 15-20% mafic subcircular clots (hornblende → chlorite), 2-5mm in size ω some clots, locally up to 10mm in diameter. Dark aphanitic groundmass

	ALTERATION MAJOR Type	Intens.	MINOR Type	Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	CC			Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
41.76-75.10m	1	M	S	W	N	N	W		N	M	7	.1	0	3			.01	.5	1	0	6	0	M	W	N	M	N	N	T	S	W

Alteration: moderate K-silicate alt'n indicated by hornblende, chlorite magnetite ± biotite ± K-feldspar. Aggregates of hornblende + mafics, hornblende → chlorite, chlorite → pyrite pervasive throughout. Weak magnetite intermixed ω mafic clots. Plag. phenos have been moderately sericitized. Weak propylitic overprinting due

TASEKO MINES LIMITED - PROSPERITY PROJECT Metallurgical GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 172 Page 1 of 16

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesite Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesite Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesite Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesite Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltsone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
Tu = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10124
Approximate Easting	10277
Approximate Elevation	1450m
Date Drilling Started	AUG 09/96
Date Drilling Ended	AUG 13/96
Total Depth	470.61m
Casing	IN [✓ OUT]
Casing Depth	13.72m
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTGN
2nd Logger	
Remarks	

RAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	cc	MAL		Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	20.42	OVBN	OVERBURDEN																														
	20.42	37.06	QFP	5	M			N	N	M		N	M	1	.3	.01	.1	1		Ø	.2	.1 DOWNHOLE	Ø	Ø	Ø	W	M	N	W	N	N	W	S	N

0 – 20.42 OVBN: OVERBURDEN

11.28-13.72m BLACK BASALT FRAGMENTS 5cm x 5cm. 20cm LONG PIECE OF PORPHYRITIC VOLCANIC - ~20% PLAG PHENOS IN F.G. MELANOCRATIC GROUNDMASS. BROWN SOIL - GRADING FROM CLAY TO SAND + CLAY.

13.72-14.33m RUSTY BROWN SOIL-CLAY + STRONGLY LIMONITIC ROCK FRAGMENTS, AVERAGE 2cm TO 4cm IN SIZE.

14.33-17.37m PIECES OF ROCK UP TO 14cm LONG, BUT TYPICALLY FRAGMENTS 2cm TO 6cm IN SIZE. STRONG PERVASIVE LIMONITE THROUGHOUT. BASALT? FEW VESICULAR BASALT FRAGMENTS 4cm-5cm LONG.

17.37-20.42m GENERALLY FRAGMENTS 2cm-4cm IN SIZE. STRONGLY LIMONITIC. FEW PIECES UP TO 7cm LONG (GREEN) VOLCANIC (ANDESITE?) W/ WHITE CAL VNS. ~ LAST 0.75cm OF INTERVAL COMPRISED OF WHITE CLAY + FRAGMENTS AVERAGING 2cm IN SIZE.

20.42 – 37.06 QFP: QUARTZ FELDSPAR PORPHYRY

LITHOLOGY: DARK GRAY FROM 20.42m - 33.66m, BECOMING LIGHT GRAY. DARK GRAY SECTION HAS STRONGLY LIMONITIC PARTINGS, LOCALLY PERVADING INTO CORE UP TO 4 CM + CONTAINS PLAG PHENOS. TEXTURE PARTIALLY OBLITERATED. MELANOCRATIC SECTION: PLAG PHENOS LARGELY DESTROYED BY SIL. ~10% OF FINE HORNBLENDE PHENOS CHLORITIZED ~5% CLEAR QTZ EYES, 1mm-3mm IN DIAMETER, W/ WHITE QTZ HALOS UP TO 6mm ACROSS. ALSO WHITE QT [illegible] SILICEOUS F.G. GROUNDMASS. LEUCOCRATIC SECTION: LIGHT GRAY. 25%-30% PLAG PHENOS AVERAGE 3mm-5mm IN DIAMETER. VARIABLY SERICITIZED. @ 35.72m-37.99m SERIATE TEXTURE. 3-5% QTZ EYES, 1mm-5mm IN

PROPOSED DEPTH: 1903' = 580 m

I-B6

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 173

Page 1 of 17

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN 0 Overburden	QD2 16 Quartz Diorite-c.gr. seriate-porph.
TRIC 1 Triconed Bedrock	QD1 17 Quartz Diorite-heterog. fine porph.
BSLT 2 Basalt	PPD 18 Crowded Porphyritic Diorite
OVB2 3 Unconsolidated Sediments	FAXT 21 Andesite Tuff (mainly crystal tuff)
PMPD 11 Post-Ore Intrusive Diorite	DEBF 22 Andesite Lapilli Tuff (debris flow)
INBX 12 Intrusive Breccia	BEAT 23 Laminated Andesite Tuff
FP 13 Feldspar Porphyry	FLOW 24 Porphyritic Andesite Flow
QFP 14 Quartz Feldspar Porphyry	SEDS 31 Siltstone, Wacke, Conglom., Shale
QD3 15 Quartz Diorite-equigranular to subporphyritic	

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	
Approximate Easting	10755
Approximate Elevation	
Date Drilling Started	Aug 13/96
Date Drilling Ended	Aug
Total Depth	580.34 m
Casing	IN / OUT
Casing Depth	63.09 m
Depth of HQ-NQ Reduction	
Logged By	Bill Lumley
2nd Logger	
Remarks	

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.00	85.70	OVBN																																

0.00 - 5.18 COBBLES PEBBLES ROUNDED GROUND CORE 10 TO 15 cm in LENGTH MOSTLY QFP WITH SOME BASALT.

5.18 - 8.23 DARK GREY SAND CLAY CEMENTING ANGULAR PEBBLES AND COBBLES OF UP TO 5 cm OF SUBV. QFP AND VESICULAR BASALT. AN ERRATIC OF FELSIC INTRUSIVE RESEMBLING GRANODIORITE WAS ALSO CORED FOR A LENGTH OF 15 cm.

8.23 - 11.88 ROUNDED GROUND PEBBLES FROM GROUND CORE. (TUBE DID NOT LATCH) ONCE LATCHED CORED 10 cm LONG BOULDER OF VESICULAR BASALT.

11.28 - 14.33 11.28 - 12.90 CORED VESICULAR BASALT BOULDERS AND SUBV BOULDERS ARE 30 cm LONG NO MATRIX
12.90 - 14.33 CORED BOULDERS OF BASALT, AND SUBV IN CLAY RICH SANDY MATRIX SAND 40%, CLAY 45% ROCK 15%

14.33 - 35.60 RED-ORANGE BROWN SANDY TILL. VERY COMPACTED AND CORED VERY WELL WITH EXCELLENT RECOVERY CONSISTING OF APPROX 40% OF ANGULAR TO SUB-ANGULAR CLASTS AND PEBBLES OF MAFIC AND FELSIC VOLCANICS (SOME VESICULAR BASALTS 30%, QFP OR EQUIVALENT INTRUSIVE % %) CEMENTED BY SANDY CLAY MATRIX SAND 60% ROCK 20% CLAY 20%

35.60 - 62.89 MEDIUM BROWN TO MAROONEY IN COLOUR CONSISTING OF ANGULAR TO SUBANGULAR CLASTS BOULDERS & PEBBLES AND CORED ROCK (APPROX 60-70%) UP TO 15 cm IN LENGTH CEMENTED IN A SANDY CLAY MATRIX. THIS SECTION HAS MORE CLAY THAN ABOVE UNIT APPROXIMATELY 60% ROCK, 30% CLAY, 10% SAND

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 173 Pg. 2 of 17

:APHIC LOG m | P or S | INTERVAL FROM | TO | ROCK CODE | ALTERATION | SECONDARY MINERALS (INTENSITY) | MINERALIZATION (PERCENT) | STRUCTURE - VEINS (INTENSITY)

OBN

62.89 - 65.20m BLACK TO DARK GREY CARBONACEOUS SECTION CONSISTING OF 40% OF ANGULAR TO SUBROUNDED CLASTS AND PEBBLES OF MAFIC + FELSIC VOLCANICS SET IN A CLAY RICH MATRIX. SECTION IS GIVEN ITS COLOUR BY LARGE AMOUNTS OF BURNT WOOD THAT IS AS CORED UP TO 3 cm IN THICKNESS. COMPOSITION AS FOLLOWS ROCK CLASTS AS CORED 40% WOOD CORED 30% SAND 10% CLAY 20%

* 63.09 END OF CASING *

65.20 - 74.50m

65.20 - 71.62 "FRUIT LOOPS TILL" VERY COLOURFUL ANGULAR TO SUBROUNDED CLASTS OF VERY HIGHLY WEATHERED MAFIC AND FELSIC VOLCANICS SET IN A MED BROWN HIGHLY COMPETENT SANDY MATRIX. CLASTS ARE ARGILLACEOUS AND SOFT WITH INITIAL TEXTURE TOTALLY DESTROYED. CLASTS ARE UP TO 5mm IN LENGTH AND WEATHERED TO BRIGHT PINKS, REDS MAUVES AND PURPLES REMINDS MANY OF THE COLOUR OF FRUIT LOOPS CEREAL

LODGEMENT TILL (?)

71.62 - 74.50 PEBBLES, COBBLES AND CORED VOLCANICS THAT HAS BEEN GROUND BY DRILL

74.50 - 84.70 DARK GRAY TO BLACK IN COLOUR CONSISTING OF 70% GRANULES PEBBLES AND COBBLES OF ALL ROCK TYPES SET IN A CARBONACEOUS SANDY CLAY. LARGE AMOUNT OF BURNT WOOD IS SEEN. OVERALL SECTION IS NOT COMPETENT WITH A LARGE AMOUNT OF MATRIX LOST AND WASHED AWAY. RECOVERY VERY POOR

84.70 - 87.15 C-HORIZON WEATHER LEACHED VUGGY BOXWORK TEXTURE CONSISTING OF ANGULAR FRAGMENTS OF QFP AND MINOR VESICULAR BASALTS IN A CEMENT OF LIMONITE. V DARK BROWN IN COLOUR

87.15 - 107.04 QFP QUARTZ FELDSPAR PORPHYRY

P or S	FROM	TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	87.15	107.04	QFP	3	S	B	M	N	N	1		N	m	3	0	0				0	0	0	0	0	0	W	N	N	W	N	N	N	S	N

LITHOLOGY

LT → MED GREY IN COLOUR CONSISTING OF 25-30% SUBHEDRAL PLAG PHENOS 2-5mm IN LENGTH, 2-3% ANHEDRAL TO ROUNDED QTZ EYES 1-3mm IN SIZE. MAFICS ARE 1-3% CHLORITE AFTER HBLD. THIS SECTION IS HIGHLY ALTERED WITH PLAG PHENOS

F-AF

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 174 **Page 1 of** 13

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-45°		340°					
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	PPD 18	Crowded Porphyritic Diorite
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TiTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TiTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10229.19		
Approximate Easting	10255.96		
Approximate Elevation	1460m		
Date Drilling Started	AUG 14/96		
Date Drilling Ended	AUG 18/96		
Total Depth	370.03m	Casing	
Casing Depth	33.53m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

RAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	CC			Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	33.53	OVBN																															
		33.53	62.66	SUBV	1	M	6	W	N	N	W		N	N	2	.7	0	.1			0	1.5	2	0	0	0	W	W	M	W	N	N	W	S	N

OVERBURDEN (RECOVERED FROM 27.43-33.53m)

27.43-29.57m - PIECES OF ROCK 3cm-6cm LONG, MAFIC VOLCANICS. PLAG PHENOCRYSTS IN A F.G. TO APHANITIC MELANOCRATIC GROUNDMASS. ONE PIECE OF PORPHYRITIC INTRUSIVE - LEUCOCRATIC, MED-GRAINED, QTZ-PLAG RICH GROUNDMASS. STRONGLY LIMONITIC TILL

29.57-31.70m - STRONGLY LIMONITIC FRAGMENTS + SOLID ROCK RANGE FROM 2cm-16cm LONG. APPEAR TO BE INTERMEDIATE + POSSIBLY MAFIC VOLCANICS. VERY MINOR TILL

31.70-33.53m - CASING ADVANCED TO 33.53. ALTD MATERIAL. ANGULAR TO SUB ROUNDED FRAGMENTS, LIMONITIC INTERMEDIATE VOLCANICS

CROWDED PORPHYRITIC ANDESITE

LITHOLOGY: DARK GREEN-GRAY W/ FEW LIGHT GRAY + TAN SECTIONS. TEXTURE LARGELY DESTROYED. ISLANDS OF LIGHT GRAY + TAN SUBV W/ 60-65% PLAG PHENOS, 2mm-3mm IN DIAMETER. PHENOS ARE SUBHEDRAL TO EUHEDRAL W/ VARIABLY CORRODED RIMS. MAFICS CHLORITIZED. QTZ EYES DIFFICULT TO IDENTIFY. FINE-GRAINED GROUNDMASS.

ALTERATION: STRONG LIMONITE ALONG FRACTURES + PERVADING INTO CORE FROM 33.53-42.48m. WEAK PROPYLITIC ALTN W/ A WEAK PHYLLIC OVERPRINTING PRO ALTN: MAFICS STRONGLY CHLORITIZED, VARIABLE GROUNDMASS CARB RANGING FROM ABSENT TO WEAK. ±1% DISS PY OFTEN REPLACING CHL ALTN AGGREGATES. SPARSE CHL AGGREGATES GENERALLY 2mm-3mm IN DIAMETER. DISS MAG. W/ CHL AGGREGATES + AS VNS/VNLTS.

FLY RIG

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 176 Page 1 of 3

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	PPD 18	Crowded Porphyritic Diorite
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	
Approximate Easting	
Approximate Elevation	
Date Drilling Started	Aug 18/96
Date Drilling Ended	Aug 19/96
Total Depth	33.83
Casing	IN OUT
Casing Depth	0
Depth of HQ-NQ Reduction	
Logged By	GERNOT WOBER
2nd Logger	Bill Lumley
Remarks	

APHIC OG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	P	0.00	2.13	OVBN	7	M			N	N	W		W	W	0	0	0				0	0	0	0	0	0									

Lithology: Subrounded to round 1cm to 10cm fragments of maroon brown basalt (60%), light grey quartz feldspar porphyry (20%) grey fine to medium crystal tuff (10%) and fine ash tuffs (10%). A 15cm fine clay zone is present at 1.22m. Clay contains abundant silt and is not very coherent when rolled.

Alteration: The maroon-brown basalt seems quite fresh and has trace amount calcite in the matrix, the quartz feldspar porphyry has weak to moderate epidote alteration and the tuffs exhibit weak sericite alteration. A clay zone 15cm thick at 1.22m has mostly silt and sand sized fragments and is not very cohesive. Clay is brown in color.

Mineralization: None noted.

Structure: rubbly subrounded to rounded core fragments.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 176 Pg. 2 of 3

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		2.13	6.34	OVBN	LITHOLOGY																														
		6.34	33.83 m	BFLT	BASALT FLOW WITH MINOR TUFF																														

2.13 – 6.34 LITHOLOGY

HIGHLY WEATHERED CORED BOULDERS OF BASALTIC TUFFS (90%) VESICULAR BASALTS (5%) AND PORPHYRITIC BASALTS (5%). THE BASALTIC TUFFS BOULDERS ARE CHARACTERIZED BY ROUNDED CLASTS OF QTZ (AMYGDALOIDAL [illegible]), PINK GREEN EPIDOTE RICH CLAST IN A PLAG CRYSTAL MATRIX. THE VESICULAR BASALT BOULDERS ARE BLACK TO V. DK BROWN WITH AMYGDULES TO 2 mm in length of QTZ. [illegible] BASALTS EXHIBIT V. FINE GRAIN PLAG LATHES ALIGNED ACROSS THE CORE

6.34 – 33.83 m BASALT FLOW WITH MINOR TUFF

LITHOLOGY

REPEATING SEQUENCES OF BASALTIC FLOWS, BRECCIAS AND FINE LOCAL TUFFS. THE BASAL MEMBER IS USUALLY A BRECCIA CONSISTING OF ANGULAR TO SUBROUNDED CLASTS OF FLOW BASALT, WEAKLY CONSOLIDATED OLDER TUFF. THESE CLASTS ARE TIGHTLY PACKED TOGETHER IN A MATRIX OF FINE FELDSPAR X'L AND AN AMYGDALOIDAL MATRIX. THE FLOWS OCCURRED IN RAPID SEQUENCE AS THERE IS NO EVIDENCE OF WEATHERING AT THE TOP OF THE FLOW. THE TOP OF THE FLOW IS MASSIVE, BROWN IN COLOUR PROGRESSING DOWN FLOW THERE IS A RAPID INCREASE IN FINE FELDSPAR X'LS. THIS COULD BE CALLED A PORPHYRITIC BASALT BECAUSE OF THE NUMBER OF FELDSPAR X'LS. IT GRADES INTO THE FLOW BRECCIA MENTIONED ABOVE.

TOPS OF FLOWS ARE LOCATED AT 7.57M, 9.55 m, 11.59m, 13.64 14.77 16.20, 18.47 21.38 m

UNIT BECOMES ARGILLIC BELOW 24.08 m ASSOCIATED WITH SHEARING AT 24.08 - 26.90 MARKED BY GOUGE FILLED FRACTURES AND BROKEN CORE. MARKED INCREASE IN TUFFACEOUS END MEMBER WITH UNIT AT 26.90 - 28.12 BECOMING V. SOFT ARGILLIC RED BROWN IN COLOUR WITH V. SHEARING OCCURRING AT 26.61 - 27.30 CLAY AND BROKEN CORE

28.12 - 33.82 CONGLOMERATE LIKE BRECCIA ROUNDED STONES AND BOULDERS UP TO 15 cm ARE TIGHTLY PACKED IN A TUFFACEOUS MATRIX. CLASTS CONSIST OF OTHER BASALT FLOW MATERIAL GREEN GREY TO BUFF IN COLOUR

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 176 Pg. 3 of 3

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik

ALTERATION

CARBONATE ALTERATION - FRACTURES FILLED WITH CALCITE + ARGILLIC ASSOCIATED WITH SHEARING AT

MINERALIZATION

NO ECONOMIC MINERALIZATION SEEN - BARREN W/ HEMATITE ON FRACTURES + MANGANESE STAIN

STRUCTURAL

MODERATELY FRACTURED AT 10 + 30° TO CA. SHEARING AT AND 26.70 27.58

CALC FILLED FRACTURES AT 29.00 - 32.10 m AT 30° TO CA

33.93 M EOH

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 177 **Page 1 of** 18

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00					
Downhole: 1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN	0	Overburden
TRIC	1	Triconed Bedrock
BSLT	2	Basalt
OVB2	3	Unconsolidated Sediments
PMPD	11	Post-Ore Intrusive Diorite
INBX	12	Intrusive Breccia
FP	13	Feldspar Porphyry
QFP	14	Quartz Feldspar Porphyry
QD3	15	Quartz Diorite-equigranular to subporphyritic
QD2	16	Quartz Diorite-c.gr. seriate-porph.
QD1	17	Quartz Diorite-heterog. fine porph.
PPD	18	Crowded Porphyritic Diorite
FAXT	21	Andesite Tuff (mainly crystal tuff)
DEBF	22	Andesite Lapilli Tuff (debris flow)
BEAT	23	Laminated Andesite Tuff
FLOW	24	Porphyritic Andesite Flow
SUBV	25	CROWDED PORPHYRITIC ANDESITE
SEDS	31	Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9910.93 N
Approximate Easting	10568 E
Approximate Elevation	1480m
Date Drilling Started	August 18/96
Date Drilling Ended	August 28/96
Total Depth	711.40 m
Casing	IN / OUT
Casing Depth	12.80m
Depth of HQ-NQ Reduction	N/A
Logged By	LENA K. BROMMELAND
2nd Logger	GERNOT WOBER
Remarks	LOGGED BY Bill Lumley AT 110m -> EOH

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.
P	0.00	12.80 m	CASING	NO CORE RECOVERED			
P	12.80	20.42 m	OVBR				

OVERBURDEN:

12.80 - 12.85 m : DIORITE BOULDER, LACKS SULPHIDES, DARK GREY BLACK IN COLOUR

12.85 - 15.44 m : CLAY ALTERED (10% clay) SUBVOLCANIC (SUBV) UNIT. BLEACHED WHITE, GREY WITH 3-5% PYRITE AS DISSEMINATIONS AND AS COATINGS ON VEINLETS. NOTE THAT THIS SECTION DOES NOT EXHIBIT ANY LIMONITE STAINING

15.44 - 20.42 m : CLAY ALTERED SUBVOLCANIC (SUBV) UNIT AS ABOVE; HOWEVER, UNIT EXHIBITS STRONG LIMONITIC ALTERATION BOTH ON FRACTURE SURFACES AND THROUGHOUT MATRIX. NOTE: UNIT PROBABLY IS RESIDUAL BEDROCK. UNIT IS COMPRISED OF APPROXIMATELY 20% CLAY

P or S	FROM	TO	ROCK CODE	
P	20.42	162.78	SUBV	CROWDED PORPHYRITIC ANDESITE :
S	20.42	40.00	SUBV	

ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
5	M	7	M	N	N	W		N	T	1.0	0	0				0	0	0	0	0	0	T	N	N	N	N	N	N	S	N

LITHOLOGY:

LIGHT GREY/GREEN ROCK WITH MEDIUM GRAINED PACKED FELDSPAR RICH MATRIX (50-55% PLAGIOCLASE) WITH FELDSPAR PHENOS 0.5 - 1.0 mm. CHLORITE CLOTS REPRESENT 5-7% OF MATRIX AND RANGE IN SIZE FROM 1.0 - 7.0 mm IN DIAMETER.

ALTERATION:

PROPYLITIC ALTERATION : CHARACTERIZED BY CHLORITE REPLACEMENT OF MAFIC MINERALS AND 1.0% PYRITE. WEAK CARBONATE ALTERATION OF MATRIX

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

FLY RIG

DRILL HOLE NUMBER 96 - 179 Page 1 of 3

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-90°							
Downhole 1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesite Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesite Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesite Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesite Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn.
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slik = Slickensides

INTERVAL

P = Primary
S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	
Approximate Easting	
Approximate Elevation	
Date Drilling Started	
Date Drilling Ended	
Total Depth	47.4 m
Casing	IN [✓ OUT]
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

LOG

GRAPHIC LOG m	P or S	FROM	TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	2.00	OVBN																															
		2.00	43.49	DEBF	0				N	N	N		N	W	0	0	0				0	.2	3	0	0	0	N	N	N	W	N	N	M	M	N

OVERBURDEN

0-1.40m

MEDIUM BROWN PARTIALLY CONSOLIDATED CLAY SOIL W/ ~15% SUBROUNDED INTERMEDIATE TO MAFIC VOLCANIC FRAGMENTS UP TO 1.5cm x 2.0 cm.

1.40 - 2.00m

RUBBLY MAROON BROWN FRAGMENTS OF ANDESITE TUFF + FLOW ROCKS. POSSIBLY BEDROCK.

ANDESITE LAPILLI TUFF + CRYSTAL TUFF

WEAKLY MAGNETIC

LITHOLOGY: MAROON BROWN W/ A FEW MEDIUM GREEN-GREY SECTIONS. UNIT IS COMPRISED OF 8 REPETITIVE SEQUENCES OF WELL SORTED PYROCLASTIC MATERIAL. THE SEQUENCES RANGE FROM 2-6m IN THICKNESS + DISPLAY ABRUPT BORDERS. EACH SEQUENCE IS COMPOSED OF AN UPPER PORTION OF ASH TUFF W/ ≤1% FINE PLAG CRYSTALS, ≤0.5mm IN DIAMETER, THAT GRADES DOWN SEQUENCE TO A CRYSTAL TUFF. THE CRYSTAL TUFF OFTEN SHOWS BEDDING AS SORTING OF GRAIN SIZES OVER A FEW CMS. THE BASAL PART OF THE CYCLE IS A DEBRIS FLOW (LAPILLI TUFF). THE CLASTS MAY BE DENSELY PACKED, ARE SUBROUNDED TO ROUNDED + MAY BE HETEROLITHIC. SIZES VARY FROM 2mm x 4mm TO 2.5cm x 4cm. THE CLASTS ARE COMPRISED OF PORPHYRITIC FLOWS + TUFFS. THE MATRIX IS A CRYSTAL TUFF. THE TOP OF EACH CYCLE IS RELATIVELY FRESH - UNWEATHERED. A SUB-AQUEOUS DEPOSITIONAL ENVIRONMENT WOULD BE CONSISTENT W/ THE NATURE OF THE SEQUENCE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 180 Pg. 2 of 26

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS Anh	Gyp	Cb		Ep	Lim	MINERALIZATION Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	STRUCTURE - VEINS Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
S	32.51	50.70	OVBN 0																															
P	50.70	57.72	3 OVBN 2																															
P	57.72	76.95	21 FAXT	5	M	3	W	N	W	W		N	N	1.5		WEAK										T						W	M	r

32.51 – 50.70: LITHOLOGY - GLACIOLACUSTRINE SEDIMENTS

W

V.F.G. TAN TO DARK BROWN CLAY · SILT
60% 40%

THIN LAMINAE OF CARBONATE IN BEDDING 55-75° TCA

THIN ALTERNATING BANDS OF TAN & DARK BROWN SILTY CLAY

1 10 cm COBBLE VOLCANIC IN MIDDLE OF

V.F.G. TO FINE GRAINED SAND - SILT 10% COARSENING DOWNWARDS, SILT INCREASING UPWARDS FROM 42.59 TO 49.74

50.70 – 57.72: LITHOLOGY ~~FLUVIAL / GLACIO FLUVIAL SEDIMENTS~~ BASAL CONGLOMERATE

ROUNDED TO SUBROUNDED FRAGS WITH NO MATRIX 1cm TO 13cm IN SIZE AND 1 BOULDER 5 40cm OF VOLC. TUFF AT 52.83m

SOME FRAGS OF D BROWN VESICULAR BASALT (5%)

D GREY VOLCANIC TUFF (50%)

REST ASSORTED VOLCANIC, INTRUSIVE

MEDIUM, DARK GREEN DARK GREY - BLACK VARIABLY PLAG, PORPH ANDESITE / BASALT FLOWS/TUFFS - WITH EPIDOTE

57.72 – 76.95: LITHOLOGY

V.F TO FINE GRAINED CRYSTAL ASH TUFF. MED TO LIGHT GREY-GREEN TO BEIGE COLOUR DEPENDENT ON ALTERATION

EQUIGRANULAR CRYSTALS - PLAG, HORNBLENDE ? BIOTITE? ≤ .5mm SIZE

ALTERATION

PROPYLITIC WITH PERVASIVE CALCITE IN GROUNDMASS AND IN VEINLETS, WEAKLY SILICIFIED WITH ABUNDANT CHLORITIZATION OF GROUNDMASS AND DISSEMINATED PYRITE

INTERMITTENT SERICITE - FROM CARBONATE CLAY ALTERATION BEGINNING ≈ 71.00m

MINERALOGY → 1.5

V.C.G. PYRITE AGGREGATES UP TO 1mm, TRACE CPY

VQ VEIN, 5cm THICK W/ PY BLEBS [illegible] ALONG EDGES .5mm BUT UP TO 2mm THICK

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

SITE G-A (COLLAR OF 92-23)

DRILL HOLE NUMBER GA 96 -180

Page 1 of 26

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	PPD	18	Crowded Porphyritic Diorite
OVB2	3	Unconsolidated Sediments	FAXT	21	Andesite Tuff (mainly crystal tuff)
PMPD	11	Post-Ore Intrusive Diorite	DEBF	22	Andesite Lapilli Tuff (debris flow)
INBX	12	Intrusive Breccia	BEAT	23	Laminated Andesite Tuff
FP	13	Feldspar Porphyry	FLOW	24	Porphyritic Andesite Flow
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic	SUPU	25	CROWDED PORPHYR HNDE

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9675 N		
Approximate Easting	10200E		
Approximate Elevation	1465 Z		
Date Drilling Started	AUG. 21 (N)		
Date Drilling Ended	SEPT. 7 (D)		
Total Depth	598.93m	Casing	
Casing Depth	1.5m (5')	[✓ IN]	OUT
Depth of HQ-NQ Reduction		795 ft	
Logged By	SCOTT PARKER		
2nd Logger	PETER FISCHL		
Remarks			
GEOTECHNICAL HOLE			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.
	P	0	50.90	OVBN 0				
	S	0	6.[illegible]	0	~~0~~	~~0~~		
					LITHOLOGY/	–		
	S	6.71	32.51	0	LITHOLOGY/	–		

SECONDARY MINERALS (INTENSITY): Anh | Gyp | Cb | Ep | Lim

MINERALIZATION (PERCENT): Py | Cpy | Bn | Mol | Mag | Hem | Po | (*) TtTn | PbZn

STRUCTURE - VEINS (INTENSITY): Py | Cpy | Mag | Qz | Anh | Gyp | Cal | Frac | Slik

LITHOLOGY/ – FLUVIAL SEDIMENTS, SUB-ROUNDED TO ROUNDED RECORED FRAGMENTS 1cm TO >7cm SIZE BOULDERS

DARK GREY, MAROON BROWN BASALT (30%)

DARK GREY TUFF, ANDESITE 40%

LIGHT GREY QUARTZ, FELDSPAR PORPHYRY (EQUIGRANULAR) 3-4mm

VERY LITTLE SILT, CLAY, SAND ON ROCK SURFACE

LITHOLOGY/ – LODGEMENT TILL – MATRIX SUPPORTED BY SANDY-SILT-CLAY (20%) (60%) (40%)

FRAGMENTS – ROUNDED TO SUBROUNDED V.F.G. TO F.G. VOLCANICS MAROON, GREY, BROWN

FROM .5cm TO >11cm IN DIAMETER

VERY COMPETENT WHEN DRY

SANDSTONE BED FROM 24.80m TO 27.57m

PERVASIVE WEAK CARBONATE IN MATRIX

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 182 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	5710950		
Approximate Easting	457090		
Approximate Elevation	1493 m		
Date Drilling Started			
Date Drilling Ended			
Total Depth	42.85	Casing	
Casing Depth		IN	OUT
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	16.76	OVBN	LITHOLOGY:				0 → 0.6 m CONSISTS OF ORGANIC MATERIAL W/ FEW VESICULAR BASALT CLASTS. REMAINDER OF OVBN APPEARS TO BE TILL W/ CLASTS OF VARIOUS SIZES OF GRANITOIDS, BASALTS, BEDDED SANDSTONE, ANDESITE BETWEEN FINE GRAINED, UNCONSOLIDATED MUDS																										
				STRUCTURE:				CORE IS RUBBLY MAKING STRUCTURAL MEASUREMENTS IMPOSSIBLE																										
	16.76	39.10	SEDS POSSIBLE LACUSTRINE SEDS.					N	N	W		N	N	0	0	0				0	0	.1	0	0	0	N	N	N	N	N	N	T	M	N
				LITHOLOGY: -				EXTREMELY FINE GRAINED, VERY FRIABLE + FINELY LAMINATED W/ MINOR CALCITE IN CLEAVAGE PLANES. MINERALOGY INDETERMINATE DUE TO FINE GRAIN SIZE. DARK BROWN TO GREY IN COLOUR. MINOR HEM W/ CALCITE VEINLETS.																										
				ALTERATION -				APPEARS FRESH																										
				MINERALOGY -				MINOR HEM W/ CALCITE.																										
				STRUCTURE -				MODERATELY FRACTURED W/ LOCALIZED STRONG FRACTURES. FAULT GOUGES PRESENT AT: 19.90 m @ 40° TO CA 22.55 m @ INDETERMINATE ANGLE 22.70 m @ 90° TO CA																										

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 186 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH	
Collar	0.00					
Downhole	(ft)	(m)	Tool	True	Read	True
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN	0	Overburden
TRIC	1	Triconed Bedrock
BSLT	2	Basalt
OVB2	3	Unconsolidated Sediments
PMPD	11	Post-Ore Intrusive Diorite
INBX	12	Intrusive Breccia
FP	13	Feldspar Porphyry
QFP	14	Quartz Feldspar Porphyry
QD3	15	Quartz Diorite-equigranular to subporphyritic
QD2	16	Quartz Diorite-c.gr. seriate-porph.
QD1	17	Quartz Diorite-heterog. fine porph.
PPD	18	Crowded Porphyritic Diorite
FAXT	21	Andesite Tuff (mainly crystal tuff)
DEBF	22	Andesite Lapilli Tuff (debris flow)
BEAT	23	Laminated Andesite Tuff
FLOW	24	Porphyritic Andesite Flow
SEDS	31	Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	5711 203
Approximate Easting	459 394
Approximate Elevation	1576
Date Drilling Started	Aug 29 /96
Date Drilling Ended	Aug 31/96
Total Depth	57.91 m
Casing	IN / OUT
Casing Depth	305 m
Depth of HQ-NQ Reduction	
Logged By	CHARLES BAKER
2nd Logger	
Remarks	

RAPHIC	P	INTERVAL		ROCK	ALTERATION				SECONDARY MINERALS						MINERALIZATION												STRUCTURE - VEINS								
LOG	or	FROM	TO	CODE	MAJOR		MINOR		(INTENSITY)						(PERCENT)										(*)		(INTENSITY)								
m	S				Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.0	0.3	LOST CORE					LOOSE PEBBLES + COBBLES																										
		0	3.8	OVBN	LITHOLOGY : CLASTS IN OVBN UP TO 14 cm IN LENGTH AND CONSIST OF FLOWS, VESICULAR BASALTS, FELDSPAR PORPHYRIES, GRANITE,																														
		3.8	4.8					→ LODGEMENT TILL W/ 30-40% ROUNDED TO ANGULAR CLASTS IN BROWN, GRITTY (CLAY-RICH) MATRIX. CLASTS RANGE FROM GRANULES TO PEBBLES UP TO 7 cm IN LENGTH. CLAST COMPOSITIONS FELSIC INTRUSIVES, FELDSPAR PORPHYRIES (ANDESITE ?), FINE SEDIMENT, BASALT																											
		4.8	58.0	DEBF					N	N	T		T	N	0	0	0				0	.5	2	0	0	0	N	N	N	N	N	N	M	M	T
					LITHOLOGY : PREDOMINANTLY COARSE TO MEDIUM GRAINED, WITH LOCALLY DERIVED FELDSPAR GRAINS, MAGNETITE GRAINS, ABUNDANT LITHIC FRAGMENTS WITH EUHEDRAL FELDSPAR GRAINS THROUGHOUT. ABUNDANT INCLUSIONS UP TO 16 cm IN LENGTH, HOWEVER THEY ARE GENERALLY LESS THAN 2 cm IN LENGTH. FRAGMENTS ARE GENERALLY MEDIUM GRAINED WITH EUHEDRAL FELDSPAR PHENOS. APPEARS TO HAVE BEEN LAPILLI SIZE VOLCANIC FRAGMENTS DEPOSITED IN A LACUSTRIAN OR MARINE ENVIRONMENT. VERY FINE GRAINED AREAS ARE COMMON THROUGHOUT THE UNIT AND APPEAR TO BE A RESULT OF THIN FINING UPWARDS SEQUENCES. POSSIBLE MULTIPLE EPISODES OF ERUPTION REPRESENTED BY EACH FINING UPWARDS SEQUENCE. FINE GRAINED AREAS HAVE A STRONG HEMATITE OVERPRINT SUGGESTING TIME GAPS BETWEEN EPISODES WHERE OXIDATION OF MAGNETITE GRAINS OCCURRED.																														

I-T

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 187 Page 1 of 11

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	PPD 18	Crowded Porphyritic Diorite
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltsone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	10075		
Approximate Easting	10082		
Approximate Elevation	1445 m		
Date Drilling Started	AUG 31/96		
Date Drilling Ended	SEPT 06/96		
Total Depth	458.42 m	Casing	
Casing Depth	74.68 m	[✓ IN]	OUT
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	74.68	OVBN	OVERBURDEN. CASED TO 74.68m.																														
		74.68	104.44	QD2	PORPHYRITIC QTZ DIORITE - SERIATE																														
					1	M	3	M	N	N	M		T	N	2	.5	.02				.1	2	1	0	0	0	M	W	T	W	N	N	W	M	N

LITHOLOGY: DARK GREY TO GREEN-GREY W/ BUFF TO TAN SECTIONS. HARD. TEXTURE VARIABLY DESTROYED. WHERE PRIMARY TEXTURE PRESERVED 35-45% SUBHEDRAL TO EUHEDRAL PLAG PHENOS. BIMODAL SIZE DISTRIBUTION - AVERAGE 3mm x 1mm + 5mm x 3mm. GLOMEROPORPHYRITIC. PLAG PHENOS MAY BE ZONED + HAVE CORRODED RIMS. 4-8% QTZ EYES, 2mm-4mm IN SIZE. MAFIC PHENOS LARGELY ALTERED + CORRODED. ~10% MAFIC PHENOS. FINE DISS + BLEB MAG VARIABLY ALTD TO HEM. FINE-GRAINED GROUNDMASS. TEXTURALLY DESTROYED SECTIONS ARE DARK GREY W/ 8% WHITE QTZ PHENOS W/ INDISTINCT RIMS THAT RANGE IN SIZE FROM FROM 2mm TO 4mm.

FROM 104.44 - 125.22m SECTIONS WHERE TEXTURE APPEARS MORE EQUIGRANULAR. POSSIBLY GRADING TO QD3. DIFFICULT TO DETERMINE DUE TO ALTERATION. FROM 203.46 - 211.17m INTRUSIVE TEXTURE ABSENT. STRONG POTASSIC + ANK-SER-CLAY ALTN COMBINED W/ STRONG QTZ VNING + STOCKWORKS MAY HAVE DESTROYED TOTALLY TEXTURE OR POSSIBLY A SECTION OF ASH TUFF. FROM 218.43 - 226.06m TEXTURE DESTROYED EXCEPT FOR FEW SECTIONS W/ RELICT INTRUSIVE FABRIC.

ALTERATION: ALTERATION EVENTS

FIRST: K-SILICATE ALTN. HORNBLENDE + MAFICS → BIO → VARIABLY ALTD TO CHL. PLAG WEAKLY SERICITIZED. ~3% FINELY DISS + BLEB MAG

SECOND: PROPYLITIC ALTN. HORNBLENDE + MAFICS → BIO → CHL. VARIABLE GROUNDMASS CARB RANGING FROM WEAK TO MODERATE. LOCAL FINE EP REPLACING CHL. LOCAL SPARSE DISS PY.

BH96-75-8

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 188 Page 1 of 2

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	~~PPD 18~~	~~Crowded Porphyritic Diorite~~
OVB2 3	Unconsolidated Sediments	FAXT 21	Andesite Tuff (mainly crystal tuff)
PMPD 11	Post-Ore Intrusive Diorite	DEBF 22	Andesite Lapilli Tuff (debris flow)
INBX 12	Intrusive Breccia	BEAT 23	Laminated Andesite Tuff
FP 13	Feldspar Porphyry	FLOW 24	Porphyritic Andesite Flow
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltsone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA			
Approximate Northing	5 706 174		
Approximate Easting	457 345		
Approximate Elevation			
Date Drilling Started	?, Aug 31		
Date Drilling Ended	Sept 2nd.		
Total Depth	130'	Casing	
Casing Depth	12'	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	T. DIENE		
2nd Logger			
Remarks			

RAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	2.75	NO	RECOVERY																														
		2.75	7.70	OVBN	FINE SILT WITH @ 20% CLAY CEMENTING. FRAGMENTS OF BASALT, FP AND DIORITE FRAGMENTS RANGE from 1mm to 5-6 cm. LIMONITE + JAROSITE CONTINUOS ARE EVIDENT AT 3.00m AND FROM 6.90 m to 7.70 metres. NO EVIDENCE OF MINERALIZATION IN THIS INTERVAL																														
					BASALT: BLACK VESICULAR BASALT APPARENTLY UNALTERED OCCURS AT 3.81 METRES.																														
					FP: FRAGMENTS @ 4.08 M. SOME CHLORITE WITH A LITTLE EPIDOTE TRACE RIMMING THE MAFIC CLUSTERS.																														
					QD2? : LIGHT GREY TO MEDIUM BROWN GREY DIORITE WITH MUCH HORNBLENDE AND BIOTITE. SOME CHLORITE BEING ALTERED FROM BIOTITE. EPIDOTE RIMS. SOME LIMONITE. MOST ABUNDANT FRAGMENT OCCURS OVER WHOLE INTERVAL SPORADICALLY.																														
		7.70	39.20 m (EOH)	FP(?)	5	W			N	N	W		W	T	0.2	0	0				0	0	0	0.1	0	0	T	N	N	T	N	N	W	W	T
				LITHOLOGY:	LIGHT BUFF GREY TO MEDIUM GREY GREEN. CLOSEST ROCK UNIT IS FP. LARGE AMOUNT OF MAFICS UP TO 10% IN 5mm PART. ~40% F.SPARS BOTH ROUNDED AND ANGULAR 1mm to 10mm in SIZE. OCCASIONAL QTZ EYE < 1% TOTAL. CHL + MAFIC CLUSTERS RIMMED WITH EPIDOTE. APPROX 3-7% LATH LIKE XTALLINE HBL.																														
				ALTERATION:	THE PREDOMINATE ALTERATION IS PROPYLITIC. IT OCCURS SPORADICALLY THROUGHOUT THE WHOLE INTERVAL																														

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 189 Page 1 of 2

SURVEY DATA										
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA			
Approximate Northing	5698120		
Approximate Easting	458500		
Approximate Elevation	1459		
Date Drilling Started			
Date Drilling Ended			
Total Depth	48.76	Casing	
Casing Depth	7.9	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
					MAJOR		MINOR																												
		FROM	TO		Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn		JAR		Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	7.9	LOST CORE																															
		7.9	22.08	BSLT					N	N	N		N	N	0	0	0		.1		0	.1	0	0	0	0	N	N	N	N	N	N	N	M	N

LITHOLOGY: DARK GREY, FINE GRAINED, WEAKLY MAGNETIC. DISS LIGHT COLOURED OLIVINES + FELDSPARS APPROX 10-15% OF THE ROCK REMAINDER OF ROCK IS COMPOSED OF PYROXENES (~15%) AND BLACK APHANITIC MATRIX. UNIT IS VARIABLY VESICULAR WHERE FLOW TOPS ARE INTENSELY VESICULATED AND WITHIN FLOWS PROPER VESICULARITY IS WEAK WITH DOMINANT VESICLE SIZE <2mm BUT RARE VESICLES REACHING 4mm IN SIZE.

ALTERATION: FRESH. MINOR OXIDATION ON SOME FRACTURES (JAROSITE?)

MINERALOGY: TR DISS MAGNETITE
TR FRACTURE CONTROLLED JAROSITE

STRUCTURE: MODERATELY FRACTURED W/ AREAS OF LOCAL STRONG FRACTURES SOME FRACTURES HEALED W/ CLAY
ORIENTATIONS: 45°, 60°, 30°, 10°, 70°, 10°

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 189 Pg. 2 of 2

RAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		22.08	25.12	OVB2					N	N	N		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	W	N
		25.12	48.76	BSLT					N	N	W		N	N	0	0	0				0	.1	0	0	0	0	N	N	N	N	N	N	N	W	

FINELY LAMINATED, GREEN/GREY W/ BROWN INTERVALS. BROWN INTERVALS ARE VERY FINELY LAMINATED AND EXTREMELY FRIABLE. GREY/GREEN INTERVALS ARE SLIGHTLY COARSER GRAINED AND MORE MASSIVE. TRACE CALCITE PRESENT THROUGHOUT. BEDDING PLANES @ 40° TO CA.

LITHOLOGY: AS PER 7.9m → 22.08m. SOME VESICLES FILLED W/ CALCITE, CLAY & RARELY ZEOLITES (HEULANDITE)

ALTERATION: FRESH. MINOR CHLORITE IN CLAYS THAT ARE HEALING FRACTURES

MINERALOGY: TR DISS MAGNETITE

STRUCTURE: WEAK TO LOCALLY MODERATE FRACTURING WITH ORIENTATIONS 80°, 30°, 40°, SUBPARALLEL, 60°, 45°.
SOME FRACTURES HEALED W/ MUDS/CLAYS.
SOME NARROW PEBBLE DYKES: 39.83 → 40.00m SUBPARALLEL
42.55 → 42.76m @ 40° TO CA
POSSIBLE FAULT GOUGE AT 41.12m @ INDETERMINATE ANGLE DUE TO RUBBLY CORE.
INTERVALS OF CLAY: 37.25 → 38.00m
43.57 → 43.96m
47.24 → 47.54m
FRACTURE AT 48m @ 45° TO CA W/ ACICULAR, BROKEN PEICES OF BASALT SUSPENDED IN MUD MATRIX.

EOH @ 48.76m / 160'
29/09/96
Charles Baker

HELI-RIG

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 190 Page 1 of 3

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00		-90°							
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing			
Approximate Easting			
Approximate Elevation			
Date Drilling Started	SEPT 05/96		
Date Drilling Ended	SEPT [illegible]		
Total Depth	56.10m	Casing	
Casing Depth	2.73	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	2.73	OVBN	CASED		0 -	2.73m																											
	2.73	14.24	BSLT	BASALT 0				N	N	W		N	T	0	0	0				0	.1	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: BLACK, TYPICALLY VESCULAR BASALT. VESICLES VARY IN SIZE FROM 2mm X 1.5mm TO 1.7cm X 1.9cm & MAY EXTEND UP TO ~2cm INTO THE FLOW. THE VESICLES MAY ACCOUNT FOR UP TO 35-40% OF THE SURFACE AREA. INTERMITTANT SECTIONS ≤1.1m WIDE OF PORPHYRITIC BASALT CONTAINING ~35% SUBHEDRAL HORNBLENDE + PYROXENE PHENOS & LOCALLY ≤5% FINE PLAG PHENOS REPLACED BY CAL. CAVE @ 3.05-4.60m

ALTERATION: PLAG(?) PHENOS → CAL.

MINERALIZATION: BARREN

STRUCTURES: CONTACT W/ TOP OF SEDIMENTS @ 87° TO C/A.
FRACTURES TYPICALLY 80-90° TO C/A.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 190 Pg. 2 of 3

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	14.20	44.20m	OVB2	0				N	N	N		N	T	.01	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N
	44.20	50.78	BSLT	0				N	N	T		N	N	0	0	0				0	.1	.1	0	0	0	N	N	N	N	N	N	N	W	N

UNCONSOLIDATED SEDIMENTS

LITHOLOGY:
14.20 - 15.20m MEDIUM + DARK BROWN SAND. QTZ GRAINS APPEAR QUITE ANGULAR.
15.20 - 18.50m CONGLOMERATE. MATRIX LARGELY ERODED. MINOR SANDY SEDIMENTS ADHERING TO FRAGMENTS. FRAGMENTS ROUNDED TO SUBANGULAR, LARGELY SUBROUNDED. CONSIST OF LIGHT GREY INTRUSIVES + BLACK BASALT, SOME COATED W/ LIMONITE. FRAGMENTS VARY IN SIZE FROM 1.1cm x 1.0cm TO 2.7cm x 4.5cm
18.50 - 33.50m SILT + CLAY. MEDIUM TO DARK BROWN LACUSTRINE SEDIMENTS. @ 21.71m LEAF.
33.50 - 38.10m SAND. MEDIUM TO DARK BROWN W/ GREENISH HUE.
38.10 - 39.60 m LOST CORE.
39.60 - 42.70m SILT + CLAY. MEDIUM TO DARK BROWN.
42.70 - 44.00m SAND. DARK BROWN W/ GREENISH HUE.
44.00 - 44.20 SILT + CLAY: CONTAINS BLACK ORGANIC MATERIAL.

ALTERATION: WEAK CHLORITE AFTER MAFICS.

MINERALIZATION: TR VERY FINE DISS PY IN LIGHT GREY INTRUSIVE FRAGMENT WITHIN CONGLOMERATE.

STRUCTURE: BEDDING WITHIN SILT + CLAY OVER A DISTANCE OF ~ 1cm AS GRADATIONAL GRAIN SIZE. BEDDING @ 80-90° TO C/A. ON A LARGER SCALE BEDDING SEEN AS FAIRLY ABRUPT CHANGE FROM SILT + CLAY TO SAND SIZE SEDIMENTS. LACUSTRINE DEPOSITIONAL ENVIRONMENT.

BASALT

LITHOLOGY: DARK GREY, MAROON + BLACK. 44.20 - 45.70m VESICULAR BASALT. VESICLES DECREASING DOWN SECTION. @ TOP HALF VESICLES COMPRISE ~50% OF SURFACE AREA. @ BOTTOM HALF VESICLES ARE SMALLER, ALIGNED + COMPRISE ~20-25% OF SURFACE AREA. 45.70 - 49.44m DARK GREY W/ ≤ 5% VESICLES + ≤ 1% AMYGDULES OF WHITE CAL. SPARSE 1cm WIDE MAFIC BANDS (BEDS). 49.44 - 50.55m MAROON + BLACK VESICULAR BASALT. ~50% VESICLES. ≤ 1% AMYGDULES OF WHITE CAL, LOCALLY W/ YELLOW TINGE. FEW VESICLES PARTIALLY FILLED W/ WHITE BOTRYOIDAL CAL. TOP OF FLOW - WEATHERED + VESICULAR.
50.55 - 50.78m BASALT ALTD TO BLACK + GREEN - BLACK CONSOLIDATED CLAY.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 190 Pg. 3 of 3

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTu	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
				BSLT																															

ALTERATION: MINOR HEMATITE.

MINERALIZATION: BARREN

STRUCTURE: FLOW BEDDING AS ALIGNED + FLATTENED SMALL VESICLES ALONG FLOW PLANE. BEDDING 55°-70° TO C/A. MAFIC BANDS @ 50° TO C/A.

UNCONSOLIDATED SEDIMENTS

		50.78	56.10	OVB2	0				N	N	N		T	N	.01	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 50.78 - 54.75m SILT + CLAY, MEDIUM GREEN LACUSTRINE SEDIMENTS.
54.75 - 54.90m CONGLOMERATE. MAINLY SUBROUNDED FRAGMENTS OF BASALT. ONE FRAGMENT OF QTZ. MATRIX OF DARK GREY SOIL COMPOSED OF CLAY, SILT + SAND SIZE GRAINS.
54.90 - 55.50m SAND. DARK BROWN W/ ≤2% FINE ROCK FRAGMENTS.
55.50 - 56.10m BASAL CONGLOMERATE OR CAVE. MAINLY DARK GREY TO BLACK PORPHYRITIC BASALT + LESSER SPECKLED WHITE + BLACK INTRUSIVE FRAGMENTS. FRAGMENTS ARE TYPICALLY SUB-ROUNDED MATRIX COMPLETELY WASHED AWAY OR ELSE CAVED MATERIAL.

ALTERATION: EP REPLACING PLAG PHENOS IN PORPHYRITIC BASALT. CHLORITIC SEDIMENTS.

MINERALIZATION: ≤1% VERY FINE DISS PY IN INTRUSIVE FRAGMENTS WITHIN CONGLOMERATE. FINE DISS PY IN MATRIX (SEDIMENTS) OF CONGLOMERATE @ 54.75 - 54.90 m.

STRUCTURE: NONE NOTED.

EOH 56.10 m

I-D

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 131 Page 1 of 9

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00					
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN 0 Overburden	QD2 16 Quartz Diorite-c.gr. seriate-porph.
TRIC 1 Triconed Bedrock	QD1 17 Quartz Diorite-heterog. fine porph.
BSLT 2 Basalt	FAXT 21 Andesite Tuff (mainly crystal tuff)
OVB2 3 Unconsolidated Sediments	DEBF 22 Andesite Lapilli Tuff (debris flow)
PMPD 11 Post-Ore Intrusive Diorite	BEAT 23 Laminated Andesite Tuff
INBX 12 Intrusive Breccia	FLOW 24 Porphyritic Andesite Flow
FP 13 Feldspar Porphyry	SUBV 25 Crowded Porphyritic Andesite
QFP 14 Quartz Feldspar Porphyry	SEDS 31 Siltstone, Wacke, Conglom., Shale
QD3 15 Quartz Diorite-equigranular to subporphyritic	

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	10235
Approximate Easting	9704
Approximate Elevation	1450 m
Date Drilling Started	SEP 07/96
Date Drilling Ended	SEP 10/96
Total Depth	202.69 m
Casing	IN [✓ OUT]
Casing Depth	40.84 m
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

CASED 0- 40.84m

OVERBURDEN

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	4.20	OVBN	0				N	N			T	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 0-4.20m ROCK FRAGMENTS W/ MINOR SECTIONS OF UNCONSOLIDATED MEDIUM BROWN SOIL + FRAGMENTS. SOIL HAS GRAIN SIZES OF SILT + CLAY. INTERMIXED ROCK FRAGMENTS RANGE IN SIZE FROM 3cm x 5cm TO 1cm x 2cm + ARE ANGULAR TO SUB-ROUNDED + APPEAR TO DOMINANTLY CONSIST OF BASALT. FRAGMENTS OVER THE REST OF THE SECTION ARE ANGULAR TO SUB-ROUNDED, VARY IN SIZE FROM .7cm x 1cm TO 3cm x 8cm + COMPOSITIONALLY INCLUDE EQUIGRANULAR QTZ DIORITE, PORPHYRITIC BLACK + MAROON-BROWN BASALT (15-25% SUBHEDRAL TO EUHEDRAL PLAG PHENOS) + PORPHYRITIC QTZ DIORITE.

ALTERATION: QTZ DIORITES CONTAIN VARIABLY CHLORITIZED HORNBLENDE + MAFICS + WEAKLY TO MODERATELY SERICITIZED PLAG. A STRONGLY ALT'D PORPHYRITIC QTZ DIORITE (?) CONTAINS EP ALT'D PLAG PHENOS + GROUNDMASS.

MINERALIZATION: BARREN

STRUCTURE: NONE VISIBLE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 191 Pg. 2 of 9

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	4.20	26.00	OVBN	OVERBURDEN 0				N	N	T		W	W	.01	0	0				0	.2	0	0	0	0	N	N	N	N	N	N	N	N	N
	26.00	38.71	OVBN	OVERBURDEN 0				N	N			W	M	.05	.02	0	cc .01			0	.1	.2	0	0	0	T	T	N	T	N	N	N	N	N

4.20 – 26.00

LITHOLOGY: LODGEMENT TILL W/ SECTIONS OF ROCK FRAGMENTS. TILL COMPRISED OF ANGULAR TO SUBANGULAR ROCK FRAGMENTS, 1mm TO 4.5cm x 4.0cm IN SIZE, IN A CONSOLIDATED MATRIX OF BROWN SOIL. THE FRAGMENTS ARE ORANGE, MAROON, BLACK, GREEN-GREY + LIGHT GREY IN COLOR + CONSIST OF VESICULAR BASALT, PORPHYRITIC ANDESITE FLOW, POSSIBLE QD1 + POSSIBLE QD2-QD3. FRAGMENTS COMPOSE 15-20% OF THE TILL. THE SOIL IS LARGELY CLAY (~65%) + SILT (~35%) W/ MINOR SAND-SIZE GRAINS + IS NON-PLASTIC. ROCK FRAGMENTS BETWEEN SECTIONS OF TILL ARE MAINLY PORPHYRITIC BASALT + LESSER PORPHYRITIC ANDESITE FLOW.

ALTERATION: WEAK PERVASIVE EP IN ANDESITE FLOW

MINERALIZATION: ~3% DISS + BLEB PY IN POSSIBLE QD1 FRAGMENT WITHIN TILL. ANDESITE + BASALT FLOWS WEAKLY TO MODERATELY MAGNETIC.

STRUCTURE: NONE

26.00 – 38.71

LITHOLOGY: ROCK FRAGMENTS, COBBLES + BOULDERS RANGING IN SIZE FROM 0.7mm x 1.2cm TO 24cm LONG. ~60% MAROON BROWN + BLACK PORPHYRITIC + VESICULAR BASALT, ~10% ANDESITE FLOW? + TUFF, ~30% LIGHT GREY + MEDIUM GREY INTRUSIVES. INTRUSIVES INCLUDE QD2-QD3 + PLAG PORPHYRITIC DIORITE. PLAG PORPHYRITIC DIORITE CONTAINS ~20% ANHEDRAL TO EUHEDRAL MEGACRYSTS OF PLAG, UP TO 1.1cm x 1.0cm, + ~10% PLAG PHENOS 1.5mm x 1mm, ~10% EUHEDRAL TO SUBHEDRAL HORNBLENDE ≫ BIO PHENOS + ~1% QTZ PHENOS IN A F.G. GROUNDMASS. @ ~36.00m POSSIBLE BEDROCK.

ALTERATION: INTRUSIVES: PLAG → SER, MAFICS MAY BE WEAKLY CHLORITIZED. ONE FRAGMENT OF QD3 (?) W/ EP FORMING ALONG HAIRLINE FRACTURES. STRONGLY LIMONITIC FROM ~36.00m DOWN.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 191 Pg. 3 of 9

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn			Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
			OIBN																															
	38.71	40.63	QDI	5	M			N	N	M		N	M	.5	.3	.1			0	.3	.3	0	0	0	W	W	N	T	N	N	T	5	N
	40.63	42.15	PMPD	0				N	N	M		N	W	.01	0	0			0	0	0	0	0	0	N	N	N	N	N	N	M	5	N

OIBN

MINERALIZATION: @ ~36.00 m DISS + BLEB CPY W/ POSSIBLE CC & FINE PY IN A QTZ VNLET WITHIN ALTD QD2-QD3?(TEXTURE MODERATELY DESTROYED).

38.71 – 40.63 QDI

QTZ DIORITE - HETEROGENEOUS, FINELY PORPHYRITIC

LITHOLOGY: MEDIUM GREEN-GREY. TEXTURE MODERATELY DESTROYED. RELICT PLAG PHENOS + ~15% SLIGHTLY FRESHER PLAG PHENOS W/ CORRODED RIMS. PHENOS AVERAGE 1mm-2mm X 1mm. MAFICS DESTROYED. QTZ EYES DIFFICULT TO DISCERN, ≤1% IDENTIFIED, AVERAGE DIAMETER 1mm. FINE-GRAINED GROUNDMASS.

ALTERATION: PROPYLITIC ALTN. PLAG WEAKLY SERICITIZED. MAFICS COMPLETELY ALTD TO VERY FINE CHL. CHL ALONG PARTIALLY OPEN HAIRLINE FRACTURES. MODERATE GROUNDMASS CARB. PAUCITY OF DISS PY. 0.6% MAG+MAG→HEM AS MICROVNLTS + ALONG HAIRLINE FRACTURES. MODERATE LIMONITE COATING PARTINGS IN UPPER HALF OF UNIT. PRO ALTN POSSIBLY OVERPRINTING K-SILICATE ALTN.

MINERALIZATION: CHALCOPYRITE: AS DISS + SMALL BLEBS IN QTZ + MAG (HEM) MICRO VNLTS + AS CHAIN-LIKE GRAINS ALONG MICROFRACTURES.

BORNITE: MICROVNLTS COMPOSED OF FINE DISS ALONG MICROFRACTURES + AS FINE BLEBS ALONG W/ CPY IN QTZ MICROVNLTS.

PYRITE: HEALING MICROFRACTURES

STRUCTURE: BN + CPY FILLING ALONG PARTIALLY OPEN MICROFRACTURES SUB-PARALLEL TO C/A.
VERY BROKEN CORE.

40.63 – 42.15 PMPD

POST ORE PORPHYRITIC DIORITE DIKE

LITHOLOGY: MEDIUM GREEN-GREY. PLAG PHENOS VARY FROM 5% @ TOP + BOTTOM OF UNIT TO 20% OVER REST OF UNIT. PLAG PHENOS ARE SUBHEDRAL + RANGE IN SIZE FROM 2mm TO 3mm. RIMS ARE VARIABLY CORRODED + MAY GRADE INTO GROUNDMASS. ~10% STRONGLY ALTD SUBHEDRAL MAFIC PHENOS AVERAGE 2mm IN SIZE. ≤1% QTZ PHENOS. GROUNDMASS F.G. TO APHANITIC

BH96-92-1

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 192 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0 Overburden	QD2 16 Quartz Diorite-c gr. seriate-porph
TRIC 1 Triconed Bedrock	QD1 17 Quartz Diorite-heterog. fine porph
BSLT 2 Basalt	FAXT 21 Andesite Tuff (mainly crystal tuff)
OVB2 3 Unconsolidated Sediments	DEBF 22 Andesite Lapilli Tuff (debris flow)
PMPD 11 Post-Ore Intrusive Diorite	BEAT 23 Laminated Andesite Tuff
INBX 12 Intrusive Breccia	FLOW 24 Porphyritic Andesite Flow
FP 13 Feldspar Porphyry	SUBV 25 Crowded Porphyritic Andesite
QFP 14 Quartz Feldspar Porphyry	SEDS 31 Siltstone, Wacke, Conglom., Shale
QD3 15 Quartz Diorite-equigranular to subporphyritic	

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	5695 235		
Approximate Easting	459 224		
Approximate Elevation			
Date Drilling Started	SEPT 7th, 96		
Date Drilling Ended	Sept 10th 96.		
Total Depth	93.12	Casing	
Casing Depth	–	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	TOBY PIERCE		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.0	60.75m	BSLT					N	N	T		N	T	0	0.	0				0	5.2	0	0	0	0	N	N	N	N	N	N	N	m	T

LITHOLOGY: BROWN BLACK, DK GREY BASALT RANGING FROM GLASSY T VITREOUS TO FINE GRAINED WITH VESICLES AND WITHOUT. AMYGDULES ARE COMMON FILLED WITH BLUE GREEN CLAYS AND OCCASIONALLY CARBONATES. (X-STALLINE)

ALTERATION: NO VISIBLE ALTERATION EXCEPT FOR THE MINOR LIMONITE STAINING AT 58.0 m. POSSIBLE AMYGDULE FORMATION THROUGH ALTERATION. → AMYGDULES ARE FILLED WITH WAXY GREEN / OLIVE GREEN GREY BLUE FINE ALMOST GLASSY SEDIMENT SOFT, UNREACTIVE AND SHARPLY FRACTURED.

MINERALOGY: MAGNETITE OCCURS DISSEMINATED OVER CERTAIN PORTIONS OF THE INTERVAL ESPECIALLY IN AREAS ([illegible]) OF VERY DARK ~~BSLT~~ BASALT.

STRUCTURE: LOWER CONTACT ~ 60.75 m CONTACT ANGLE UNDETERMINABLE.
SHEAR ZONES AT: 6.95 TO 7.90 m @ 45°, 22.55 m TO 22.70 m @ 90°, FROM 27.28 TO 27.38 m @ 70°
FROM 28.50m TO 2[illegible]10 m, FROM 55.17 TO 56.07 m ~ 80°, FROM 59.40 m TO 59.93 m ~ 60°
FRACTURES WITH SLICKS @ 30.0 m ~ SUB PARALLEL, @ 41.44 ~ 30° @ 53.48 m ~ 15°
COMMON FRACTURE ∠'s 60 70, 80, 90 + 30°

TASEKO MINES LIMITED - PROSPERITY PROJECT
GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 192 Pg. 2 of 2

RAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		60.75 m	63.60 m	OVB 2					N	N	T		N	T	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	m	N
				LITHOLOGY	LIGHT BEIGE BROWN SEDIMENTS CONSOLIDATED SANDS FINING UPWARDS POSSIBLY FLUVIAL OR. EVEN A STRATIFIED TILL SEQUENCE GRADES FROM FINE GRAINED SILTS TO COARSE SANDS TO COBBLES. COBBLES APPEAR TO BE REWORKED INTRUSIVES.																													
				ALTERATION	MILD LIMONITIC STAINING ON SOME OF THE COBBLE SURFACES, AND IN SOME OF THE SAND.																													
				MINERALIZATION	NO VISIBLE MINERALISATION																													
				STRUCTURE	UPPER CONTACT AT 60.75m ~ 45° LOWER CONTACT AT 63.60 @ 45°																													
		63.60 m	87.95 m	BSLT.					N	N	T		N	T	0	0	0				0	0.2	0	0	0	0	N	N	N	N	N	N	N	m	T
				LITHOLOGY	SAME AS INTERVAL FROM 0 - 60.75 m																													
				ALTERATION	SAME AS INTERVAL FROM 0 - 60.75 m EXCEPT SEE JAROSITE + LIMONITE OVER THE INTERVAL OF 82 TO 88 m [illegible]																													
				MINERALIZATION	NO APPARENT MINERALIZATION EXCEPT MAGNETITE AS IN THE INTERVAL FROM 0 - 60.75 m																													
				STRUCTURE	LOWER CONTACT AT: 87.95m @ 45° UPPER CONTACT AT: 63.60m @ 45° SHEAR ZONES AT: 65.20 m TO 65.30 m @ 90°, FROM 66.90 m TO 66.95 M ~ 45°, FROM 76.84 m TO 77.30 m ~ 90° VOLCANIC BRECCIA, BASALTS, SULPHUROUS ASH FROM 82 TO 88.0 m. FRACTURES IN SLICKS ~ 73.36 @ 20°, 78.82 m @ 20°, @ 79.33 ~ 45°. COMMON FRAC ANGLES ~ 45°, 60°, 70° 90°																													
		87.95 m	93.12 m EOH	OVB2	SAME AS INTERVAL 60.75 m TO 63.60 m																													

I-AH (METAL)

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 193 Page 1 of 21

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

- 0=NON=Weakly Alt'd
- 1=BIO=K-Silicate
- 2=KSP=Orthoclase
- 3=SER=Sericite-Ank.
- 4=QTZ=Silicification
- 5=PRO=Propylitic
- 6=PHY=Phyllic
- 7=ARG=Argillic
- 8=ALB=Albite

DRILLING DATA

Approximate Northing	9720
Approximate Easting	10424
Approximate Elevation	1465
Date Drilling Started	Sept 9th
Date Drilling Ended	Sept 18th.
Total Depth	2559.
Casing	IN / OUT
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	T. AERLE
2nd Logger	
Remarks	

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	4.67	NO RECOVERY																															
		4.67	41.46	OVBN	GLACIAL SEDIMENTS 4.67 TO 32.61 METRES WE SEE LODGEMENT TILL. CONTAINS ~ 20% CLAY, 30 % SILTS AND SANDS AND 50% FRAGMENTS. FRAGMENTS ARE BASALT (VESICULAR) GRANITE (PINK), GRANODIORITE, DIORITES, TUFFS AND OTHER CLASTICS. QTZ AND ROUNDED PEBBLES ARE ALSO PRESENT. NO GRADING OF SEDIMENTS ALTHOUGH THERE APPEARS TO BE A FOLIATION FABRIC AT 45°. GLACIOLACUSTRINE SEDIMENT - UNIT OF UNIFORM SEDIMENTS CONSISTING OF CLAY (~5%) SILT ([illegible]%) AND SANDS 20%. OCCASIONAL FRAGMENT OF VOLCANICS. SEQUENCE SANDS ARE GREY BROWN. SEQUENCE HAS SLUMP, FLOW AND BEDDING FEATURES ALL VISIBLE. BEDDING OCCURS AT 45° NO ALTERATIONS																														
		41.46	72.24	FAXT	6	S	7	W	N	N	W		N	W	4.0	0.1	0				0	0.4	0	0	0	0	N	N	N	T	N	N	W	M	T
				LITHOLOGY	LIGHT TO MED GREY WITH A GREEN TINT IN SOME AREAS. VERY FINE GRAINED FOR THE MOST PART WITH DESTRUCTION OF ORIGINAL TEXTURE. MUCH PLAGIOCLASE REMNANTS + SERIATE X-TALS PRESENT. LARGE ZONES OF DESTRUCTIVE F.G GIVING ARGILLIC CLAYS.																														
				ALTERATION	- PREDOMINATE ALTERATION IS PHYLLIC STRONGLY PERVASIVE OVER WHOLE INTERVAL. ALTERATION OF PREVIOUS ROCK (FAXT → FINE GRAINED (COLORLESS) PHYLLOSILICATES AND SERICITIC CLAYS. ROCK HAS A DESTROYED TEXTURAL AND WASHED OUT APPEARANCE.																														

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 194 I-A Page 1 of 8

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden
TRIC	1	Triconed Bedrock
BSLT	2	Basalt
OVB2	3	Unconsolidated Sediments
PMPD	11	Post-Ore Intrusive Diorite
INBX	12	Intrusive Breccia
FP	13	Feldspar Porphyry
QFP	14	Quartz Feldspar Porphyry
QD3	15	Quartz Diorite-equigranular to subporphyritic
QD2	16	Quartz Diorite-c.gr. seriate-porph.
QD1	17	Quartz Diorite-heterog. fine porph.
PPD	18	Crowded Porphyritic Diorite
FAXT	21	Andesite Tuff (mainly crystal tuff)
DEBF	22	Andesite Lapilli Tuff (debris flow)
BEAT	23	Laminated Andesite Tuff
FLOW	24	Porphyritic Andesite Flow
SEDS	31	Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10187		
Approximate Easting	9616		
Approximate Elevation	1467m		
Date Drilling Started	SEP 11/96		
Date Drilling Ended	SEP 13/96		
Total Depth	196.29m	Casing	
Casing Depth	10.36m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks	NQ2		

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	8.23	OVBN	0				N	N	T		N	S	.01	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

CASED 0-10.36m

OVERBURDEN

0-2.13m TOP THIRD FRAGMENTS OF BLACK VESICULAR BASALT UP TO 10cm LONG, SUBANGULAR. LODGEMENT TILL REST OF INTERNAL. RED, BLACK + GREEN-GREY ANGULAR TO SUB-ROUNDED CLASTS OF MAFIC + INTERMEDIATE VOLCANICS COMPRISE ~35-40% OF THE TILL. CLASTS RANGE IN SIZE FROM 3mm x 2mm TO 20cm x 1.7cm. THE MATRIX CONSISTS OF UNCONSOLIDATED MEDIUM BROWN SILT + CLAY + LESSER SAND SIZE GRAINS.

2.13-5.18m RUBBLE. POSSIBLE LODGEMENT TILL W/ MATRIX WASHED AWAY. FRAGMENTS VARY FROM 1.5cm x 0.7cm TO 9cm x 4cm IN SIZE + COMPRISED OF ~70% GREEN-GREY INTRUSIVES + ~30% BLACK BASALT. SOIL ADHERING TO CLASTS IS MEDIUM BROWN, SLIGHTLY LIMONITIC + COMPOSED OF SAND, SILT + CLAY.

5.18-8.23m LARGELY RUBBLE W/ SHORT SECTION OF LODGEMENT TILL + POSSIBLE BEDROCK AT BOTTOM OF INTERVAL. RUBBLE FRAGMENTS ARE ANGULAR TO SUBANGULAR, OFTEN STRONGLY LIMONITIC + ARE A MIXTURE OF INTRUSIVES + VOLCANICS. LODGEMENT TILL IS AS DESCRIBED PREVIOUSLY.

ALTERATION: VARIABLE LIMONITE. GRADING FROM WEAK → INTENSE @ BEDROCK.

MINERALIZATION: TR DISS PY IN POSSIBLE QD2 FRAGMENT.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 194 Pg. 2 of [illegible]

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
			OVBN																															
	8.23	18.33	PMPD	Ø				N	N	M		N	S	.1	Ø	Ø				Ø	Ø	Ø	Ø	Ø	Ø	N	N	N	N	N	N	W	M	N
	18.33	35.08	QD2	3	M			N	N	M		N	M	1.5	.3	Ø				.3	3	Ø	Ø	Ø		M	W	W	W	N	N	W	M	T

STRUCTURE: NONE

POST ORE PORPHYRITIC DIKE

LITHOLOGY: BLEACHED PALE GREY W/ LIMONITIC STAINING. 25-30% FAINT PLAG PHENOS AVERAGE 3mm x 1.5mm IN SIZE, 5-10% STRONGLY ALTD HORNBLENDE + BIO PHENOS, SUBHEDRAL TO EUHEDRAL. 1% ROUNDED QTZ EYES UP TO 3mm IN DIAMETER.

ALTERATION: ANK ALTN. MAFICS → ANK. PLAG → CARB ± SER. STRONG PERVASIVE LIMONITE + DISCRETE LIMONITE ALTN ALONG FRACTURES EXTENDING INWARDS UP TO 5cm. LIMONITE OBSCURING TEXTURE.

MINERALIZATION: TR DISS PY. PY HEALED MICROFRACTURE THAT EXTENDS INTO QTZ CLAST.

STRUCTURE: UPPER CONTACT IN BROKEN CORE.
LOWER CONTACT SHARP BUT IN BROKEN CORE, POSSIBLY @ 40° TO C/A
@ 15.71-16.01m PARTIALLY CRUSHED CORE, GOUGE FILLED FRACTURES @ 50° + 150° TO C/A.

QUARTZ DIORITE - SERIATE

LITHOLOGY: LIGHT GREY W/ LIMONITE STAINING FRACTURES + PERVADING ROCK @ 18.33-33.00m.
18.33m - 20.01m TEXTURE LARGELY OBSCURED. POSSIBLE FINE-GRAINED TUFF.
20.01-21.88m POSSIBLE QD1 OR BORDER PHASE OF QD2. 60% PLAG PHENOS AVERAGE 1mm x 0.5mm IN SIZE. SERIATE TEXTURE W/ ~ 5% PLAG PHENOS 4mm x 1.5mm IN SIZE. 7% FINE MAFICS LARGELY DESTROYED. QTZ EYES DIFFICULT TO DISCERN, ~1% SUBROUNDED QTZ PHENOS 1mm DIAMETER. FINE-GRAINED GROUNDMASS.
REST OF UNIT COMPRISED OF 40%-45% SUBHEDRAL TO EUHEDRAL PLAGS PHENOS W/ SIZE DISTRIBUTION OF 5mm x 4mm + 3mm x 2mm. PHENOS MAY HAVE RAGGED EDGES. 8% SUBROUNDED [illegible] SHAPED QTZ EYES AVERAGE 3mm DIAMETER BUT UP TO 5mm DIAMETER. MAFICS DESTROYED. 3% FINE DISS HEM.

ALTERATION: INTENSE LIMONITE, PERVASIVE + ALONG PARTINGS FROM 18.33 - 33.00m.
SER-ANK ALTN. PLAG → SER ± CARB. MAFICS → ANK. POORLY DEVELOPED PHYLLIC ENVELOPES AROUND PY ± CPY MICROVNLTS.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM*

DRILL HOLE NUMBER 96 - 195 Page 1 of 7

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	5695245		
Approximate Easting	451585		
Approximate Elevation	1515m		
Date Drilling Started			
Date Drilling Ended	15/09/96		
Total Depth	99.08m	Casing	
Casing Depth		IN	OUT
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger	T. PIERCE		
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	46.9	OVBN	LITHOLOGY :- NUMEROUS LITHOLOGIES ENCOUNTERED INCLUDING: ANDESITIC FLOWS, VESICULAR BASALTS, GRANITOIDS, FELDSPAR PORPHYRIES, TUFF, CONGLOMERATE. CLAST SIZES RANGE UP TO 0.7m IN LENGTH. VESICLES IN BASALTS FILLED W/ CLAY AND CARBONATE. CLAY IS COMMONLY CEMENTING CLASTS TOGETHER. STRUCTURE - RUBBLE DYKES NOTED - ARE UP TO 5cm WIDE + CONTAIN ROUNDED CLASTS UP TO 1.5cm WIDE. - CORE IS RUBBLY MAKING MEASUREMENTS DIFFICULT. THIN BRECCIA UNIT AT 24m WHERE MATRIX IS CALCITE AND LITTLE CLAST ROTATION EVIDENT. CLASTS ARE COMPOSED OF CLAY																														
		46.9	69.60	SEDS					N	N	M		T	N	0	0	0				0	.1	0	0	0	0	N	N	T	N	N	N	W	S	S
							LITHOLOGY :- PROTOLITH ONLY DISTINGUISHABLE IN MINOR INTERVALS. MAJORITY OF THE UNIT IS GRAPHITIC GOUGE WITH NO PRESERVED TEXTURES. MINOR BOUDINAGED PEICES OF PROTOLITH WHICH ARE CONGLOMERATE. CLASTS ARE STRETCHED AND MATRIX IS WELL FOLIATED AROUND THE CLASTS, GIVING A MYLONITIC TEXTURE. CLASTS ARE COMPOSED OF FELDSPAR PORPHYRIES, GRANITOIDS, SILTSTONE, CHERT, ETC. MATRIX OF CONG. IS VERY POORLY SORTED. CLASTS ≤ 7cm LONG + ARE ANGULAR TO ROUNDED. CALCITE IS UBIQUITOUS AND IN MORE COMPETENT SECTIONS IT IS THE MATRIX IN																												

1969

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 196 Page 1 of 22

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBY	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9900		
Approximate Easting	10500		
Approximate Elevation	1480		
Date Drilling Started	13/09/96		
Date Drilling Ended	26/09/96		
Total Depth	599.94	Casing	
Casing Depth		IN	OUT
Depth of HQ-NQ Reduction		301.45m	
Logged By	Charles Baker		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	Scd	[illegible]	[illegible]	Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	3.96	OVBN																															

LITHOLOGY : CLASTS ARE COMPOSED OF GRANITIC, MAFIC, ANDESITE MATERIAL. CLASTS ARE GENERALLY SUBANGULAR AND RANGE FROM 1cm TO 20cm IN LENGTH.

STRUCTURE : NO OBVIOUS STRUCTURES IN TILL.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	Scd	[illegible]	[illegible]	Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	3.96	14.94	FP	3	M	6	W	N	N	N		N	M	1.5	0	0	.5	0	0	0	0	0	0	0	0	W	N	N	N	N	N	N	M	M

LITHOLOGY : LIGHT GREY. VERY FINE GRAINED WITH MODERATELY ABUNDANT MAFIC CLOTS (5%) DISSEMINATED THROUGHOUT. TEXTURES ARE MODERATELY DESTROYED THROUGHOUT UNIT BY ALTERATION. MATRIX IS MODERATELY SOFT AND CONTAINS NO QTZ PHENOS. FELDSPAR PHENOS (NOW ALTERED) OCCUPY APPROX 10% OF THE UNIT. UPPER PART OF UNIT CONTAINS RARE QTZ PHENOS AND HAS DISTINCTIVE PITTED APPEARANCE.

ALTERATION : PERVASIVE CARB-CLAY THROUGHOUT CAUSING PLAGS TO ALTER TO SERICITE AND CLAY. MAFICS ALTERED TO BIO → ONLY PY. MATRIX IS APHANITIC AND SOFT.

MINOR PHYLLIC ALTERATION OCCURS ALONG NARROW SULPHIDE STRINGERS. FAULT ZONES CONTAIN MINOR ARGILLIC ALTERATION

I-E

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 197 Page 1 of 12

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0 Overburden
TRIC 1 Triconed Bedrock
BSLT 2 Basalt
OVB2 3 Unconsolidated Sediments
PMPD 11 Post-Ore Intrusive Diorite
INBX 12 Intrusive Breccia
FP 13 Feldspar Porphyry
QFP 14 Quartz Feldspar Porphyry
QD3 15 Quartz Diorite-equigranular to subporphyritic
QD2 16 Quartz Diorite-c.gr. seriate-porph.
QD1 17 Quartz Diorite-heterog. fine porph.
PPD 18 Crowded Porphyritic Diorite
FAXT 21 Andesite Tuff (mainly crystal tuff)
DEBF 22 Andesite Lapilli Tuff (debris flow)
BEAT 23 Laminated Andesite Tuff
FLOW 24 Porphyritic Andesite Flow
SEDS 31 Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong
* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn.
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slik = Slickensides

INTERVAL

P = Primary
S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA			
Approximate Northing	10094		
Approximate Easting	9756		
Approximate Elevation	1465 m		
Date Drilling Started	SEP 13/96		
Date Drilling Ended	SEP 16/96		
Total Depth	295.05m	Casing	
Casing Depth	17.37m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
				CASING TO 17.37m																														
	0	15.77	OVBN	OVERBURDEN 0				N	N	T		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 0-5.48m: BOULDERS + COBBLES OF BLACK BASALT UP TO 20cm LONG. SECTION OF LODGEMENT TILL.

5.48-15.77m: LODGEMENT TILL. CONSOLIDATED. ANGULAR TO SUBANGULAR CLASTS RANGING IN SIZE FROM 11cm x 14.5cm (DIAMETER) TO 2mm x 1mm. FEW CLASTS ARE SUBROUNDED. CLASTS COMPRISE 10-15% OF THE TILL & ARE COMPOSED OF BLACK PORPHYRITIC BASALT FLOW, MAROON BASALT, VESICULAR BASALT & LIMONITIC PORPHYRITIC INTRUSIVES. THE MATRIX IS HIGHLY COMPACTED, MEDIUM BROWN MIXTURE OF SILT + CLAY.

ALTERATION: INTRUSIVE CLASTS LIMONITIC.

MINERALIZATION: BARREN

STRUCTURE: NONE

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 198 Page 1 of 2

SURVEY DATA

DRAFT

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Trenched Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	5693770		
Approximate Easting	462390		
Approximate Elevation			
Date Drilling Started	15/09/96		
Date Drilling Ended	18/09/96		
Total Depth	97.56m	Casing	
Casing Depth	.25m	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	34.47	BSLT					N	N	W		N	T	0	0	0				0	0.1	0	0	0	0	N	N	T	N	N	N	N	W	N

LITHOLOGY: VESICULAR BASALT W/ INTERVALS OF ABUNDANT VESICLES & RARE VESICLES. INDIVIDUAL FLOWS DENOTED BY INTERVALS OF FEW VESICLES TOPPED BY INTERVALS OF ABUNDANT VESICLES. MATRIX IS FINE GRAINED WHERE PATCHES OF LIGHT COLOURED MINERALS DISSEMINATED THROUGHOUT. LIGHT COLOURED MINERALS FELDSPARS & DARK COLOURED MINERALS ARE AMPHIBOLES & OLIVINES. VESICLES CONTAIN CALCITE, CLAY MINERALS (SWELL WHEN WET) & ZEOLITES (POSSIBLY NATROLITE). TR MAG THROUGHOUT. LIMONITE (?) IN AREAS OF GOUGE.

ALTERATION: FRESH. MAG → HEM.

MINERALOGY: TR MAGNETITE DISS THROUGHOUT

STRUCTURE: WEAK TO LOCALLY MODERATE FRACTURES. FRACTURE ORIENTATIONS: 90°, 70°, 30°, 60°, 10°, 20°. THIN INTERVALS OF UNCONSOLIDATED MUDS & CLAYS AS FOLLOWS

6.40 → 6.47 m
6.69 → 6.78 m
22.00 → 22.10 m
24.31 → 24.36 m

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 199 Pg. 2 of 12

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	34.47	39.83	OUB2					N	N	N		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	W	N
	39.83	97.56	OSLT					N	N	N		N	N	0	0	0				0	0.2	0.1	0	0	0	N	N	T	N	N	N	T	M	T

34.47 – 39.83:

UNLITHIFIED, LIGHT BROWN SEDIMENTS. FINE GRAINED MATRIX W/ RARE GRAINS UP TO 3mm IN LENGTH.
MINOR FRACTURES (?) PERPENDICULAR TO CA.
NO ORGANICS NOTED
POSSIBLE BANDING

39.83 – 97.56:

LITHOLOGY: AS PER 0 → 34.47m BUT LACKING LIMONITE. VESICLES CONTAIN NATROLITE AND HEULANDITE. MINOR DISS MAGNETITE.

ALTERATION: ROCKS ARE FRESH. MAG → HEM

MINERALOGY: DISS MAGNETITE, RARE MAGNETITE STRINGERS THAT ARE ALTERING TO HEMATITE.

STRUCTURE: WEAK FRACTURING OVERALL BUT WITH LOCAL MODERATE FRACTURING.
ORIENTATIONS 90°, 20° SUB PARALLEL, 30°, 70°
INTERVAL OF MUD + CLAY 63.7 - 64.0 m
67.0 - 67.6m
72.95 - 73.08
PEBBLE DYKES: 91.15 → 91.63 m @ 60° TO CA
91.75 → 93.30 m " 90° TO CA
93.49 → 93.54m
93.66 → 93.68m " 45° TO CA
93.90 → 93.93 m " 90° TO CA
94.51 → 94.83m " 45° TO CA

EOH 97.56 m / 320'

Charles Baker 09/27/96

I-F

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 199 Page 1 of 12

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH	
Collar	0.00					
Downhole	(ft)	(m)	Tool	True	Read	True
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ark.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9944		
Approximate Easting	9811		
Approximate Elevation	1475m		
Date Drilling Started	SEP 16/96		
Date Drilling Ended	SEP 20/96		
Total Depth	391.36m	Casing	
Casing Depth	25.60m	IN [✓ OUT]	
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	20.42	OVBN	OVERBURDEN (CASED TO 25.60m)																														
					0				N	N	W		N	M	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 0 - 11.28m BASALT. BLACK. ~35% OF FRAGMENTS VESICULAR. FRAGMENTS SUB-ANGULAR TO ANGULAR AND RANGE IN SIZE FROM 3cm x 2cm TO 13 cm LONG (BOULDERS). Tr LIMONITE.

11.28 - 20.42m BASALT + LIMONITIC INTRUSIVES (QD1?/QD2?). ~40% ANGULAR BLACK BASALT FRAGMENTS THAT RANGE IN SIZE FROM 3cm x 1.5cm TO 9cm LONG. INTRUSIVE FRAGMENTS ARE STRONGLY LIMONITIC + PERVASIVE + VARY FROM 1cm LONG TO BOULDERS.

ALTERATION: STRONG, OFTEN PERVASIVE LIMONITE FROM 11.28 - 20.42m. WEAK CARB IN GROUNDMASS OF INTRUSIVES

MINERALIZATION: BARREN.

STRUCTURE: NONE.

TASEKO MINES LIMITED - PROSPERITY PROJECT *GEOLOGY / COMPUTER LOG FORM*

DRILL HOLE NUMBER 96 - 200 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Tricones Bedrock	QD1 17	Quartz Diorite-heterog. fine porph
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	5696600
Approximate Easting	457425
Approximate Elevation	1525
Date Drilling Started	Sept 19/96
Date Drilling Ended	Sept 20/96
Total Depth	107.01m
Casing	IN / OUT
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	CHARLES BAKER
2nd Logger	
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	3.49	NO RECOVERY																															
	3.49	70.21	BSLT					N	N	T		N	N	0	0	0				0	.5	0	0	0	0	N	N	N	N	N	N	N	M	N

LITHOLOGY:- DARK GREY TO BLACK, V. FINE GRAINED, WEAKLY TO INTENSELY VESICULATED. INTENSELY VESICULATED INTERVALS INDICATE FLOW TOPS. VESICLES FILLED W/ MUDS/CLAYS AND CALCITE MOST ARE EMPTY. WEAKLY MAGNETIC THROUGHOUT. MINERALOGY INDETERMINATE DUE TO SMALL MINERAL GRAIN SIZE. PATCHES OF MAFICS NOTED CAUSING LOCAL BLOTCHY APPEARANCE. WEAK TO LOCALLY STRONG FRACTURING. STRONGLY FRACTURED INTERVALS ARE GENERALLY CONFINED TO FLOW TOPS. THIN SEAMS OF CLAY OCCUR RARELY THROUGHOUT THE UNIT.
VESICLES IN THE LOWER PART OF UNIT SEEM TO BE FLATTENED (LOADING?).

ALTERATION:- FRESH.

MINERALIZATION: TR DISS MAGNETITE THROUGHOUT UNIT

STRUCTURE: MOST FRACTURES PERPENDICULAR TO CA. OTHER ORIENTATIONS: 50°, 55, 15°, 130°, 35°, 160° SUBPARALLEL, 140'

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 200 Pg. 2 of 2

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn		Jar		Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		70.21	107.01	OUB2					N	N	T		N	N	0	0	0		.1		0	0	0	0	0	0	N	N	N	N	N	N	N	T	N

UPPER SECTION OF OUB2 COMPOSED OF VARIABLY GRAINED BEACH SANDS WHERE GRAIN SIZES RANGE FROM SILT SIZE TO 5mm IN SIZE. MINOR INTER-BEDS OF SILT. SAND SILT UNIT IS 1.36 m THICK. BELOW IS RUBBLY CORE COMPOSED OF GRANITE/GRANITOIDS, BASALTS, HIGH GRADE GNEISSES, TUFFS, SEDIMENTS. MOST COMMON CLASTS ARE OF INTERMEDIATE TO FELSIC IN COMPOSITION. MINOR PEBBLE DYKE IN SOME OF THE LARGER CLASTS. ANOTHER UNIT OF SANDS/SILTS FROM 93.83m TO 97.56m THIN, INTERMITTENT SILT/SAND BEDS INCLUDED FROM 97.56 TO EOH. SEDS + CLAST UNALTERED. TR JAROCITE ON RARE CLASTS.

EOH @ 107.01 m / 351'

04/10/96 Rob B

I - AM

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 201 Page 1 of 25

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARO=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9754		
Approximate Easting	10518		
Approximate Elevation	1470		
Date Drilling Started	SEPT 19TH.		
Date Drilling Ended	OCT 3rd		
Total Depth	2567	Casing	
Casing Depth		IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	T. PIERCE		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	29.35	TRIC	BASALT FRAGMENTS RANGING FROM DK RUST RED TO DARK GREY BROWN. VESICULAR BASALT TO 0.5CM ASH LIKE LIMPOSITES. ALL PIECES ARE SMALL AND MOST APPEAR TO HAVE BEEN TUMBLED AROUND BY THE BIT.																														
	29.35	87.2	FAXT	5	M	1	M	N	N	M		N	N	2.0	0.2	0				0	0.5	0.1	0	0	0	W	W	T	T	N	N	W	M	W
			LITHOLOGY :	LIGHT GREY TO MEDIUM GREY GREEN ROCK CRYSTALLINE ANDESITE TUFF [illegible] SERICITIZATION OF PLAG PHENO'S. DISSEMINATED PY THROUGHOUT ROCK SURROUNDED BY MAFICS → BIO → CHL. MUCH BIO IN TRANSITION TO CHLORITE FAIRLY LARGE PHENOCRYST (UP TO 1.0 CM) SOME MAGNETITE ASSOCIATED WITH PY. MAG DISSEMINATIONS CARBONATE STRINGERS FOUND EVERYWHERE ANASTOMOSING CHL MAKES UP ABOUT 10-15% OF THE ROCK																														
			ALTERATION:	- THE PREDOMINATE ALTERATION IS MODERATE PROPYLITIC ALTERATION WHICH OVERPRINTS THE MODERATE POTASSIC ALTERATION. - PROPYLITIC ALTERATION HAS MINOR MAGNETITE DISSEMINATED THROUGHOUT, A CALCAREOUS MATRIX, 2% PYRITE, A MODERATE CHLORITIZATION OF MAFICS AND A WEAK SERITIZATION OF THE PLAG PHENOCRYSTS. - POTASSIC ALTERATION IS TEXTURE DESTRUCTIVE MAFICS ARE GOING TO BIO → CHL MAIN BIO IN TRANSITION TO CHL AND THEN ON TO PYRITE AND/OR MAGNETITE. - ARGILLIC ALTERATION OCCURS STRONGLY IN ALL THE FAULT GOUGE ZONE AND WEAKLY IN SOME OF THE MINOR SHEAR ZONES.																														

I-G

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 202 Page 1 of 17

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricorned Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9793		
Approximate Easting	9865		
Approximate Elevation	1495		
Date Drilling Started	SEP 20/96		
Date Drilling Ended	SEP 26/96		
Total Depth	458.42	Casing	
Casing Depth		IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	CC			Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	26.52	OVBN	0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N
	26.52	111.86	FLOW	1	W	3	M	N	N	W		N	M	2	.2	0	.1			.01	1.5	1	0	0	0 MASKED	M	T	W	W	N	N	M	S	N

OVERBURDEN

LITHOLOGY: BLACK BASALT. COBBLES + BOULDERS. ROUGHLY 35% OF FRAGMENTS VESICULAR. FRAGMENTS ANGULAR-SUBANGULAR 23.47-23.72m LODGEMENT TILL. ANGULAR BASALT FRAGMENTS 5cm x 4cm. MATRIX OF MEDIUM BROWN, SLIGHTLY RUSTY SILT + CLAY.

ALTERATION: WEAK LIMONITE ON PARTINGS.

MINERALIZATION: BARREN

STRUCTURE: NONE.

PORPHYRITIC ANDESITE FLOW

LITHOLOGY: LIGHT TO MEDIUM GREENISH GREY & DARK GREY BLACK. TEXTURE VARIABLY WITH ALTN. 20%-35% SUBHEDRAL PLAG PHENOS AVERAGE 1.5mm x .8mm + 4mm x 1.5mm. VARIABLY CORRODED RIMS. 10-12% STRONGLY ALTD HORNBLENDE + MAFIC PHENOS ≤ 3mm LONG. QTZ EYES DIFFICULT TO DISCERN. FROM ~84m - 104m TEXTURE FAINT, COULD BE LOGGED AS A CRYSTAL TUFF BUT SCATTERED ISLANDS W/ PORPHYRITIC TEXTURE. IN SECTIONS LOOKS LIKE QDZ.

HELI-RIG BH-96-WY-2

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 203 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	UTM 5699175		
Approximate Easting	UTM 458280		
Approximate Elevation			
Date Drilling Started	SEP 21/96		
Date Drilling Ended	SEP 22/96		
Total Depth	48.77 m	Casing	
Casing Depth	15.24 m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.
		0	17.95	OVBN	OVERBURDEN 0			

SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim
N	N	N		N	N

MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn
0	0	0				0	0	.1	0	0	0

STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
N	N	N	N	N	N	N	S	N

LITHOLOGY: COMPRISED OF ~80% BLACK VESICULAR BASALT FRAGMENTS. FRAGMENTS ARE SUBANGULAR TO ANGULAR + RANGE IN SIZE FROM 2.5cm x 1cm TO COBBLES + BOULDERS. ~20% OF OVERBURDEN IS TILL. TILL IS COMPOSED OF 80-90% MEDIUM BROWN SILT + CLAY + 10-20% SUBANGULAR TO ANGULAR FRAGMENTS LARGELY OF VOLCANIC ORIGIN. FEW SPECKLED BLACK + WHITE DIORITE (?) CLASTS. CLASTS RANGE IN SIZE FROM 1mm TO 5cm x 4cm. SHORT INTERVAL W/ BROWN SANDY MATRIX PARTIALLY WASHED AWAY.

ALTERATION: WEAK CAL ALTN IN VOLCANIC CLASTS. WEAK HEM ON FEW PARTINGS.

MINERALIZATION: BARREN.

STRUCTURE: NONE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 203 Pg. 2 of 2

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		17.95	48.77	BSLT	BASALT 0				N	N	T		N	N	0	0	0				0	0	0	0	0	0									

LITHOLOGY: BLACK BASALT. ~50% VESICULAR. SERIES OF FLOWS w/ VESICULAR FLOW TOPS @:

17.95m

22.30m

23.66 m

26.22m

30.75m

32.57m

33.78m

36.33m

42.50m

45.69m.

VESICULAR SECTIONS MAY EXTEND FOR UP TO 1.46m. ~30% OF VESICLES ARE FILLED w/ GREEN MUD. VERY FEW GEOPETAL INDICATORS. VESICULAR SECTIONS ARE BROKEN + RUBBLY. FEW SHORT SECTIONS ≤ 7cm WIDE OF GREEN MUD.
~5% OF AMYGDULES OF WHITE CALCITE. TR - ½% HEULANDITE AMYGDULES

ALTERATION: TR DISS CAL. CAL IN ~5% OF VESICLES.

MINERALIZATION: BARREN.

STRUCTURE: LOCAL BEDDING AS WEAK ALIGNMENT OF VESICLES @ 70-80° TO C/A.
FRACTURES DOMINANTLY 80-85° TO C/A. FEW FRACTURES PARALLEL TO C/A.

EOH 48.77m

203 207
~~159~~ ~~158~~

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 204 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Tricone Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	*Post-Ore Intrusive Diorite*	*BEAT 23*	*Laminated Andesite Tuff*
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	*Mag = Magnetite*	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	5703050		
Approximate Easting	455840		
Approximate Elevation			
Date Drilling Started	23/09/96		
Date Drilling Ended	25/09/96		
Total Depth	45.26 m	Casing	
Casing Depth	5.33 m	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger			
Remarks			

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	5.33	LOST CORE																															
	5.33	37.14	BSLT	WEAK HEM O/P				N	N	T		N	N	.1	0	0				0	.1	.3	0	0	0	N	N	N	N	N	N	N	W	N

LITHOLOGY: RUBBLY CORE AT TOP OF INTERVAL. SEVERAL PEICES OF ANDESITE TUFF ABOVE BROKEN PIECES OF VESICULAR BASALT. BASALT IS MILDLY PORPHYRITIC W/ FELDSPAR PHENOS UP TO 3 mm IN LENGTH. PHENOS OCCUPY UP TO 25% OF THE UNIT. VESICLES FILLED W/ MUDS/CLAY, CARBONATE, BOTRYOIDAL CARBONATE. RARE PYRITE ON FRACTURES. WEAKLY MAGNETIC. WEAK TO LOCALLY MODERATE FRACTURING.

ALTERATION: MAG → HEM. OTHERWISE ROCK IS FRESH.

MINERALOGY: TR PY ON FRACTURES.
DISS MAGNETITE + HEM. SIGNIFICANT HEMATITIC MUDS ON FRACTURES

STRUCTURE: FRACTURE ORIENTATIONS: 45°, 80°, 15°, 90°, 20, 70°.
CLAY SEAMS: 19.40 → 19.62 m
31.80 → 31.92 m

GRAPHIC LOG
m

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 204 Pg. 2 of 2

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	37.14	41.30	OVB2					N	N	T		N	N	0	0	0				0	0	.5	0	0	0	N	N	N	N	N	N	N	N	N
	41.30	45.26	BSLT					N	N	W		N	N	0	0	0				0	.3	.2	0	0	0	N	N	N	N	N	N	N	W	N

37.14–41.30: TOP OF INTERVAL COMPOSED OF FINE SILTS/CLAYS. NO OBVIOUS BEDDING OR OTHER STRUCTURES OBSERVED. WITH DEPTH GRAIN SIZE INCREASES TO COARSE GRAINED SANDS W/ CLASTS (GRAINS?) UP TO 1cm ACROSS. COLOUR VARIES WITH DEPTH ALSO; AS DEPTH INCREASES COLOUR CHANGES FROM RUSTY RED TO DARK GREY THEN DARK GREY WITH A MINOR RUSTY HME OVERPRINTING. TR DISS CARB DISS THROUGHOUT AND MINOR HEMATITE GIVING RUSTY STAIN.

41.30–45.26:

LITHOLOGY: FG, PHENOS OF FELDSPARS ABSENT. APHANITIC MATRIX. DISS MAGNETITE IS MORE ABUNDANT THAN ABOVE BASALT. FLOW TOPS DENOTED ABUNDANT VESICLES WHICH MAY BE EMPTY OR FILLED W/ CLAY + CARB OR CARB ONLY. FLOW TOPS HAVE HEMATITE OVERPRINT

ALTERATION: FRESH EXCEPT FOR HEMATITE OVERPRINT. MAG → HEM.

MINERALOGY: TR DISS MAGNETITE

STRUCTURE: FRACTURE ORIENTATIONS: 60, 45, 80, 90, 30. RARE FRACTURES HEALED W/ MUDS/CLAYS.

EOH @ 45.26m / 148.50ft

Charles Baker 1/10/96

I-C

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 206 Page 1 of 8

SURVEY DATA

FILE COPY

DRAFT

Site Copy

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	3853		
Approximate Easting	9737		
Approximate Elevation	1535m		
Date Drilling Started	SEP 27/96		
Date Drilling Ended	OCT 04/96		
Total Depth	261.12m	Casing	
Casing Depth	4.27m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	68.16	BSLT	BASALT 0				N	N	N		N	W	0	0	0				0	0	.2	0	0	0	N	N	N	N	N	N	N	M	N

LITHOLOGY: BLACK BASALT. VESICULAR @ TOP OF UNIT 40-50% VESICLES W/ DIAMETER OF 3mm TO 1cm. VESICLE CONTENT + SIZE DECREASING DOWN SECTION TO ≤5%.
13.95 - 23.57m BASALT FRAGMENTS W/ LIMONITIC + BUFF CLAY + SILT. MINOR CONGLOMERATE/ BRECCIA. SUBROUNDED TO ANGULAR VESICULAR BASALT FRAGMENTS UP TO 4cm X 3cm CEMENTED BY BUFF CLAY (MUDSTONE) STAINED BY LIMONITE.

ALTERATION: WEAK HEM STAINING 0-8.73m.
8.73 - 68.16m WEAK TO MODERATE LIMONITE ON PARTINGS.

MINERALIZATION: BARREN

STRUCTURE: BEDDING DEFINED OVER SHORT INTERVALS AS VESICLES FLATTENED & ALIGNED ALONG FLOW PLANES @ 50° TO 60° TO C/A.
FRACTURES PARALLEL, 40° + 50° TO C/A.
46.97 - 52.04m BROKEN, RUBBLY CORE PARTIALLY DECOMPOSED TO MEDIUM BROWN, SLIGHTLY LIMONITIC

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM DRILL HOLE NUMBER 96 - 206 Pg. 2 of 3

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR		ALTERATION MINOR		SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
				Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn	CC			Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
			ESLT																															
	68.16	138.00	OVER	0				N	N	N		T	S	.1	0	0				0	0	.5	0	0	0	N	N	N	N	N	N	N	M	N
	138.00	162.22	FAXT	I	M			N	N	W		T	W	4	.4	0	.1			0	1.5	1.5	0	0	0	M	N	W	M	N	N	M	S	N

ESLT

STRUCTURE: CONSOLIDATED CLAY, BEDDING @ 50° TO C/A.
64.03 - 68.16m BROKEN, RUBBLY CORE + BROWN CLAY. 40-50% VESICLES. IMMEDIATELY OVERLYING OVER.

68.16 – 138.00 OVER

UNCONSOLIDATED SEDIMENTS

LITHOLOGY: MEDIUM RUSTY BROWN SEDIMENTS + LODGEMENT TILL.
SEDIMENTS COMPRISED OF SILT + CLAY SIZED GRAINS THAT ARE VARIABLY CONSOLIDATED.
LODGEMENT TILL COMPOSED OF 40-70% SUBROUNDED TO ANGULAR CLASTS IN A MATRIX OF RUSTY SILT + CLAY. CLASTS ARE MULTI-COLORED; RED, GREEN, GREEN-GREY + BUFF; + ARE LARGELY OF VOLCANIC (PLAG PORPHYRITIC ANDESITE + BASALT) ORIGIN W/ FEWER CLASTS OF PLUTONIC ORIGIN. CLASTS RANGE IN SIZE FROM 3mm TO 5cm.
121.45 - 138.00m ~20-30% SAND GRAINS W/ SILT + CLAY.

ALTERATION: STRONGLY LIMONITIC SEDIMENTS. INTENSE HEM ALTERATION IN ~30% OF CLASTS. CHL (MAFICS → CHL) + WEAK EP ALTERATION IN PLAG PORPHYRITIC CLASTS (QDI ?)

MINERALIZATION: 1% DISS PY IN QDI (?) CLASTS.

STRUCTURE: NONE

138.00 – 162.22 FAXT

CRYSTAL ANDESITE TUFF (POSSIBLE QDI MASKED BY ALTERATION)

LITHOLOGY: DARK GREY, MEDIUM GREEN GREY MEDIUM- TO COARSE-GRAINED PLAG CRYSTAL ANDESITE TUFF. POSSIBLE QDI W/ TEXTURE MASKED BY ALTN.

ALTERATION; K-SIL ALTN. MAFICS → BIO. PLAG → SER. 3% DISS > VNLT MAG. TOP HALF OF UNIT MAG → HEM. ~30% RETRO CHL AFTER BIO. MINOR LOCAL EP REPLACING MAFIC CLOTS + INTERGROWN W/ SPARSE CAL VNLTS. 1% FINE DISS PY, 3% FRACTURE PY. WEAK DISS CARBS.

STRONG LIM ON FRACTURES 138.00-140.07m

Jarosite
Scorodite
Siderite

3-E

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 -207 Page 1 of 26

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

FILE COPY

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr seriate-porph.
TRIC	1	Tricone Bedrock	QD1	17	Quartz Diorite-heterog fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead. Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10000		
Approximate Easting	11300		
Approximate Elevation	1515		
Date Drilling Started	29/09/96		
Date Drilling Ended			
Total Depth		Casing	
Casing Depth	12.75m	IN	OUT
Depth of HQ-NQ Reduction		154.53m	
Logged By	CHARLES BAKER		
2nd Logger	KEITH PORTE		
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn		Jar		Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	12.65	OVBN					N	N			T	T	.1	0	0		.1		0	0	0	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY: LODGEMENT TILL W/ CLASTS OF BASALT, GRANITE, TUFF, SEDIMENTS. CLAST SIZES RANGE FROM 2mm TO 15cm IN LENGTH + ARE GENERALLY ANGULAR TO SUBROUNDED

STRUCTURE: NO OBVIOUS BEDDING OR STRUCTURES

MINERALOGY: ON SOME CLASTS MODERATE JAROCITE + LIMONITE. TRACE EPIDOTE DUE TO ALTERATION OF FELDSPARS TR PYRITE DISSEMINATED IN SOME CLASTS

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn		Jar		Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	12.65	107.95	SUBV (FLOW?)	5	M	3	W	N	N	W		T	T	1	.1	0		.1		0	.1	.1	0	0	0	W	T	N	N	N	N	W	W	T

LITHOLOGY: MEDIUM GREY/GREEN FINE GRAINED MATRIX W/ FELDSPAR PHENOS (ALTERED TO EPIDOTE) DISSEMINATED EVENLY THROUGHOUT. FELDSPAR PHENOS ARE SUBHEDRAL TO ANHEDRAL; UP TO 3mm IN LENGTH AND OCCUPY APPROX 40% OF THE UNIT. TR DISS PYRITE. QTZ PHENOS RARE, APPROX 2mm IN LENGTH AND SUBHEDRAL. MINOR HAIRLINE CALCITE STRINGERS THROUGHOUT AND CALCITE ON FRACTURES ALSO. MINOR LIMONITE + JAROCITE ON FRACTURES AT TOP OF UNIT.
FELDSPARS ALSO ALTERED TO SER/CLAY/CARB AS WELL AS EPIDOTE.
TEXTURES WELL PRESERVED THROUGHOUT.
MINOR INTERVALS OF SER- AND OVERPRINTING GIVING BEIGE/BUFF COLOUR TO UNIT. GRADATIONAL CHANGES BETWEEN ALTERATION TYPES. SOME AREAS OF WEAKLY TO WELL DEVELOPED TRACHYTIC TEXTURE

2576' I-AU.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 208 Page 1 of 38

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	*11*	*Post-Ore Intrusive Diorite*	*BEAT*	*23*	*Laminated Andesite Tuff*
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	*Mag = Magnetite*	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn. *	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9784		
Approximate Easting	10614		
Approximate Elevation	1470		
Date Drilling Started	October 4th 96		
Date Drilling Ended	[illegible]		
Total Depth	775.41	**Casing**	
Casing Depth	34.60 m	**IN**	**OUT**
Depth of HQ-NQ Reduction			
Logged By	T. PIERCE.		
2nd Logger	C. BAKER		
Remarks	GYPSUM LINE 229.6		
	MISCATCH W/ LOST CORE		

@ 401->407'.

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	34.60 m	TRIC		NO		RECOVERY																											
	34.60 m	87.63 m	FAXT	5	M	7	W	N	N	W		N	N	2.0	0	0				0	1.0	0.2	0	0	0	W	N	N	T	N	N	W	S	W

LITHOLOGY: MEDIUM GREY GREEN BLOTCHY MOTTLED APPEARANCE SALT AND PEPPER TEXTURE - FELDSPARS + HORNBLENDES - GENERALLY FINE GRAINED. FELDSPARS WHERE TEXTURE IS APPARENT ARE BEING WEAKLY ALTERED TO SERICITE CLAY. CHLORITE IS ABUNDANT AND MAKES UP ~ 20% OF THE MATRIX. CLOTS OR XENOLITHS OF MORE MAFIC MATERIAL. MAFICS GOING TO BIO → CHL (MIXTURES) WITH MAGNETITE. MAFIC /CLUMPS HALOED OFTEN BY CHLORITE. CALCITE MINERAL ANASTAMOSING CALCITE VEINS (MILLI VEINS) ARE PERVASIVE OVER THE WHOLE INTERVAL.

ALTERATION:

- PREDOMINATE ALTERATION IS PROPYLITIC ALTERATION. LARGE PERCENTAGE OF CHLORITE AND MAFICS AS WELL AS LARGE PERCENTAGE OF MAGNETITE. MATRIX IS CALCAREOUS WITH A LARGE PERCENTAGE OF PY (2.0%) WEAK SERICITIZATION OF PLAG PHENOCRYSTS.
- ARGILLIC ALTERATION IS RELATIVELY PERVASIVE ON FRACTURES, THROUGH SHEARED ZONES, AND IS STRONGLY ALTERING IN FAULT GOUGES.
- SILICIFICATION OCCURS ALONG SOME AREAS IN ISOLATED INTERVALS FROM 5 TO 10 CM. THICK
- PHYLLIC ENVELOPES ARE PRESENT → ONE VEIN HAS A MINOR PHYLLIC ENVELOPE.

I-E

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 203 Page 1 of 9

DRAFT

Site Copy

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden
TRIC	1	Trucated Bedrock
BSLT	2	Basalt
OVB2	3	Unconsolidated Sediments
PMPD	11	Post-Ore Intrusive Diorite
INBX	12	Intrusive Breccia
FP	13	Feldspar Porphyry
QFP	14	Quartz Feldspar Porphyry
QD3	15	Quartz Diorite-seriagranular to subporphyritic
QD2	16	Quartz Diorite-c.gr. seriate-porph.
QD1	17	Quartz Diorite-heterog. fine porph.
FAXT	21	Andesite Tuff (mainly crystal tuff)
DEBF	22	Andesite Lapilli Tuff (debris flow)
BEAT	23	Laminated Andesite Tuff
FLOW	24	Porphyritic Andesite Flow
SUBV	25	Crowded Porphyritic Andesite
SEDS	31	Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARO=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	10022		
Approximate Easting	98676		
Approximate Elevation	1455m		
Date Drilling Started	OCT 5/96		
Date Drilling Ended	OCT 8/96		
Total Depth	281.63m	Casing	
Casing Depth	41.45m	IN [✓ OUT]	
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	12.55	BSLT	BASALT 0				N	N	N		N	T	0	0	0				0	0	.05	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY: DARK GREY BLACK. FINELY PORPHYRITIC. ≤5% SUBHEDRAL TO EUHEDRAL PLAG PHENOS AVERAGE .5mm LONG. VESICLES VARIABLE, TR TO 15%. FEW FILLED W/ GREEN CLAY.

ALTERATION: TR LIM + HEM ON FRACTURE SURFACES.

MINERALIZATION: BARREN.

STRUCTURE: BROKEN, RUBBLY CORE.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	12.55	46.95	OVB2	UNCONSOLIDATED SEDIMENTS 0				N	N	W		T	M	.1	0	0				0	0	.5	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: LODGEMENT TILL. ANGULAR CLASTS COMPRISED SUBEQUALLY OF RED, MAROON & GREEN VOLCANIC (ANDESITE + BASALT) ORIGIN + PORPHYRITIC TO EQUIGRANULAR BUFF, LIGHT GREY + GREY-GREEN PLUTONIC (QD1, QD2, QD3?) ORIGIN. SPARSE POSSIBLE SEDIMENTARY CLASTS. CLASTS RANGE IN SIZE FROM 3mm x 2mm TO 5cm x 4.5cm + TOTAL UP TO 50% OF THE TILL. THE MATRIX IS COMPOSED OF MEDIUM RUSTY BROWN UNCONSOLIDATED SILT + CLAY W/ LESSER SAND

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 209 Pg. 2 of 3

OVB2

ALTERATION: MAFICS → CHL, PLAG → WEAK SER. WEAK SER ALTN IN PORPHYRITIC DIORITE. WEAK LOCAL CLAYS. ~10% OF CLASTS W/ INTENSE LIM + HEM ALTN.

MINERALIZATION: TR DISS PY IN DIORITE CLASTS.

STRUCTURE: NONE

P or S	FROM	TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SEC. MIN. Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	CC	Cu	Mal	Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	46.35	61.48	QD1	I	M	3	M	N	N	T		N	M	.7	.3	0	.1	.01	.1	.1	.1	1	0	0	0	W	N	T	M	N	N	W	S	N

QUARTZ DIORITE - FINELY PORPHYRITIC

LITHOLOGY: DARK GREY, BLACK + LIGHT GREY. JAROSITE, LIMONITE + HEMATITE STAINING. SECTIONS OF PARTIALLY MASKED TEXTURE. 45-50%. EUHEDRAL PLAG PHENOS 1-2mm x .075-1mm. 10% STRONGLY ALTD HORNBLENDE PHENOS. ~1% QTZ PHENOS AVERAGE 1mm DIAMETER. FINE-GRAINED GROUNDMASS.

ALTERATION: K-SIL ALTN 46.35-54.69m. MAFICS → BIO. 25% OF BIO → CHL. PLAG → MODERATE SER. DISS + MICROVNLT MAG LARGELY ALTD TO HEM. 54.69-61.48m SER-CLAY + SER-ANK-CLAY OVERPRINTING K-SIL ALTN. PLAG → SER-CLAY ± CARB. MAFICS WEAKLY ALTD TO ANK. SHORT SECTION OF MAFICS → CHL. MODERATE JAROSITE + LIMONITE STAINING W/ LESSER HEM STAINING ON PARTINGS
ENVELOPES OF SER-QTZ AROUND PY ± CPY VNLTS/MICROVNLTS.

MINERALIZATION: PYRITE: 0.7% AS VNLTS + FRACTURE FILL W/ OR WITHOUT QTZ, HEM, CPY.
CHALCOPYRITE: 0.3% DISS IN QTZ + SPECULARITE VNLTS + MICROVNLTS
MALACHITE: 0.1% DISS + 1mm FLECKS ON PARTINGS + IN QTZ VNLTS. FEW MAL GRAINS SITTING ON CC?
CHALCOCITE: POWDERY MASSES, ~ ≤ 0.5mm THICK, ON FRACTURES + IN MICROVNLTS OFTEN ALONG W/ CPY.
NATIVE COPPER: 1 GRAIN ~ 3/10 mm ON QTZ VNLT ALONG W/ CPY-MO-PY @ 57.49m
MOLYBDENITE: DISS + FINE MASSES IN QTZ ALONG W/ CPY
SPECULARITE: IN QTZ VNLTS + HEALING MICROFRACTURES.

STRUCTURE: SECTIONS OF COMPETENT CORE INTERMIXED W/ BROKEN RUBBLE.
CPY-MO-Cu-QTZ VNLT 55° TO C/A.
60.93 m 8cm GREEN-GREY GOUGE 55° TO C/A. FRACTURES PARALLEL + 40° TO C/A.

I-I

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 210 Page 1 of 17

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00					
Downhole 1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Tacoma Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = *Indicate presence of TtTn and/or PbZn*

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10006		
Approximate Easting	9894		
Approximate Elevation	1450m		
Date Drilling Started	OCT 08/96		
Date Drilling Ended	OCT 12/96		
Total Depth	409.65m	Casing	
Casing Depth	29.26m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
					CASING TO 29.26m																														
		0	29.38	OVBN	OVERBURDEN 0				N	N	W		N	M	.1	0	0				0	0	.5	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 0-17.68m BLACK VESICULAR + PLAG PORPHYRITIC BASALT BOULDERS + COBBLES w/ SECTIONS ≤70cm LONG OF LODGEMENT TILL. LODGEMENT TILL COMPRISED OF ~70% MEDIUM + SLIGHTLY RUSTY BROWN SILT + CLAY + ~30% SUBANGULAR TO ANGULAR CLASTS OF MAROON + BLACK BASALT + HORNBLENDE - PLAG PORPHYRY.

17.68-29.38m FRAGMENTS 1.5cm x 1.0cm TO 13 cm LONG OF BLACK BASALT (80%) + COARSE-GRAINED, EQUIGRANULAR RUSTY QTZ DIORITE (20%). FRAGMENTS ANGULAR TO SUBANGULAR.

ALTERATION: INTENSE LIMONITE + JAROSITE ALT'D QTZ DIORITE FRAGMENTS. MODERATE DISS CARB IN QTZ DIORITE. LOCAL WEAK HEM STAINING ON BASALT PARTINGS.

MINERALIZATION: DISS + FINE BLEB CPY IN QTZ DIORITE FRAGMENTS

STRUCTURE: NONE

I-L

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 211 Page 1 of 29

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9555		
Approximate Easting	10059		
Approximate Elevation	1495		
Date Drilling Started	13/10/96		
Date Drilling Ended	23/10/96		
Total Depth	690.07	Casing	
Casing Depth	29.26	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	[illegible]		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	26.94	OVBN					N	N	N		T	T	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY CLAY SUPPORTED POLYCLASTIC, POORLY SORTED UNCONSOLIDATED SEDIMENT (APPROX 60% CLAY) COMPRISES 70% OF INTERVAL, THE REMAINING 30% CONSISTS OF LOOSE COBBLES AND PEBBLES. CLASTS AND LOOSE MATERIAL ARE TYPICALLY SUB ROUNDED BUT ALL VARIATIONS FROM SUB ANGULAR TO ROUNDED OCCUR. THERE IS ALSO A CONSIDERABLE SIZE VARIATION FROM FINE GRAVEL (< 10 mm) UP TO SMALL BOULDERS (± 30 cm). IN DECREASING ORDER OF ABUNDANCE CLASTS AND LOOSE MATERIAL CONSIST OF VESICULAR BASALT > GRANITE > DIORITE > QZ PEBBLES > ALTERED MAFIC VOLCANICS > SEDIMENTS. INTERPRETED AS LODGEMENT TILL.

STRUCTURE NO OBVIOUS BEDDING OR SORTING, IMBRICATION ETC.

MINERALOGY CLAST DEPENDENT, MINOR LIMONITIC STAIN OF CLAY MATRIX IN PLACES (< 5% TOTAL)

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		26.94	31.55	BSLT	0		0		N	N	N		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	W	N

LITHOLOGY DARK GREY TO BLACK, HARD, COMPACT, POORLY VESICULAR BASALT (APPROX 1-2% VESICLES BY VOLUME). GROUNDMASS APHANITIC WITH SUBHEDRAL PLAGIOCLASE MICROPHENOCRYSTS (± 0.3-0.5 mm) COMPRISING ± 15% OF ROCK. SPORADIC PYROXENE? AND LESSER OLIVINE?! MICROPHENOCRYSTS OF SIMILAR SIZE ALSO OCCUR BUT ARE LESS COMMON THAN PLAGIOCLASE (< 3% TOTAL). VESICLES HAVE CIRCULAR CROSS SECTIONS AND ARE GENERALLY OPEN, OCCASIONALLY FILLED WITH CLAY, OR RARELY BY CALCITE. ONE VESICLE WAS FILLED WITH NON-HCL REACTIVE, CRYSTALLINE AGGREGATE (ZEOLITE?).

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 211 Pg. 2 of

GRAPHIC LOG m

ALTERATION — THERE IS NO OBVIOUS ALTERATION OF THE PRIMARY MINERALOGY

MINERALISATION — APART FROM LATE STAGE CALCITE FILLING OF VESICLES, THERE IS NO OTHER OBSERVABLE MINERALISATION

STRUCTURE — NO OBVIOUS STRUCTURE IS APPARENT, E.G. THERE IS NO FLOW ALIGNMENT OF MICROPHENOCRYSTS NO FLATTENING/DRAWING OUT OF VESICLES, NEITHER IS THERE ANY OBVIOUS INCREASE IN NUMBER OR SIZE OF VESICLES TOWARDS THE TOP OF THE UNIT

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	31.55	48.28	OUB2					N	N	N		N	M	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY — WEAKLY CONSOLIDATED, RUSTY COLOURED, POLYCLASTIC, CONGLOMERATE. WEAKLY SORTED WIT SUBANGULAR CLASTS TYPICALLY GRAVEL SIZED (± 1 - 2 cm) SET IN A PARTIALLY CONSOLIDAT CLAYEY MATRIX. OCCASIONAL LARGER CLASTS OF VESICULAR BASALT UP TO 5-6 cm ALSO OCCUR. CLASTS PREDOMINANTLY VESICULAR BASALT WITH LESSER AMOUNTS OF APHANITIC GREY TO GREY-GREEN VOLCANIC.

ALTERATION — THERE IS A GENERAL PERVASIVE LIMONITIC STAINING, WITH THE MATRIX GENERALLY STRONGLY ALTERED AND THE CLASTS VARIABLY ALTERED, DEPENDING ON THEIR ORIGINAL COMPOSITION

MINERALISATION — APART FROM THE GENERAL LIMONITIC DEVELOPMENT, THERE IS NO OBVIOUS MINERALISATION

STRUCTURE — APART FROM A WEAK SORTING OF CLASTS (I.E. A GENERAL SIMILARITY IN SIZE) STRUCTURAL FEATURES ARE GENERALLY ABSENT. HOWEVER THE LARGER BASALTIC CLASTS EXHIBIT SOME FLATTENING AND ALIGNMENT OF VESICLES, INDICATIVE OF ORIGINAL FLOW STRUCTURES.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	48.28	85.80	BEAT	5	M	6	W	N	N	M		N	W	0.75	0.1	0				0	0	0	0	0	0	T	N	N	W	N	N	W	M	W

LITHOLOGY — GREY, TO PALE GREY-GREEN LOCALLY FINELY SPECKLED, GENERALLY FINELY LAMINATED TUFF. SILICEOUS OVERALL AND GENERA V. FINE GRAINED, WITH BEDDING LAMINATION DEFINED BY ALTERNATION IN GRAIN SIZE AND PERCENTAGE OF MAFICS. IN PLACES THERE IS A 'STREAKINESS' TO THE CHLORITIC ZONES WITH FINE CHLORITIC STREAKS (± 1mm THICK) ALTERNATING WITH MORE SILICEOUS GREY LAYERS (± 10mm THICK). CRYSTAL FRAGMENTS AND LARGER PYROCLASTS ARE RARE. MAFIC 'SPECKLES' MAY EXCEED 2mm BUT APPEAR TO BE AGGREGATES RATHER THAN PSEUDOMORPHED CRYSTA FRAGMENTS. INTERPRETED AS BEAT ON BASIS OF FINE GR. SIZE AND WELL DEVELOPED BEDDING/LAMINATION.

ALTERATION — LIMONITIC STAINED WEATHERED MATERIAL EXTENDS DOWN TO ± 55.00 m. THE OVERALL HYDROTHERMAL ALTERATION IS PROPYLITIC, WITH ABUNDANT DISSEMINATED CALCITE AND CHLORITISED MAFICS RARE PHYLLIC ALTERATION ADJACENT TO SOME OF THE SPARSE SULPHIDE VEINS ALSO OCCURS ARGILLIC ALTERATION OCCURS IN MINOR GOUGE ZONES, TYPICALLY 5cm OR LESS IN THICKNESS

G-B

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 212 Page 1 of 38

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Tricone Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9200
Approximate Easting	10530
Approximate Elevation	1465m
Date Drilling Started	OCT 13/96
Date Drilling Ended	OCT 31/96
Total Depth	648.31m
Casing Depth	254.20m
Casing	IN [✓ OUT]
Depth of HQ-NQ Reduction	
Logged By	GERNOT WOBER
2nd Logger	KEITH ROBERTS
Remarks	

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	2.13		NO RECOVERY																														
		2.13	173.20	OVB																															

2.13 – 12.80
70% basalt rubble subrounded to rounded ≤1cm to 10cm pieces.
Basalt varies from black to dark green in color.
30% Granodioritic + Dioritic frags of similar size as basalt.
Basalt sometimes vesicular

12.80 – 24.99
60-70% tan brown clay + silt with up to 30% Basalt and crystal tuff frags from 5cm to ≤ 1/2cm.
Quite unsorted with fragment colors varying from black to green, limonite orange to grey. Occasional 10-15cm boulder in clay – sand mixture
– Clay is [illegible] not very cohesive able to break [illegible] amount silt present

24.99 – 29.37
70% silt 5% clay 25% fragments from [illegible] 10 ≤ 2mm
Fragments mostly of basalt or dark green diorite with occasional strongly limonite altered intervals of crystal tuffs

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 212 Pg. 2 of 38

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk

intervals is mostly unsorted and massive with occasional ≤ 10cm
sections of finely bedded silt at approximately 50 to 60° to C.A.
LOWER CONTACT OF INTERVAL sharp @ 60°

29.87 - 40.5 m. CLAY
weakly bedded to finely laminated almost pure very plastic clay
Bedding mostly @ 60 to 65° with finely laminated zones @ 40-45°
Layering defined by bands of tan and brown clay. Some
sections show swirled texture where slumping may have occurred.

Bedding @		
31.4 m	60°	to C.A
33.0	45°	
33.8 m	45°	
36.0	25°	
37.0	40.°	
38.7	43°	
40.0	45°	

– THIS CLAY IS probably pure enough for pottery purposes.

40.5m – 46.33 SILT
tan brown silt to progressively greener towards bottom of interval
silt becomes slightly coarser and greener at the same time
– ends up as pale forest green.

46.33 – 56.9 SILT + rubble
– 30% silt with 70% Basalt, dioritic + granodioritic frags ≤ 10cm
to ≤ 1cm – some fine grained green volcanic frags.
Basalt sometimes vesicular

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96-212 Pg. 3 of 38

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik

56.9 - 63.1

: SILT + sand
tan brown with weak limonite alteration to dark green slightly more clay rich silt + sand. Grades from tan uphole to dark green downhole.
Bedding in fine sand @ 59.60m of 40° to CA

Sand + clay + silt looks to be composed almost entirely of basalt constituents. (hence green color ?)

63.1 - 73.0

Cobbles
60% basalt 40% granodioritic to dioritic fragments. Largest fragment is a 45cm piece of granodiorite, most frags average 10cm to 20cm. Occasional fine grained green epidote altered volcanic frags.
Basalt both vesicular and massive

73.0 - 78.2

SILT + SAND
Tan brown silt and fine to coarse sand at bottom of interval
Only trace amounts of clay. Falls apart in core boxes.

78.2 - 87.18

BASALT cobbles
Dark green to black basalt occasional vesicular frags.
Pieces vary from 50cm to <1cm most being around 3-4 cm. Basalt weakly calcareous
Approximately 50% lath very fine feldspar crystals <1mm in very fine grained black to dark green matrix very chloritic

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 212 Pg. 4 of 38

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)									(*)		STRUCTURE - VEINS (INTENSITY)								
					MAJOR		MINOR																											
		FROM	TO		Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn			Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik

87.48 - 105.77 Bedded siltstone

- tan brown to light grey thinly bedded (≤ ½cm to 3cm)
- unconsolidated siltstone. Hardness = 1
- interbedded clay seams parallel to bedding ≤ 1mm to 20cm

some bedding planes weakly limonite altered. Reddish hematite?
or iron stained beds quite common

Bedding @ 90.5m 45° to C.A
92.0 50°
94.0 48°
95.5 45°
96.5 50
98.0 60°
99.0 50°
99.5 60°
100.0 60

Clay seam @ 97.25 to 97.44 @ 50° to C.A.
98.41 98.50 @ 60° to C.A

105.77 - 122.5 Bedded siltstone
grey and bright pale to dark green and occasionally maroon brown
beds from 1mm to 5cm.
Green beds probably chlorite and/or smectite rich layers (approx 30% of interval)
Fault @ 110.3m @ 25° to CA. Shears contact to brecciated
zone ≈ 5cm thick (true) containing frags of green grey
and maroon siltstone

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 212 Pg. 5 of 30

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik

Bedding @ 106m is 55° to C.A
108m 50°
110.5m 60°
112.0 60°
113.0 55°
115.0 60°
118.0 60°
121.0 60°
122.0 70°

- Some of the thinner beds seem slightly more clay rich than others.
- The bedding planes occasionally have very weak traces of calcite on them

122.5 – 173.70m Interbedded siltstone + clay layers
grey-green, beige and brown beds 1mm to 3cm of interbedded silt, fine silt and clay partially consolidated,
Hardness = 1
- seems to be glacio-lacustrine varves. Becomes less massive and more laminated towards bottom of interval.
NO cross-bedding observed

- 1/2cm clay seam @ 130.40m @ 25° to C.A cross-cutting bedding

BEDDING @ 124m is 53° to CA.
127m 57°
130.0m 60°
133.0 m 60°
135.0 m 60°
137.0 70°

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 212 Pg. 6 of 38

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	173.20	187.08	SUBV	7	M	5	T	N	N	T		T	M	.25	0	0				0	0	0	0	0	0	W	–	–	W	–	–	–	M	T

Bedding @ 140.0m is @ 60° to C.A
144.0 m 60°
146.0 65°
148.0 65°
152.0 63°
156.0 70°
159.0 62°
162.0 68°
167.0 65°
170.0 60°
172.5 55°

LOWER CONTACT sharp and regular.

LITHOLOGY

Pale grey to tan-grey colored, fine grained matrix w̄ 20% ≤1mm clay + sericite altered feldspar phenos. Some of the feldspar (3%) phenos are tan brown in color with a pitted texture. Trace amounts pyrite as tiny points in matrix.

Mineralization

trace amounts pyrite disseminated through matrix. 1/4% pyrite as fracture coating to qtz - ca veins, sometimes polished as sticks.

Alteration

Pervasive moderate argillic alteration; clay altered feldspars, some talc on fracture surfaces. Patchy green zones of propylitic alteration occur as ≤5cm to weak in sections

56.42   76.50

TOBY PLEASE PLOT.

I - BA

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 213 Page 1 of 2

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9814		
Approximate Easting	10709		
Approximate Elevation	1475		
Date Drilling Started	16/10/96		
Date Drilling Ended	19/10/96		
Total Depth	133.2 m	Casing	
Casing Depth	80.47 m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	CHARLES BAKER		
2nd Logger			
Remarks	No recovery 0 - 39.62 m		
	& 56.54 m - 76.50 m		

HOLE PINCHED @ 133.2 m

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.
	0	39.62	TRICONED	NO RECOVERY			
	39.62	133.2	FAXT	7	M	3	W

SECONDARY MINERALS (INTENSITY), interval 39.62 - 133.2:

Anh	Gyp	Cb	Tor	Ep	Lim
N	N	M	W	N	W

MINERALIZATION (PERCENT), interval 39.62 - 133.2:

Py	Cpy	Bn	Tor	Lim		Mol	Mag	Hem	Po	TtTn (*)	PbZn (*)
1.5	0	0	1.0	0.7			0	0	0	0	0

STRUCTURE - VEINS (INTENSITY), interval 39.62 - 133.2:

Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
H	N	N						

Casing advanced to 186.5' then to 251' (no recovery between 186.5' to 251') then pushed to 264'

LITHOLOGY TOP 13 m OF RECOVERED CORE IS HEAVILY WEATHERED. ROCK IS STRONGLY PITTED AND [illegible] LIMONITE AND JAROSITE ARE COMMON THROUGHOUT. POSSIBLE REPLACEMENT OF PYRITE VEINS BY HEMATITE/CHALCOCITE (?) MAY BE [illegible] IS MODERATELY HARD AND HAS A RUSTY RED/BROWN STREAK (Fe/Hm COLOUR?)

BELOW OXIDIZED ZONE UNIT IS LIGHT GREY TO GREEN / [illegible] [illegible] CONTAINING MINOR PYRITE, UBIQUITOUS AMPHIBOLE [illegible] PSEUDOMORPHS [illegible] THESE COMPRISE APPROX 5-7% OF THE UNIT [illegible] TOTALLY DESTROYED AND CAUSED [illegible] VERY SOFT.

MINOR SERICITE THROUGHOUT AND [illegible] AFTER STRETCHING.

ALTERATION ARGILLIC ALTERATION IS DOMINANT [illegible] AND SOFTENS THE UNIT SUBSTANTIALLY.

UBIQUITOUS SERICITE AND MINOR CARBONATE CONTENT INDICATES POSSIBLE SER-ANK ALT'N ALSO.

ALSO POSSIBLE THAT ALTERATION IS SCC (SERICITE, CHLORITE, CLAY) DUE TO HIGH CHLORITE CONTENT AND UBIQUITOUS CLAY.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 214 Page 1 of 4

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricones Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9814
Approximate Easting	10709
Approximate Elevation	1475
Date Drilling Started	19/10/96
Date Drilling Ended	25/10/96
Total Depth	457'
Casing	IN [✓ OUT]
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	CHARLES BAKER
2nd Logger	TOBY PIERLE
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb	Tol	Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(f) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	32.71	OVBN					N	N																									
	32.71	5322	FAXT	? 1	[illegible]	? 7	[illegible]	N	N	T	W	N	M	0.1	0	0				0	0	02	0	0	0	N	N	N	N	N	N	N	S	N

DESCRIPTION. OVBN IS VARIABLY SORTED WITH SANDY/SILTY MATRIX AND MODERATELY ABUNDANT CLASTS UP TO 10 cm IN LENGTH. THE MAJORITY OF THE CLASTS ARE 3-5 cm IN SIZE AND CLAST LITHOLOGIES CONSIST OF: GRANITOIDS, BASALTS, TUFFS, SUBV + SEDIMENTS. TRACE [illegible] IN CLASTS. POSSIBLE FLUVIAL-TYPE SEDIMENTS. OR POSSIBLE DEBRIS FLOWS

STRUCTURE: LARGER CLASTS APPEAR TO BE CONCENTRATED IN LOCALIZED INTERVALS OVERLAIN BY FINER GRAINED SEDIMENTS. POSSIBLY REPRESENT FREEZE/THAW PERIODS DURING GLACIATION WHERE THAW PERIODS RESULT IN HIGH ENERGY DEPOSITIONAL ENVIRONMENT DEPOSITING COARSE GRAINED MATERIAL THEN LOWER ENERGY ENVIRONMENT (DURING FREEZE PERIOD) DEPOSITING FINER GRAINED MATERIAL ABOVE COARSE GRAINED MATERIAL.

[illegible]: BLOCKY CORE AND MODERATE TO LOCALLY INTENSE WEATHERING OBSCURES LITHOLOGY TO VARYING EXTENTS. MATRIX IS APHANITIC BUT DISPLAYS WEAK BEDDING

I-AA

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 215 Page 1 of 18

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA			
Approximate Northing	9827		
Approximate Easting	10279		
Approximate Elevation	1460		
Date Drilling Started	24/10/96		
Date Drilling Ended	09/11/96		
Total Depth	628.80	Casing	
Casing Depth	87.17	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	KEITH ROBERTS		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.
		0	84.35	OVBN		N		N

SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim
N	N	N		T	T

MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn
0	0	0				0	0	0	0	0	0

STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
N	N	N	M	N	N	N	W	N

LITHOLOGY UNCONSOLIDATED SEDIMENTS – GLACIALLY DERIVED

0.00 – 8.53 LOOSE PEBBLES AND SMALL COBBLES, NO MATRIX, POLYLITHIC

8.53 – 17.67 PREDOMINANTLY SANDY CLAY WITH A SMALL BOULDER OF VESICULAR BASALT AND SMALL ANGULAR CLASTS OF VARIED LITHOLOGIES NEARER THE BASE. FAIRLY COMPETENT

17.67 – 36.30 UNSORTED COARSE GRAINED SAND WITH CLAY MATRIX CONTAINING ABUNDANT, ROUNDED TO ANGULAR POLYLITHIC CLASTS OF GRAVEL, PEBBLE AND SMALL [illegible] WITH OCCASIONAL SMALL BOULDERS (± 20 cm). FAIRLY COMPETENT

36.30 – 37.60 UNSORTED MEDIUM GLACIAL SAND, PHENOCLASTS LARGELY ABSENT, CLAY MATRIX, FAIRLY COMPETENT

37.60 – 39.60 MED. BROWN, LARGELY UNBEDDED, PLASTIC CLAY. VAGUE BEDDING, INDICATED BY ± 5 mm THICK DIFFUSE COLOUR BANDING @ 45° TO CA

39.60 – 40.40 GREENISH BROWN, FINELY LAMINATED SILTY/CLAY BEDDING @ 45° TO CA, SLIGHTLY COARSER TOWARDS BASE

40.40 – 44.00 AS FOR 17.67 – 36.30,

44.00 – 84.35 LOOSE PEBBLES AND SMALL COBBLES, OCCASIONAL SMALL BOULDERS, BASALT, DIORITE

STRUCTURE - BEDDING @ 45° - AS NOTED

MINERALOGY CLAST DEPENDENT, SLIGHT LIMONITIC STAINING TO MATRIX BELOW 40.40 m

1- BF

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 216 Page 1 of 27

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole 1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DBBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9847
Approximate Easting	10803
Approximate Elevation	1480 m
Date Drilling Started	OCT. 25th 1996
Date Drilling Ended	NOV. 2nd 1996
Total Depth	2116'
Casing	IN [✓ OUT]
Casing Depth	247'
Depth of HQ-NQ Reduction	
Logged By	T. PIERCE
2nd Logger	–
Remarks	

LOG

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.0	9.20 m	BSLT																															
		9.20m	73.46 m	OVB2	0				N	N	N		W	M	0.1	0	0				0	0.2	0.1	0	0	0	N	N	N	N	N	N	N	N	N

0.0 – 9.20 m BSLT: RUBBLY MED GREY BASALT PACKAGE. ROUNDED BASALT COBBLES WITH SMALL VESICLES ~ 1mm, FSPAR X-TALS AND MAFICS. (HBL?) FINAL COMPETENT BASALT FOR 50 cm UNTIL CONTACT AT 9.20m ~ 45°

LITHOLOGY: UNCONSOLIDATED SEDIMENTS • MUD MATRIX TO CLAY MATRIX SUPPORTING ANGULAR TO SUBANGULAR FRAGMENTS GENERALLY 1-10 mm IN SIZE WITH ~ 20% BTWN 2 AND 15 cm IN SIZE. CLASTS RANGE FROM EPIDOTE/CHLORITE RICH SUBV CLASTS, HEMATITE STAINED RED CHERT, GRANITOIDS, QTZ/HEM FRAGMENTS. MAFICS, IRON CARBONATES. MUD CONCENTRATIONS RANGE FROM 30-50%. ARE GENERALLY ORANGE BROWN IN NATURE TO A DEPTH OF 60.05 m AT WHICH POINT COLOR CHANGES TO A GREY-VIOLET. ~~[illegible]~~ OF MUD ALSO INCREASE, TO BTWN 80 AND 95%, APPEARS TO BE A WATER DEPOSITED POORLY SORTED TILL SEQUENCE. CLASTS CONTAIN LIMONITE, GOETHITE, JAROSITE, EPIDOTE, PYRITE, AND MAGNETITE.

ALTERATION: NO ALTERATION IN THE CLASSIC SENSE, BUT HEAVY LIMONITE ALTERATION OF THE MATRIX MUD/CLAY MIXTURE MOST LIKELY FROM PY → LIM. THROUGH OXIDATION AT 60.05 m THE SGE MAGNETITE → HEMATITE GIVING A MORE RED AND PURPLE APPEARANCE. SOME OF THE CLASTS ARE HEAVILY ALTERED WITH PLAGIOCLASE → EPIDOTE, HEMATITE STAINING, PY → LIM + JAR.

MINERALIZATION: PYRITE: DISSEMINATED UNTARNISHED BRASSY PYRITE WITH GOOD X-STAL FORM THROUGHOUT SOME OF THE (0.1%) MORE ALTERED CLASTS. CUBIC PYRITE XSTALS ARE 1-2mm IN SIZE

I-BG

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 217 Page 1 of 21

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9639
Approximate Easting	9322
Approximate Elevation	1515m
Date Drilling Started	OCT 28/96
Date Drilling Ended	NOV 3/96
Total Depth	532.49m
Casing	
Casing Depth	65.23
IN [✓ OUT]	
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

GRAPHIC LOG m

OVERBURDEN

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	20.76	OVBN	0				N	N	W		N	W	0	0	0				0	0	0.	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY: MIXTURE OF BOULDERS, COBBLES + PEBBLES OF BLACK NON-VESICULAR BASALT W/ LESSER VESICULAR BASALT + LODGEMENT TILL. MINOR FRAGMENTS ≤ 9cm LONG OF MAROON DARK GRAY PLAG-OL PORPHYRITIC BASALT. LODGEMENT TILL COMPRISED OF SUB-ANGULAR TO ANGULAR FRAGMENTS ≤ 2cm X 2cm OF DARK GREY BLACK BASALT + LESSER LIMONITIC + SPECKLED BLACK + WHITE INTRUSIVES. MAXTRIX OF MEDIUM BROWN SILT + CLAY.

ALTERATION: PLAG PHENOS IN PLAG-OL PORPHYRITIC BASALT PARTIALLY ALTD TO CAL. INTRUSIVE FRAGS IN TILL WEAK TO MOD LIM.

MINERALIZATION: BARREN

STRUCTURE: NONE

BASALT FLOWS + BRECCIAS.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	20.76	89.00	BSLT	0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	M	N

LITHOLOGY: SEQUENCE OF FLOWS + BRECCIAS.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 217 Pg. 2 of 21

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TiTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
				BSLT	LITHOLOGY:																															

20.76 - 24.25m FLOW. MEDIUM TO DARK GREY. FINE-GRAINED. SPARSE VESICLES (~1%) FROM 20.76-23.53m. 23.53 - 24.25m INCREASE IN VESICLE CONTENT + SIZE.

24.25 - 36.85m BRECCIA. BLACK, VESICULAR BASALT CLASTS W/ RAGGED, ANGULAR EDGES, SUPPORTED BY A MATRIX OF SEMI-CONSOLIDATED TO CONSOLIDATED YELLOW-BROWN CLAY. ~60% FRAGMENTS + ~40% MATRIX.

36.85 - 40.21 m FLOW. DARK GREY BLACK. ≤ 1% VESICLES. FINE-GRAINED. ~5% FINE, WHITE SUBHEDRAL PLAG(?) CRYSTALS ≤ 0.25mm LONG. VERY LITTLE WEATHERING @ TOP OF UNIT SUGGESTS RAPID DEPOSITIONAL ENVIRONMENT.

40.21 - 69.00m BRECCIA. SECTIONS OF BLACK VESICULAR BASALT CLASTS ≤ 17 CM LONG IN A YELLOW-BROWN SEMI-CONSOLIDATED TO CONSOLIDATED CLAY MATRIX. ~3% OF VESICLES FILLED W/ CLAY. CLASTS HAVE MEDIUM GREY CHILL MARGINS (?)/ALTERATION RIMS (?). 53.95 - 68.71m BSLT FRAGMENTS W/ CLAY MATRIX LARGELY WASHED AWAY.

69.00 - 72.81m. FLOW. DARK GREY, NON-VESICULAR, FINE-GRAINED. ≤ 5% FINE, WHITE PLAG (?) PHENOS ~0.25 mm LONG.

72.81 - 78.43m BRECCIA. BLACK VESICULAR & NON-VESICULAR CLASTS IN A SEMI-CONSOLIDATED TO CONSOLIDATED MATRIX OF RUSTY + YELLOW-BROWN BAKED CLAY.

78.43 - 89.00m FLOW. BLACK ≤1% FINE VESICLES. FINE-GRAINED. 88.29 - 89.00m BSLT BX ANGULAR MEDIUM GREY BSLT CLASTS ≤ 2cm x 2cm IN A MATRIX OF CONSOLIDATED DARK GREEN BLACK SILT + CLAY.

ALTERATION: WEAK LIMONITE STAINING FEW FLOW PARTINGS. MINOR, LOCAL HEM. WEAKLY LIMONITIC CLAY MATRIX.

MINERALIZATION. BARREN. FLOWS VERY WEAKLY MAGNETIC.

STRUCTURE: LOCAL WEAK FLOW BEDDING AS ALIGNMENT OF VESICLES 65° - 70° TO C/A. FRACTURES COMMONLY 50° + SUB-PARALLEL TO PARALLEL TO C/A.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 217 Pg. 3 of 21

GRAPHIC LOG m	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS						MINERALIZATION												STRUCTURE - VEINS								
		FROM	TO		MAJOR		MINOR		(INTENSITY)						(PERCENT)										(*)		(INTENSITY)								
					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TiTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		40.21	69.00	OVB2	UNCONSOLIDATED SEDIMENTS																														
					0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	M	N
					LITHOLOGY: SECTIONS OF BLACK VESICULAR BASALT FRAGMENTS ETC ALONG W/ YELLOW-BROWN SEMI-CONSOLIDATED TO CONSOLIDATED CLAY FILLING ~3% OF VESICLES PROBABLY REPRESENTING FLOW UNITS. INTERBEDDED W/ SECTIONS OF MATRIX SUPPORTED BASALT FRAGMENTS (AGGLOMERATE). MATRIX CONSISTS OF COOKED YELLOW-BROWN CLAY. FRAGMENTS OF BLACK VESICULAR + NON VESICULAR BASALT + MINOR FRAGMENTS OF MEDIUM-GREY VESICULAR BASALT. 53.25-68.71m RUBBLY BASALT W/ CLAY MATRIX LARGELY WASHED AWAY.																														
					ALTERATION: WEAK LIMONITE ALONG FEW PARTINGS W/ TR HEM.																														
					MINERALIZATION: BARREN																														
					STRUCTURE: NONE																														
		69.00	72.81	BSLT	BASALT																														
					0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N
					LITHOLOGY: DARK GREY, NON-VESICULAR BASALT FLOW. ≤ 5% FINE, WHITE, PLAG? PHENOS ~0.25mm LONG.																														
					ALTERATION: WEAK LIMONITE ON PARTINGS.																														
					MINERALIZATION: BARREN																														
					STRUCTURE: BROKEN CORE. FRACTURES 45°-5.° + SUB-PARALLEL TO PARALLEL TO C/A.																														
		72.81	78.43	OVB2	UNCONSOLIDATED SEDIMENTS																														
					0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N
					LITHOLOGY: BLACK VESICULAR + NON-VESICULAR CLASTS IN A SEMI-CONSOLIDATED TO CONSOLIDATED MATRIX OF REDDISH + YELLOW BROWN CLAY.																														
					ALTERATION: WEAKLY LIMONITIC MATRIX.																														
					MINERALIZATION: BARREN																														

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 217 Pg. 4 of 21

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SEC. MIN. Anh	Gyp	Cb		Ep	Lim	MIN. Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	VEINS Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
			0182																															
	78.43	89.00	BSLT	Ø				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	M	N
	89.00	104.44	BEAT	3	M	7	M	N	N	T		N	M	2.5	.05	0				0	0	.1	0	0	0	M	N	N	T	N	N	T	S	W

STRUCTURE: NONE

78.43 – 89.00 BSLT

BASALT

LITHOLOGY: BLACK BASALT FLOW, ≤ 1% FINE VESICLES, ≤ 3% VERY FINE, WHITE PLAG? PHENOS. 88.29 - 89.00m BSLT BRECCIA. ANGULAR MEDIUM GREY BSLT CLASTS ≤ 2cm x 2cm IN A MATRIX OF CONSOLIDATED DARK GREEN BLACK SILT + CLAY.

ALTERATION: WEAK LIMONITE ON PARTINGS UPPER 3m-1m OF FLOW. LOCAL CAL ON FRACTURE SURFACES.

MINE ALTERATION: BARREN

STRUCTURE: FRACTURES 55° + SUB-PARALLEL TO C/A.

89.00 – 104.44 BEAT

LAMINATED ANDESITE TUFF + INTERBEDDED CRYSTAL - ANDESITE TUFF

LITHOLOGY: COARSE-GRAINED CRYSTAL ANDESITE TUFF 89.00-94.48m. LIGHT TO MEDIUM GREY LAMINATED DUST TUFF 94.48-104.44m.

ALTERATION: ORANGE BROWN LIMONITE ON PARTINGS THROUGHOUT UNIT. MODERATE SER-ANK-CLAY ALTN. PLAG → SER ± CLAY. MAFICS → ANK. CREAMY CARB VNS/VNLTS/MICROVNLTS CONSISTING OF DOL ± CAL ± ANK. CLAY ALTN, AS PLAG → CLAY, DOMINANT IN FAXT. SECTIONS OF FAXT LARGELY DECOMPOSED TO CLAY. UPPER PART OF BEAT, 94.48-99.02m, MAFICS → CHL ± ANK, MINOR RED HEM ENCLOSING DISS PY. ENVELOPES OF DOL ± CAL ± ANK TYPICALLY ≤ 2mm WIDE ENCLOSING PY VNLTS + MICROVNLTS.

MINERALIZATION: PYRITE: 2.5%. 70% AS VNLTS/MICROVNLTS, RARELY VNS (OFTEN) W/ DOL ± CAL ± ANK.
CHALCOPYRITE: 0.05% AS VERY FINE GRAINS W/ PY VNLTS.

STRUCTURE: BROKEN CORE W/ RUBBLY SECTIONS. ORIENTATION OF LAMINAE DIFFICULT TO DETERMINE DUE TO BROKEN CORE BUT ~80° TO C/A.
PY ± DOL VNLTS/MICROVNLTS BOTH CUT + CONFORM TO BEDDING.
104.12m 16cm WHITE CAL-QTZ VN W/ DISS + CLOTS OF PY. VN 55° TO C/A

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 218 Page 1 of 4

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-e.gr. seriate-porph.
TRIC 1	Tricorned Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9240
Approximate Easting	10900
Approximate Elevation	1460
Date Drilling Started	NOV. 2, 96
Date Drilling Ended	NOV 5, 96
Total Depth	165.56 m
Casing	IN / OUT
Casing Depth	
Depth of HQ-NQ Reduction	130.36 m
Logged By	C. PIERCE
2nd Logger	C. BAKER
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION (MAJOR Type, Intens.; MINOR Type, Intens.) / SECONDARY MINERALS (INTENSITY) Anh, Gyp, Cb, Ep, Lim / MINERALIZATION (PERCENT) Py, Cpy, Bn, Mol, Mag, Hem, Po, (*) TtTn, PbZn / STRUCTURE - VEINS (INTENSITY) Py, Cpy, Mag, Qz, Anh, Gyp, Cal, Frac, Slik
	0	2.13m	NO RECOVERY	
	2.13m	14.00 m	OVBN.	GLACIO LACUSTRINE SEDIMENTS. SAND FOR THE FIRST TOP METRE BROWNISH BEACH SAND - RELATIVELY CLEAN. PROGRESSING DOWNWARDS INTO SILT AND A SILTY CLAY NEARER THE BOTTOM. ALTHOUGH MOSTLY DESTROYED OR DISTURBED BY CORING SOME LAYERING TEXTURES ARE EVIDENT. LIGHT BEIGEY GREY BROWN TO MEDIUM GREY.
	14.00 m	17.39	OVBN	POORLY SORTED SEDIMENTS WITH COARSE SAND FOR THE FIRST 30 cm SOME COBBLES AND SILTY CLAY. THEN 0.50m OF LIMONITICALLY ALTERED POORLY SORTED SANDY CLAY. SAND IS GENERALLY DARKISH BROWN WHILE LIMONITE SAND IS A RUST ORANGE BENENEATH THIS LAYER IS A 10 cm POD OF COBBLES (BASALT) MOVING INTO DARK CLAY RICH BROWN SANDS ~ 60 cm. A
	17.39	17.50 m	BSLT	BASALT BOULDER GENERALLY A DEEP PURPLISH BLACK WITH WEATHERED TOP + BOTTOM.
	17.50 m	28.04 m	OVBN	1.5 metres of SILTY SAND WITH LIMONITIC STAINING GENERALLY AN ORANGY BROWN. BELOW THIS IS A LODGEMENT TILL WITH ROUNDED COBBLES UP TO 5 Cm IN DIAMETER PRIMARILY INTRUSIVE AND VOLCANIC PIECES TO ~ 26.65 m. FROM THIS POINT TO 28.04 m IS A MIXTURE OF CLAY AND MINOR SILT INTERMIXED WITH BASALT FRAGMENTS. THESE FRAGMENTS RANGE FROM 6 - 12 cm IN SIZE.
	28.04	29.58	BSLT	BASALT GENERALLY BROWN - BLACK WITH APPROXIMATELY 5% VESICLES ~ 1cm in SIZE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 218 Pg. 2 of 4

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR (Type, Intens.) MINOR (Type, Intens.) / SECONDARY MINERALS (INTENSITY) Anh, Gyp, Cb, Ep, Lim / MINERALIZATION (PERCENT) Py, Cpy, Bn, Mol, Mag, Hem, Po, (*) TtTn, PbZn / STRUCTURE - VEINS (INTENSITY) Py, Cpy, Mag, Qz, Anh, Gyp, Cal, Frac, Slik
	29.58.	30.37m	OVB2	GLACIAL SILT OR RIVER LAIN SILT DEPOSIT LIGHT BROWNISH GREY - UNIFORM GRAINSIZE AND VERY HARD PACKED
	30.37m	43.78	BSLT	BLACKISH BROWN BASALT GENERALLY FINE GRAINED. TOP 2.5 METRES ARE VESICLE FREE MOVING DOWNWARD VESICLES INCREASE BOTH IN NUMBERS AND SIZE. OCCASIONAL ZEOLITE IS PRESENT IN THE VESICLE. OVERALL A GENERALLY SANDY TEXTURE FLOW TOPS AND VESICLE FORMATION INDICATE SEVERAL EXTRUSIVE SEQUENCES AS OPPOSED TO ONE [illegible] ONE SCORIACEOUS BASE, WITH UPWARDLY COALESCENT 'PIPE' AMYGDULES
	43.78m	58.52	OVB2	LIMONITIC GLACIOFLUVIAL GRAVELS, SANDY CLAY MATRIX, WITH INTERBEDDED MEDIUM SAND INTERVALS (VARIABLE CLAY MATRIX.) GRAVELS POORLY TO MODERATELY SORTED, WITH POOR TO FAIR IMBRICATION OF ANGULAR TO ROUNDED, MULTICOLOURED POLYLITHIC CLASTS. SANDY INTERVALS MORE UNIFORMLY BEDDED THAN GRAVEL/PEBBLE BEDS. OCCASIONAL BOULDER SIZED FRAGMENTS IN COARSER INTERVALS. BEDDING TYPICALLY @ 70° TO CA. – SINCE HOLE IS VERTICAL THIS COULD BE DUE TO 'FORESET' BEDDING, HOWEVER THE ATTITUDE OF THE UNDERLYING "VARVE" SEDIMENTS IS SIMILAR AND THIS SUGGESTS FAULTING AND TILTING OF SOME DESCRIPTION (ROTATIONAL SLUMPING FOR EXAMPLE) (HOLE ORIENTATION TO BE CHECKED) UPPER ±50 cm OF UNIT BAKED/DISCOLOURED BY OVERLYING BASALT.
			(OVB2)	FINELY BANDED BROWN/PALE BROWN/PALE GREEN, THINLY BEDDED, SILT/SILTY CLAY. GLACIOLACUSTRINE 'VARVE-LIKE' TEXTURE WITH OCCASIONAL THIN 2mm 'RUSTY' LIMONITIC LAMINATE. OCCASIONAL FLASER (RIPPLE-DRIFT) LAMINATION AND SPORADIC 'SOFT SEDIMENT' DEFORMATION FEATURES (LOAD CASTS? - POSSIBLY BIOTURBATED?) RARE INTRAFORMATIONAL BRECCIATION IS ALSO OBSERVED. BEDDING, DEFINED BY SLIGHT ALTERNATIONS IN GRAIN SIZE AND/OR COLOUR IS @ 70° TO CA. IN GENERAL THE OVB2 IS FAIRLY COMPETENT, ALTHOUGH THE SILT/CLAY IS PRONE TO DESSICATION AND GRADUAL DISINTEGRATION.
	58.52	128.91	OVB2	FINELY LAMINATED, VERY FINE GRAINED GLACIO-LACUSTRINE SEDIMENTS. COLOURS VARY FROM LIGHT GREY, GREY/BROWN, DARK BROWN, LIGHT GREY INTERBEDS ARE CALCITE RICH + REACT STRONGLY TO HCL. CLASTS ARE VERY RARE AND LESS THAN 1 mm IN LENGTH. RARE [illegible] OF BLUE/GREEN HUES (POSSIBLE PHOSPHATE?). COLOUR CHANGES FROM GREY, GREY/BROWN TO DARK BROWN BELOW 78 m DEPTH. BEDDING IS UNIFORM THROUGHOUT EXCEPT FOR DEFORMATION OCCURING AT 117 m WHERE A 15 cm WIDE FOLD OCCURS AND MINOR BRECCIATION ALSO. BEDDING VARIES BETWEEN 60 & 65° TO CA. RARE PEICES AND THIN INTERBEDS OF ORGANIC MATERIAL IN THE LOWER 2 METERS OF THE INTERVAL.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 218 Pg. 3 of 4

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	128.91	136.18	OVB2																															
	136.18	165.56	SEDS	7	W			N	N	W		N	T	05	0	0				0	0	0	0	0	0	T	N	N	N	N	N	W	W	W

128.91–136.18:

DEBRIS FLOW MATERIAL WITH MUDDY MATRIX WHICH IS GREY GREEN IN COLOUR. ABUNDANT,
ANGULAR CLASTS UP TO 3cm IN LENGTH. CLAST COMPOSITIONS CONSIST OF FAXT SEDS,
UNLITHIFIED SILTY/MUD MATERIAL, GRANITOIDS. CLASTS ARE VARIABLY WEATHERED, RARE LIMONITE
STAINING ON SOME CLASTS. MINOR CALCITE CONTENT IN MATRIX.
NO OBVIOUS STRUCTURE BUT UPPER CONTACT IS SHARP AT 80° TO CA.
CLAST CONTENT AND SIZE DECREASES WITH DEPTH.

136.18–165.56:

LITHOLOGY: CONSISTS OF FINE GRAINED SANDSTONE AND CLAST SUPPORTED CONGLOMERATE
TOP OF INTERVAL IS COMPOSED OF FINE CONGLOMERATE WHICH IS DARK GREEN, SOFT AND
MODERATELY FRIABLE. LIMONITE CAN BE FOUND SPORADICALLY THROUGHOUT.
BELOW 136.35m UNIT BECOMES SLIGHTLY COARSER GRAINED AND GRAIN SIZE INCREASES
WITH DEPTH UNTIL 138.42 m WHERE IT GRADES INTO WELL BEDDED SANDSTONE WITH
PATCHY SILT LENSES DEFINING THE BEDDING PLANE. IN THE UPPER CONGLOMERATE
THERE ARE RARE CHERT CLASTS THAT CONTAIN ABUNDANT PYRITE (UP TO 40%)
THESE CLASTS RANGE IN SIZE UP TO 2cm IN LENGTH. THE PYRITE IS GENERALLY
FINE GRAINED AND EUHEDRAL. THE CLASTS ARE SUBROUNDED. THESE CLASTS ARE CONCENTR-
ATED IN A NARROW INTERVAL FROM 137.94 m TO 138.08 m. SANDSTONE BETWEEN
CONGLOMERATE IS MODERATELY FINE GRAINED AND CONTAINS THIN SILTSTONE LENSES
THAT DEFINE THE BEDDING. THIS SANDSTONE IS BARREN. CONTACT BETWEEN SANDSTONE AND
LOWER CONGLOMERATE IS SHARP AT 140.47m. CONGLOMERATE AS ABOVE BUT CLAST SIZES ARE
GENERALLY MUCH GREATER. CLAST COMPOSITIONS INCLUDE SILTSTONE, PYRITE CHERT, INTERMEDIATE
VOLCANICS. MINOR CALCITE VEINS THROUGHOUT AND RARE PYRITE STRINGERS.
CONGLOMERATE GRADES INTO SOFT, MODERATELY FRIABLE SAND/SILTSTONE BELOW 147.89m.
MORE ABUNDANT CALCITE STRINGERS AND SOME WEAK VEIN BRECCIATION PRESENT. VEINS OFTEN
FOLLOW BEDDING PLANES. MINOR HEMATITE AND LIMONITE ALONG FRACTURES.
INTERVAL OF EXTREMELY SOFT MUDS FROM 157.60m TO 159.51m.
BELOW MUDS IS MODERATELY SOFT, WEAKLY FRIABLE SILTY SANDSTONE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 219 Page 1 of 42

1-AN

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

- 0=NON=Weakly Alt'd
- 1=BIO=K-Silicate
- 2=KSP=Orthoclase
- 3=SER=Sericite-Ank.
- 4=QTZ=Silicification
- 5=PRO=Propylitic
- 6=PHY=Phyllic
- 7=ARG=Argillic
- 8=ALB=Albite

DRILLING DATA

Approximate Northing	9623.00		
Approximate Easting	10566		
Approximate Elevation	1465		
Date Drilling Started	NOV. 3rd 1996		
Date Drilling Ended	NOV 16th 1996		
Total Depth	2927'	Casing	
Casing Depth	74'	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	T. PIERCE		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0.0	17.37m	OVBN																															

TOP 250 cm OF OVBN IS BASALT FRAGMENTS. CHUNKS OF BLACK VESICULAR BASALT UP TO 20 cm IN SIZE. APPEAR TO BE BITS OF BOULDERS. AND BROKEN RUBBLE.

FROM 5.18m TO 14.33m GLACIOLACUSTRINE SEDIMENTS MAKE UP THE INTERVAL INTERMIXED WITH LODGEMENT TILLS. TILLS ARE GENERALLY A DARK BROWN W̄ MUD SUPPORTED MATRICES & FRAGMENTS AND CLASTS OF BASALT / VOLCANICS. SOME BIG ZONES OF BASALT ROCK

BASALT OCCURS FROM 14.33m TO 17.37m IS BLACK WITH SMALL VESICLES IS GENERALLY MORE COMPETENT GRADES RIGHT UP TO FAXT.

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	17.37m	40.35m	FAXT.	1	m			N	N	m		N	m	0.5	0	0				0	0.4	0.1	0	0	0	T	N	N	T	N	N	W	W	T

LITHOLOGY : LIGHT GREY GREEN TO MEDIUM GREY WITH MOTTLED DARK GREEN LEOPARD SKIN TEXTURE (POTASSIC ALTERATION) MAFIC CLOTS (DARK GREY GREEN) ALTERING → CHLORITE AND OFTEN RINGING DISSEMINATIONS OF SULPHIDES. DISSEMINATIONS OF MAGNETITE + PYRITE ARE ENCASED IN CHLORITE. MUCH CALCITE VEINING OCCURS IN THE ROCK. LIMONITE OCCURS ON THE FRACTURE SURFACES. TEXTURE OBLITERATED FOR THE MOST PART BY ALTERATION. ROCK IS GENERALLY SOFT.

ALTERATION POTASSIC ALTERATION OCCURS OVER THE ENTIRE INTERVAL. MAFICS GOING → CHL → SULPHIDES. WEAK SERICITIC ALTERATION OF PLAGIOCLASE X-STALS. SOME SECONDARY BROWN BIOTITE. SULPHIDES → LIMONITE.

I - BH

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 220 Page 1 of 10

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SBR=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10279		
Approximate Easting	9795		
Approximate Elevation	1440 m		
Date Drilling Started	NOV 4/96		
Date Drilling Ended	NOV 7/96		
Total Depth	195.07 m	Casing	
Casing Depth	46.94 m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	43.89	OVBN	0				N	N	N		N	W	0	0	0				0	.1	0	0	0	0	N	N	N	N	N	N	N	S	N

OVERBURDEN - RECOVERED ONLY 1 BOX

LITHOLOGY: COMBINATION OF TILL, BASALT + MULTI-LITHIC FRAGMENTS. FRAGMENTS OF MEDIUM GREEN PORPHYRITIC INTRUSIVE ≤5cm LONG + BLACK BASALT. SHORT SECTIONS OF DARK BROWN SAND. TILL COMPRISED OF ~10% FRAGMENTS ≤ 4cm x 5cm IN A DARK BROWN CLAY + SILT MATRIX. ANGULAR TO ROUNDED FRAGMENTS OF DARK GREEN + BLACK VOLCANICS. FEW MODERATELY TO STRONGLY LIMONITIC FRAGMENTS.

ALTERATION: MAFICS → CHL IN RARE VOLCANIC CLAST WITHIN TILL. LIMONITE STAINED INTRUSIVE + VOLCANIC? FRAGMENTS

MINERALIZATION: BARREN

STRUCTURE: NONE

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 221 Page 1 of 37

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL /

P = Primary

S = Secondary

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-s gr seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

- 0=NON=Weakly Alt'd
- 1=BIO=K-Silicate
- 2=K3P=Orthoclase
- 3=SER=Sericite-Ank.
- 4=QTZ=Silicification
- 5=PRO=Propylitic
- 6=PHY=Phyllic
- 7=ARG=Argillic
- 8=ALB=Albite

DRILLING DATA

Approximate Northing	9291		
Approximate Easting	10474		
Approximate Elevation	1445		
Date Drilling Started	NOV 6/96		
Date Drilling Ended	NOV 30/96		
Total Depth	951.41m	Casing	
Casing Depth	101.88	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	BAKER		
2nd Logger			
Remarks	CHANGE FROM NQ-2 TO		

NQ-3 AT 924.76m DEPTH, HOLE LOST AT 264.6' DUE TO CAVE

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn	Lim			Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	101.88	OVBN	UPPER 8.5m HAS POOR RECOVERY WITH MOST OF THE MATRIX WASHED AWAY. CLASTS ARE COMPOSED OF SANDSTONE, GRANITOIDS, BASALTS, FELDSPAR PORPHYRIES. MATRIX IS DARK BROWN, FINE TO MEDIUM GRAINED WITH A SIGNIFICANT SAND/GRIT COMPONENT. CLASTS ARE SUBROUNDED TO SUBANGULAR INDICATING LOCAL TRANSPORTATION. CLASTS SIZE VARIES FROM <0.5cm TO 20cm IN LENGTH. BELOW 24.0 m CLASTS ARE NOT OBSERVED AND MATRIX IS VERY FINE GRAINED. LAMINATIONS NOTED TO VARY BETWEEN 40 AND 50 DEGREES TO CA. CORE CLEAVES ALONG BEDDING PLANES. MATRIX IS SLIGHTLY MORE GREY WHERE NO CLASTS ARE OBSERVED. CHANGES IN CLAST CONTENT AND GRAIN SIZE INDICATES CHANGE IN DEPOSITIONAL REGIMES FROM GLACIO-LACUSTRINE (DEEPER) TO GLACIOFLUVIAL (HIGHER) RECOVERY IS GOOD WHERE MATRIX IS PRESENT VESICLES IN BASALT CLASTS MAY BE FILLED W/ CALCITE																														
	101.88	135.19	SUBV	5	M	3	M	N	N	W		W	T	01	0	0	2			0	0	3	0	0	0	N	N	N	N	N	N	M	M	W
						LITHOLOGY: STRONG COLOUR VARIATION FROM BUFF TO PURPLE/RED TO DARK GREEN AND GREEN/GREY. BUFF COLOUR ASSOCIATED WITH SIGNIFICANT CARBONATE VEINS AND RED/PURPLE HUE RESULTS FROM HEMATITE STAINING.																												
	128 - 130 SUBV w/ PROP																																	
	198 - 200 SUBV w/ SER-ANK																																	

GRAPHIC LOG m

I-H

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 222 Page 1 of 18

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Triconed Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	10138		
Approximate Easting	9847		
Approximate Elevation	1445		
Date Drilling Started	NOV 7/96		
Date Drilling Ended	NOV 9/96		
Total Depth	299.92m	Casing	
Casing Depth	34.75m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	30.48	OVBN	OVERBURDEN 0				N	N	T		N	M	.02	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY: 0-9.0m: ~85% FRAGMENTS OF BLACK + LESSER MAROON BASALT. FRAGMENTS TYPICALLY ~3cm x 2cm BUT UP TO 16 CM LONG, ANGULAR TO SUB-ROUNDED. ~15% SUBROUNDED TO SUB-ANGULAR FRAGMENTS OF COARSE-GRAINED INTRUSIVE (DIORITE). ~20cm SECTION OF LODGEMENT TILL.

9.0-13.41m ~90% OF INTERVAL LODGEMENT TILL. TILL COMPRISED OF 10-15% SUB-ANGULAR TO ANGULAR FRAGMENTS OF DARK GREY, BLACK + MAROON PORPHYRITIC + BLACK BASALT. SPARSE LIGHT GREY COARSE-GREY INTRUSIVE FRAGMENTS. FRAGMENTS OFTEN ≤5mm IN SIZE BUT RANGE UP TO 4cm x 5cm. MATRIX OF DARK BROWN SILT > CLAY.

13.41-30.48m ~80% FRAGMENTS OF BLACK BASALT. FRAGMENTS GENERALLY SUB-ANGULAR + AVERAGE IN SIZE 4cm x 3cm. ~10% ANGULAR FRAGMENTS OF COARSE-GRAINED QTZ DIORITE. ~10% INTENSELY LIMONITIC ALTD FRAGMENTS - LITHOLOGY. MINOR LODGEMENT TILL INCREASE IN INTRUSIVE FRAGMENTS AS APPROACH BEDROCK.

ALTERATION: WEAK TO MODERATE LIMONITE ON INTRUSIVE FRAGMENTS.

MINERALIZATION: TR FRACTURE PY IN INTRUSIVE FRAGMENT.

STRUCTURE: NONE

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 -223 **Page 1 of** 30

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TRIC 1	Tricones Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd

1=BIO=K-Silicate

2=KSP=Orthoclase

3=SER=Sericite-Ank.

4=QTZ=Silicification

5=PRO=Propylitic

6=PHY=Phyllic

7=ARG=Argillic

8=ALB=Albite

DRILLING DATA

Approximate Northing	9688
Approximate Easting	10330
Approximate Elevation	1460
Date Drilling Started	10/11/96
Date Drilling Ended	23/11/96
Total Depth	769.32
Casing	IN / OUT
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	KEITH ROBERTS
2nd Logger	WEISHENG ZANG
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0.00	84.25	OVBN		N		N	N	N	N		T	T	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	W	N

LITHOLOGY UNCONSOLIDATED GLACIALLY DERIVED SEDIMENTS

0.00 — 38.10 UNSORTED GLACIAL GRIT/SAND/CLAY SUPPORTED WITH SUBANGULAR TO SUBROUNDED POLYLITHIC CLASTS RANGING FROM FINE GRAVEL UP TO SMALL BOULDER SIZE. MOST CLASTS ARE OF MEDIUM PEBBLE SIZE (±5 cm) OR SMALLER. APPROX. 75% OF THE INTERVAL CONSISTS LARGELY OF COARSE GRITTY SAND MATRIX. CLASTS ARE PREDOMINANTLY BASALT > QZ DIORITE > 'VOLCANIC' > GRANITE, DECREASING IN ABUNDANCE DOWNWARDS

38.10 — 47.75 CHOCOLATE (BROWN), LOCALLY FINELY BEDDED CLAY. EVIDENCE OF INTERNAL SLUMPING - DISRUPTED STEEPLY DIPPING BEDS AND MICRO FAULTS. OCCASIONAL REMNANT SILTY SAND FORESET LAMINAE PRESERVED (BEDDING SURFACE @ 45° TO CA)

47.75 — 65.23 LOOSE PEBBLES (25 cm LAYER OF GRITTY SAND 47.25 - 47.50) V. LITTLE MATRIX RECOVERED (CORE RECOVERY V. POOR)

65.23 — 77.72 UNCONSOLIDATED THIXOTROPIC SANDY CLAY, LOOSE PEBBLES, OCCASIONAL BOULDERS MATRIX DECREASES TOWARDS BASE — TRANSITIONAL TO ZONE BELOW

77.72 — 84.25 LOOSE PEBBLES AND COBBLES, LARGELY BASALT — NO MATRIX — V POOR RECOVERY

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	84.25	115.82	FAXT	5	M	7	W	N	N	M		N	N	0.75	0	0				0	2·0	0·1	0	0	0	W	N	W	N	N	N	W	M	W

TO ± 88.90, WEATHERED, ARGILLIC, GENERALLY SOFT GREY MATERIAL — SOME ORIGINAL ISLANDS OF LESS WEATHERED MATERIAL WITH 'MOTTLED' TEXTURES

88.90 — 94.18 APPROX. 50% WEATHERED ARGILLIC MATERIAL 50% MORE COMPETENT MOTTLED, GREY GREEN MED. TO F. GR. FAXT, LOCALLY PINKISH, HEAVILY HEMATITIC VEINED

A-A 160°/-45°

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 224 Page 1 of 11

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricones Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9639		
Approximate Easting	9720		
Approximate Elevation	1515m		
Date Drilling Started	NOV 10/96		
Date Drilling Ended	NOV 14/96		
Total Depth	299.92m	Casing	
Casing Depth	13.41m	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.
	0	14.11	OVBN	OVERBURDEN 0			

SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim
N	N	T		N	W

MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn
.01	0	0				0	.1	1	0	0	0

STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
N	N	N	N	N	N	N	S	N

LITHOLOGY: ~50% "BLACK NON-VESICULAR BASALT + RED-MAROON VESICULAR BASALT SUB-ANGULAR TO ANGULAR BOULDERS, COBBLES + PEBBLES ≤ 32CM LONG. ~10% LIMONITIC & MEDIUM GREY PORPHYRITIC INTRUSIVE FRAGMENTS ≤ 13 cm LONG.
~40% OF OVERBURDEN IS LODGMENT TILL W/ MATRIX PARTIALLY WASHED AWAY. MATRIX OF DARK BROWN SILT + CLAY. ANGULAR FRAGMENTS OF QTZ-RICH PORPHYRITIC INTRUSIVE + BLACK NON-VESICULAR BASALT ≤ 6cm x 7Cm IN SIZE.
BLACK BASALT FRAGMENTS WEAKLY MAGNETIC.

ALTERATION: LIMONITIC INTRUSIVE FRAGMENTS. HEMATITE ALTD MAROON VESICULAR BASALT FRAGMENTS. PLAG(?) PHENOS ≤0.5mm LONG IN BLACK NON-VESICULAR BASALT WEAKLY ALTD TO CAL.

MINERALIZATION: TR (0.01%) FINE DISS PY IN INTRUSIVE FRAGMENTS.

STRUCTURE: NONE.

TASEKO MINES LIMITED - PROSPERITY PROJECT

GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER **96 - 224** Pg. 2 of 11

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	14.11	88.38	BSLT	Ø				N	N	N		N	S	Ø	Ø	Ø				Ø	.1	.1	Ø	Ø	Ø	N	N	N	N	N	N	N	S	N

BASALT FLOWS + BRECCIAS.

LITHOLOGY: 14.11 - 25.90m DARK GREY, FINE-GRAINED VESICULAR BASALT. VESICLES TOTAL <5% + VARY IN DIAMETER FROM 1mm TO 5mm. FINE GRAINY TEXTURE. VERY WEAKLY MAGNETI

25.90 - 31.90m STRONGLY VESICULAR DARK GREY BLACK BASALT W/ LIMONITIC CLAY-: DEVITRIFIED GLASS FILLING ≤5% OF VESICLES + HEALING FRACTURES. VESICLES UP TO 4cm x 1.5cm.

31.90 - 46.15m BASALT BRECCIA. CLASTS OF VESICULAR BLACK BASALT THAT RANGE IN SIZE FROM 2mm x 3mm TO 5cm x 4cm. CLASTS TYPICALLY HAVE ANGULAR, RAGGED, IRREGULAR EDGES POSSIBLY FROM FRACTURING ALONG VESICLES. THE MATRIX IS A CONSOLIDATED LIMONITIC YELLOW-BROWN TO RUSTY-BROWN DEVITRIFIED GLASS-CLAY. ~30% MATRIX + ~70% CLASTS FEW VESICLES FILLED W/ MATRIX MATERIAL.

46.15 - 53.30m DARK-GREY BLACK, FINE-GRAINED BASALT. 3-5%. OF VESICLES FROM 46.15 - 48.62m GENERALLY ≤2mm x 1.5mm IN SIZE. VESICLES DECREASE IN SIZE + DENSITY DOWNSECTION TO ~1%.

53.30 - 85.41m BASALT BRECCIA. CLASTS HAVE LIGHT BROWN CHILL MARGINS ≤ 5mm WIDE. ~3% OF SMALLER CLASTS COMPLETELY CHILLED. NARROW FLOWS FROM 79.20 - 79.98m + 82.28 - 82.86m

85.41 - 88.38m BLACK, VERY FINE-GRAINED NON-VESICULAR BASALT.

REPEATING SEQUENCE OF FLOWS + BRECCIAS. A POSSIBLE ENVIRONMENT OF DEPOSITION WOULD BE A SERIES OF FLOWS DEPOSITED IN AN AQUEOUS ENVIRONMENT (IE: LACUSTRINE). THE SUBSEQUENT TEMPERATURE DIFFERENCE WOULD FRACTURE + CHILL THE TOP + BOTTOM OF THE FLOW RESULTING IN BASALT CLASTS IN A CHILLED GLASS MATRIX THAT LATER DEVITRIFIES TO CLAY.

ALTERATION: LIMONITE COATING FRACTURES ALONG W/ MINOR WEAK HEM IN FLOW ROCKS. BRECCIA CEMENT IS MODERATELY LIMONITIC.

MINERALIZATION: BARREN.

STRUCTURE: FAIRLY ABRUPT CHANGE FROM FLOW TO BRECCIA.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 224 Pg. 3 of 11

GRAPHIC LOG m

P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)									(*)		STRUCTURE - VEINS (INTENSITY)								
	FROM	TO		MAJOR		MINOR																											
				Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn			Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal.	Frac	Slik
	88.38	149.35	BSLT	BASALT FLOWS + MINOR BASALT BRECCIAS																													
				Ø				N	N	N		N	N	.2	Ø	Ø			Ø	Ø	Ø	Ø	Ø	Ø	N	N	N	N	N	N	N	S	N

LITHOLOGY:

88.38 - 92.65 BASALT BRECCIA. ANGULAR BLACK, EXTREMELY FINE-GRAINED, NON-VESICULAR BASALT CLASTS W/ MEDIUM-GREY CHILL MARGINS UP TO 2CM WIDE. PALE GREY-GREEN TO DARK GREEN GLASSY MATRIX DEVITRIFIED TO CHL-RICH CLAY. HYALOCLASTITE. CORE VERY BROKEN + RUBBLY.

92.65 - 108.18 m BASALT FLOW. BLACK, EXTREMELY FINE-GRAINED. LOCALLY FRACTURED. CHILLED MARGINS UP TO 4MM WIDE ON EITHER SIDE OF FRACTURE. UP TO 5MM WIDE MEDIUM + DARK GREEN CHLORITIC CLAY (DEVITRIFIED GLASS) IN FRACTURE. SECTIONS OF RUBBLY CORE W/ CHLORITIC CLAY ON PARTINGS.

108.18 - 108.63m BASALT BRECCIA (HYALOCLASTITE). ANGULAR, EXTREMELY FINE-GRAINED, NON-VESICULAR DARK GREY BASALTS CLASTS W/ CHILLED MARGINS. CLASTS RANGE IN SIZE FROM 3MM X 2MM TO 6CM X 3CM. CHLORITIC CLAY MATRIX.

108.63 - 118.41m BASALT FLOW. BLACK, EXTREMELY FINE-GRAINED NON-VESICULAR BASALT.

118.41 - 119.18m BASALT BRECCIA (HYALOCLASTITE). AS 108.18 - 108.63m. FEW OPEN PORE SPACES ALONG FRACTURES.

119.18 - 121.01m BASALT FLOW. BLACK, NON-VESICULAR, EXTREMELY FINE-GRAINED.

121.01 - 125.60m BASALT BRECCIA (HYALOCLASTITE) + MINOR BASALT FLOW. BASALT FLOW FROM 122.84 - 124.95m. @ 121.01m - 121.10m 121.34 BLACK BASALT W/ LIGHT GREEN GRADING INWARDS FROM FRACTURE - STEAMED CHANNEL WAY? ~3% VUGS UP TO 4CM X 3CM IN HYALOCLASTITE. ~60% CLASTS + ~40% MATRIX. MATRIX WEAKLY CHLORITIC.

125.60 - 133.28m BASALT FLOW. BLACK, NON-VESICULAR.

133.28 - 133.58m BASALT BRECCIA (HYALOCLASTITE). RUBBLE W/ FEW SMALL COMPETENT SECTIONS. VERY FINE DISS PY COATING ON SOME SURFACES.

133.58 - 149.35m BASALT FLOW. BLACK, NON-VESICULAR VERY FINE DISS PY ON FRACTURES.

ALTERATION: NONE. FRESH.

MINERALIZATION: 0.2% VERY FINE DISS PY ON FRACTURES.

STRUCTURE: FRACTURES W. FLOW 45°, 25° + LESS COMMONLY PARALLEL TO C/A.
LOCAL FAINT FLOW BANDING 80-90° TO C/A.

-90° A-B

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 225 Page 1 of 12

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00					
Downhole						
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricorned Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	
Approximate Easting	9820
Approximate Elevation	1515m
Date Drilling Started	NOV 14/96
Date Drilling Ended	NOV 18/96
Total Depth	299.92m
Casing	IN [✓ OUT]
Casing Depth	28.65m
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	19.20	OVBN	OVERBURDEN 0				N	N	T		N	T	0	0	0				0	0	.1	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY: 0-13.53m. SUB-ROUNDED TO ANGULAR PEBBLES, COBBLES + FEW BOULDERS. 80% NON-VESICULAR + VESICULAR BLACK BASALT FRAGMENTS. 20% PLAG PORPHYRITIC INTRUSIVE FRAGMENTS. LOCALLY MEDIUM BROWN SILT + CLAY ADHERING TO FRAGMENTS.

13.53-19.20m. UNCEMENTED TILL, SUBANGULAR TO ANGULAR FRAGMENTS COMPRISE ~25% OF TILL. FRAGMENTS VARY IN SIZE FROM 2mm TO 7cm LONG + ARE COMPRISED OF ~80% DARK GREY BLACK BASALT + ~20% LIGHT GREY PORPHYRITIC INTRUSIVE FRAGMENTS. MATRIX OF DARK BROWN SILT, CLAY + SAND.

ALTERATION: CAL IN PLAG PORPHYRITIC VOLCANIC FRAGMENTS.
TR. HEMATITE AND BASALT.
FEW LIMONITE STAINED FRAGMENTS.

MINERALIZATION: BARREN.

STRUCTURE: NONE

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 225 Pg. 2 of 12

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim
	19.20m	29.05	BSLT	0				N	N	N		N	M
	29.05	57.34	FAXT	5	M	7	W	N	N	W		N	M

INTERVAL FROM	INTERVAL TO	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn
19.20m	29.05	0	0	0				0	0	.1	0	0	0
29.05	57.34	2	.1	0				0	0	.1	0	0	0

INTERVAL FROM	INTERVAL TO	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
19.20m	29.05	N	N	N	N	N	N	N	S	N
29.05	57.34	N	N	N	N	N	N	W	M	N

19.20m – 29.05 BSLT: BASALT FLOW + BRECCIA

LITHOLOGY: 19.20 - 21.42m. BLACK FINE-GRAINED BASALT FLOW. 5-10% VESICLES BOTTOM 20 CM OF UNIT.
21.42 - 21.75m BASALT BRECCIA. ~50% BLACK NON-VESICULAR BASALT CLASTS W/ ANGULAR, JAGGED EDGES THAT AVERAGE 1.5cm x 0.7mm IN SIZE. MATRIX OF LIMONITIC CLAY. DEVITRIFIED BASALT GLASS?
21.75 - 29.05m BLACK, FINE-GRAINED FLOW, ≤1% FINE VESICLES.

ALTERATION: WEAK TO MODERATE LIMONITE COATING PARTINGS IN FLOW.
TR. HEM ON FEW FLOW FRAGMENTS.
LIMONITIC CLAY MATRIX CEMENTING MATRIX.

MINERALIZATION: BARREN.

STRUCTURE: BROKEN, RUBBLY CORE.

29.05 – 57.34 FAXT: CRYSTAL ANDESITE TUFF + INTERBEDDED LAMINATED ASH TUFF.

LITHOLOGY: MEDIUM + LIGHT GREEN GREY, MEDIUM- TO COARSE-GRAINED PLAG CRYSTAL ANDESITE TUFF. MOTTLED TEXTURE. ALTN AGGREGATES WEAKLY ALIGNED ALONG BEDDING PLANES. NARROW INTERBEDS OF LAMINATED ASH TUFF. MINOR LAPILLI TUFF.

ALTERATION: PROPYLITIC ALTN. MAFICS → CHL. SUBCIRCULAR CHL ALTN AGGREGATES 0.5mm + 2mm DIAMETER. PLAG → SER. WEAK DISS CAL. ~1.5% DISS + BLEB PY. CAL HEALED MICROFRACTURES.
ARG ALTN OVERPRINTING PRO BOTTOM 1/3 OF INTERVAL. PLAG → CLAY.
STRONG LIMONITE ON PARTINGS + FRACTURES. LOCALLY PERVADING IN FROM FRACTURES UP TO 4cm. MINOR WEAK HEM COATING FEW PARTINGS. LIMONITE 29.05 - 43.38m

MED GREY SER + QTZ 1cm WIDE ENVELOPE AROUND CPY - PY - CAL MICROFRACTURE.

I- AO

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 226 Page 1 of 48

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5		DRAFT								
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricone Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=K3P=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	10612.16		
Approximate Easting	9496.14		
Approximate Elevation	1460.00		
Date Drilling Started	NOV 18th		
Date Drilling Ended	DEC 4th.		
Total Depth	*3182'	Casing	
Casing Depth	177'	IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	T. PIERCE.		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	(*) PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
	0	26.52 m	OVBN	GLACIOLACUSTRINE SEDIMENTS. MEDIUM BROWN POORLY SORTED GLACIALLY DERIVED LAKE SEDIMENTS. 80% OF THE MATRIX IS CLAY TO FINE SILT IN SIZE. THE FURTHER 15% IS SAND AND 5% IS CLASTS > 1 mm in SIZE. MOST OF THE LARGER CLASTS ARE BASALT FRAGMENTS - MANY OF WHICH APPEAR TO HAVE BEEN TRANSPORTED A GOOD DISTANCE. SEVERAL METERS OF THE CLAY TOWARDS THE BOTTOM OF THE INTERVAL FROM ~ 20.0 m TO 26.40 m IS UNIFORM CLAY WITH VARVES AND IS VERY WELL SORTED - OUTWASH PLAIN SEDS? ALTERNATING BEDS OF LIGHT AND DARK LAYERS. EACH LAYER IS 2-3 cm IN THICKNESS.																														
	26.52 m	38.71 m	BSLT	O				N	N	N		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	M	N
				WELL SORTED SUBROUNDED BASALT FRAGMENTS (COBBLES) BASALT IS GENERALLY MAROON TO BROWN BLACK WITH MODERATE VESICLES. FRAGMENT SIZE RANGE FROM 30mm TO 80mm.																														
	38.71 m	44.81 m	OVB2	POORLY SORTED RUSTY ORANGE BROWN LODGEMENT TILL HEAVILY OXIDISED GIVING THE RUST COLOR. FRAGMENTS ARE GENERALLY ANGULAR AND FRAGMENTED. INDICATIONS ARE OF VERY SHORT TRANSPORT DISTANCE. I.E. CLOSE TO SOURCE. FRAGMENTS OF BASALT																														
	44.81 m	93.97 m	SUBV	5	m	3	W	N	N	m		m	W	0.2	0	0				0	0.5	0.1	0	0	0	T	N	N	T	N	N	W	M	W
			LITHOLOGY :	TEXTURE ~ 90% OBLITERATED BUT WHERE VISIBLE APPEARS TO BE. DARK GREEN GREY SUBVOLCANICS WITH A SALT AND PEPPERY TEXTURE. PLAGIOCLASE AND MAFICS SOME QUARTZ. PLAG X-STALS ARE 4P TO 1.0 mm OR 2.0 mm AND ARE WEAKLY SERICITIZED. ACCOUNT FOR 50% OF MATRIX - VERY CROWDED GENERALLY EUHEDRAL																														

I-K STOCKPILE

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 227 Page 1 of 26

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricone Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9724		
Approximate Easting	9820		
Approximate Elevation	1460m		
Date Drilling Started	NOV 15/96		
Date Drilling Ended	NOV 30/96		
Total Depth	571.50m	Casing	
Casing Depth		IN	[✓ OUT]
Depth of HQ-NQ Reduction			
Logged By	M. SCHATTEN		
2nd Logger			
Remarks	HOLE SHORT OF TARGET		

DEPTH OF 600m DUE TO CAVE + ~~[illegible]~~ DRILLING OF NEW HOLE.

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	20.42	OVBN	OVERBURDEN 0				N	N	N		N	W	0	0	0				0	.1	0	0	0	0	N	N	N	N	N	N	N	S	N

LITHOLOGY: 0-18.29m. RUBBLE. ~70% DARK GREY TO BLACK NON-VESICULAR + VESICULAR BASALT SUBANGULAR TO ANGULAR BOULDERS, COBBLES + PEBBLES. ~20% LODGEMENT TILL APPROXIMATELY 15% ANGULAR VOLCANIC + INTRUSIVE CLASTS IN A DARK BROWN SILT + CLAY MATRIX. ~10% GREY MEDIUM-GRAINED EQUIGRANULAR + PORPHYRITIC DIORITE PEBBLES.

18.29-20.42m DARK GREY BLACK FINE-GRAINED BASALT BOULDERS, PEBBLES + COBBLES. TR-3% SMALL VESICLES.

ALTERATION: WEAK LIMONITE STAINING FRACTURES IN BASALT.

MINERALIZATION: MAG: 0.1% DISS IN EQUIGRANULAR DIORITE FRAGMENTS.

STRUCTURE: NONE.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 228 Page 1 of 7

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH	
Collar	0.00					
Downhole	(ft)	(m)	Tool	True	Read	True
1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN	0	Overburden
TRIC	1	Triconed Bedrock
BSLT	2	Basalt
OVB2	3	Unconsolidated Sediments
PMPD	11	Post-Ore Intrusive Diorite
INBX	12	Intrusive Breccia
FP	13	Feldspar Porphyry
QFP	14	Quartz Feldspar Porphyry
QD3	15	Quartz Diorite-equigranular to subporphyritic
QD2	16	Quartz Diorite-c gr seriate-porph.
QD1	17	Quartz Diorite-heterog. fine porph.
FAXT	21	Andesite Tuff (mainly crystal tuff)
DEBF	22	Andesite Lapilli Tuff (debris flow)
BEAT	23	Laminated Andesite Tuff
FLOW	24	Porphyritic Andesite Flow
SUBV	25	Crowded Porphyritic Andesite
SEDS	31	Siltsone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slik = Slickensides

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9815		
Approximate Easting	10400		
Approximate Elevation	1465.0		
Date Drilling Started	11-24-96		
Date Drilling Ended	12-05-96		
Total Depth	688.12	Casing	
Casing Depth		IN	OUT
Depth of HQ-NQ Reduction			
Logged By	WEISHENG ZHANG		
2nd Logger			
Remarks			

GRAPHIC LOG	P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
		FROM	TO		MAJOR		MINOR																												
m					Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	33.22	OVBN	0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N
					LITHOLOGY LODGEMENT TILL, GLACIAL SEDS. POORLY SORTED. ROCK FRAGMENTS RANGING FROM <1cm TO >10 cm ACROSS. ANGULAR TO ROUNDED. BASALT AND ANDESITIC VOLCANICS. CLAY TO SAND MATRIX. ALTERATION WEAK LIMONITE IN ROCK FRAGMENTS MINERALIZATION BARREN STRUCTURE NONE																														
		33.22	44.20	FAXT	5	M	3	M	N	N	W		N	S	1.5	0.01	0				0	0.3	0.3	0	0	0	W	N	N	W	N	N	W	S	M
					LITHOLOGY DARK GREENISH GREY WITH BROWNISH RED LIMONITE FRACTURES. FINE-GRAINED. SOME SCATTERED MAFIC CLUSTERS AND PLAG PHENO. (?). 40% MAFICS AND 60% QUARTZ + PLAG. ALTERATION MODERATELY PROPYLITIC. SCATTERED CHLORITIC MAFIC CLUSTERS AND MOTTLES (up to 6mm).																														

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 -230 Page 1 of 30

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Triconed Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9682		
Approximate Easting	10757		
Approximate Elevation	1475		
Date Drilling Started	02/12/96		
Date Drilling Ended	12/12/96		
Total Depth	793.70m	Casing	
Casing Depth	98.76m	IN	OUT
Depth of HQ-NQ Reduction			
Logged By	BAKER.		
2nd Logger			
Remarks			

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	ALTERATION MAJOR Intens.	ALTERATION MINOR Type	ALTERATION MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	0	90.53	OUBN					N	N	N	-	N	T	0	0	0				0	0	0.01	0	0	0	N	N	N	N	N	N	N	N	N

DESCRIPTION

UPPER 15.5 m HAS POOR RECOVERY (NO RECOVERY FROM 5.18 m TO 8.23 m). MATRIX IS DARK GREY, FINE GRAINED WITH A MODERATE MUD CONTENT. CLASTS ARE RARE AND ARE COMPOSED OF FLOW, FAXT AND BASALT

BELOW 15.7 m THE OVBN IS COMPOSED OF TILL IT IS LIGHT RUSTY BROWN IN COLOUR AND HAS A MUCH HIGHER CLAST CONTENT THAN MUDDY UNIT ABOVE. CLASTS ARE VERY ANGULAR AND VARY IN SIZE UP TO 10 cm IN LENGTH. MATRIX IS MUCH MORE SANDY. CLASTS OCCUPY APPROX 20-25% OF THE UNIT. CLAST COMPOSITIONS INCLUDE FAXT, SUBV, FLOW W/ FELDSPARS OFTEN ALTERED TO EPIDOTE. COLOURS WITHIN UNITS ARE HOMOGENEOUS BUT VARIATIONS BETWEEN UNITS ARE VERY SHARP AND OCCUR AT CLASTS >10 cm IN LENGTH.

BELOW 45.62 m OVBN BECOMES DARK GREEN/GREY IN COLOUR AND CLASTS ARE MUCH LESS COMMON AND BEDDING BECOMES EVIDENT. MATRIX IS COMPOSED OF SILT SIZED PARTICLES AND BEDDING OCCURS ON A 3mm SCALE AT 60° TO CA AND RARELY INCLUDE LAYERS OF ORGANIC MATERIAL.

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96 - 231 Page 1 of

100

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True	NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole										
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0 Overburden
TRIC 1 Tricone Bedrock
BSLT 2 Basalt
OVB2 3 Unconsolidated Sediments
PMPD 11 Post-Ore Intrusive Diorite
INBX 12 Intrusive Breccia
FP 13 Feldspar Porphyry
QFP 14 Quartz Feldspar Porphyry
QD3 15 Quartz Diorite-equigranular to subporphyritic
QD2 16 Quartz Diorite-c.gr. seriate-porph.
QD1 17 Quartz Diorite-heterog. fine porph.
FAXT 21 Andesite Tuff (mainly crystal tuff)
DEBF 22 Andesite Lapilli Tuff (debris flow)
BEAT 23 Laminated Andesite Tuff
FLOW 24 Porphyritic Andesite Flow
SUBV 25 Crowded Porphyritic Andesite
SEDS 31 Siltsone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong
* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn.
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slk = Slickensides

INTERVAL

P = Primary
S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	
Approximate Easting	
Approximate Elevation	
Date Drilling Started	12-03-96
Date Drilling Ended	
Total Depth	
Casing	IN / OUT
Casing Depth	
Depth of HQ-NQ Reduction	
Logged By	WEISHENG ZANG
2nd Logger	
Remarks	

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slk
		0	95.70	OVBN	0				N	N	N		N	W	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N

LITHOLOGY @ 0-36.27 m, GLACIAL SEDS. POORLY SORTED. 40% COBBLES AND BOULDERS, COMPOSED OF VESICULAR BASALT AND SOME ANDESITIC ROCKS AND MINOR GRANITE. 1 TO 10 cm IN SIZE, ANGULAR TO SUBANGULAR. SILT AND CLAY MATRIX. WEAKLY RUSTY.
@ 36.27-51.00 m, LACUSTRINE SILT AND CLAY SEDIMENTS. LIGHT BROWNISH GREY. LAMINATED TEXTURE.
@ 51.00-70.71 m, COBBLES AND BOULDERS, LITHOLOGY SIMILAR TO 0-36.27 m. FLUVIAL SEDS?
@ 70.71-79.86 m, NO RECOVERY.
@ 79.86-82.50 m. DARK FINE-GRAIN SAND, SILT AND CLAY GLACIOLACUSTRINE SEDIMENTS.
@ 82.50-95.70 m, POOR RECOVERY, COBBLES AND BOULDERS, SUBANGULAR IN SHAPE, 1-10 cm ACROSS, MAINLY VESICULAR (CLAY COATINGS) BASALT, MINOR BIOTITE GRANITE AND ANDESITE.

ALTERATION WEAK LIMONITE ALTERATION FROM WEATHERING. CALCITE ALTERATION (?) IN THE LACUSTRINE SEDIMENTS @ 36.27-51.00 m

MINERALIZATION BARREN.

STRUCTURE NONE.

I-BX

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 232 **Page 1 of** 23

SURVEY DATA

SURVEY	DEPTH (ft)	DEPTH (m)	DIP Tool	DIP True	AZIMUTH Read	AZIMUTH True
Collar	0.00					
Downhole 1						
2						
3						
4						
5						
6						
7						
8						
9						

NORTHING	EASTING	ELEVATION	GRID SYSTEM

ROCK CODES

OVBN	0	Overburden	QD2	16	Quartz Diorite-c.gr. seriate-porph.
TRIC	1	Tricomd Bedrock	QD1	17	Quartz Diorite-heterog. fine porph.
BSLT	2	Basalt	FAXT	21	Andesite Tuff (mainly crystal tuff)
OVB2	3	Unconsolidated Sediments	DEBF	22	Andesite Lapilli Tuff (debris flow)
PMPD	11	Post-Ore Intrusive Diorite	BEAT	23	Laminated Andesite Tuff
INBX	12	Intrusive Breccia	FLOW	24	Porphyritic Andesite Flow
FP	13	Feldspar Porphyry	SUBV	25	Crowded Porphyritic Andesite
QFP	14	Quartz Feldspar Porphyry	SEDS	31	Siltstone, Wacke, Conglom., Shale
QD3	15	Quartz Diorite-equigranular to subporphyritic			

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

INTERVAL

P = Primary

S = Secondary

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slk = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9716.28
Approximate Easting	10851.30
Approximate Elevation	1480
Date Drilling Started	DEC 5th
Date Drilling Ended	DEC 12th
Total Depth	2346'
Casing	IN [✓ OUT]
Casing Depth	377'
Depth of HQ-NQ Reduction	
Logged By	T. PIERCE
2nd Logger	
Remarks	

GRAPHIC LOG m

P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION (MAJOR Type, Intens.; MINOR Type, Intens.) / SECONDARY MINERALS (INTENSITY) Anh, Gyp, Cb, Ep, Lim / MINERALIZATION (PERCENT) Py, Cpy, Bn, Mol, Mag, Hem, Po, (*) TtTn, PbZn / STRUCTURE - VEINS (INTENSITY) Py, Cpy, Mag, Qz, Anh, Gyp, Cal, Frac, Slk
	0	14.33 m	OVBN	0 POORLY SORTED DARK GREY BROWN GLACIAL TILL. GLACIAL CLAY/MUD MATRIX W̄ SAND POCKETS. DARK BROWN SOME MINOR OXIDATION MOSTLY LIMONITE STAINING THE CLAY. BASALT AND QUARTZ DIORITE FRAGMENTS, COBBLES AND BOULDERS SIZES RANGE FROM 1.0 CM TO 30 CM IN SIZE. BASALT IS BLACK VITREOUS WITH FSP FRAGMENTS. ALSO SOME GLASSY BASALT. SOME GREENISH CHLORITE RICH BASALT ALSO GRANITE BOULDERS - TRUE GRANITES WITH LARGE QTZ FELDSPAR PHENOCLASTS
	14.33	44.81 m	OVBN	POORLY SORTED GLACIAL TILL (LODGEMENT) WITH THE CLASSIC "FROOT LOOPS" TEXTURE MATRIX CONSISTS OF MUDS RICH IN LIMONITE WITH SOME CLAY (~10%) MUCH SAND ~ 60%. MOST SAND IS SUBANGULAR AND IS COMPOSED OF SURROUNDING DEPOSIT ROCKS. ~30% IS COMPOSED OF ROCK FRAGMENTS UP TO 10 CM IN SIZE [illegible] ARE [illegible] AVERAGE TO SUBANGULAR SEEM TO BE MOSTLY QFP (SILICIFIED) FAXT + SUBVOLCANICS. JARICITE, HEMATITE AND LIMONITE ALTERATION ARE ALL PRESENT IN MODERATE [illegible] ON SOME FRACTURE SURFACES. NO STRUCTURAL FEATURES OTHER THAN A FINING OF ROCK FRAGMENTS DOWN HOLE
	44.81 m	55.50 m	[illegible]	[illegible] OR LOWER ENERGY STREAM/RIVER DEPOSITS LIMONITE STAINING [illegible] MINIMAL [illegible] THE SEDIMENTS ARE [illegible] SORTED THE SAND GRAINS ARE SUBROUNDED AND GENERALLY WELL WORKED [illegible] OF FINER

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 96 - 232 Pg. 2 of 23

INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION / SECONDARY MINERALS / MINERALIZATION / STRUCTURE - VEINS
		OVBN (CONT)	CLAYS POSSIBLY LOWER ENERGY RIVERINE DEPOSITS OR DEEPER NEAR SHORE ENVIRONMENTS. VERY FINE GRAINED CLAY LAYER FROM 51.23m TO 51.5m VERY COMPACTED ALMOST LIKE A SOFT ROCK. SANDS STILL APPEAR TO BE DEPOSIT DERIVED ROCKS.
52.50m	57.00m	OVBN.	GLACIOLACUSTRINE OR ALLUVIAL SEDIMENTS. CLAY TO SILT IN COMPOSITION. SOME VISIBLE BEDDING + CROSSBEDDING. BEDDING IS AT ~ 45° SAND POCKETS + GENERALLY MEDIUM GREY BROWN COMPACTED YET EASILY BREAKABLE ALONG BEDDING PLANES. MUCH CHLORITE + SILICA ABUNDANT IN SEDS.
57.00m	63.09m	OVBN	PEBBLE BRECCIA/CONGLOMERATE. MATRIX IS PREDOMINATELY SAND AND WELL WORKED SUB-ROUNDED PEBBLES. AGAIN THE "FROOT LOOPS" TEXTURE WITH LESS CLAY + MUD IN THE MATRIX. FRAGMENTS RANGE FROM 1-2.0 cm IN SIZE. THEY CONSIST MAINLY OF QUARTZ DIORITES AND WACKES, EVEN SOME OF THE TUFF UNITS. VERY MULTICOLORED.
63.09m	78.33 m	OVBN	DARKER CLAY MATRIX DOMINATED WITH SANDY GLACIOLACUSTRINE SEDIMENTS WITH ORGANIC VARVES. BANDS OF ORGANICS ARE DARK BROWN TO BLACK RICH IN ORGANIC MATTER - GRASS + LEAVES ARE VISIBLE. - PEAT LIKE SECTION FROM 67.14m TO 71.50m. ORGANIC LAYERS RANGE FROM ~1 mm TO 40 mm. INTERMIXED WITH GREY BROWN SAND + CLAY FRACTURES VERY EASILY ALONG THE 50° ORGANIC LAYERS.
78.33m	107.72	OVBN	TRANSITION DOWN OVERBURDEN AND BEDROCK. FRAGMENTS OF WHAT APPEARS TO BE SUBVOLCANICS UNIT. CLAY, SAND AND PEBBLES MAKE UP MATRIX MUCH OF THE MUD/CLAY THAT MAKES UP THE MATRIX APPEARS TO HAVE BEEN WASHED OUT. GENERALLY BROWNISH GREEN WITH FRAGMENTS OF PURPLE BROWN SUBVOLCANICS TO BROWNISH GREY ANDESITE TUFFS. A POCKET OF CLAY/ASH AT 100.0 m. ASH (CONTAINS ORGANIC FRAGMENTS) AND SANDS
107.72	155.00m	SUBV	see coded values below
		LITHOLOGY :	LIGHT TO MEDIUM FLESHY GREY TO LIGHT GREY. SUBVOLCANIC UNIT. A SALT AND PEPPERY TEXTURE CROWDED PLAGIOCLASE X-STALS 0.5-2.0mm IN SIZE - SUBANGULAR AND WEAKLY ALTERED TO SERICITIC CLAY. MAKES UP ~ 55% OF ROCK ABUNDANT SERICITE IN THE MATRIX. LIGHT GREY GREEN TO PINKISH GREY SMALL GREYISH BLUE QTZ EYES VERY APHANITIC MATRIX ~ 5-10% MAFICS AS HBLS + BIO?

FROM	TO	ROCK CODE	ALTERATION MAJOR Type	Intens.	ALTERATION MINOR Type	Intens.	SECONDARY Anh	Gyp	Cb		Ep	Lim	MINERALIZATION Py	Cpy	Bn	CC			Mol	Mag	Hem	Po	TtTn	PbZn	STRUCTURE Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
107.72	155.00m	SUBV	3	M	7	T	N	N	W		N	T	1.0	0	0	0.1			0	0.8	0.2	0	0	0	M	N	T	W	N	N	W	W	W

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM **DRILL HOLE NUMBER** 96-233 Page 1 of 14

SURVEY DATA											
SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0 Overburden
TRIC 1 Tilled Bedrock
BSLT 2 Basalt
OVB2 3 Unconsolidated Sediments
PMPD 11 Post-Ore Intrusive Diorite
INBX 12 Intrusive Breccia
FP 13 Feldspar Porphyry
QFP 14 Quartz Feldspar Porphyry
QD3 15 Quartz Diorite-equigranular to subporphyritic
QD2 16 Quartz Diorite-c.gr. seriate-porph.
QD1 17 Quartz Diorite-heterog. fine porph.
FAXT 21 Andesite Tuff (mainly crystal tuff)
DEBF 22 Andesite Lapilli Tuff (debris flow)
BEAT 23 Laminated Andesite Tuff
FLOW 24 Porphyritic Andesite Flow
SUBV 25 Crowded Porphyritic Andesite
SEDS 31 Siltstone, Wacke, Conglom., Shale

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong
* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite
Gyp = Gypsum
Cb = Carbonate
To = Tourmaline
Ep = Epidote
Lim = Limonite
Py = Pyrite
Cpy = Chalcopyrite
Bn = Bornite
Cc = Chalcocite
Cup = Cuprite
Cu = Native Copper
Mol = Molybdenite
Mag = Magnetite
Hem = Hematite
Po = Pyrrhotite
TtTn = Tetr.-Tenn.
PbZn = Lead, Zinc
Qz = Quartz
Cal = Calcite
Frac = Fracturing
Slk = Slickensides

INTERVAL

P = Primary
S = Secondary

ALTERATION

0-NON-Weakly Alt'd
1-BIO-K-Silicate
2-KSP-Orthoclase
3-SER-Sericite-Ank.
4-QTZ-Silicification
5-PRO-Propylitic
6-PHY-Phyllic
7-ARG-Argillic
8-ALB-Albite

DRILLING DATA			
Approximate Northing	10392		
Approximate Easting	10180		
Approximate Elevation	1455		
Date Drilling Started	9/12/96		
Date Drilling Ended	11/12/96		
Total Depth	251.16	Casing	
Casing Depth		IN	OUT
Depth of HQ-NQ Reduction	71.32		
Logged By	KEITH ROBERTS		
2nd Logger			
Remarks			

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0.00	14.40	OVBN																															
		14.40	20.05	OVBN																															
		20.05	27.85	SUBV	5	M	1	W	N	N	W		N	M	1.5	0.5	0.01				0	1.0	0.5	0	0	0	W	N	T	T	N	N	W	M	T

0.00–14.40: CLAY SUPPORTED GLACIAL TILL. POLYLITHIC CLASTS SUBANGULAR TO SUBROUNDED, UNSORTED, RANGING FROM COBBLE SIZE DOWN TO FINE GRAVEL (± 1 cm). MATRIX ALSO CONTAINS COARSE SAND AND SILT GRAINS. LARGEST CLASTS ARE BASALT, SLIGHTLY SMALLER CLASTS ARE QUARTZ DIORITE (± 5 cm), THE REMAINDER OF THE SMALLER CLASTS HAVE A CONSIDERABLE COMPOSITIONAL RANGE, INCLUDING PEBBLES OF GRANITE, QUARTZ AND OBSIDIAN/TACHYLITE, REDDISH PUMICE FRAGMENTS AND INDIVIDUAL QUARTZ CRYSTALS. THERE APPEARS TO BE NO INTERNAL STRUCTURE - BEDDING, IMBRICATION ETC.

14.40–20.05: LOOSE, UNCONSOLIDATED, COBBLES AND PEBBLES, BASALT, QUARTZ DIORITE, VOLCANIC. BEDROCK BOULDER 19.50 – 19.85

20.05–27.85: LITHOLOGY PALE GREY TO PALE GREY GREEN, FINELY PORPHYRITIC ROCK WITH ABUNDANT PHENOCRYSTS (± 50%). PHENOCRYSTS CONSIST OF 'BLOCKY', EUHEDRAL, OSCILLATORY ZONED, PARTIALLY TO COMPLETELY SERICITISED PLAGIOCLASE. TYPICALLY [illegible] IN LENGTH. CARLSBAD TWINS MAY ALSO BE SEEN IN PLACES

OTHER PHENOCRYSTS APPEAR TO BE THE RESULT OF SYNTAXIAL GROWTH

IN GENERAL THE PHENOCRYSTS APPEAR TO BE MUCH MORE EUHEDRAL THROUGHOUT THAN IN MOST

97- .I-AW

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER ~~96~~ - 234 Page 1 of 36

SURVEY DATA

SURVEY	DEPTH		DIP		AZIMUTH		NORTHING	EASTING	ELEVATION	GRID SYSTEM
Collar	0.00									
Downhole	(ft)	(m)	Tool	True	Read	True				
1										
2										
3										
4										
5										
6										
7										
8										
9										

ROCK CODES

OVBN 0	Overburden	QD2 16	Quartz Diorite-c.gr. seriate-porph.
TKIC 1	Tilted Bedrock	QD1 17	Quartz Diorite-heterog. fine porph.
BSLT 2	Basalt	FAXT 21	Andesite Tuff (mainly crystal tuff)
OVB2 3	Unconsolidated Sediments	DEBF 22	Andesite Lapilli Tuff (debris flow)
PMPD 11	Post-Ore Intrusive Diorite	BEAT 23	Laminated Andesite Tuff
INBX 12	Intrusive Breccia	FLOW 24	Porphyritic Andesite Flow
FP 13	Feldspar Porphyry	SUBV 25	Crowded Porphyritic Andesite
QFP 14	Quartz Feldspar Porphyry	SEDS 31	Siltstone, Wacke, Conglom., Shale
QD3 15	Quartz Diorite-equigranular to subporphyritic		

INTENSITY SCALE

N = None T=Trace W=Weak M=Moderate S=Strong

* = Indicate presence of TtTn and/or PbZn

MINERALIZATION

Anh = Anhydrite	Cc = Chalcocite	Qz = Quartz
Gyp = Gypsum	Cup = Cuprite	Cal = Calcite
Cb = Carbonate	Cu = Native Copper	Frac = Fracturing
To = Tourmaline	Mol = Molybdenite	Slik = Slickensides
Ep = Epidote	Mag = Magnetite	
Lim = Limonite	Hem = Hematite	
Py = Pyrite	Po = Pyrrhotite	
Cpy = Chalcopyrite	TtTn = Tetr.-Tenn.	
Bn = Bornite	PbZn = Lead, Zinc	

INTERVAL

P = Primary

S = Secondary

ALTERATION

0=NON=Weakly Alt'd
1=BIO=K-Silicate
2=KSP=Orthoclase
3=SER=Sericite-Ank.
4=QTZ=Silicification
5=PRO=Propylitic
6=PHY=Phyllic
7=ARG=Argillic
8=ALB=Albite

DRILLING DATA

Approximate Northing	9521
Approximate Easting	10710
Approximate Elevation	1465m
Date Drilling Started	06.01.97
Date Drilling Ended	JAN 18/97
Total Depth	3097'/943.97m
Casing Depth	75.29
Casing	IN [✓ OUT]
Depth of HQ-NQ Reduction	
Logged By	M. SCHATTEN
2nd Logger	C. BAKER
Remarks	

GRAPHIC LOG m	P or S	INTERVAL FROM	INTERVAL TO	ROCK CODE	ALTERATION MAJOR Type	MAJOR Intens.	MINOR Type	MINOR Intens.	SECONDARY MINERALS (INTENSITY) Anh	Gyp	Cb		Ep	Lim	MINERALIZATION (PERCENT) Py	Cpy	Bn				Mol	Mag	Hem	Po	(*) TtTn	PbZn	STRUCTURE - VEINS (INTENSITY) Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
		0	14.80	OVBN					N	U	T		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N
							DESCRIPTION:		ABLATION TILL WITH CLASTS UP TO 16 cm IN LENGTH. MAJORITY OF CLASTS ARE BETWEEN 0.5 AND [illegible] IN LENGTH. CLAST COMPOSITIONS ARE: GRANITOIDS BASALT, QFP, SILT/SANDSTONE, FAXT. MATRIX IS GREY/BROWN, SILTY AND WEAKLY CALCAREOUS. CLASTS COMPRISE APPROX. 30% OF THE UNIT. NO STRUCTURE NOTED.																										
		14.80	18.51	OVBN					N	N	T		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N
							DESCRIPTION:		COLOUR AS ABOVE BUT CLASTS ARE EXTREMELY RARE. MATRIX IS WEAKLY CALCAREOUS. BEDDING AT 60° TO CA.																										
		18.51	22.57	OVBN					N	U	N		N	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	U
							DESCRIPTION		LODGEMENT TILL WHICH IS MUCH MORE CLAST SUPPORTED THAN ABOVE. CLASTS ARE GENERALLY ANGULAR [illegible] FROM 3 [illegible] TO 10 [illegible] IN LENGTH. CLAST COMPOSITIONS ARE BASALTIC, GRANITOIDS, SUBV, FAXT. COLOUR IS AS ABOVE [illegible] DENOTING POSSIBLE DIFFERENT OXIDATION STATE OF IRON. FROM 22.60 [illegible] TO																										

TASEKO MINES LIMITED - PROSPERITY PROJECT GEOLOGY / COMPUTER LOG FORM

DRILL HOLE NUMBER 97 96 - 234 Pg. 2 of 36

GRAPHIC LOG m

P or S	INTERVAL		ROCK CODE	ALTERATION				SECONDARY MINERALS (INTENSITY)						MINERALIZATION (PERCENT)										(*)		STRUCTURE - VEINS (INTENSITY)								
	FROM	TO		MAJOR		MINOR																												
				Type	Intens.	Type	Intens.	Anh	Gyp	Cb		Ep	Lim	Py	Cpy	Bn				Mol	Mag	Hem	Po	TtTn	PbZn	Py	Cpy	Mag	Qz	Anh	Gyp	Cal	Frac	Slik
	22.57	53.95	OVB2					N	N	W		W	N	0	0	0				0	0	0	0	0	0	N	N	N	N	N	N	N	N	N
	53.95	63.09	OVB2																															
	63.09	71.32	OVB2																															
	71.32	81.85	BEAT	7	W	5	W	N	N	M		N	S	0	0	0				0	0	.5	0	0	0	N	N	N	~~N~~	N	N	M	M	W

22.57 – 53.95 OVB2

DESCRIPTION: RUSTY RED COLOURED TILL, SEPARATED FROM ABOVE TILL BY TWO LARGE CLASTS (ONE OF BASALTIC COMPOSITION, THE OTHER IS A FELDSPAR PORPHYRY). CLASTS ARE SUBANGULAR TO ANGULAR AND OCCUPY 25→30 % OF THE UNIT. CLAST COMPOSITIONS ARE MOST COMMONLY FELDSPAR PORPHYRIES AND FEW GRANITOIDS. THE FELDSPARS IN THE CLASTS ARE OFTEN ALTERED TO SERICITE. MATRIX CONTAINS TRACE CARBONATE.

53.95 – 63.09 OVB2

LITHOLOGY: MARKED DECREASE IN CLASTS, 1-5%. CLASTS DECREASE DOWNSECTION. RUSTY + GREY-BROWN MATRIX DOMINANTLY OF SILT + CLAY, MINOR SAND-SIZED GRAINS ~ BOTTOM THIRD OF INTERVAL, INTERMIXED W/ SILT + CLAY. SULPHIDES ABSENT.

63.09 – 71.32 OVB2

LITHOLOGY: 63.09 - 66.00m MEDIUM TO DARK GREY UNCONSOLIDATED CLAY & SILT. CLAY > SILT.

66.00 - 69.25m ANGULAR + FEWER SUB-ROUNDED FRAGMENTS OF DARK GREY BLACK FINE-GRAINED BASALT. ~50% OF FRAGMENTS FINELY PORPHYRITIC, 5-10% SUBHEDRAL TO EUHEDRAL PLAG PHENOS. MINOR CAL LOCALLY ON SURFACES

69.25 - 71.32m DARK GREY CLAY.

71.32 – 81.85 BEAT

BEDDED ANDESITE TUFF + LAPILLI TUFF.

LITHOLOGY: BUFF + MEDIUM GREY. LOCALLY MAROON. PERVASIVE + FRACTURE LIMONITE. COARSENING DOWN SEQUENCES OF

71.32 - 78.97m LAPILLI + CRYSTAL TUFF. MINOR BEAT. CHERTY SUBROUNDED TO ROUNDED LAPILLI TYPICALLY ≤ 3mm LONG.

78.97 - 81.85m MEDIUM GREY, LOCALLY MAROON BEAT. WEAKLY TO WELL BEDDED.

ALTERATION: WHITE + SLIGHTLY PINK CALCITE VNLTS, MICROVNLTS + FRACTURE FILL. CAL VNLTS/MICROVNLTS COMPRISE ~15% OF UNIT. PERVASIVE LIMONITE TOP HALF OF UNIT. FRACTURE LIMONITE PERVADING INWARDS UP TO 6cm BOTTOM HALF OF UNIT. LOCAL HEM ALONG HAIRLINE FRACTURES. CORE SOFT DUE TO CLAY MINERALS. LOCAL MINOR CAL FILLING INTERSTICES IN LAPILLI + CRYSTAL TUFF.

MINERALIZATION BARREN.

APPENDIX 4

**MINERAL
·ENVIRONMENTS
LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

96212

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA1

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235051 LOT CODE SR	.01	.005	110
235052 LOT CODE SR	.01	.004	140
235053 LOT CODE SR	.01	.005	110
235054 LOT CODE SR	.01	.003	114
235055 LOT CODE SR	.01	.001	120
235056 LOT CODE SR	.01	.002	115
235057 LOT CODE SR	.01	.001	124
235058 LOT CODE SR	.01	.002	115
235059 LOT CODE SR	.01	.005	105
235060 LOT CODE SR	.01	.005	123
235061 LOT CODE SR	.01	.003	121
235062 LOT CODE SR	.01	.002	107
235063 LOT CODE SR	.26	.168	116
235064 LOT CODE SR	.01	.002	127
235065 LOT CODE SR	.01	.001	105
235066 LOT CODE SR	.04	.004	118
235067 LOT CODE SR	.01	.004	128
235068 LOT CODE SR	.01	.004	114
235069 LOT CODE SR	.02	.005	114
235070 LOT CODE SR	.01	.005	141
235071 LOT CODE SR	.01	.004	134
235072 LOT CODE SR	.32	.006	125
235073 LOT CODE SR	.05	.006	128
235074 LOT CODE SR	.01	.003	130

Certified by ______________________

MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA2

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235075 LOT CODE SR	.11	.006	131
235076 LOT CODE SR	.18	.004	121
235077 LOT CODE SR	.01	.004	123
235078 LOT CODE SR	.01	.004	123
235079 LOT CODE SR	.01	.005	117
235080 LOT CODE SR	.02	.003	129
235081 LOT CODE SR	.01	.003	145
235082 LOT CODE SR	.04	.006	124
235083 LOT CODE SR	.03	.003	138
235084 LOT CODE SR	.01	.008	132
235085 LOT CODE SR	.01	.009	117
235086 LOT CODE SR	.15	.005	111
235087 LOT CODE SR	.28	.167	115
235088 LOT CODE SR	.01	.003	116
235089 LOT CODE SR	.01	.002	106
235090 LOT CODE SR	.01	.001	118
235091 LOT CODE SR	.01	.001	110
235092 LOT CODE SR	.01	.007	120
235093 LOT CODE SR	.01	.016	120
235094 LOT CODE SR	.01	.011	126
235095 LOT CODE SR	.01	.008	121
235096 LOT CODE SR	.01	.009	121
235097 LOT CODE SR	.01	.014	128
235098 LOT CODE SR	.01	.010	136

Certified by ____________________

MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA3

Date: FEB-14-97

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235099 LOT CODE SR	.01	.009	121
235100 LOT CODE SR	.08	.006	118
235101 LOT CODE SR	.20	.004	130
235102 LOT CODE SR	.03	.008	128
235103 LOT CODE SR	.03	.005	130
235104 LOT CODE SR	.26	.166	120
235105 LOT CODE SR	.01	.002	132
235106 LOT CODE SR	.03	.003	128
235107 LOT CODE SR	.05	.002	145
235108 LOT CODE SR	.01	.002	127
235109 LOT CODE SR	.03	.003	127
235110 LOT CODE SR	.10	.002	140
235111 LOT CODE SR	.03	.004	146
235112 LOT CODE SR	.02	.005	143
235113 LOT CODE SR	.05	.007	140
235114 LOT CODE SR	.09	.015	120
235115 LOT CODE SR	.22	.014	124
235116 LOT CODE SR	.20	.013	131
235117 LOT CODE SR	.09	.011	141
235118 LOT CODE SR	.06	.008	137
235119 LOT CODE SR	.37	.008	125
235120 LOT CODE SR	.04	.007	136
235121 LOT CODE SR	.13	.007	131
235122 LOT CODE SR	.07	.010	132

Certified by ______________________

MIN-EN LABORATORIES

MINERAL
·ENVIRONMENTS
LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA4

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235123 LOT CODE SR	.04	.012	127
235124 LOT CODE SR	.01	.010	133
235125 LOT CODE SR	.01	.009	131
235126 LOT CODE SR	.26	.167	122
235127 LOT CODE SR	.01	.009	142
235128 LOT CODE SR	.03	.010	130
235129 LOT CODE SR	.02	.007	133
235130 LOT CODE SR	.05	.007	143
235131 LOT CODE SR	.02	.007	130
235132 LOT CODE SR	.03	.008	126
235133 LOT CODE SR	.04	.006	131
235134 LOT CODE SR	.09	.009	127
235135 LOT CODE SR	.08	.011	131
235136 LOT CODE SR	.28	.005	137
235137 LOT CODE SR	.15	.013	133
235138 LOT CODE SR	.06	.014	129
235139 LOT CODE SR	.19	.014	128
235140 LOT CODE SR	.08	.015	128
235141 LOT CODE SR	.54	.011	127
235142 LOT CODE SR	.05	.007	131
235143 LOT CODE SR	.12	.005	131
235144 LOT CODE SR	.01	.004	127
235145 LOT CODE SR	.03	.001	133
235146 LOT CODE SR	.01	.001	133

*Certified by*______________________________

MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA5

Company: TASEKO MINES LTD
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235147 LOT CODE SR	.29	.166	120
235148 LOT CODE SR	.01	.002	141
235149 LOT CODE SR	.08	.059	125
235150 LOT CODE SR	.01	.011	135
235151 LOT CODE SR	.01	.012	130
235152 LOT CODE SR	.02	.017	134
235153 LOT CODE SR	.01	.008	126
235154 LOT CODE SR	.01	.005	140
235155 LOT CODE SR	.01	.011	142
235156 LOT CODE SR	.01	.005	140
235157 LOT CODE SR	.02	.010	126
235158 LOT CODE SR	.01	.009	132
235159 LOT CODE SR	.02	.007	134
235160 LOT CODE SR	.05	.015	131
235161 LOT CODE SR	.02	.005	132
235162 LOT CODE SR	.01	.005	138
235163 LOT CODE SR	.02	.007	138
235164 LOT CODE SR	.27	.167	115
235165 LOT CODE SR	.02	.008	120
235166 LOT CODE SR	.02	.008	140
235167 LOT CODE SR	.05	.007	130
235168 LOT CODE SR	.32	.074	118
235169 LOT CODE SR	.51	.305	133
235170 LOT CODE SR	.39	.267	123

Certified by ____________________
MIN-EN LABORATORIES

MINERAL
ENVIRONMENTS
LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA6

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235171 LOT CODE SR	.40	.127	128
235172 LOT CODE SR	.03	.009	119
235173 LOT CODE SR	.01	.002	132
235174 LOT CODE SR	.64	.156	125
235175 LOT CODE SR	.05	.008	138
235176 LOT CODE SR	.11	.015	118
235177 LOT CODE SR	.14	.077	138
235178 LOT CODE SR	.09	.041	114
235179 LOT CODE SR	.08	.011	111
235180 LOT CODE SR	.21	.138	111
235181 LOT CODE SR	.41	.094	143
235182 LOT CODE SR	.25	.128	119
235183 LOT CODE SR	.02	.003	132
235184 LOT CODE SR	.01	.015	151
235185 LOT CODE SR	.27	.167	130
235186 LOT CODE SR	.01	.001	134
235187 LOT CODE SR	.15	.007	125
235188 LOT CODE SR	.42	.005	138
235189 LOT CODE SR	.02	.012	122
235190 LOT CODE SR	.02	.012	129
235191 LOT CODE SR	.01	.004	129
235192 LOT CODE SR	.01	.003	130
235193 LOT CODE SR	.02	.010	138
235194 LOT CODE SR	.21	.006	126

Certified by ____________________

MIN-EN LABORATORIES

MINERAL
·ENVIRONMENTS
LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA7

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235195 LOT CODE SR	.01	.006	126
235196 LOT CODE SR	.04	.006	135
235197 LOT CODE SR	.17	.012	130
235198 LOT CODE SR	.07	.008	139
235199 LOT CODE SR	.05	.008	131
235200 LOT CODE SR	.01	.026	145
235201 LOT CODE SR	.01	.013	142
235202 LOT CODE SR	.26	.166	120
235203 LOT CODE SR	.08	.017	133
235204 LOT CODE SR	.03	.013	141
235205 LOT CODE SR	.01	.012	139
235206 LOT CODE SR	.18	.025	144
235207 LOT CODE SR	.05	.011	141
235208 LOT CODE SR	.06	.019	131
235209 LOT CODE SR	.07	.005	135
235210 LOT CODE SR	.04	.021	131
235211 LOT CODE SR	.02	.002	128
235212 LOT CODE SR	.06	.019	126
235213 LOT CODE SR	.04	.022	139
235214 LOT CODE SR	.04	.016	127
235215 LOT CODE SR	.04	.018	126
235216 LOT CODE SR	.40	.043	135
235217 LOT CODE SR	.01	.008	139
235218 LOT CODE SR	.06	.005	129

Certified by ____________________

MIN-EN LABORATORIES

**MINERAL
·ENVIRONMENTS
LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA8

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235219 LOT CODE SR	.02	.016	133
235220 LOT CODE SR	.04	.033	128
235221 LOT CODE SR	.02	.013	133
235222 LOT CODE SR	.01	.002	129
235223 LOT CODE SR	.01	.002	126
235224 LOT CODE SR	.30	.167	122
235225 LOT CODE SR	.01	.002	137
235226 LOT CODE SR	.01	.001	126
235227 LOT CODE SR	.01	.001	137
235228 LOT CODE SR	.01	.016	127
235229 LOT CODE SR	.01	.001	130
235230 LOT CODE SR	.01	.002	127
235231 LOT CODE SR	.02	.001	132
235232 LOT CODE SR	.01	.006	128
235233 LOT CODE SR	.01	.004	139
235234 LOT CODE SR	.03	.001	128
235235 LOT CODE SR	.01	.013	126
235236 LOT CODE SR	.01	.001	132
235237 LOT CODE SR	.02	.002	136
235238 LOT CODE SR	.01	.001	131
235239 LOT CODE SR	.03	.001	132
235240 LOT CODE SR	.01	.003	144
235241 LOT CODE SR	.01	.001	135
235242 LOT CODE SR	.01	.001	132

*Certified by*____________________
MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA9

Date: FEB-14-97

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235243 LOT CODE SR	.01	.001	127
235244 LOT CODE SR	.01	.002	140
235245 LOT CODE SR	.25	.165	133
235246 LOT CODE SR	.01	.001	137
235247 LOT CODE SR	.01	.001	141
235248 LOT CODE SR	.01	.001	134
235249 LOT CODE SR	.01	.001	129
235250 LOT CODE SR	.01	.010	131
235251 LOT CODE SR	.04	.034	130
235252 LOT CODE SR	.04	.003	129
235253 LOT CODE SR	.10	.003	128
235254 LOT CODE SR	.01	.001	138
235255 LOT CODE SR	.09	.001	137
235256 LOT CODE SR	.01	.001	130
235257 LOT CODE SR	.01	.002	131
235258 LOT CODE SR	.05	.002	129
235259 LOT CODE SR	.35	.005	130
235260 LOT CODE SR	.02	.005	131
235261 LOT CODE SR	.02	.008	134
235262 LOT CODE SR	.10	.047	135
235263 LOT CODE SR	.13	.037	127
235264 LOT CODE SR	.26	.166	116
235265 LOT CODE SR	.11	.046	135
235266 LOT CODE SR	.11	.030	134

Certified by ______________________

MIN-EN LABORATORIES

MINERAL ·ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA10

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 24 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235267 LOT CODE SR	.21	.032	140
235268 LOT CODE SR	.07	.014	136
235269 LOT CODE SR	.15	.030	140
235270 LOT CODE SR	.06	.013	134
235271 LOT CODE SR	.05	.023	141
235272 LOT CODE SR	.05	.035	129
235273 LOT CODE SR	.04	.020	140
235274 LOT CODE SR	.17	.070	138
235275 LOT CODE SR	.04	.021	135
235276 LOT CODE SR	.06	.015	143
235277 LOT CODE SR	.02	.015	141
235278 LOT CODE SR	.02	.015	144
235279 LOT CODE SR	.02	.014	138
235280 LOT CODE SR	.01	.018	141
235281 LOT CODE SR	.01	.014	130
235282 LOT CODE SR	.26	.059	137
235283 LOT CODE SR	.26	.166	116
235284 LOT CODE SR	.02	.010	131
235285 LOT CODE SR	.02	.022	142
235286 LOT CODE SR	.03	.047	140
235287 LOT CODE SR	.02	.014	131
235288 LOT CODE SR	.01	.014	128
235289 LOT CODE SR	.01	.012	139
235290 LOT CODE SR	.01	.012	132

Certified by ____________________
MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7V-0040-PA11

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SR
Attn: RON KONST

Date: FEB-14-97

We hereby certify the following Assay of 14 PULP samples submitted JAN-30-97 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total wt
235291 LOT CODE SR	.01	.015	134
235292 LOT CODE SR	.01	.013	126
235293 LOT CODE SR	.01	.017	135
235294 LOT CODE SR	.02	.019	127
235295 LOT CODE SR	.03	.028	143
235296 LOT CODE SR	.03	.046	133
235297 LOT CODE SR	.01	.012	141
235298 LOT CODE SR	.02	.020	137
235299 LOT CODE SR	.01	.010	141
235300 LOT CODE SR	.02	.015	140
235301 LOT CODE SR	.01	.013	135
235302 LOT CODE SR	.27	.165	115
235303 LOT CODE SR	.02	.015	136
235304 LOT CODE SR	.01	.015	142

Certified by ______________________

MIN-EN LABORATORIES

MINERAL
·ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

96218

Assay Certificate

6V-1124-PA1

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SX
Attn: RON KONST

Date: DEC-13-96

We hereby certify the following Assay of 24 PULP samples submitted NOV-28-96 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total Wt
224501 LOT CODE SX	.01	.005	145
224502 LOT CODE SX	.26	.166	124
224503 LOT CODE SX	.01	.005	144
224504 LOT CODE SX	.01	.005	146
224505 LOT CODE SX	.01	.004	145
224506 LOT CODE SX	.01	.005	144
224507 LOT CODE SX	.01	.005	146
224508 LOT CODE SX	.01	.006	144
224509 LOT CODE SX	.01	.004	143
224510 LOT CODE SX	.15	.014	146
224511 LOT CODE SX	.09	.012	144
224512 LOT CODE SX	.35	.021	144
224513 LOT CODE SX	.30	.026	144
224514 LOT CODE SX	.20	.019	146
224515 LOT CODE SX	.03	.005	146
224516 LOT CODE SX	.05	.016	144
224517 LOT CODE SX	.01	.004	149
224518 LOT CODE SX	.01	.003	121
224519 LOT CODE SX	.01	.006	116
224520 LOT CODE SX	.01	.003	114
224521 LOT CODE SX	.01	.003	129
224522 LOT CODE SX	.01	.008	127
224523 LOT CODE SX	.01	.003	145
224524 LOT CODE SX	.27	.164	120

Certified by ____________________

MIN-EN LABORATORIES

MINERAL
ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

6V-1124-PA2

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SX
Attn: RON KONST

Date: DEC-13-96

We hereby certify the following Assay of 24 PULP samples submitted NOV-28-96 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total Wt
224525 LOT CODE SX	.01	.005	134
224526 LOT CODE SX	.01	.003	141
224527 LOT CODE SX	.01	.020	133
224528 LOT CODE SX	.01	.004	101
224529 LOT CODE SX	.01	.010	115
224530 LOT CODE SX	.01	.005	127
224531 LOT CODE SX	.01	.006	117
224532 LOT CODE SX	.01	.004	113
224533 LOT CODE SX	.01	.008	117
224534 LOT CODE SX	.01	.003	114
224535 LOT CODE SX	.01	.009	105
224536 LOT CODE SX	.01	.004	124
224537 LOT CODE SX	.01	.011	111
224538 LOT CODE SX	.01	.007	118
224539 LOT CODE SX	.01	.004	145
224540 LOT CODE SX	.01	.004	144
224541 LOT CODE SX	.01	.004	144
224542 LOT CODE SX	.01	.004	145
224543 LOT CODE SX	.01	.004	146
224544 LOT CODE SX	.01	.005	147
224545 LOT CODE SX	.01	.004	147
224546 LOT CODE SX	.28	.170	113
224547 LOT CODE SX	.01	.005	146
224548 LOT CODE SX	.01	.005	147

Certified by ____________________

MIN-EN LABORATORIES

·ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

8282 SHERBROOKE STREET
VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

6V-1124-PA3

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SX
Attn: RON KONST

Date: DEC-13-96

We hereby certify the following Assay of 24 PULP samples submitted NOV-28-96 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total Wt
224549 LOT CODE SX	.01	.006	147
224550 LOT CODE SX	.01	.006	147
224551 LOT CODE SX	.01	.007	149
224552 LOT CODE SX	.01	.008	150
224553 LOT CODE SX	.01	.007	148
224554 LOT CODE SX	.01	.007	147
224555 LOT CODE SX	.01	.009	149
224556 LOT CODE SX	.01	.008	147
224557 LOT CODE SX	.01	.008	149
224558 LOT CODE SX	.02	.005	144
224559 LOT CODE SX	.01	.005	145
224560 LOT CODE SX	.01	.006	133
224561 LOT CODE SX	.01	.008	134
224562 LOT CODE SX	.24	.169	127
224563 LOT CODE SX	.01	.006	134
224564 LOT CODE SX	.01	.005	128
224565 LOT CODE SX	.01	.006	132
224566 LOT CODE SX	.01	.007	134
224567 LOT CODE SX	.01	.004	124
224568 LOT CODE SX	.02	.005	125
224569 LOT CODE SX	.01	.007	130
224570 LOT CODE SX	.01	.008	143
224571 LOT CODE SX	.01	.006	135
224572 LOT CODE SX	.01	.007	126

Certified by ____________________

MIN-EN LABORATORIES

·ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER, B.C., CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

6V-1124-PA4

Company: **TASEKO MINES LTD**
Project: PROSPERITY LOT SX
Attn: RON KONST

Date: DEC-13-96

We hereby certify the following Assay of 1 PULP samples submitted NOV-28-96 by Lena Brommeland.

Sample Number	Au-fire g/tonne	Cu %	Total Wt
224573 LOT CODE SX	.01	.006	127

Certified by ____________________

MIN-EN LABORATORIES

INTERNATIONAL METALLURGICAL AND ENVIRONMENTAL INC.
wna, B.C., Canada, V1X 7L4, Telephone: (604) 491-1722, Facsimile: (604) 491-1723

INVOICE

Invoice No.: 97145
GST No.: 898084686

Taseko Mines Ltd.
1020 - 800 West Pender Street
Vancouver, B.C.
V6C 2V6

Re: Billing for gravity recovery test work on the Taseko project

Dear Ron,

The following costs are being invoiced for gravity recovery test work on placer samples from the Taseko project. Results are attached.

Mike Mozak/Scott Reddick	
14 hours @ $62	$868
Analytical Costs	
Chemex	$288
Sub-Total	$1156
GST	$80.92
Invoice Total	$1236.92

Thank-you for the opportunity to provide this service.

Yours very truly,

Jeff Austin.

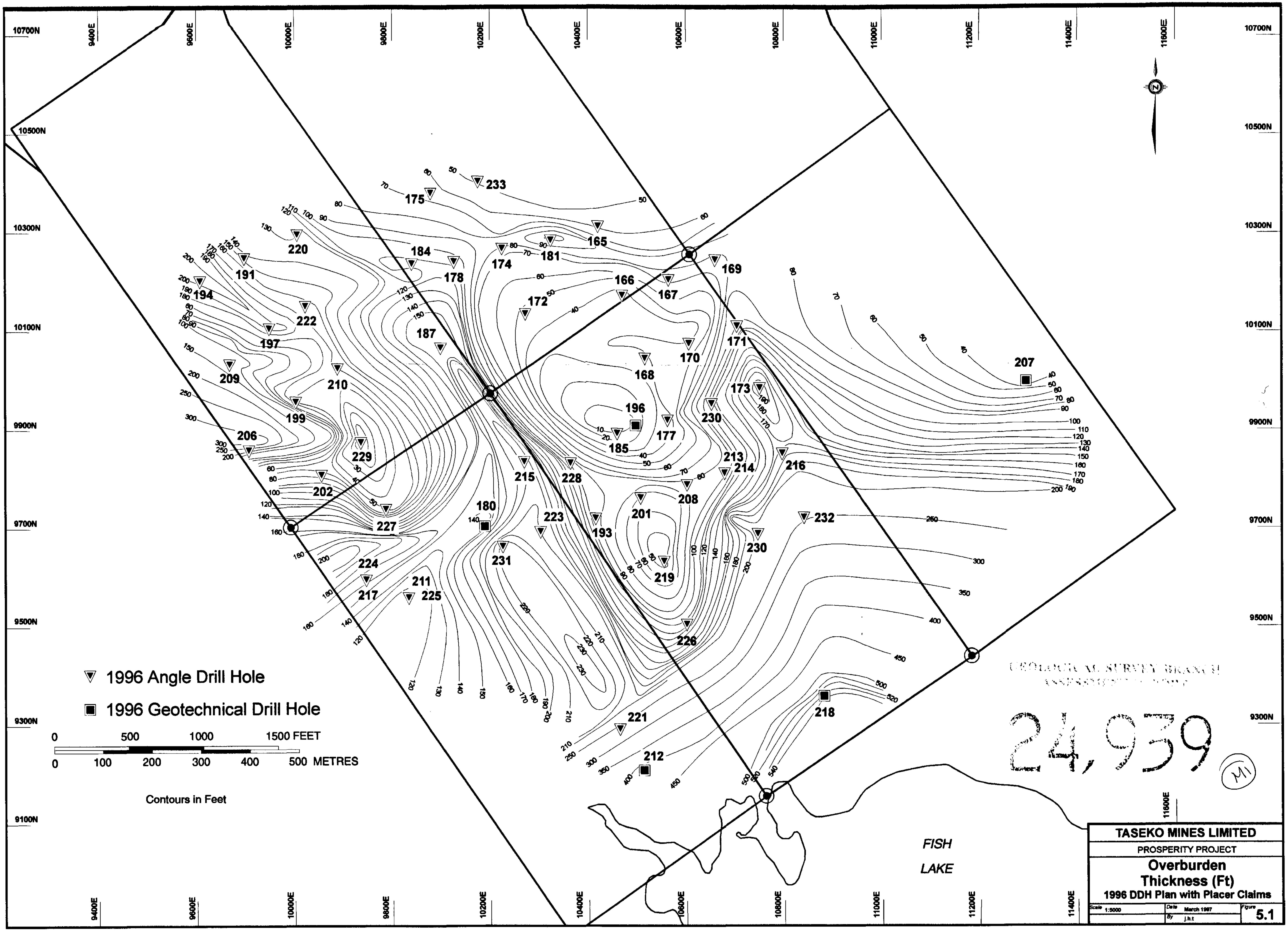
Jeffrey B. Austin, P.Eng. - President
International Metallurgical and Environmental Inc.

International Metallurgical and Environmental Inc.

Project: 9701 Taseko Mines

Test Objectives: Gravity gold recovery from the -10 mesh portion of the samples using a Knelson concentrator,
with the Knelson conc being hand panned into a final concentrate of 1-2 g.

	Weight					Gold Grade (g/t)		
Sample	+10 mesh (g)	Knelson tail (g)	Pan Tail (g)	Pan Conc (g)	Total Feed (g)	Pan Tail	Pan Conc g/t	Calc. Feed g/t
P9601	1357	297	57.5	0.43	1712	0.490	52.7	0.030
P9602	741	74	59.5	0.79	876	0.135	17.7	0.025
P9603	269	753	69.7	1.64	1093	0.030	88.4	0.134
P9604	324	588	78.4	2.19	992	0.025	5.1	0.013
P9605	534	708	62.2	0.73	1305	1.540	62.5	0.108
P9606	119	1199	69.9	0.79	1388	0.045	324.1	0.187
P9607	61	959	74.3	1.55	1096	0.075	10.1	0.019
P9608	268	344	73.5	1.36	686	0.020	1.65	0.005
P9609	1134	682	73.7	0.97	1890	0.090	83.3	0.046
P9610	84	363	82.0	1.23	529	0.020	3.7	0.012
P9611	29	1347	63.1	1.63	1441	1.670	130.5	0.221
P9612	466	112	64.4	0.84	643	0.065	13.2	0.024



TASEKO MINES LIMITED

PROSPERITY PROJECT

Overburden Thickness (Ft)

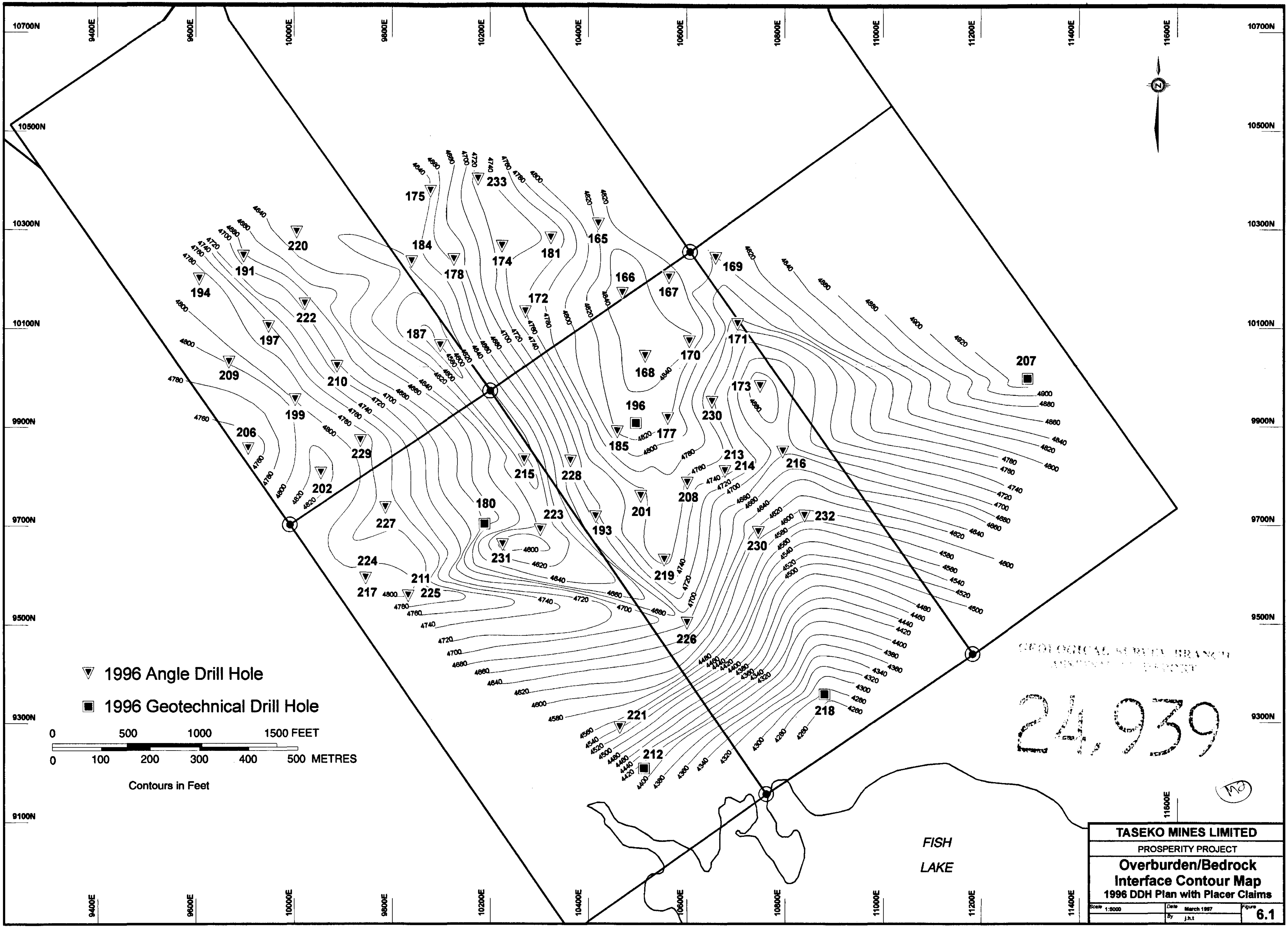
1996 DDH Plan with Placer Claims

Scale	Date	Figure
1:5000	March 1997	5.1
	By J.h.t	

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,939

(M1)



▼ 1996 Angle Drill Hole

■ 1996 Geotechnical Drill Hole

0 500 1000 1500 FEET

0 100 200 300 400 500 METRES

Contours in Feet

TASEKO MINES LIMITED

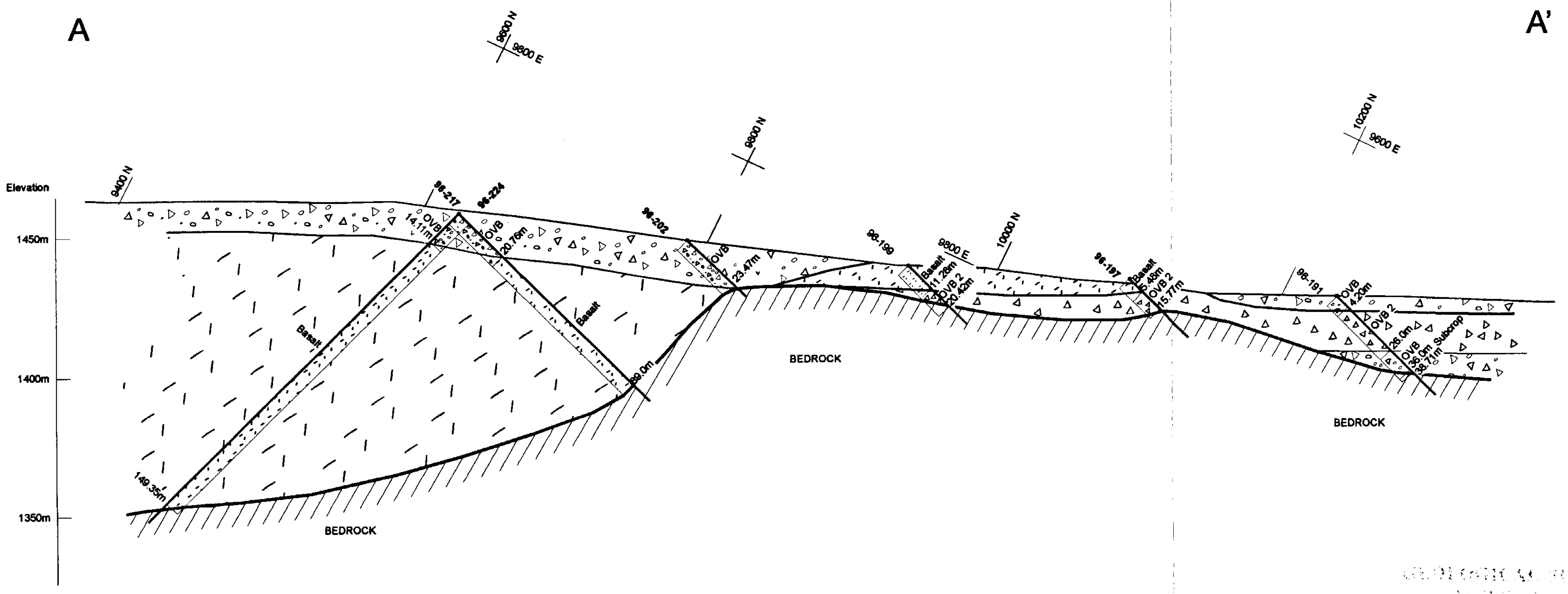
PROSPERITY PROJECT

Overburden/Bedrock Interface Contour Map

1996 DDH Plan with Placer Claims

Scale 1:5000	Date March 1997	Figure
	By j.h.t	6.1

MD



△○△	OVB:	Glacial Till, grey to dark grey clay rich matrix with subrounded to rounded heterolithic fragments varying from ≤ 1 cm to ≥ 20 cm. Matrix and clast abundance varies but matrix usually predominates comprising approximately 60 - 70 % of unit. Generally matrix supported.
△ △	OVB2:	Bright red - brown to brown variably clay and silt rich matrix with angular to subangular heterolithic fragments varying from ≤ 1 cm to ≥ 10 cm. Fragments and matrix are variably limonite and/or hematite altered. Unit is generally matrix supported with up to 35% fragments of volcanics and intrusives.
/\/\	BSLT:	Black to very dark green vesicular basalt. Matrix often aphanitic with no visible phenocrysts in thin units and as units get thicker, feldspar phenocrysts ≤ 1 mm to 3 mm in concentrations up to 10%, become visible. In some areas basalt breccias with brown to grey aphanitic devitrified glass matrix are apparent and may indicate deposition in water.
░	SILT:	Light to dark grey and somtimes dark green or brown fine - grained bedded and varved glaciolacustrine Sediments. Beds are generally flat lying varying from sand to fine plastic clay in size with occasional black organic layers that appear to be burnt wood and plants. Inter beds of coarse sand and gravel are common.
°°°	ESKER:	Unsorted heterolithic loose cobbles, pebbles, and sand.
//	BEDROCK:	Undifferentiated.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,939 (M3)

TASEKO MINES LIMITED

PROSPERITY PROJECT

Overburden Cross Section
A-A'

Scale	1:2500	Date	March 1997	Figure
	Vertical 2x	By	j.h.t	7.1

△○○△	OVB:	Glacial Till , grey to dark grey clay rich matrix with subrounded to rounded heterolithic fragments varying from ≤ 1 cm to ≥ 20 cm. Matrix and clast abundance varies but matrix usually predominates comprising approximately 60 - 70 % of unit. Generally matrix supported.
△ △	OVB2:	Bright red - brown to brown variably clay and silt rich matrix with angular to subangular heterolithic fragments varying from ≤ 1 cm to ≥ 10 cm. Fragments and matrix are variably limonite and/or hematite altered. Unit is generally matrix supported with up to 35% fragments of volcanics and intrusives.
/⌒/⌒	BSLT:	Black to very dark green vesicular basalt. Matrix often aphanitic with no visible phenocrysts in thin units and as units get thicker, feldspar phenocrysts ≤ 1 mm to 3 mm in concentrations up to 10%, become visible. In some areas basalt breccias with brown to grey aphanitic devitrified glass matrix are apparent and may indicate deposition in water.
⁘	SILT:	Light to dark grey and somtimes dark green or brown fine - grained bedded and varved glaciolacustrine Sediments. Beds are generally flat lying varying from sand to fine plastic clay in size with occasional black organic layers that appear to be burnt wood and plants. Inter beds of coarse sand and gravel are common.
▵ ▵	ESKER:	Unsorted heterolithic loose cobbles, pebbles, and sand.
▨	BEDROCK:	Undifferentiated.

TASEKO MINES LIMITED

PROSPERITY PROJECT

Overburden Cross Section B-B'

Scale 1:2500 Vertical 2x	Date March 1997 By j.h.t	Figure 7.2

△○○△	OVB:	Glacial Till , grey to dark grey clay rich matrix with subrounded to rounded heterolithic fragments varying from ≤ 1 cm to ≥ 20 cm. Matrix and clast abundance varies but matrix usually predominates comprising approximately 60 - 70 % of unit. Generally matrix supported.
△ △	OVB2:	Bright red - brown to brown variably clay and silt rich matrix with angular to subangular heterolithic fragments varying from ≤ 1 cm to ≥ 10 cm. Fragments and matrix are variably limonite and/or hematite altered. Unit is generally matrix supported with up to 35% fragments of volcanics and intrusives.
/⁀/⁀	BSLT:	Black to very dark green vesicular basalt. Matrix often aphanitic with no visible phenocrysts in thin units and as units get thicker, feldspar phenocrysts ≤ 1 mm to 3 mm in concentrations up to 10%, become visible. In some areas basalt breccias with brown to grey aphanitic devitrified glass matrix are apparent and may indicate deposition in water.
⁚⁚⁚	SILT:	Light to dark grey and somtimes dark green or brown fine - grained bedded and varved glaciolacustrine Sediments. Beds are generally flat lying varying from sand to fine plastic clay in size with occasional black organic layers that appear to be burnt wood and plants. Inter beds of coarse sand and gravel are common.
◁◁◁	ESKER:	Unsorted heterolithic loose cobbles, pebbles, and sand.
▨	BEDROCK:	Undifferentiated.

24,939

(MS)

TASEKO MINES LIMITED

PROSPERITY PROJECT

Overburden Cross Section C-C'

Scale 1:2500	Date March 1997	Figure 7.3
Vertical 2x	By j.h.t	