INTERNATIONAL SKYLINE GOLD CORPORATION

SUMMARY OF 1995 EXPLORATION WORK ON THE RED BLUFF AREA
BRONSON SLOPE PROJECT

FOR
EXPLORE B.C.

BY
SANDY MARTIN, B.A.Sc.

February 22, 1996

95/96 - M67

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,373

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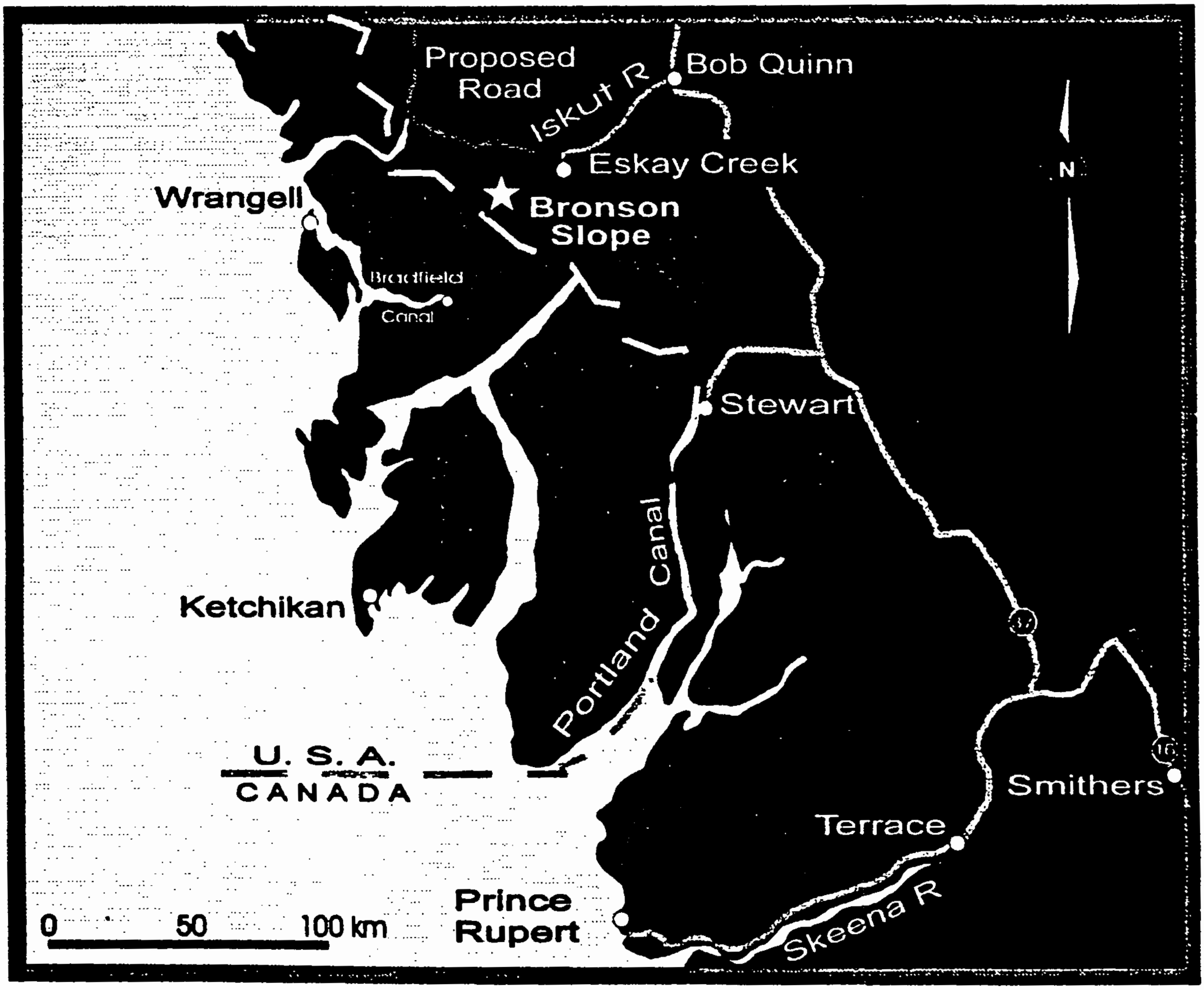
1.0 INTRODUCTION

During the period of April to October 1995 International Skyline Gold Corporation performed a number of exploration programs on its Bronson Slope porphyry gold, copper, silver, molybdenum deposit located in the Iskut River region adjacent to the Johnny Mountain mine of International Skyline and the Snip mine of Cominco (see figure 1). The exploration programs allowed International Skyline to refine its resource estimation to an inferred resource of 90 million tonnes containing 0.749 grams gold/mt, 0.159% copper, 4.17 grams silver/mt and 0.005% molybdenum. The minimum estimated mineable resource contains 56,728,000 tonnes of ore grading 0.545 grams/tonne gold, 2.4 grams/tonne silver, 0.18% copper, and 0.01% molybdenum. The deposit realizes an ultimate strip ratio of 0.29:1 waste to ore.

The exploration programs comprised the following:

- A review of the drill core from the 1994 drilling program to identify potential controls on the distribution of mineralization.
- Surveys were carried out to identify the dip and orientation of previous drill holes. Surveys were also completed to accurately establish the location and dip of drilling to be accomplished in the 1995 program.
- A diamond drill program consisting of 7 drill holes totalling more than 10,000 feet in length.
- Using the information generated from the exploration a new resource model was completed.
- As a result of the 1995 exploration program, International Skyline Gold Corporation submitted an Approval Certificate Application as the first step in the Environmental Approval Process to develop the Bronson Slope Deposit.



LOCATION MAP
BRONSON SLOPE PROJECT

INTERNATIONAL SKYLINE GOLD CORP.

OCTOBER 1995

FIGURE 1

2.0 HISTORY OF WORK

The earliest recorded work on the deposit was by the Iskut Mining Company who performed between 1907 and 1920, surface and minor underground exploration of a number of base and precious metal prospects on the south-west slope of Bronson Creek valley.

The next phase of work for which accurate records are available was done during the period of 1962 to 1965 during which time Cominco Ltd. had an option to develop the ground. Both regional and property scale surface mapping and prospecting were performed. This culminated in 1965 with a pack sack drill program comprising seven holes for a total of 1105 feet of drilling. This program discovered several areas of promising copper and molybdenum mineralization, however the low gold prices prevailing at the time prohibited realization of the potential of the deposit.

During the construction, in 1987, of the Johnny Mountain mine facilities by Skyline Explorations Ltd., several contour lines were soil sampled in the vicinity of the Red Bluff as a preliminary step to performing a comprehensive exploration program to rediscover the object of the early 1900s prospecting and claim staking activity. The soil samples contained, among other metals, extremely high gold values. In 1988, following initial grid soil sampling and prospecting, a total of 1938 meters of diamond drilling was performed in five areas of the Bronson Slope, defined by anomalous gold concentrations in rock and soil samples and by base metal sulphide mineralization. The object of the drilling was to locate high grade concentrations of precious metals similar to the nearby Stonehouse and Twin zone deposits and therefore it was directed at mineralized cross structures. Again, promising low grade concentrations of gold, copper and molybdenum were found but the values encountered were insufficiently high to interest the company in continuing the program.

After a corporate reorganization in 1992, attention was directed to evaluating the low grade potential of the deposit. In 1993, International Skyline Gold Corporation performed an Induced Polarization survey of the deposit and the surrounding alteration zones and completed 872 meters (7 holes) of fence drilling of two cross sections of the deposit. The program was successful in partially delineating a gold, copper porphyry system. In 1994, the company commissioned a computer model and reserve estimate of the deposit using polygonal weighting by levels and preliminary metallurgical studies of composited core samples. The studies confirmed the presence of a significant low grade reserve with very favourable froth flotation recovery characteristics of both gold and copper and were pivotal in giving the company the confidence to progress with exploration of the deposit. The studies were followed by a seven hole drill program totalling 951 meters. The drilling explored undefined zones within the reserve block and untested zones along strike from the deposit. The presence of a high grade zone within the deposit was indicated. Following drilling, detailed surface mapping was performed over the deposit area to try to correlate structural geologic information with observations of the mineralization from core logging.

In addition, the mapping defined the limits of the surface trace of the high grade core of the deposit.

3.0 THE 1995 EXPLORATION PROGRAM

3.1 REVIEW OF 1994 DRILL CORE

In April and May of 1994, David Rhys, a consulting geologist, was engaged by International Skyline to review the core from the 1994 diamond drilling program on Bronson Slope (hole numbers S1208-S1216 inclusive). The core was quick logged to identify potential controls on the distribution and mineralization with respect to alteration and vein type, structure and lithology. A core library of type samples was also compiled. Details of the review are contained in Appendix 1.

3.2 SURVEY PROGRAMS

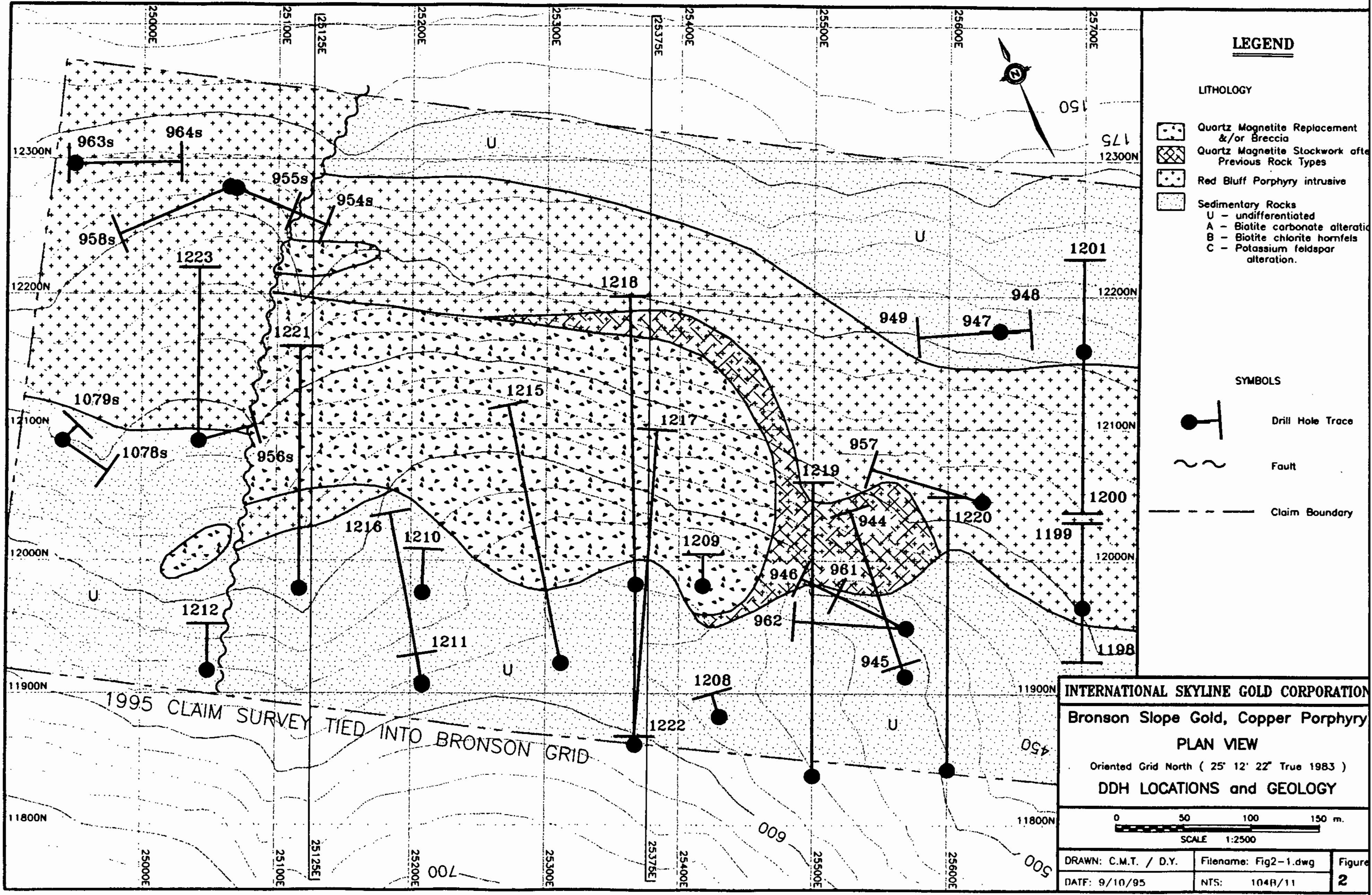
In May 1995, a surveying program was carried out on Bronson Slope to (1) accurately establish the location, dip, and dip direction of diamond drill holes from the previous 1994 diamond drilling program, and (2), to precisely orient and locate drilling for the upcoming 1995 program. Results from the surveys allowed the new resource model to be built with greater precision.

A second survey was performed between July 16 and July 25 1995 by Mathews and Lloyd Professional Land Surveying Ltd. to establish the precise claim boundaries between International Skyline and the Cominco-Snip Joint Venture..

3.3 1995 DIAMOND DRILLING

A diamond drilling program consisting of seven holes and totalling more than 10,000 feet was conducted on Bronson Slope. Supervision was provided by David Yeager (P.Geo. and Chief Geologist, International Skyline Gold) and Cameron Scott. Additional geological services were provided by Lou Straith. Locations of drill holes on the Red Bluff can be seen in figure 2 including those from 1995 (S1217 - S1223, inclusive). Drill logs can be reviewed in Appendix 2.

Cover sheets for the drill logs could not be located, if indeed they exist. Details regarding locations and elevations were included with the drill logs, however, exact dates of the start and conclusion of each hole are not available. It can be assumed that all drilling was concluded prior to July 14, 1995.



INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

PLAN VIEW

Oriented Grid North (25° 12' 22" True 1983)

DDH LOCATIONS and GEOLOGY

0 50 100 150 m.
SCALE 1:2500

DRAWN: C.M.T. / D.Y.
DATF: 9/10/95
Filename: Fig2-1.dwg
NTS: 104B/11
Figure 2

Tables indicating the assay results for each of the 1995 holes are included in Appendix 3.

As of the date of this report, although the drilling results have been fully assessed, no comprehensive analysis or conclusions have been compiled in the form of a geological report. The reader is refereed to the Geology and Project Description sections of International Skyline's Bronson Slope Mine Approval Certificate Application duplicated in Appendix 4. These listed sections were generated using the 1995 drilling results and represent the most recent compilation of geologic data on the Bronson Slope Project.

3.4 COMPUTER MODEL AND RESERVE ESTIMATE

The entire drill hole database was computerized and a reserve estimate calculated using PC-EXPLOR software from Gemcom Services in Vancouver. This work made it possible to identify zones within the deposit that were undefined or incorrectly defined by previous drilling due to insufficient density of data or due to a lack of accurate assay information.

The study was performed by Christopher M. Turek, P.Eng, Chief Engineer, International Skyline Gold Corporation. Reserve polygons based on drill hole assay composites were prepared for 10 meter elevation slices of the deposit. The report is presented in Appendix 5.

4.0 CONCLUSIONS

International Skyline Gold Corporation feels that the exploration program of 1995 has allowed the Bronson Slope Project to advance to the initial mine development phase. Encouraging results from the 1995 exploration program have led to:

- the Company's application for the construction of a spur road extension to the existing Eskay Creek Road which will lead to the Bronson Slope project location;
- an application to the Environmental Assessment Office (included as part of the Bronson Slope Certificate Application) for permission to construct a 20 MW run of river, hydro-electric generation facility on the Iskut River to supply power to the project;
- a geotechnical study by R.C. Dick, P.Eng. (Geotechnical Engineering Consultant), into the proposed Bronson Slope Project Sky Creek tailings impoundment locations and creek diversions;
- a design study for the Bronson Slope pit, including a starter pit;
- a study by Fluor Daniel Wright Ltd. (Vancouver) on various ore pass and crushing options for the Bronson Slope Project;
- a mill facility report on mineral processing options was completed by Rescan Engineering and a mill flowsheet was generated.

The company intends to continue to pursue Provincial environmental approval for the Bronson Slope Project. A 12 hole drilling program is anticipated on Bronson Slope for the 1996 exploration season. A number of environmental and geotechnical studies are anticipated for 1996. The company also intends to update the reserve following the seasons drilling as well as to conduct further metallurgical research on the Bronson ore. The feasibility of recovering and marketing the deposit's magnetite, which constitutes an estimated 11% of the resource, will also be investigated.

Respectfully Submitted,

Sandy Martin, B.A.Sc.

APPENDIX 1

Report of 1994 Drill Core Review

David Rhys
Consulting Geologist
1077 Gordon Avenue
West Vancouver
B.C.
V7T 1P7

May , 1995

Memo:

To: D. Yeager, International Skyline Gold Corp.

Re.: Red Bluff porphyry (Bronson Slope Project) - geology, core library and core logging procedures

This memo reports the results of a review of 1994 drill core from the Red Bluff porphyry by the author, with assistance by Al Chapman. The work was completed at the Pamicon camp, located at the north end of the Bronson Creek airstrip, northwestern British Columbia, between April 26 and May 2, 1995. The core from drill holes S1208 to S1216 (inclusive) was examined and quick logged to identify potential controls on the distribution of mineralization with respect to alteration and vein type, structure and lithology. In addition, a core library of type samples was created for future reference.

The reader is referred to Rhys (1995) for a description of the geologic setting and exploration history of the Red Bluff area and to Moore (1994) and Weekes (1994) for a summary of the 1994 exploration program. The observations reported here, however, supersede those made by Rhys (1995) on the alteration, vein types and distribution of mineralization within the Red Bluff porphyry system.

Geology and mineralization related to the Red Bluff porphyry:

Lithologies

The Red Bluff porphyry hydrothermal system is spatially associated with, and overprints a northwest-trending body or series of dykes of an Early Jurassic intrusion. The porphyry intrusion (195±1 Ma), termed the Red Bluff porphyry, is a K-feldspar megacrystic, plagioclase porphyritic intrusion of probable quartz diorite to monzodiorite composition. Subhedral tabular pink K-feldspar phenocrysts generally range in length from 2 to 20 mm, and they are rarely up to 7 cm long. They usually comprise from <1 to 5% of the modal mineralogy. The matrix to the K-feldspar megacrysts consists of medium-grained porphyry containing phenocrysts of albitic plagioclase (1-3 mm, 35-55 volume %), altered amphibole (up to 4%) and quartz. The plagioclase is usually completely altered to aggregates of sericite ±quartz ±K-feldspar. Mafic phenocrysts, probably originally hornblende from crystal shapes, are commonly altered to magnetite, hematite, pyrite, biotite, and chlorite. Equant, clear to smoky subrounded quartz phenocrysts, 0.2-1.5 mm in diameter, comprise <1 to 4%.

The Red Bluff porphyry intrudes a sequence of biotite altered turbiditic greywacke, siltstone and mudstone that is of probable Triassic age. These rocks are an extension of the thick sequence that hosts the Snip mine. Bedding generally dips moderately to shallowly to the northeast adjacent to the porphyry, and is upright. The 1994 drill holes intersected the greywacke sequence along the southwest side of the porphyry system. Here, the sedimentary rocks are usually foliated and have a slaty to locally phyllitic foliation defined by biotite and sericite. Foliation is commonly spaced. Numerous calcite ± quartz ± pyrite ± chlorite veinlets and stringers are (a) parallel to foliation (predominant) or (b) folded by the foliation. The veinlets commonly occur in densites of >10 per metre. Thin (<2 mm) biotite envelopes and selvages are common on the veinlets. 0.5 to 40 centimetre wide quartz + pyrite + chlorite + chalcopyrite ± sericite ± Fe-carbonate ± biotite veins are developed throughout the greywacke intersect on the southwest side of the porphyry system in 1994. Sericitic shear zones (pale grey) are developed locally and are parallel to the surrounding pervasive foliation. Limited surface mapping in the area southwest of the porphyry suggests that the foliation has a shallow to moderate southwest dip.

On the southwest side of the Red Bluff porphyry within 25 to 50 metres of the quartz-magnetite-hematite stockwork that defines the core of the system, foliation in the sediments generally disappears, magnetite appears (disseminated, in veinlets and in quartz veins), veins become quartz-dominant with sparse calcite and intense K-feldspar alteration is widespread. The rock is commonly pale to dark green, mottled with disseminated blebs of magnetite + hematite. Quartz-magnetite-hematite veins, generally 0.3 to 2 centimetres wide, increase in density and thickness gradually downhole as the quartz-Fe-oxide stockwork is approached. This area of distinctive alteration, termed the "transition zone" in previous drill logs, occurs in the following intervals: S1208 = 90- approx. 115 metres; S1210 = top of hole-57 metres; S1211 = 80-117 metres; S1212 = 125 metres to end of hole; S-1215 = 35-80 metres; S-1216 = 82-125 metres. In these intervals_quartz veins with magnetite are clearly cut by 0.5 to >50 centimetre wide (apparent thickness) white to pink quartz + pyrite + chalcopyrite + chlorite + biotite + sericite + carbonates veins of the same type described in the preceding paragraph.

Quartz-Fe-oxide and younger mineralization

The Red Bluff porphyry hydrothermal system is dominated by an intense quartz-magnetite-hematite stockwork that trends northwest along the northern slope of Johnny Mountain. The stockwork overprints and is intimately associated with the Red Bluff porphyry intrusion. Margins of the quartz-magnetite-hematite stockwork are usually discrete. Over intervals of < 5 metres, and commonly < 1 metre, vein abundance increases from 10-25% of the total rock outside the stockwork to >60% (commonly >90%) within it. The veins form an intense stockwork that usually contains less than 20% interstitial rock. Locally, drill intersections 20 to >100 m long are composed entirely of intersecting to sheeted sets of quartz-magnetite-hematite veins. Individual veins usually range from 0.5 to 10 cm in thickness. Magnetite with subordinate hematite constitutes from 0.5 to 25% of the vein volume, often occurring as multiple 0.1 to 1 mm-wide bands in white quartz. Microscopically, magnetite and hematite commonly occur together in individual grains with undulating irregular boundaries separating the two phases. Magnetite:hematite ratios are usually greater than 3:1. Multiple generations of obliquely cross-cutting quartz-magnetite-hematite veins are common. Vein core axis angles are highly variable in the 1994 drill core, but elsewhere veins are locally sheeted (e.g. Snip 130 portal area - veins dip southwest: Rhys, 1995). Younger veins contain progressively less magnetite and hematite, from 10 to % in the oldest veins to 0.5-5% in the youngest. Overall Fe-oxide content in the stockwork is estimated at between 8 and 15%. Interstitial wallrock within the quartz-magnetite-hematite stockwork is intensely altered to sericite + magnetite + hematite + quartz ± K-feldspar ± biotite ± chlorite. A bright green phyllosilicate (possibly chlorite, biotite or sericite) is locally abundant.

The quartz-magnetite-hematite stockwork is overprinted by quartz + pyrite + chalcopyrite ± carbonate veins and alteration equivalent to the veins of similar mineralogy outside the stockwork, and by pyrite and carbonate veins. Grey to pale pink quartz forms 5 centimetre to 3 metre wide patches and veins that typically comprise 10 to 30% of drill intersections in the quartz-magnetite-hematite stockwork. The quartz typically contains 1 to 10% disseminated, blebby and veinlet pyrite + chalcopyrite. Carbonates (?Fe-carbonates, and more rarely, calcite), sericite chlorite and green biotite commonly occur with the sulphides. Margins of the quartz-pyrite veins/patches, although locally sharp like quartz-pyrite-chalcopyrite veins outside the stockwork, are typically irregular and gradational with the quartz-magnetite-hematite veins. Over <1 to 5 centimetre widths on the margins of the quartz-pyrite veins/patches, pyrite + chalcopyrite ± Fe-carbonate entirely replace the magnetite and hematite, but preserve relict Fe-oxide banding of the adjacent quartz-magnetite-hematite assemblage. Isolated patches of Fe-oxide bearing vein material are commonly preserved within the white/pink quartz and are sulphidised on their margins. These textures suggest that much of the quartz-pyrite may this be an in situ alteration of the quartz-Fe-oxide assemblage, with little introduction of new vein material. The total sulphide content in the quartz-pyrite assemblage (generally approximately 5%), is less than the total Fe-oxide content if the older quartz-magnetite-hematite veins (generally 10%), resulting in a net loss of Fe from the system.

Pyrite + chalcopyrite ± carbonate veinlets and veins frequently cut, but are intimately associated with the quartz-pyrite veins and alteration. They commonly have consistent core axis angles, suggesting that they are sheeted. The veins are typically 0.5 to 4 millimetres wide, but are locally up to 30 centimetres thick. Pyrite + chalcopyrite veins are often spatially related to the quartz-pyrite veins/alteration described above: veinlet densities are usually highest in areas of quartz-pyrite-chalcopyrite veining/alteration, commonly >10 per metre, and drop to usually < 5 per metre in areas of quartz - magnetite - hematite veining that are unaffected by late quartz-pyrite veining/alteration. Pyrite ±

chalcopyrite veins locally have narrow alteration envelopes in which Fe-oxides are sulphidized. White, grey and pink (yellow to brown in old core) ?Fe-carbonate veinlets and stringers are locally abundant and cut the pyrite veins. Progressive mineralogic changes from early pink/white quartz > pyrite - chalcopyrite ± carbonate veins, intermediate pyrite + chalcopyrite ± carbonate veins to late carbonate ± pyrite ± chalcopyrite veins suggest that the veins are part of a single, evolving veining event that terminates in the formation of the late carbonate veinlets.

The quartz-pyrite veins/alteration are locally brecciated. Breccias have variable contacts with the surrounding quartz veins that vary from gradational to sharp. They consist of 25 to 70% angular to subround fragments of quartz-pyrite veins, typically 0.2 to 5 centimetres wide, in a matrix of carbonate (usually calcite) + biotite (black and /or green) + chlorite + sericite + pyrite ± chalcopyrite. Breccia fragments locally contain pyrite veinlets that are truncated at the edges of the fragments. This suggests that brecciation postdates or is late during both the quartz-pyrite and pyrite veining events. The late relative timing and abundance of carbonate in the breccia matrix suggests that brecciation occurred during the late carbonate veining event.

A late set of quart veins that is probably Tertiary in age cuts all of the above rock types and veins. The veins occur throughout the Johnny Mountain area and are flat to shallow southeast dipping, lenticular in shape and commonly occur in en echelon arrays. They are generally widely spaced (<1 per metre usually) and commonly fibrous. In drill core they are difficult to distinguish from veins in the Red Bluff porphyry system.

Metal Distribution

Au and Cu grades reflect the distribution of the different vein and alteration types. Areas of quartz-magnetite-hematite veining with sparse or no pyrite-chalcopyrite or quartz-pyrite overprinting typically grade <600 ppm Cu and <0.2 g/t Au (e.g. S1209, 146.5 to 169.2 metres). Highest Cu and Au grades (locally >1,000 ppm Cu and 10 g/t Au) occur in quartz-pyrite-chalcopyrite veins and alteration and in areas of abundant pyrite-chalcopyrite veining both inside the quartz-Fe-oxide stockwork and in adjacent greywacke. Au and Cu grades generally correlate positively and commonly have a linear relationship (Rhys, 1993) suggesting that they were introduced together._In greywacke outside of the stockwork, many quartz-pyrite veins with high Cu and Au grades are subparallel to shallowly oblique to the core axis (e.g. S-1210, multiple veins from 26.2 to 41.1 metres), and are thus steeply dipping.

Geologic summary:

- Quartz-magnetite-hematite veins are the earliest phase of veining in the Red Bluff porphyry system. They form an intense stockwork that is spatially related to the Red Bluff porphyry.

- The quartz-Fe-oxide stockwork and altered sediments on its southwest margin are overprinted by quartz-pyrite +/- chalcopyrite veins/alteration and pyrite + chalcopyrite veinlets that are associated with the highest Au and Cu grades. Where quartz-pyrite assemblages overprint and sulphidize the quartz-Fe-oxide stockwork there is a net loss of Fe from the system. Veins are discrete, with sharp boundaries outside the stockwork in greywacke, but have indistinct alteration boundaries with quartz-Fe-oxide veins within the stockwork.

- The overall sequence from intense early Fe-oxide veining to less intense quartz-pyrite-chalcopyrite veins and finally to pyrite and carbonate stringers corresponds with a progressive decrease in the total amount and intensity of veining through time.

- A 25 to 50 metre wide zone ("transition zone") of K-feldspar + Fe-oxide alteration in greywacke occurs along the western upper periphery of the quartz-magnetite-hematite stockwork and separates the stockwork from biotitic greywacke to the west. Calcite veinlets, common in the biotitic greywacke, become predominantly quartz veinlets in the transition zone.

Core Library:

The core library contains representative samples of vein types, alteration and lithologies from holes 1208-1216. The samples, numbered 1 to 70 are listed with the hole numbers and metres they were collected from in Table 1. The samples are ordered in a sequence that represents a typical walk through a drill hole, from altered sediments along the southwest margin of the porphyry system into the core of the quartz-magnetite-hematite stockwork that characterizes the system.

Samples 1-7 are typical of the biotite+pyrite+sericite±calcite altered siltstone adjacent to (SW of) the porphyry system. Note the foliation defined by biotite and muscovite. Calcite±quartz±pyrite±chlorite veinlets are abundant and are commonly foliation parallel or discordant, and folded by the foliation. Narrow biotite envelopes occur on the margins of some calcite and quartz veinlets (samples 1, 5 and 7). Magnetite is absent and K-feldspar stain is variable, but commonly moderate (samples 4 and 5).

Samples 8-19 are from the "transition zone" adjacent to (25-50m from) the quartz Fe-oxide stockwork. Foliation virtually disappears in this zone, quartz content increases in veins, calcite is no longer a significant vein constituent, and Fe-oxides appear both in quartz veins and disseminated. This area is characterized by intense K-feldspar alteration (samples 15, 17, and 19 are stained) that imparts, with Fe-oxides, a green-grey, mottled texture to the rock. The lack of foliation is probably due to the abundant K-feldspar and the relatively low phyllosilicate content when compared to the previous interval. Fe-oxide content gradually increases as the quartz-magnetite-hematite stockwork is approached. Two main generations of veining are apparent in this zone: early quartz-Fe-oxide veins/veinlets and related Fe-oxide stringers (samples 9-12, 15, 16, 18 and 19) are cut by quartz-pyrite-chalcopyrite veins and veinlets (samples 8-11, 13, 14 and 16). Good crosscutting relationships are in samples 9 and 11. Note the biotite envelopes on some quartz-pyrite veins (samples 13 and 14) and the common pyrite-chalcopyrite stringers that are completely contained within the quartz-pyrite veins and terminate at the vein boundaries (samples 8-10, and 14). Carbonates occur as stringers in the quartz-pyrite veins (samples 9,13, and 14), as late veinlets that occur outside the quartz veins (sample 10) or more rarely, as irregular veinlets associated with the quartz-Fe-oxide assemblage (sample 17).

Samples 20-34 show vein and alteration styles related to the quartz-magnetite-hematite stockwork. Samples 20-27 are typical examples. Note the abundant laminae of Fe-oxides, multiple cross-cutting phases of veining, and the general decrease in Fe-oxide content in younger veins. Quartz > pyrite + chalcopyrite and pyrite veinlets cut the Fe-oxide quartz assemblage (samples 25-27) and Fe-oxides are locally sulphidized in the pyrite vein envelopes (sample 26). Samples 28-34 show the intense alteration of interstitial wallrock in the quartz-magnetite-hematite stockwork. Wallrock is entirely altered to grey-green sericite > magnetite + hematite ± chlorite ± green biotite ± K-feldspar (samples 23, 30-34). K-feldspar is not abundant and is often absent (samples 30, 31, and 34 are stained). A bright green phyllosilicate (samples 28 and 29) predominates locally (possibly sericite, chlorite or green biotite - petrography is needed.) Late carbonate (sample 29) and quartz-pyrite (sample 32) veins cut the quartz-Fe-oxide veins and their alteration assemblage.

Samples 35-42 show quartz-pyrite-chalcopyrite alteration/vein assemblages progressively replacing the textures and mineralogy of quartz-magnetite-hematite veins. Domains of grey, white and pink quartz, here with 5-15% disseminated and veinlet pyrite + chalcopyrite ± brown carbonate preserve relict textures of the quartz + magnetite + hematite assemblage on their margins (samples 38-41). Note the net loss of Fe-bearing minerals from the quartz-magnetite-hematite to the quartz-pyrite-chalcopyrite assemblage. Samples 35, 36, and 37 show sulphidization of the Fe-oxides adjacent to pyrite veinlets, again with an overall loss in Fe content. Sample 42 shows complete replacement of the Fe-oxides, with relict textures of the oxide assemblage remaining.

Samples 43-55 show the textural and mineralogical variation in the areas of white/pink quartz-pyrite-chalcopyrite veining. All of these samples come from veins that generally lack discrete boundaries and usually exhibit replacement textures at their margins with the quartz-Fe-oxide assemblage. Pyrite and chalcopyrite are present in all samples; they are disseminated in veinlets or in irregular anastamosing blebs with sericite, carbonates, (samples 43, 44, 46: ?Fe-carbonate and more rarely calcite), chlorite and green biotite. Specular hematite, K-feldspar (sample 51) and a pink carbonate (sample 55) locally occur as coarse blebs in the quartz-pyrite-chalcopyrite veins. Late ?Fe-carbonate (brown to pink when oxidized in air, grey on fresh surfaces: samples 52-54) veinlets locally cut the quartz-pyrite veins. These latter veins may contain chalcopyrite, pyrite, and/or specular hematite (sample 53).

Samples 56-59 show breccia textures that occur locally in quartz-pyrite-chalcopyrite veins. The breccias have gradational to sharp boundaries with the surrounding veins, and contain brecciated quartz fragments in a matrix of green biotite, chlorite, sericite, carbonate (generally calcite), pyrite, and chalcopyrite. Sample 57 is exception and has a reddish matrix, possibly coloured by fine-grained hematite and /or Fe-carbonates.

Samples 60-63 are from southeast of the Red Bluff cliffs (holes S1213 and S1214) in intense sericite - pyrite + quartz alteration. K-feldspar content is low (samples 60, 61, and 63 are stained). These samples are from well outside the quartz-magnetite-hematite stockwork.

Samples 64 and 65 are of post-mineral mafic dykes that occur locally throughout the area tested by drilling. These are fine-grained, dark grey, commonly magnetic and calcareous. Note the weak foliation developed in sample 65.

Samples 66-70 are of K-feldspar megacrystic porphyry, typical of the Red Bluff. Note the pink K-feldspar megacrysts and the complete pale green-grey sericitization of the smaller plagioclase phenocrysts. Chlorite-biotite-Fe-oxide altered mafic phenocrysts have crystal shapes that suggest they are amphiboles. Samples 67, 69 and 70 are from within the quartz-magnetite-hematite stockwork. Sample 69 is stained and has abundant fine-grained K-feldspar in the matrix. Sample 68 is from a Cominco quarry approximately halfway down the Bronson airstrip (NW side). It is of a K-feldspar megacrystic dyke that is typical of Red Bluff type intrusions in the area.

1995 core logging sheet:

The 1995 core logging sheet is designed to record the abundance and distribution of predominant vein types, minerals and alteration types in relation to Au and Cu grades The following column headings and sections are indicated:

1. Geological Description

From /To: Interval of distinctive lithology, etc.

Description: To include rock type and/or dominant pervasive alteration (e.g. ALT for a highly altered rock of uncertain protolith). The most common lithologies are: (a) K-feldspar megacrystic porphyry; (b) Greywacke and siltstone; (c) Mafic dykes (distinguish foliated from unfoliated, etc.) and (d) alteration. Common pervasive alteration assemblages include: (a) biotite +/- sericite +/- calcite (Snip-type sediments SW of the porphyry system) (b) sericite-pyrite (intense alteration of sediments SE of the porphyry system) (c) K-feldspar +/- Fe-oxides ("Transition zone" adjacent to the quartz-Fe-oxide stockwork in sediments) (d) sericite +/- K-feldspar +/- magnetite +/- ?chlorite (altered wallrock in the quartz-Fe-oxide stockwork). In many highly altered wallrocks within the quartz-Fe-oxide stockwork, only the presence of K-feldspar megacrysts can distinguish between altered porphyry and sedimentary protolith.

2. Graphic Log

Provided to allow sketching of contact relationships, angles between structures, etc.

3. Structure

From/To: Interval over which the structure(s) is developed

Struct: Type of structure, such as foliation (FLTN), fault (FALT), shear zone (SHR), vein (list predominant mineralogy, e.g. quartz-magnetite = QzMag)

TCA: Angle that the structure makes to the core axis, or predominant angles in the case of multiple structures of the same type (e.g. pyrite veinlets).

%TCA: Percentage of structures of a single type that display a common angle to the core axis
(e.g. 60% of pyrite veins are at 50 degrees to the core axis). Two or more orientations may be common in which case a second row could be used.

4. Mineralization:

Columns under mineralization are designed to be recorded with each assay interval so that a direct correlation between assays/analyses and mineralogy and vein types can be made.

Sample #: Number from the tag book (a tag should be stapled into the core box at the beginning of each assay interval.

From/To: Sample interval

Minerals: Contains the following columns:

Py - visual estimate of the total pyrite content in the assay interval
Cpy - visual estimate of the total chalcopyrite content in the assay interval
FeOx - visual estimate of the total magnetite + hematite content in the assay interval
Cal - visual estimate of the total calcite content in the assay interval
Carb - visual estimate of the total carbonate (excluding calcite) content in the interval
Blank column - for extra minerals

Veins: Columns are designed to record the number of veins/veinlets in each assay interval and their total cumulate thickness. Pairs of columns for three common vein/alteration types are shown (pyrite veins, quartz-pyrite veins and carbonate veins). The two columns are as follows: # veins is the total number of veins of one type in the assay interval (e.g. 18 pyrite veinlets); cumulative thickness is the total thickness of veins (thickness of all veins added together) recorded in centimetres. These numbers can later be divided by the thickness of the assay interval to obtain a density of veins per metre and a total % of veins in the interval. Average vein thickness in each interval can be calculated by dividing cumulate thickness by the # veins. For white/pink quartz -pyrite veins/alteration in the quartz-Fe-oxide stockwork which often lack distinct boundaries, measurement of the cumulative thickness is subjective, but important to measure due to the strong influence of these veins/alteration on Au and Cu grades.

One blank column pair under veins is provided. In the quartz-Fe-oxide stockwork, veins are so abundant that it is more practical to measure what is not vein. Thus, I would suggest filling one of these columns with the cumulate thickness of interstitial altered wallrock in each assay interval that is in the stockwork. Other types of veins that could be recorded in these columns are: (a) quartz veins - timing indeterminate (generally in the sediments) (b) calcite veinlets (in the sediments) and (c) breccias and breccia veins.

5. Assays

Au: g/t
Cu: ppm
Ag: ppm
Mo: ppm
One extra column for any new element

Misused or vague terms in previous core logging

Misused or vague core logging terms that have been commonly used in previous Skyline drill logs include the following:

(i) "Sheared", "shearing" or "shear" when foliation is meant. Large volumes of rock on Johnny Mountain are foliated but not "sheared". If the foliation is a discrete and definite shear zone (e.g. rapid increase in foliation intensity; oblique and asymmetric fabrics, etc.), it should be named as such (shear zone) with its foliation angle listed under the structure heading. In addition, the vague term "shear" is commonly applied to gouge-filled faults. If gouge is present its thickness should be noted, and any consistent angle of gouge seams to the core axis. I recommend that such a structure (gouge-filled) be described as a "fault" while a discrete, foliated zone be described as a "shear zone" to avoid confusion.

(ii) The term "flooding" is a vague term that can mean veining or pervasive alteration (e.g. quartz flooding). More definite terminology, such as "intense veining" or "stockwork" could be used to describe veining. Pervasive alteration should be described as such (e.g. pervasive K-feldspar alteration and not K-feldspar flooding).

(iii) The term "fracture fill" is a cumbersome term that means stringers or veinlets. The latter terms are clearer, and shorter.

(iv) Andesite/andesitic, dacite/dacitic are commonly used to describe grey to green fine-grained rocks, including dykes, often based on the vague hint of a crystalline matrix or a green tint to the rock. If the rock can not be identified mineralogically (i.e. grains are clearly visible) a name should be reserved until thin section petrography and/or geochemistry is completed.

(v) Alteration types such as silicification, K-feldspar alteration, sericitization, albitization etc. are commonly assigned to fine grained rocks of varying hardness or colour. For example, hard white or grey altered rocks are commonly called silicified while hard pink altered rocks are commonly called K-feldspar altered. These assignments are usually erroneous. If the alteration mineralogy is too fine-grained to identify while logging core, final identification of alteration type should be made petrographically or by mineral staining (e.g. K-feldspar stain). In addition, if the rock is so altered that protolith is unclear it should be called "altered".

References

Moore, M. (1994): Geologic summary of the Red Bluff area, Bronson Slope project; unpublished company report, International Skyline Gold Corp., 5 pages.

Rhys, D.A. (1995, in press): The Red Bluff Au-Cu Porphyry System and Related Precious and Base Metal Vein Systems, Northwestern British Columbia; Canadian Institute of Mining and Metallurgy, Special Volume 46.

Weekes, S. (1994): Summary report on the spring, 1994, diamond drilling program, Bronson Creek area; unpublished company report, Pamicon Developments Ltd., for International Skyline Gold Corp., 14 pages + drill logs.

Table 1: Samples in the core library:

Sample #	Hole #	Metres
1	S1211	16.9
2	S1211	60.5
3	S1216	50.8
4	S1212	68.0
5	S1212	55.5
6	S1212	88.1
7	S1211	46.2
8	S1211	100.8
9	S1210	44.8
10	S1210	50.0
11	S1210	38.6
12	S1211	112.5
13	S1216	135.0
14	S1211	101.0
15	S1216	119.8
16	S1216	123.0
17a	S1211	91.5
17b	S1211	91.5
18	S1216	131.8
19	S1216	127.6
20	S1216	198.0
21	S1216	187.0
22	S1211	138.2
23	S1216	191.2
24	S1210	92.0
25	S1215	206.9
26	S1216	204.6
27	S1215	146.7
28	S1215	267.7
29	S1215	152.5
30a	S1211	161.4
30b	S1211	161.5
31	S1216	144.8
32	S1216	148.6
33	S1210	109.8
34	S1215	300.6
35	S1215	137.4
36	S1209	101.4
37a	S1215	194.5
37b	S1215	194.6
38	S1216	205.5
39	S1209	105.3
40	S1209	63.3
41	S1209	66.2
42	S1211	139.8
43	S1211	158.3
44	S1210	25.3
45	S1216	137.0
46	S1210	36.0
47	S1216	133.6
48	S1214	19.5
49	S1211	136.7
50	S1216	153.1
51	S1211	98.0
52	S1215	89.7
53	S1211	137.4
54	S1210	67.0
55	S1215	72.1
56	S1209	5.6
57	S1209	45.0
58	S1216	133.2
59	S1211	120.3
60	S1214	61.0
61	S1214	45.4
62	S1213	20.5
63	S1213	20.7
64	S1215	232.7
65	S1216	253.6
66	S1210	33.9
67	S1208	115.0
68	not core	
69	S1216	197.5
70	S1216	196.4

APPENDIX 2

1995 Drill Logs

HOLE 1217

11869.07 NORTH

25366.97 EAST

603.53 m ELEVATION

LENGTH: 423.4 m

Meters		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0	12.2	Casing																											
12.2	23.5	Altered Siltstone: vfg qtz-ser			23.5	Breccia		100	2251		14.3	2.0%																	
		±bi; rock cut by 0.2-0.5cm		19.1	19.2	Fault	60°	100%	2252	14.3	17.4	1.0%																	
		calcite vein (leached out to 14 m)			23.5	Calc vein segm.	05°	60%	2253	17.4	20.9	1.0%			→	3%													
		Subsequently rock appears to have				"	40°	40%	2254	20.4	23.5	3.0%																	
		undergone intense brecciation				Calc-qtz-py	45°	70%													9cm								
		resulting dislocation and fragment-				"	20°	30%																					
		ation of early veins. Fragments range																											
		from 0.2->5.0cm with angular to																											
		subrounded margins. Matrix of																											
		breccia comprises biotite + pyrite																											
		Calcite-qtz-py ± chlorite ± biotite																											
		veins 0.5-1.0cm are later.																											
		General elongation of bx frags																											
		at 20°/CA.																											
23.5	26.9	Altered Siltstone: vfg chl-bi-ser		23.5	25.7	Calcite veins	60°	80%	2255	23.5	26.9	3%										31	15cm						
		hornfelsed? appearance. Segmented				"	65°	20%																					
		calcite veins prominent 0.3-1.0cm.		23.5	26.9	weak slatey clv.	85°																						
		Dark green-blk colour of rock				Calc-qtz-py	05°													1									
		masks any obvious brecciation					85°													1	2.5cm								
		Fine <0.5mm subhedral py occurs on					50°													1									
		reticulate fractures and as		25.7	25.9	Breccia																							
		disseminations		25.9	26.2	Broken																							
				26.2	26.3	Fault	45°																						
		Water course at 26m with 0.4m																											
		bleached margins - lm · Fecarbonates																											
26.9	36.8	Altered Siltstone brecciated		26.9	36.8	Calcite ± qtz (early)	70°	70%	2256	26.9	29.3	3%		<1%	–	5%													
		appearence with frags bounded		26.9	36.8	py-biotite vs	45°	35%	2257	29.3	32.6	3%		<1%	→	5%													
		by somewhat reticulate biotite-pyrite				"	80°	35%	2258	32.6	35.7	3%		<1%	→	5%													
		stringers <0.5mm. which cut across		26.9	29.3	calcite qtz ±py ± magn.	35°		2259	35.7	38.7	3%		<1%	→	7%				5	10cm								
		segmented calcite ± qtz veins (early)		26.9	36.8	weak slatey cleavage	80°	90%																					

												MINERALIZATION																	
		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
26.9	36.8	(cont.) - Qtz-calc ± chl - py ± magn.																											
		veins crosscut biot-py stringers																											
		Magnetite in vein at 29.1m.																											
		A set of late 1mm qtz-carb.																											
		stringers with a carbonate rich																											
		bleached alteration envelope																											
		cuts all mineralization and																											
		structure between 31.4 and																											
		32.6m																											
		At 35.5m 1cm calcite vein																											
		20°CA with sericite. Biotite > py > magn.																											
		margins; tr cp in wall.																											
		Rock frags (boudins?) steadily more																											
		sericitic with biotite > pyrite > magn.																											
		reticulate margins.																											
		36.0m - 3mm biotite > py > magn																											
		stringer 0°CA crenulated normal																											
		to cleavage of 75°CA																											
36.8	41.9	Altered Siltstone: slatey cleavage		36.8	41.0	slatey clv.	75°	80%	2260	38.7	41.0	5%		tr								5%							
		[illegible] prominent at 75CA.		37.8		Fault	75°																						
		Fault at 37.8m - 10cm sericitic gauge		38.7	38.75	qtz-calc	80°	100									Sph							Pink Qtz-Calc-Chl					
		parallel cleavage. Crenulated banding		41.0	41.9	Pinkish qtz-calc-chl	80°		2261	41.0	41.9	1%	tr	tr			tr.								60cm				
		normal to cleavage. Reticulate pyrite >																											
		biotite > magnetite vein parallel																											
		crenulations and cleavage. Carbonate-																											
		quartz veins segmented and folded																											
		by cleavage. 36.9m - 1.0cm pinkish qtz-calc.																											
		v. at 75°CA. 41-41.9 pinkish qtz-calc-chl	±Ser																										
		vein containing 30% horsts. Cp+Sph																											
		prominent in 3cm pyritic vein at 35°ca																											
		adjacent to horst at 41.15m (sphalerite																											
		yellow to orange) 41.85 cp on horst																											
		margin																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		(Pink) qtz-carb -chl		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeO+	Cal	Fe Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
41.9		Altered Siltstone: rock becoming		41.9	53.4	Cleavage (Foliation)	70-80°	95°	2262	41.9	44.8	3%		tr	5%									13	15 cm				
		more schistose with development		44.3	44.35	Fault cuts foliation	65°		2263	44.8	47.8	3%	tr	tr	5%									6	5cm				
		of strong foliation at 80°CA; sericite>		41.9	44.8	Pink qtz-calc -chl V.	70°	80°	2264	47.8	50.9	3%	tr	tr	5%							40	20cm						
		chlorite; py disseminated and with		41.9	53.4	calcite	70-80°	90°																					
		biotite on rims of boudinaned rock		•	"	"	10-20°	10°																					
		fragments. Early calcite ± qtz veins																											
		Segmented by cleavage.																											
		50.6 - 50.8 water course - dissolved																											
		calcite veins																											
																	Mo sp												
		51.5 minor fold - axis 85°CA		50.9	53.9	Pink qtz carb			2265	50.9	53.9	5%	tr	tr	8%	tr	tr tr					68	40cm	6	15cm				
		51.7 10cm Qtz-calc-chl at 85°CA -																											
		tr cp, sp with pyrite on margins.																											
		52.6 - 52.8 15% py at 60°CA parallel																											
		cleavage																											
		53.8 5cm qtz+calcite - tr cp, mo, sp																											
		on margins																											
																	sp												
		53.9-57 Well sericitized rock with cleavage		53.7	57.0	qtz-calc ± py veins	65°	80%	2266	53.7	57.0	7%	tr	tr	10%		tr.												
		/ foliation at 85° CA. Much of the				"	85°	20%																					
		fragmental (boudinage) texture masked																											
		by alteration. Older carbonate veins																											
		nearly all subparal foliation; later qtz-carb																											
		veins subparallel or when at an																											
		acute angle to CA these are folded																											
		about cleavage. Pyrite ± cp, sp, magn																											
		generally subparallel to cleavage.																											
		Carbonate in veins from 55.5 - 56.8																											
		leached out causing rock to fragment																											
		along veins leaving a sericite clay																											
		selvage. 56.8 - 57.0 pink quartz-calcite-																											
		chlorite vein - tr cp, py, magnetite																											
		rimming contained lithic remnants.																											
		1cm pyritic band at 85°CA. Rock deformation																											
		limits differentiation of earlier carbonate and																											

quartz-carbonate veins

FROM	TO	GEOLOGIC DESCRIPTION	GRAPHIC LOG	STRUCTURE FROM	STRUCTURE TO	STRUCTURE TYPE	STRUCTURE TCA	STRUCTURE %TCA	SAMPLES SAMPLE NUMBER	SAMPLES FROM	SAMPLES TO	MINERALIZATION MINERALS Py	Cpy	FeOx	Cal	Carb		VEINS PYRITE No. Vein	PYRITE Cum thk	Qz-Py No. Vein	Qz-Py Cum thk	CARB No. Vein	CARB Cum thk	No. Vein	Cum thk	ASSAYS Au	Cu	Ag	Mo
57.0	61.5	Strong foliation at 45°CA in bleached (?) core.) Altered? Sericite; veinin; segmented and rotated parallel foliation. Foliation defined by stringers of py-bi-ser. Occasional 0.5cm Calc ± py mgn, qtz veinlet // fol^n. Rock has general mylonitized appearance		57.0	60.5	fol^n	45°		2267	57.0	60.0	3%	tr	tr		10%							10%						
60.5	61.6	As Above; Occasional 0.5cm calc ± py mgn at 70°/30°; trace epidote! Blocky ground ↓		60.5	61.6	fol^n	70°		2268	60.0	61.6	3%	tr	tr		10%						>40	10%						
61.6	63.1	Strong schistosity at 80°CA. Carbonate veins rotated parallel. Dramatic increase in py. Rotated carbonate veins heavily leached → vuggy. Strong chlorite - Carbonate chlorite schist? - carbonate veins ~0.3cm upto 50% qtz - contain minor py+Mo. Epidote finely dispersed - alter feldspar? Most cleavage breaks show slickensides with 30° pitch (SW?) S= + mgn polished.				schistosity (cleavage) slickensides	80° 30° pitch		2269	61.6	63.1	6%	1%	15%		20%							20%						
				63.1	66.1	schistosity	80°		2270	63.1	66.1	5%	1%	8%		20%							20%						
63.1	66.1	As above. Occasional biotite enhanced drag fold w ax/cl parallel schistocity																											
66.1	69.2	As above - core loss due to fault in section? -12 qtz sen ± py cp towards end of run. Chlorite decreasing -tr. tetrahedrite in qtz w cp		66.1	69.2	core loss fault?	?		2271	66.1	69.2	2%	0.5%	3%		7%													

MINERALIZATION

				STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
69.2	72.2	As above: less chloritic and				carb qtz chl ±ser py cp	70°	60%	2272	69.2	72.2	2%	0.5	2%	→	10.						?	10%						
		slightly more hornfelsic. py+cp					+45°	40%																					
		with whisps of biotite followed																											
		by calc-qtz-ser ±chl, py cp																											
72.2	75.3	As above: rock still badly				cleavage	70°		2273	72.2	75.3	5%	0.5	5%	→	10%						?	10%						
		broken. Qtz-calc veins dominant.				calcite qtz	75°	80%																					
		veins 0.2-0.5cm often segmented					35°	20%																					
		by cleavage. Py-cp diss on cleavage																											
		planes and ē Qtz calc.																											
									2274	75.3	783									(+chl,	cak)								
75.3	78.3	Alt'd Sed.: similar to above		75.3	78.3	S° fol"	45°					4%	0.4%	1%		3%				21	8cm								
		but more cohesive (gradual				qtz cal chl ±py cp	35°	40																					
		change). Hornfelsic appearance.					70°	60																					
		Structural deformaty of oris.		78m		3cm qtz calc chl	15°																						
		seds barely discernable																											
		-py-cp diss and in whisp assoc.																											
		ē biotite (Kalt'n) and often																											
		fol^d @ 45°																											
																				"	"								
		As above				qtz carb chl	45	30	2275	78.3	81.4	4%	0.4%	1%		1%				20	8cm								
							60	50																					
							85	20																					
																						± qtz							
		As above. slightly bleached. chloritic		83.7		10cm mylonitized	85°		2276	81.4	84.4	5%	1.0%	1%		3%				9	6cm	}	3cm						
		very weak. Sediment deformation structures				S= ±ser, chl																							
		more apparent - bx^c, lithic + vein				cleavage	85°																						
		cleavage wedges. 0.5cm qtz ser chl +S=																											
		indicate splayed texture 45°/60°/70°CA																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
84.4	87.5	as above. - py-cp in several		84.4	10cm	Sheared bx	45°		2277	84.9	87.5	5%	0.8	1	1			2	2cm	6	10.		3.0						
		diffused bands @ 80 thru felsic				CP-PY	60°																						
		- bleached near S= bands.				Cleavage (Veinlets)	50°																						
				84.11	87.5	Fol^n	60°																						
87.5	90.5	as above				calc.	70°	65	2278	87.5	90.5	2%	0.5	0.	1					6	27		3.0						
							0°	15																					
							45°	20																					
90.5	93.6																												
		as above.				Qtz py	70°	30	2279	90.5	93.6	2.0	1.0	0.1	2					18	22		2.0						
						"	45°	50																					
						"	15°	20																					
93.6	96.6	as above.				Qtz py	65	40	2280	93.6	96.6	2.0	0.5	0.1	4					18	25	14	8.5						
							45	50																					
							0	10																					
96.6	99.7	As above late hairline qtz carb				Qtz-py	60	40	2281	96.6	99.7	1.5	0.2	1.0	2					12	14.5		1.5						
		± 10° CA					45	40																					
99.7	102.7	As above, broken - v.fine py-cp				Qtz-py	0	35	2282	99.7	102.7	3.0	0.5	tr	5					3	1.5	25	10						
		disseminated and on micro fract,				"	45	65																					
		often weakly foliated																											
		As above, segmented and				Qtz py	60	25	2283	102.7	104.4	3.0	0.2	tr	5					8	10		2						
		hairline calcite veining				"	40	50																					
						"	5	25																					
104.4	105.4	Brecciated Qtz-py vein.				FLTN in Qtz Bx	60-65°		2284	104.4	105.4	8	.01	tr	15									Bx Qtz	20%				
		0.2 - 3cm lithic qtz clasts in foliated																								Note: disrupted late carbonate veining			
		matrix of chlorite, ser carb py;																											
		mylonitic in part; clast rotation + augen.																											
105.4		Hornfels: as above.							2285	105.4	107.7	2	<0.1	tr.	4					15	21.	5	1.5						

												MINERALIZATION														ASSAYS			
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB							
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au TBX	Cu SBX	Ag GH ✓	Mo
																								wht	qtz				
107.4	109.1	Qtz stockwork : Alt^{d} Sed		107.4	109.1	Qtz py cp	60	40	2286	107.7	110.2	2	0.2	5	4				18	65				2	1	45	5	50	
		protoliths				"	40	40																					
		109.0 30cm Qtz ±chl py cp @ 60°CA				•	15	20										3	1										
		ser, ±S$^{=}$ network veinlets in qtz.				wht qtz	45																						
		Pink silicate Kspar? late py±cp				Py±cp	80°	85										?	2										
							0°	15																					
		Transition Zone: Positive Kspar				Qtz py chl	30	20	2287	110.2	111.5	3	.1	8	4	<1		?	1.5	12	15					25	60	15	
		test on groundmass of Inter. protolith.				+cp	40	50																					
							65	30																					
111.5	114.0	Qtz-py Vein: strong, rose				Qtz v.	35°		2288	111.5	114.0	2	.1	4	2											5		95	
		Kspar alteration low S$^{=}$ generally																											
		rimming protoliths and in																											
		network ser-chl veins. Strong mgn																											
		rimming protoliths.																											
																													(Gm Qhl
114.0	115.7	Qtz Feox Stockwork Zone.				Hairline py cp	45		2289	114.0	115.7	2	.1	6	3			?	1									25	16
		moderate to strong Fe ox replacement																											
		of protoliths. strong chl alt^{n}																											
		Grey qtz - pinkish - Kspar																											
115.7	117.9	As above.: Calcite leached from				NW py cp sec.	90	10	2290	115.7	117.9	3	.2	5	4			3	1				2					40	14
		minor calc-qtz S$^{=}$ veinlets causing					±65-75	50																					
		blocky frags.					45	25																					
							0±5	5																					
						py±cp	45																						
117.9	119.9	As above: wk NW py-cp veinlets				Grey Qtz	45	80	2291	117.9	119.9	2	.1	6	4			2	2				2					50	13
		in wider qtz veins ie 118.0-118.6;				Py-cp	45°	100																					
		ser-calc alteration of protoliths																											
		late calc-S$^{=}$ veinlets @ 60° partially																											
		leached.																											

MINERALIZATION

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IBx	Cu SBx	Ag	~~Mo~~ Gm.
119.2	122.2	Sheeted Qtz-py ± cp				Grey Qtz			2292	119.9	122.2	60	0.8	8	6	1				3	60							40	15
		119.2 - 120.3 semi massive py in middle		119.9	120.3	FLTN	45-50																						
		cp-py network veins; 1cm Hem cemented Bx - HW. @ 45°		121.1	121.4	Qtz py	45																						
		121.1 - 121.4 wk S= - FW 1cm		121.9	122.0	Qtz cp py	45°																						
		hematite cemented Bx @ 45°																											
		121.9 - 122.0 3cm semimassive																											
		cp + py																											
122.2	124.0	Grey qtz v cut through moderately				Grey Qtz	30°	20	2293	122.2	124.0	1.0	0.1	8	8	1												20	22?
		alt'd fs rock (ser + calc) imparting					±40°	50																					
		Fe ox as rims on bx frags and					60°	20																					
		as minute veinlets and dissn				hairline py-cp+	±60°	60																					
		within the frags. Weakly developed																											
		py-cp veinlets ± ser, qtz, carb cut																											
		both grey qtz and bx frags with																											
		S= deposited primarily in grey qtz v.																											
		Protoliths may be chilled margin																											
		of intrusion as matrix equigranular																											
		and most magnetite replacement																											
		is irregular except along walls																											
		of grey qtz veins. Protoliths show																											
		no fabric to indicate deformed																											
		sediment origin.																											
		As above				Grey Qtz	70°	60	2294	124.0	127.1	1.0	0.1	6	5	1										45	5	55	23.14
							35°	25																					
		125.15 - Slickensided S= on				hairline py-cp	65-70	80																					
		late calcite qtz S= veinlet @ 75° CA				"	±30	10																					
		→ pitch 20°/70°; some protoliths				late calc ± qtz S=	65	75°																					
		'horn felsic'?																											
127.1	130.1	As above. v weak S= veinlets				grey qtz	55°	60°	2295	127.1	130.1	1.0	0.1	8	5	2										40	10	50	24.11
		Minor late cream carbonate w																											
		qtz + cp-py in 1cm veinlet																											
		at 45°CA																											
		128.8 Ser-py bond FLTN @ 65°CA																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
130.1	133.2	Qtz Feox stockwork: Protoliths calcite				Grey Qtz	45/50	65	2296	130.1	133.2	<1.0	<0.1	8	5	4										25		75	<28
		sericite chl mgn, Cream to brownish				Carb ± cp-py	80	25																					
		carbonate in a network of micro-					50	50																					
		fractures (Fe carb?); minor cp-py					30	15																					
		in late carbonate					0	10																					
133.2	136.2	As above moderate to strong				Grey qtz	45/50	75	2297	133.2	136.2	3.0	0.5	8	5	2										40		60	<23
		network cp-py ± carb, ser chl qtz					70	15																					
		concentrated in more massive grey				carb ± cp-py	70/50/30	75																					
		veins - splayed. 2 x 1cm wht. qtz 45°				py cp	75											1	0.5										
																								white qtz					
136.2	139.3	As above: Qtz-Feox replacement				Grey Qtz	±30	60	2298	136.1	139.3	0.7	0.6	10	1	4		2	2					3	3			80	
		more intense with wide silica rich				Network cp-py ± qtz carb	40/60	60																					
		bands acquiring a pinkish tone.				wht qtz +Fe carb	50-55	75																					
		Network late Fe carb ± 20°				Py	70,30																						
139.3	142.3	As above:				MGN FLTN	30-45	80	2299	139.3	142.3	0.5	0.5	7	1	4										25		75	
		140.4 to 140.55 - 3 x 1cm carb				Network cp-py ± carb	±35°	50																					
		cemented qtz bx @ 50° sub ∥					60	25																					
		Mgn FLTN					80	25																					
		140.7 green phyllosilicate becoming				Late Fe carb ± [illegible]	10	40																					
		prominent in protoliths. Mod late					30	3																					
		Fe-carb veining					±45	35																					
142.3	145.4	As Above: Protoliths 85% replaced				MGN FLTN	50-60	65	2300	142.3	145.4	1.0	0.5	10	1	2										?	?	55	21
		by qtz - little evidence of the				cp-py ± qtz-calc	± 40-45																						
		sericite altn envelopes as in 1218					60																						
		late cp-py qtz, ser, calc, often at																											
		45° near normal to general Mgn FLTN																											
		Although some of the grey qtz veins contain																											
		patches and seams of cp-py in sericite																											
		(ie Qtz py veins), the S= appear to be																											
		more closely related to later fractures																											
		(ie intersections, open spaces etc) or																											

a later white qtz. Green phyllosilicate
140 - 143

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		Wt Qtz		ASSAYS				
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo	
145.4	148.4	As Above: 145.4 - slickenside 5°				grey Qtz	50-55	60	2301	145.4	148.4	<1.0	<0.1	20	2	<1		3	4					3	2	?		70	25	9:
		on 65° cp-py-mgn-qtz chl calc -70°					85	20																						
		pitch left (Normal). Pinkish tinge				Late cp py ser	65-90	70																						
		to grey qtz, tr ser on margins				cp-py	55	100																						
		145.1 - 3cm qtz bx cemented																												
		by cp±py, mgn ser chl? @ 50° - cuts																												
		70° grey qtz. Wk late 5° ser veinlets																												
148.4	151.5	Granitic texture of protoliths more				grey qtz	75	30	2302	148.4	151.5	<0.5	<0.1	12	2	<1												60	42	13(
		apparent as pervasive sil^n					65	50																						
		lessens - 0.5-1cm feldspars-ser/calc.					30	20																						
		Few hairline qtz-calc cp mgn py					±10	10																						
		149.6 - 1cm qtz - coarse calc				hairline cp.mgn.py	60°	30																						
		with vug containing spec hem.																												
151.5	154.5	As Above: cp-py min^0 mainly				Grey Qtz	45	35	2303	151.5	154.5	1.0	0.3	8	2	<1		1	0.5							>25		65	15	15(
		on hairline fractures; 1×0.5cm					70	45																						
		py @ 60°CA					10	20																						
						cp py ± ser hem	45-55	60																						
							±20	20																						
154.5	157.6	As Above: ≈ wk ser.-qtz alt^n env.				grey qtz	±45°	65	2304	154.5	157.6	1.5	0.5	10	2	<1										>25		<65	9	180
		developing adj to grey qtz veins					65°	20																						
		cp-py ± ser qtz concentrating mainly				cp-py?	±55-60	35																						
		in qtz v and alt^b envelopes (95/3.1m)					45	50																						
		- grey qtz in part milky white -					±10	10																						
		diffused distribution and zoning.																												
		- green phylosilicate in protoliths and																												
		as vein @ 157.0 - 30° across qtz vns.																												
157.6	160.6	Grey to milky qtz. cp-py veinlets				cp-py ± ser qtz ok	50-60	60	2305	157.6	160.6	1.0	0.5	10	2	<1		1	0.5							>20		<80		
		in and adjacent to qtz veins					75	5																						
		- green phylosil. generally as																												
		replacement in protoliths																												

												MINERALIZATION																	
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IBx	Cu SBX	Ag Qtz ?	Mo
160.6	163.6	Grey to milky white qtz veins and replacement of protoliths by qtz appears as an event. While pyrite veins and veinlets ± cp and assoc irregular sericitic envelopes show preference to more massive qtz (ie veins), they also occur cutting across protoliths whether completely or partially altered. -green phylosilicate. Hairline carb ± hem S= stringers oxidized. 161.9 - 1cm vein green phylosil c̄ Py @ 65°				Pyrite ± cp	70°	40	2306	160.6	163.7	1.5	0.2	15	1	1		9	5							5		75	
							45/50	40																					
					163.5	MGN FLTN	45																						
163.6	165.2	As above. - irregular network of fine carb mgn ± S= veinlets proximal to following dyke.				Pyrite	65	80	2307	163.7	165.2	2.0	0.1	15	1	2		5	.5							3		80	
						Carb, mgn py	80°	40																					
							45	40																					
							±10	10																					
165.2	166.7	Fg Grey Green Dyke: Chilled HW foliated at 45° // contact. 10% diss Feox in matrix of calcite, sericite + ?; Cut by Mgn - Fe carb veinlet 40°CA.																											
166.7	170.6	Qtz Feox Stockwork irregular carb-py-cp ± ser veinlets throughout w/ concentration in 10 cm qtz veins at 167.5 and 170.3. Calc + carb partially leached and cp has soft sooty coatings - chalcocite?				Pyrite	65		2308	166.7	170.6	2.0	1.0	15	2	3		1	0.2									75	
						qtz V	75																						
																												8	

				STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		white Qtz		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IBX	Cu SBx	Ag Gb %	Mo Gr.
170.6	173.1	Dyke: fg as above, wk FLTN @45°CA; HW contact 35°; FV 25° - slickensides				FLTN	45															3	0.5						
173.1	175.9	Quartz-Feox Stockwork. Grey-white qtz veining with pervasive silica ± sericite and Feox replacement of protoliths (Intr.?) cut by cp-py+Ser ± carb micro veinlets; thence by an irregular network of carb ± py, cp veinlets often appearing to coat cp with magnetite? (replacement) where cp-py+ser ± carb veinlets concentrate the development of a sericitic envelope more pronounced. Late carb altn rims and invades altd protoliths.				Py wht Grey Qtz + mon carb ± py cp	50 45/55 30-60	 50° 50	2309	173.1	175.9	2.0	0.3	12		4		1	1									80	
175.9	178.9	As Above: with weaker S= veinletting; 177.1 elongate vug @ 45° in 0.3cm very late weakly cockcomb qtz - spec vein. Occassional protolith ~100% replaced by FeOx; 178.8 - 0.4cm py				wht Qtz ± spec. py	60 40 60	75 25	2310	175.9	178.9	<1.0	<0.1	15		2		1	0.4					22	16			>75	
178.9	182.0	As Above				Grey wht qtz white qtz carb ±	45-50 50 0-40	60 80 60	2311	178.9	182.0	1.0	0.2	>15		4		1	1.0					10	9			>75	>15 s
182.0	185.0	As Above. 183.3 - 184.0 - stringer zone py-cp some dissn, blobs cp				Py Grey white Qtz white Qtz	60 40-50 50-55	50 50 100	2312	182.0	185.0	1.5	0.2	15		3		4	2					3	8	15		>60	6 3

											MINERALIZATION																	
		GEOLOGIC DESCRIPTION	STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		wht Qtz		ASSAYS			
FROM	TO		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
185.0	188.0	As above: minor py stringers			MGW FLTN	30°	40	2313	185.0	188.0	<1.0	<0.1	20		1		1	0.5			1	1					75	
		@ 30°; late carbonate stringers				55°	40																					
		partially leached - carb replacing			Carb.	25/45	60																					
		components of protoliths. Minor			Late Qtz Carb spec.	45																						
		chlorite w/ py stringers. Late open																										
		fractures in chl, spec.			py stringers	53-60	70																					
																									10		65	>10>4
188.0	190.0	As Above: Carbonate stringers			py qtz carb stringers	30		2314	188.0	190.0	1.0	0.1	20		3								1	1				
		with chl + spec.				40																						
					Late Carbonate	10	25																					
						45	50																					
190.0	190.6	Qtz pyrite vein: v.f.g. py in			pyrite banding	30°		2315	190.0	190.6	12	0.1	1		<1				1	60							80	
		semi massive bands with trace																										
		hematite. Although noted as Qtz-py vein																										
190.6	194.2	Qtz FeOx Stockwork: As above			cp-py carb	10°/50	50	2316	190.6	194.2	2.0	0.5	15		4								8	5			70	
		Grey qtz running sub parallel			Carb-Spec.	40	30																					
		to core ie <30° with assoc. network																										
		of carb cp-py stringers. Stringers not																										
		confined to qtz. Late carb ± spec																										
		@ 40° and fill late 'crackle' fractures.																										
		sub parallel to core.																										
194.2	196.3	As above: py cp stringers and			Grey Qtz	10°		2317	194.2	196.3	3.0	0.5	15		4												80	
		patches cut by py-cp carbonate				30°																						
		veinlets. Appears to carbonate			py-cp-carb	5°	40																					
		sulphide cemented breccia. Chlorite				45°	35																					
		present.				70°	70																					
196.3	197.3	Qtz Breccia: carbonate-$S^{=}$			Brecciation	30	60	2318	196.3	197.3	5.0	1.5	3		10												75	
		cemented with sericitic alt°			Carb py cp																							
		envelope. $S^{=}$ banding, carbonate	197.0	197.2	Carb $S^{=}$ Fill Bx	30°																						
		veining and brecciation 30°CA																										
		cp in 0.5 cm seams and blebs.																										

Leaching of carbonates.

Hole No. [illegible]

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		whh qtz		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au 18X	Cu 58X	Ag Qtz	Mo Gr.4
197.3	199.3	Quartz-FeOx Stockwork: cut by qtz py chl ± cp stringers and a network of late carbonate. Several vugs from leached carbonate.				Py veinlets carb ± qz	40 60 ±10 ± 45° 90	40 40 10 50 30	2319	197.3	199.3	4	0.6	12		4		2	1.0									75	
199.3	202.1	Qtz Breccia: 2 bands of brecciated grey qtz vein + qtz-ser envelope assemblage separated by 0.4 m less alt'd core. Strong py + cp ± chl, ser as diffused bands and networks of veinlets and stringers. Mid section low S=, strong chl alt^n of protoliths. 200.5 strong leaching of carbonate from 20° veinlets (vuggy). - Zone may qualify as Qtz-py vein?		 201	 1.5cm	cp-py-chl network py ± cp veinlets late carbonate carb. replacing br. frag -w py	50/45 30-45 ± 20° 20°	70 60 50	2320	199.3	202.1	7	1.5	4		4		8	7	2	2.4							80	
202.1	203.3	Qtz vein: similar to above with wall rock on HW + FW = 60 cm. Patches cp + py in middle of vein. Chl. in py and in protoliths				FW. MGN FLTN py-cp-MGN stringers	45° 30°		2321	202.1	203.3	2	0.3	6		2				1	60							80	
203.3	205.4	Qtz-FeOx Stockwork: broken core minor py-cp stringers and carb-py stringers. Chl in protoliths.				Grey Qtz carb-qtz-py	70° 40 80° 45	20 50	2322	203.3	205.4	1.5	0.1	12		4												80	
205.4	206.3	Qtz Breccia: crushed appearance - Network of late carbonate stringers -				py ± cp stringers	30-70°		2323	205.4	206.3	3.0	1.5	2		8						1	1					90	
206.3	209.4	Qtz Breccia: crushed appearance. Carbonate/calcite leached; covellite tarnish on cp. *50% recovery Fault?				py vein py-cp-chl stringers general fracturing	45 45 40	100 70 70	2324	206.3	209.4	3.0	1.0	2		5		2	4									85	

		GEOLOGIC DESCRIPTION				STRUCTURE			SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Pink Qz-Py		CARB		Wht Qtz		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IBx	Cu SBx	Ag Qtz	Mo Gr
209.4	212.4	Qtz Breccia: Badly broken core.				PY veins	70°	68	2325	209.4	212.4	7	0.8	3		5		6	6									90	
		py-cp as stringers and diss^{d}. Vuggy				PY CP carb stringers	80°	60																				
		fractures - carbonate leached? /					20°	30																				
				210.8		Carb filled shear	75°																					
212.4	215.5	As above: crushed appearance. Stk				whiteqtz	30°		2326	212.4	215.5	6	0.6	10		7								4	3			75	
		Network of carb + py cp stringers				carb py-cp	45	30																				
		at 45-60°, 05°. Much of cp tarnished					60	50																				
		or with black sooty coating. Mixed					05	20																				
		with Quartz-FeOx rock																										
215.5	217.9	Quartz - FeOx Stockwork: fracts controlled by				cp py veinlets	45°	50	2327	215.5	217.9	5	1.0	4		4				1	100							80	
		hairline carb-py-cp stringers				carb py cp stringers	±5°	50																				
		subparallel to core - open spaced					60°																					
		216.3 - 217.3 Quartz vein with																										
		cp-py stringers subparallel core - open																										
		and at 60° - blebs of cp; spec hem																										
		+ py on late parallel fracture.																										
217.9	218.5	Fault: no core.																										
218.5	221.6	Qtz-FeOx Stockwork: broken core				py cp stringer	50		2328	218.5	221.6	20	0.1	12		8												>60	
(20%	Recov.)	hem >> magn.																										
221.6	224.6	As above: 15 S$^{=}$ (py>>cp) in		221.6	221.9	Qtz V.Bx			2329	221.6	224.6	4	0.5	12		5		3	3									60	
		Qtz bx.; protoliths replaced by				py cp stringer	40																					
		mgn, chl, carb; Rock tends to					60																					
		fracture parallel to core.				py veins	30/45																					
						carb ± py cp	25/50	50																				
						Early Qtz	45°																					
224.6		SILICIFIED QUARTZ IRON		224.6	227.0	Pink Qtz Py STGR	0	10	2330	224.6	227.0	0.6	Tr	10	0	0.1		0	-	15	87	0	-	10	13.5				
		OXIDE BRECCIA as above					30	50																				
							50	40																				
						Wht. Qtz Py STGR	50	100																				

									MINERALIZATION																				
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		wQPy		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
224.6		(Con't'd) SILICIFIED QUARTZ		227.0	230.0	Pnk Qtz Py STGR	50	100	2331	227.0	230.0	0.2	Tr	10	0	Tr		0	-	8	13	0	-	9	17				
		IRON OXIDE BRECCIA				wQPy STGR	20	30																					
						"	50	35																					
						"	70	35																					
				230.0	233.0	PQPy STGR	20	45	2332	230.0	233.0	0.6	Tr	10	0	0.2		0	-	11	41	0	-	5	16				
						"	50	45																					
						"	70	10																					
						wQPy STGR	50	60																					
						"	70	40																					
				233.0	236.0	PQPy STGR	20	10	2333	233.0	236.0	0.4	Tr	10	0	0.15		0	-	7	20	0	-	0	-				
						"	50	10																					
						"	70	80																					
		Bull qtz. vein included ——→		234.8	235.2	VEIN QTZ	20/20																						
		shows PQPy replacement at																											
		margins																											
		@238.9m: speck of electrum in		236.0	239.0	PQPy STGR	20	10	2334	236.0	239.0	0.4	Tr	10	0	0.1		0	-	9	40	0	-	0	-				
		1.0mm Cpy STGR at 70° ca in				"	50	80																					
		zone of PQPy replacement				"	70	10																					
				239.0	242.0	PQPy STGR	50	90	2335	239.0	242.0	0.4	Tr	10	0	0.3		0	-	8	12	0	-	3	4				
		@239.7: gradual onset of non-				"	70	10																					
		replaced country rock frag-				wQPy STGR	50	35																					
		ments.				"	70	65																					
		@242.3-242.4m: VNLT QTZ CAR Py 90°		242.0	245.0	PQPy STGR	50	75	2336	242.0	245.0	1.0	Tr	10	0	1.3		0	-	4	9	0	-	0	-				
						"	70	25																					
				245.0	248.0	PQPy STGR	20	50	2337	245.0	248.0	0.8	Tr	10	0	0.5		0	-	4	13	0	-	0	-				
						"	50	50																					
		@249.6m: return of total FeOx		248.0	251.0	PQPy STGR	20	100	2338	248.0	251.0	0.4	Tr	10	0	0.3		0	-	2	19	0	-	1	1				
		replacement of country				wQPy STGR	70	100																					
		rock fragments																											

																		MINERALIZATION											
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		whit Qz-Py		ASSAYS			
FROM	TO		GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
224.6		(cont'd)SILICIFIED QUARTZ		251.0	254.0	PQPy STGR	20	25	2339	251.0	254.0	0.6	Tr	10	0	0.3		0	-	4	18	0	-	0	-				
		IRON OXIDE BRECCIA				"	50	75																					
				254.0	257.0	PQPy STGR	20	25	2340	254.0	257.0	0.8	Tr	10	0	0.3		0	-	8	28	0	-	3	7				
						"	50	75																					
						WQPy STGR	50	35																					
						"	70	65																					
				257.0	260.0	PQPy STGR	50	65	2341	257.0	260.0	3.0	Tr	10	0	0.2		1	4	6	12	0	-	2	4				
						"	70	35																					
						WQPy STGR	50	50																					
						"	70	50																					
						Py STGR	70	100																					
				260.0	263.0	PQPy	20	65	2342	260.0	263.0	0.4	Tr	10	0	0.2		0	-	3	55	0	-	1	1				
						"	50	35																					
						WQPy	5	100																					
				263.0	266.0	PQPy	70	100	2343	263.0	266.0	0.6	0.2	10	0	0.2		0	-	1	19	0	-	3	31				
						WQPy	50	35																					
						"	70	65																					
				266.0	269.0	PQPy	20	15	2344	266.0	269.0	0.8	0.2	10	0	0.2		0	-	6	97	0	-	8	28				
						"	50	70																					
						"	70	15																					
						WQPy	50	25																					
						"	70	75																					
				269.0	272.0	PQPy	20	15	2345	269.0	272.0	0.8	Tr	10	0	0.2		0	-	9	60	0	-	7	34				
						"	50	60																					
						"	70	25																					
						WQPy	50	40																					
							70	60																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Pink Qz-Py		CARB		Whte Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
224.6		cont'd) SILICIFIED QUARTZ		302.0	305.0	PQPy	50	60	2356	302.0	305.0	0.7	Tr	10	0	Tr		0	–	5	20	0	–	1	2				
		IRON OXIDE BRECCIA.				"	70	40																					
						WQPy	50	100																					
		0.4m coreloss; no obvious angle.		302.7	303.1	FAULT	?																						
		rock after fault is not totally																											
		replaced with quartz																											
				305.0	308.0	PQPy	50	50	2357	305.0	308.0	0.4	Tr	10	0	Tr		0	–	4	4	0	–	0	–				
						"	70	50																					
		1.0m loss		305.7	306.7	FAULT	?																						
				308.0	311.0	PQPy	20	10	2358	308.0	311.0	1.3	0.2	7	0	0.2		0	–	9	81	0	–	0	–				
						"	50	60																					
						"	70	30																					
				311.0	314.0	PQPy	20	10	2359	311.0	314.0	0.6	Tr	10	0	0.3		0	–	9	22	0	–	0	–				
						"	50	80																					
						"	70	10																					
		@314.9 - 315.8: pre mineral		314.0	317.0	PQPy	50	65	2360	314.0	317.0	1.6	Tr	10	Tr	1.3		0	–	6	3	0	–	0	–				
		silicified intermediate dyke;				"	70	35																					
		crackled with hem, ank fracture																											
		filling.																											
				317.0	320.0	PQPy	50	80	2361	317.0	320.0	1.7	Tr	10	0.3	0.3		0	–	12	28	0	–	0	–				
						"	70	20																					
				320.0	322.9	PQPy	50	80	2362	320.0	322.9	0.8	Tr	10	0.2	0.3		0	–	5	13	0	–	1	1				
						"	70	20																					
						WQPy	70	100																					
322.9	224.7	ANDESITE DYKE: medium							2363	322.9	324.7																		
		green; < 0.5mm grain size																											
		contacts obscured.																											
		@324.7 - 326.7: quartz depleted on																											
		margin of dyke				PQPy	20	25	2364	324.7	328.0	0.5	Tr	20	0	0.3		0	–	4	4	0	–	0	–				
		@327.6 - 328.0: massive magnetite				"	50	50																					
		UC20, LC90, FOLN 90				"	70	25																					

		GEOLOGIC DESCRIPTION	STRUCTURE					SAMPLES			MINERALIZATION MINERALS					VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
324.7		(cont'd) SILICIFIED QUARTZ			PQPy	20	15	2365	328.0	331.0	1.3	Tr	10	0	0.3	3	1	8	21	0	-	0	-				
		IRON OXIDE BRECCIA			"	50	60																				
		@328.0-328.5: breccia is			"	70	25																				
		mylonitized c̄ undulating fol'n			Py	70	100																				
		@45°-90°. Strong @90° @ LC.																									
		@328.5-329.2: cataclastic bx.																									
		frags ≤ 1cm, LC 70.																									
	*	@330.9: onset of bull quartz																									
		stringers.																									
	*	Note onset of pyrite stringers			Py	50	100	2366	331.0	334.0	2.8	0.4	10	0	0.4	1	1	7	16	0	-	8	25				
					PQPy	50	90																				
					"	70	10																				
					WQPy	20	25																				
					"	50	60																				
					"	70	15																				
		* 23 Bull quartz ± chl in			Py	50	100	2367	334.0	337.0	5.2	0.3	10	0	0.2	1	5	6	21	0	-	6	9				
		this sample interval			PQPy	20	15																				
					"	50	50																				
					"	70	35																				
					WQPy	20	15																				
					"	50	65																				
					"	70	20																				
		@338.5 - 339.2: first large			Py	70	100	2368	337.0	340.0	0.3	Tr	10	0	0.5	2	0.2	4	12	0	-	5	12				
		bull quartz vein			PQPy	50	75																				
		* This sample interval			"	70	25																				
		comprises 60% bull qtz.			WQPy	50	50																				
					"	70	50																				
		@341.0: 5cm. mag. stgr. ∡ 45°			PQPy	20	100	2369	340.0	343.0	Tr	Tr	15	0	0.2	0	-	1	7	0	-	2	3				
		@341.7: 10cm. mag. vnlt ∡ 50°			WQPy	20	50																				
		@342.3: 10cm. mag. vnlt. ∡ 40°				50	50																				
					Py	50	50	2370	343.0	346.0	Tr	Tr	10	0	0.1	2	1	1	6	0	-	0	-				
		@345.5: onset of mag. qtz, py			"	70	50																				
		vein; mottled c.g. texture py dissem. grains			PQPy	50	100																				

		GEOLOGIC DESCRIPTION	STRUCTURE						MINERALIZATION																				
									SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		White Qz Py		ASSAYS			
FROM	TO		GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
324.7		(cont'd) SILICIFIED QUARTZ				Py	50	100	2371	346.0	349.3	3.7	Tr	45	0	0.2		8	6	2	130	0	-	0	-				
		IRON OXIDE BRECCIA				PQPy	50	50																					
		@347.3: end of coarse grained				"	70	50																					
		magnetite vein; UC 20 LC 50; pro-																											
		gressively replaced by pyrite 347.0																											
		-347.3.																											
		* Note onset of sheeted pink quartz			very	siliceous.			2372	349.3	352.0	0.5	Tr	10	0	0.1		0	-	0	-	0	-	0	-				
		pyrite veins in Samp. No. 2371; These																											
		veins also contain several per-			"	"			2373	352.0	355.0	0.3	Tr	10	0	0.1		0	-	0	-	0	-	0	-				
		cent light green phyllosilicate																											
		(chlorite, sericite?) on fractures				PQPy	20	40	2374	355.0	358.0	0.2	1.4	10	0	0.1		0	-	7	175	0	-	0	-				
		and shears within the quartz				"	50	60																					
						PQPy	50	65	2375	358.0	361.0	1.4	Tr	10	0	0.1		0	-	3	12	0	-	1	1				
						"	70	35																					
						WQPy	50	100																					
						PQPy	50	25	2376	361.0	364.0	0.4	Tr	10	0	0.1		0	-	4	4	0	-	1	3				
						"	70	75																					
						WQPy	70	100																					
						PQPy	70	100	2377	364.0	367.1	0.5	Tr	10	0	0.2		0	-	2	3	0	-	0	-				

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Pink Qz-Py		CARB		white Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
367.1	368.3	Megacrystic Dyke: 0.5 x 1.0cm							2378	367.1	368.3	—	—	—	—	—													
		blocky phenocrysts in fg. sericitic																											
		matrix. Phenos (Kspar?) altering																											
		to calcite + sericite. 8% diss^d																											
		mgn + <1% py; fol^n (megacrysts,																											
		sericite and magnetite whisps)																											
		15°CA. FW and HW ground.																											
368.3	375.4	Sil^d Breccia: Brecciated qtz-mgn		368.3	369.0	cp-py network	60°/70°	80%	2451	368.3	369.0	20%	1.0%	10%	0	tr.		1	0.3cm	0	-	0	-	0	-				
		altered sediments cut by several				late qtz-sp ± chl ± py	50°	70%																					
		large grey/grey-pink qtz veins				"	75°	10%																					
		with welldeveloped network py-cp				" + specular	0°	20%																					
		veinlets. Crushed network appearance																											
		extends into diffused alt^n envelope		369.0	370.1	cp-py ± mg network	25/50	50%	2452	362.0	370.1	4%	3%	<1%	0	tr		0	-	1	110	0	-	0	-				
		but diminishes markedly in sections				"	75/5	50%																					
		of alt^d lithic fragments.				cp-py.	60°	70%																					
		includes:				"	50°	20%																					
		369.0 - 370.1 p. grey qtz-crushed				PQPy	50	100																					
		appearance (network veinlets).																											
		cp and py on network fractures @ 369.2																											
		- 1cm cp/py veinlet 60° contains																											
		tetrahedrite + tr moly ± sulphosalt																											
		370.1 - 371.5 sil-mgn altered		370.1	371.5	cp-py	±20°	20%	2453	370.1	371.5	1%	1%	10%	0	tr.		1	<1.0cm	5	37	0	-	0	-				
		wall rock; weak network fracturing				"	45°	50																					
		with traces cp ± py. Wallrock alt^n				"	60°	30°																					
		decreases c̄ depth, comprising ser-carb				PQPy	20	20																					
		371.0m - 1cm → 0.1cm cp-py				"	50	60																					
		+ tetrahedrite? in py				"	70	20																					
		371.5 - 373.9 p. grey qtz v.		371.5	373.9	cppy	50-60	70%	2454	371.5	373.9	8%	1.5%	4%	0	tr		2	5cm	1	236	0	-	1	4				
		network cp-py veinlets as above.				"	25°																						
		cp-py veins ~0.5cm @ 50°CA				PQPy	20	100																					
		py veins 2@ 20°CA (tr. cp)				WQPy	20	100																					
		Black coating on cp exposed on 40°																											

fractures - soft, grey black - chalcocite?

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						NERA TION VEINS PYRITE		Pink Qz-Py		CARB		Wh.6 Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		373.9 - 375.4 Siliceous Breccia		373.9	375.4	Py cp	50°/60	50%	2455	373.9	375.4	8.0	1.0	2	0	Tr		0	-	7	38	0	-	0	-				
		(Faulted FW Zone with					70°	40%																					
		minor grey quartz) Frags mainly				PQPy	20	15																					
		subangular to rounded qtz some				"	50	70																					
		of which are 1cm bifurcated qtz				"	70	15																					
		mgn veins. Original matrix alt^{d}																											
		to chl-ser c̄ py mgn & cp. Late																											
		brecciation cemented by calcite veinlets																											
		which are leaching to form open fractures.																											
		Late structural adjustment probable																											
		at 374.6m where sol° cavities																											
		strong 50°/CA (3 strong fractures)																											
		(also site of pre calcite faulting?)																											
		Py-cp on irregular crushed fractures																											
		with dominant trend 50/60° and																											
		in alt^{d} matrix																											
				375.4	378.0	PQPy	50	100	2379	375.4	378.0	0.4	Tr	10	0	Tr		0	-	6	30	0	-	0	-				
		@375.6: quartz replacement																											
		diminishes; altered frags show																											
		probable remnant phenocrysts																											
		after porphyry intrusive																											
				378.0	381.0	PQPy	50	100	2380	378.0	381.0	0.4	Tr	8	0	0.1		0	-	3	73	0	-	0	-				
				381.0	384.0	PQPy	20	25	2381	381.0	384.0	1.0	0.3	10	0	0.1		0	-	4	96	0	-	1	3				
						"	50	50																					
						"	70	25																					
						WQPy	50	100																					
				384.0	387.0	PQPy	50	30	2382	384.0	387.0	0.8	Tr	10	0	0.4		0	-	7	25	0	-	0	-				
						"	70	70																					
				387.0	390.0	PQPy	50	100	2383	387.0	390.0	1.2	Tr	8	Tr	0.4		0	-	5	21	0	-	1	13				
						WQPy	50	100																					
				390.0	393.0	PQPy	50	65	2384	390.0	393.0	0.5	Tr	10	0	0.2		0	-	6	20	0	-	0	-				
						"	70	35																					

No./[redacted] pg. 4[redacted]

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
				FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
368.3		(cont'd) QUARTZ IRON OXIDE		393.0	396.0	PQPy	50	60	2385	393.0	396.0	0.5	Tr	10	0	0.3		0	—	5	10	0	—	2	2				
		BRECCIA after PORPHYRY				"	70	40																					
						WQPy	70	100																					
				396.0	399.0	PQPy	50	85	2386	396.0	399.0	1.3	Tr	10	Tr	0.3		0	—	6	50	0	—	0	—				
						"	70	15																					
		* In this and the following inter-		399.0	402.0	Py	50	25	2387	399.0	402.0	2.0	0.5	10	0	Tr		4	3	9	68	0	—	1	4				
		val the late cp stgrs. appear				"	70	75																					
		to have replaced the carb.				PQPy	50	65																					
		stgrs.				"	70	35																					
						WQPy	20	100																					
		* probable specks of		402.0	405.0	Py	50	65	2388	402.0	405.0	1.6	0.6	7	Tr	0.2		3	2	7	169	0	—	1	14				
		electrum and argentite/				"	70	35																					
		chalcocite in cp aggregates in				PQPy	20	30																					
		this interval.				"	50	55																					
						"	70	15																					
						WQPy	70	100																					
				405.0	408.0	PQPy	20	50	2389	405.0	408.0	0.4	Tr	10	0	0.3		0	—	4	39	0	—	1	1				
						"	50	50																					
						WQPy	70	100																					
				408.0	411.0	PQPy	50	25	2390	408.0	411.0	0.6	0.3	10	Tr	0.3		0	—	4	14	0	—	1	1				
						"	70	75																					
						WQPy	50	100																					
				411.0	414.0	WQPy	50	100	2391	411.0	414.0	0.2	Tr	10	Tr	0.3		0	—	0	—	0	—	1	2				
		@415.3 - 415.5: qtz, py, cp, chl		414.0	417.0	PQPy	20	20	2392	414.0	417.0	5.0	1.6	10	Tr	0.2		0	—	5	77	0	—	3	20				
		filled shear; cataclasis forming				"	50	80																					
		fragments ranging from <1mm				WQPy	50	65																					
		to 1cm x 2cm; foliation ∡ roughly				"	70	35																					
		50°																											

[redacted]

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
366.3	423.4	QUARTZ IRON OXIDE		417.0	420.0	PQPy	20	30	2393	417.0	420.0	1.0	0.5	10	Tr	0.4		0	–	11	72	0	–	1	8				
		BRECCIA after porphyry.				"	50	70																					
						WQPy	70	100																					
				420.0	423.4	Py	70	100	2394	420.0	423.4	1.6	0.2	10	Tr	0.4		1	1	10	49	0	–	1	4				
						PQPy	20	10																					
						"	50	70																					
						"	70	20																					
						WQPy	50	100																					
		423.4 EOH																											

HOLE 1218

11981.71 NORTH

25367 EAST

581.69 m ELEVATION

LENGTH: 408.1 m

[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] 15 [redacted] W [redacted] No. / [redacted] [redacted]

									MINERALIZATION																				
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0	3.0	Casing																											
3.0	7.0	Altered Siltstone: fg dark green		3.0	7.1	Qtz-py ±cp	5-10°	80%	2501	3.0	7.0	7%	0.1	10%	1%					13	22cm								
		chloritized rock. Original foliation				"	35-45°	20%																					
		and cleavage are indistinct. Fragmental				fractures	65°	60%																					
		(boudinaged) texture of more phyllitic				"	45°	35%																					
		(less altered) indistinct. Early calcite				"	5°	5%																					
		veins not appearant. Early qtz ±calc±																											
		py ± magn segmented by late hairline																											
		fractures. 9.0m - 1cm reverse displacement																											
		of a 5cm qtz v 25°/CA by ⊥ fracture																											
		at 30°CA. Magnetite > py > biot in																											
		rock. S= in veins < 3% (py, tr cp). Magn+																											
		Py+cp concentrated along vein																											
		boundaries and within wallrock.																											
		Prominent limonite on broken core.														Fe													
7.0	10.0	As Above cp generally concentrated		8.7	8.75	Fault	30°		2502	7.0	10.0	4%	0.1	3%	<1%	4%				22	1.2m								
		along vein margins. 7.1-8.7		7.1	10.0	Qtz-py± cp, magn	45°	60																					
		predominantly qtz vein (80% of total qtz)				"	25°	30																					
																Fe													
10.0	14.2	Mainly qtz vein -HW 30°CA (10.3m)		10.0	12.1	Py-cp-chl veins	60-70°	70	2503	10.0	12.1	5%	0.7%	3%	<1%	2%													
		Py-cp-magnetite concentrated at vein				"	5-10°	30																					
		and horst margins assoc. with chlorite																											
		Interior of horsts replaced with 20% magn.																											
		Py+Cp also on a set of veinlets (0.1cm)		12.1	14.2	Qtz-py-cp ±biot, magn	60-70°	50	2504	12.1	14.2	1%	tr	3%	1%	<1%				40	95cm								
		within qtz vein with cp concentrated					5-10°	25																					
		at veinlet intersections. These					35-40°	25																					
		crosscut horsts chlorite-magnetite				Py-chl	60°	100										2	1cm										
																								Qtz-magn					
14.2		Altered Siltstone: fg dark, fragmented		14.2	16.2	Qtz vein ± magn	5-15°	60	2505	14.2	16.2	1%	tr	5%	1%	<1%								40	60cm				
		by quartz ± magn veins. At 15.6				"	45°	10																					
		wall rock 60% magnetite				"	60°	30																					
		—				calc-ser-py ±cp	70°	35														15	1cm						

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						INER TION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
																						Qtz calc chl		Qtz	±Magn				
16.2	17.2	Altered Siltstone: dark grey green;		16.2	17.2	Qtz=Magn.	15°	65°	2506	16.2	17.2	1%	tr	5%										38	76cm				
		chl/bi ±ser± ; hornfelsic;				"	45°	10																					
		original fabric obliterated; cut by				"	60-75°	25																					
		Qtz±magn. v's upto 10cm $^{(45°)}$. thence				"																							
		Qtz-calcite-chlorite veins followed				Qtz+calc.+chl	60°	100														5	8cm						
		by a network of hairline $^{(1mm)}$ Py±cp carb-chl				Py±cp chl-carb	10°																						
		veins. Magnetite concentrated along					40°																						
		wall boundaries; (replacement of host rock)					85°																						
		and replacing hosts from rims into																											
		chloritic core.																											
19.2									2507	17.2	21.4	2%	tr	3%								1	3cm	19	20cm				
				17.2	21.4	Qtz magn. "	45°	70																					
							15°	30																					
																								Qtz-Magn.					
21.4		as above with more intense		21.4	24.1	brecciated			2508	21.4	24.1	3%	tr	5%				5	6cm					30%					
		brecciation of 1-2 cm qtz magn chl																											
		veins (90% brecciated), attitudes of																											
		segments similar to above.																											
		Network of hairline py cp chl veins																											
		intensifies down hole																											
		Some qtz° frags rounded.																											
24.1		Qtz ^{mag} veining intensifies generally		24.1	25.6	Qtz-mag chl	60°	75	2509	24.1	25.6	5%	0.2%	9%				5	10cm					6	60cm				
		60-45°CA;				Py Cp	60°	75																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		' Altered Breccia , Silica + ?																											
25.6	28.3	Intense silicification: qtz veins		25.6		Py cp	80-90	30	2510	25.6	28.3	4%	0.7	7%		1%													
		and silicification of wall rock.					50-60	50																					
		Hosts display progressive replacement					5-15	20																					
		by magnetite which oft killed original																											
		texture of deformed siltstones																											
		Network of pyrite-cp hairline																											
		veinlets cross cut qtz-mag veins																											
		and silica/magnetite replaced hosts																											
		Pyrite-cp veinlets 0.1-0.5cm with																											
		grains generally <2mm. Cp is																											
		patchy on veinlets, often to 0.5cm																											
		Late fractures at 85°, 15° limonite																											
		coated = adjacent carbonate leached																											
		Pink mineral (carbonate? - rodocrosite)																											
		1-2mm grains in late qtz at 30°																											
		and 80°							2511	28.3	31.4	3%	0.5	7%		1%													
28.3	31.4	As above.																											
		- late qtz-calc-ser veinlets 1-2mm																											
		occur on earlier py-cp network							2512	31.4	34.5	3%	0.5	5%		1%													
		veinlets predominantly at 80-85°CA																											
		29.6 2×3cm late bull qtz vn at 45°x55°CA. cuts mil.																											
		This in turn cut by late fracture																											
		(water course) at 035°-lm, mal																											
31.4	37.5	As above - characterized by angular		34.5	37.5	Py cp	60°	80°	2513	345	37.5	3%	0.5	3%		1%		7	7cm										
		to subrounded, 0-4cm grey siliceous frags				Late Qtz	50°	100°																					
		in a matrix of sericite-calcite-py(±																											
		cp. minor) with a 35°CA alignment.																											
		Py-cp network veins later most often																											
		lie within matrix but also crosscut																											
		siliceous fragments.																											

[redacted] No. [redacted] [redacted]

				STRUCTURE					SAMPLES			MINERALIZATION														ASSAYS			
		GEOLOGIC DESCRIPTION										MINERALS						VEINS											
																		PYRITE		Qz-Py		CARB							
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
37.5	40.5	Silicified Breccia: Qtz + boundaries indistinct. Silicification + sericite progressed to near total replacement of all lithic fragments leeving only Fe Oxides deposited along earlier replacement fronts. Concentrations of Fe Oxides reflect the fabric of the structurally deformed siltstones and early veining ie parallel bedding and brecciation The network of py-cp veinlets is weakly developed. Later fracturing caused further brecciation with some dislocation and rotation of frags. This fracturing provided channelways for later carbonate- quartz-sericite veinlets after superimposed on Py-cp veinlets Cp rich py veins occur at 37.8m Note: Fe-oxide bands in sil. replaced lithic frags resemble crenulations in deformed siltstone. Fe Oxide banding generally constant from frag to frag at 5-10°CA Occassional late 0.5cm quartz vein cuts all veins and textures ~45°CA. 38.4 Conjugate set Qtz-py 2cm 60°/30° CA		37.5	40.5	Py-Cp " Carb-qtz-Ser Qtz vs	45° 0° ±45° ±60° 30-40°	67% 33% 60% 40%	2514	37.5	40.5	2%	0.3%	6%		<1%		4	50cm	6	55cm			Qtz 4	8cm				
40.5	43.6	As above; with increase in late barren qtz veins 0.5-20cm • Vuggy qtz xl termination at 43.3m		40.5	43.6	Py-Cp Qtz vs	45-60 25 45-50 75	 4% 40% 50%	2515	40.5	43.6	4%	0.8	6%		1%		3	5cm					Qtz 17	18cm				

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
																								Late	Qtz				
43.6	46.6	Silicified Breccia - as above.		43.6	46.6	Py-cp network	45°	40	2516	43.6	46.6	3%	0.5	7%		-3%		2	1cm					13	15cm				
		-magnetite distribution defines					30°	40																					
		relic fragments. Network py-cp					10°	20°																					
		veinlets persist, cut by carb-qtz-ser				Py-cp veins	65-70°	100																					
		network veinlets at 50° and 15°				Late qtz	85°	20%																					
		- late qtz - milky white - barren					50°	30%																					
							40	25%																					
							15°	25%																					
46.6	49.7	As above: increase in no. and		46.6	49.7	Py-cp	80	35°	2517	46.6	49.7	6%	0.5%	7%		<3%		16	15cm	2	56cm			21	17cm				
		size of pyrite veins - later than				"	60	40																					
		pervasive silicification - Py±cp up to 8cm				"	45	25%																					
		- occasional pink carbonate ~1-2mm - indistinct boundaries.				Late Qtz	15°	10%																					
		- Qtz-py veins more distinct					85°	85%																					
		- limonitic (Fe carb?) rim on many					60	10%																					
		pyrite and Fe-ox veinlets and				Qtz py	30°	30%																					
		grain aggregates. As above					60°	30%																					
		cp occurs as both minute grains					80°	40%																					
		disseminate in altered lithic frags																											
		and blebs and seams within																											
		pyrite veins																											
49.7	52.7	Py±cp veins up to 5cm		49.7	52.7	Py veins	65°	85°	2518	49.7	52.7	4%	0.4%	8%		2%		6	13cm					13	13cm				
		50.5 Conjugate 1cm py veins 65°/30°					30°	15%																					
		Network py veinlets less intense.				Late Qtz	40°	10 %																					
		60° py veins near massive and					50°	90%																					
		wider than 30° veins. Pervasive				Cal-qtz-ser	5-15°	40°																					
		silicification ± sericite persists					45-50°	60%																					
		Network of calc-qtz-ser. veinlets																											
		persists - wk crackled appearance.																											
		50.5' Conjugate set of late fractures																											
		- lim - 55°/35°																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
																								Lat	Qtz				
52.7	55.8	Silicific Breccia as above.							2519	57.7	55.8	3%	0.3%	8%		2%								7	7cm				
		30cm magnetite banding at 55°CA																											
		-magnetite bearing lithic relics																											
		comprise 80% of core, remainder																											
		qtz sulphide, qtz magnetite and																											
		pervasive silicification which has																											
		in part replaced lithic frags as																											
		an alteration envelope around																											
		grey qtz channelways. Py cp network																											
		veinlets intensity and wider																											
		pyritic bands absent.																											
		1 cp rich py v. (0.5cm) at 54.7-50°CA																											
		Magnetite altered lithic frags bounded																											
		by segmented grey qtz veins at																											
		65°/25°. ~ 2% asmm fuzzy																											
		white grains, rhombic section - plagioclase?																											
		limonite on fractures.				Late Qtz																							
55.8	58.4	Silicified Breccia		55.8	58.4		40°	50	2520	55.8	58.4	2%	0.3	10%		2%								7	35cm				
		Magnetite foliation at 55°CA					50°	50																					
		Magnetite occurs not only as diss^n																											
		and 0.3mm sub parallel bands in				Late fractures lim.	40°	35%																					
		relic lithic frags but as complete					25°	65%																					
		replacement of frags and as later																											
		semi massive 0.5 - 2.0cm veins.																											
58.4	61.3	Silicified Breccia.		58.4	61.3	Py-cp	60-70	40%	2521	584	61.3	4%	0.4	5%		?		6	11cm										
		59.35 - 20cm qtz-py+cp vein					85-90°	60%																					
		implaced in finely brecciated																											
		silicified rock (frags rounded-1cm)		59.1	61.0	Late fractures	15°	35																					
	HW	Semi massive pyrite replacing magnetite				(conjugate)→	45°	65																					
		10cm wide at 60°CA. At 60.7-2cm																											
		semi massive py at 90°CA (FW)																											
		Late fracturing at 15° and 45°																											
		rebrecciated zone establishing a																											
		watercourse which is , leaching																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		±Carbonates?																											
		of Si + Fe Oxides. Vugs formed																											
		along py-cp network vein fractures																											
		through [illegible] accentuating																											
		breccia texture. limonite on																											
		all late fractures and vugs.																											
		Fracturing [illegible] appears																											
		to be post late qtz veins																											
		0.5cm cp veinlet at 20°CA																											
61.3	69.1	Sil^{d} Bx. Lithic frags replaced by		62.7	–	mgn fol^{n}	25-30°		2522	61.3	63.4	3%	0.2	6%		<1%		6	2cm										
		magnetite and silica ± ser. Brecciated							2523	63.4	65.1	2%	0.2	6%		<1%		2	2cm										
		[illegible] qtz magn							2524	65.1	68.3	4%	0.5	6%		<1%		5	10cm										
		veins traversed altered lithic frags.																											
		63.5 Cons qtz mag 45°/30°CA cut by																											
		grey (pink) qtzv ± py cp ser 45°CA and																											
		associated qtz-ser alteration																											
		envelope(pervassive). Disseminated																											
		cp-py (<<0.1%) may be associated																											
		with this alteration stage.																											
		This in turn cut by py mgn. cp ± carb																											
		qtz ser. 45° 85°CA. Py cp of this stage																											
		in part may replace earlier magnetite. Fracture																											
		also displaces grey/pink qtzv. Similar																											
		mgn ± py cp veins cross at 85° & 45°																											
																								Bx Qtz					
69.1	73.8	Bx^{d} Quartz vein.		69.1	71.0	Py cp	70°	80°	2525	68.3	71.0	5%	0.8%	3%		1%		12	12cm						2.0m				
		fragments 0.5 to 2.0cm					25-30°	20%	2526	71.0	74.1	8%	1.5%	5%		1.5%		22	45cm										
		cemented w̄ Py-cp and calcite																											
		on a network of hairline fractures		71.0	74.1	Py cp	65-70°	80%																					
		Cp occurs as 0.2 to 0.5 cm blebs				Cok ± py cp	05-15°	70%																					
		and disseminated in semimassive py bands					45°	30°																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		Calc ± pycp veinlets in network																											
		style often filling spaces to 0.5c								74.1	77.1																		
		at intersections																											
		72.1 - 20cm semi massive py																											
		w̄ 10% cp concentrated on																											
		boundaries. (Gen: py cp Semi Mass confined w/in Silic^{+} zones.)																											
		72.3. 3cm late limonite																											
		qtz v. 20°CA																											
74.1	77.1	Silic^{d} Bx marked increase in																											
		Fe-Ox including 90% replaced lithic							2527	74.1	77.1	1%	tr	9%		<1%		6	4cm	2	30								
		frags. Magnetite banding more																											
		pronounced - subparallel CA (5-15°)																											
		where larger frags occur.																											
		Qtz magn ± py up to 2cm @ 45°CA																											
		- appears to be conduit for pervasive^{d} alteration, magnetite rim																											
		on lithic frags and replacement																											
		bands with frags. Veins are																											
		bifurcated generally in core seem																											
		magn > py and or magn^{+p} margins																											
		at 50° on 70°. Qtz + py + magn$^{45-60°}$ and																											
		py cp veinlets later (± 45° in qtz v)																											
		Note: lm rind on mgn > py > cp	±15															Py ~~mgn~~											
77.1	80.2	As Above: Negligeable py cp	A	85		Mgn R/	55°		2528	77.1	80.2	0.5%	tr	10%		1%			0.5	2	14cm								
		Network veins:					65°																						
		Calc ± py, mgn. ± 15°, 45°, 85°		45			85°																						
		forming A's; / + 35° fractures w																											
		Spec. late frac...																											
		Mgn > py in veinlets					05	5										Py Mgn ± cp											
80.2	83.2	7cm x 3cm massive mgn^{+cp} vein segment				Py Mgn ± cp	60-65	~~85~~	2529	80.2	83.2	0.5%	0.1	6%		1%		3	3.5cm										
		cut by late 30° qtz v. Wk^{r} network v's				Py cp mgn Network	±25°	70%																					
							85°	30%																					
						late carb	±10°	60																					

85° 20
45° 20

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
				FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
80.2	83.2	83.0 - Nat Cu/Cuprite? in qtz v and altered lithic frags 1cm py mgn v 60CA Sil'd																					Late	white Qtz	(wedges)				
83.2	86.3	Bx cont' - banded mgn in frags. Py, cp ± hem network veins subparallel core lim rind on S= and mgn. Hem predominant vein Fe Bx.		83.2	86.3	late Qtz 0.5cm mgn band^g	55&58 75° 55°	50% 50% 60%	2530	83.2	86.3	1%	0.2	10%	-	-									8%				
86.3	89.3	As Above: cuprite: Xl^, soft adamantine ruby red on weathered fracture parallel core. 0.5cm blebs cp 25°CA		87.7	88.7	Qtz py Accretion Network	60° 35&45 5°	1 65% 30%	2531	86.3	89.3	1%	0.1	10%				1	1cm	1	1.0m								
89.3	91.4	Sil^d Bx - Bx Qtz-py ven. 89.9 91.2 cp-py network veinlets with blebby cp & limonite (Fe carb?) rind on py cp mgn Carb on network veins - leaching				Qtz-py Nat cp py	? ±5° 60-75°	 40% 40%	2532	89.3	91.4	3%	1.0%	2%		2%				1	1.3m								
91.4	92.4	Sil^d Bx 91.4-92.0 Lm ± pyro?, jar?, neot? replacing py, cp Fe ox as matrix in breccia - water course? As usual there is a trace of chlorite with mgn in original sill^d frags		91.4	92.0 Zoecite?	Lim Bx Grey Qtz Late white late fault + earthy hem	45°(?) 30° 85° 45° ±10°	 50 50 100	2533	91.4	92.4	1%	0.2%	5%		3%		•						Grey 8 Late white 3	Qtz 50cm Qtz 5cm	±5°			
92.4	95.4	Sil^d Bx - accentuated by weathering of carbonate mgn + S= on micro fractures. late creamy-beige min on late hairline fractures c̄ earthy hematite (Zoecite?). Lm on late fracture set 0°/45° (+black soot mat spec) tr cp py on wk network fractures				As above			2534	92.4	95.4	2%	0.2%	6%		2%													

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
94.5	98.5	As above heavily weathered				as Above			2535	95.4	98.5	0.5	0.7%	8%		5%													
																								Grey	Qtz				
98.5	101.1	Sil^d Bx i As above but less		98.5	101.1	late crush fractures	25/55	80°	2536	98.5	101.1	6%	0.4%	8%		1%				1	40cm			3	30cm				
		weathered. 98m – 40cm qtz v		98.0m		Qtz py	45°																						
		at 45°CA with 14 cm massive py		98.5	101.1	Py-cp	60°	75°																					
		in middle (bifurcated vein?) Generally																											
		vfg w rolled py clasts to 0.5cm. faulted?																											
		No cp in massive py; only in narrow																											
		hairlines and weakly disseminated																											
		in silicified zones. Both hairline																											
		fractures cut by late FeOx hairlines																											
		//CA.																											
																								Grey	Qtz				
101.1	100.5	Sil^d Bx includes · bx^d qtz veins		1018	104.5	network py-cp FeOx	±45°	40°	2537	101.1	104.5	1.5%	1.0%	6%		1%								8	70cm				
		recemented by py-cp-FeOx network				"	15	15°																					
		vein ± carb. NB. Cp in 1-2 mm																											
		seams on network fract > py																											
																							Grey	Qtz					
104.5	107.6	Sil^d Bx mainly bx^d Qtz v.																											
		104.5 – 105.5 bx^d Qtz v w		104.5	107.6	cp py network	45°	35°	2538	104.5	107.6	3%	2.5%	4%		1%								10	1.8m				
		massive cp=py vein in middle 60cm					65°	55°																					
		Bx veins display well develope network																											
		veins with py=cp. Section re bx^d																											
		±30° hairline (crushed but competent.)																											
																								Grey	Qtz				
107.6	110.6	Sil^d Bx. - Bx^d grey Qtz V. w 20% hosts of		107.6	110.6	py±cp veinlets	15°		2539	107.6	110.6	3%	1.%	5%		1%								1	1.3				
		mgn banded wallrock (25°CA). Cp as				(0.3-10 cm)	45-50°																						
		blebs and seams on network veinlets					75°																						
		- numerous 1-3 mm sol^n cavities				cp-py network	±20	40%																					
		due to leaching of calcite + mgn. cp weakly				(1-2 mm)	45	30%																					
		diss. in silicification envelopes.					70	30%																					
		NB. - Tr. Nal. Cu 108.5 on weathered fractures.				late calc network hairline	35/55	70%																					
		- 35° dominant and most weathered hairline calc v. direction (wk shear?)					70°	15%																					

				STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
110.6	113.1	Sil^d Bx as above		111.8	112.15	GQtz v	45°		2540	110.6	113.1	4%	0.8%											G.Qtz 4	60cm				
		NB. 0.5-1cm angular clots				cp-py veinlets	40°																Late Qtz	B	14cm				
		of cp in late white qtz v. w tr MoS_2					15°																						
		Network cp-py Fx persist				Late Qtz.	45°	50°																					
							85°	50°																					
113.1	115.9	Sil^d Bx - strong leaching of		Similar to above.					2541	113.1	115.9	Uncertain due to →																	
		carb + FeOx + $S^=$. Rock Badly										strong leaching																	
		broken - mainly at 5°/30°/60° CA																											
		(Fault?) hm on weathered surfaces																											
		+ thin earthy red brown encrustation																											
		assoc w minute flecks of Nat. Cu.																											
		Fresh breaks on rock frag reveal																											
		minute diss^d cp. It appears																											
		that most of rock failure related																											
		weathering of cp-py and calcite mgn																											
		network fractures..																											
118.7	121.5	Sil^d Bx - well weathered - most		Similar to above.					2542	115.9	118.7	uncertain due to weathering →												Grey Qtz					
		network fractures leached of.																						2	70cm				
		carb, $S^=$, FeOx and coated																											
Note:	Reverse order for description only	with jarositic(?)-limonite																											
		+ Cuprite + earthy deep red crustings																											
		+ Nat. Cu. + malachite.																											
		Zone is probable water course!																											
115.9	118.7	Sil^d Bx - broken core - tight							2543	118.7	121.5	uncertain due to weathering																	
		weathering on fractures - ochre hm.										and disruption of core																	
		115.9 - 116.3 Grey Qtz v. w late																											
		cp-py 0.3cm veinlets @ 45°																											
		Ground core 116.9 - fault in grey Qtz																											
		vein. leaching of network veins																											
		increases w depth. - malachite																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						NERA LIN VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
121.5	122.8	Sil^d Bx. Grey qtz v̄ with network py-cp veinlets and 2cm massive py cut off by very thin irregular FW at 55°CA Distribution of late white qtz v.s generally controlled by breaks between mgn alt^d lithic frags. 122.4 - mgn replaced lithic frag enclosed within white qtz rimmed by Native Cu * Trace Native Cu on some late fractures // CA. Trace chl c̄ magn in alted frags.		121.7 122.1	122.0 122.5	Grey qtz Late white Qtz vs	? 35°		2544	121.5	122.8	4%	0.4	6%															
122.8	125.9	Sil^d Bx: Chlorite c̄ late carb & hem hairline network veinlets. Rock has less pervasive qtz±ser alt^n - vein boundaries and lithic frags more distinct. Hem impregn in late veining. Sulphides low. Calcite (Carbonate) cream coloured. 123.6 cp in white qtz rimmed by spec.		122.8	125.9	white qtz grey qtz hairline hem carb chl	45° 60° 45 0-5°	80° 80% 20%	2545	122.8	125.9	1%	0.1	8%		4%								Late white qtz v 13 grey Qtz v 7	 55cm 53cm				
125.5	128.9	Sil^d Bx: lithic frags contain more carbonate which has not been replaced by silica as well as chl. Network calc + chl ± hem py cp Blebs cp in white qtz. Slight leaching of CA // veinlets				Grey qtz Network calc ± chl etc.	25° 55° 40°/50° 0°-5° 30°	25° 50°	2546	125.9	128.9	1%	tr.	8%		6%								Grey 23 White 5	Qtz 67cm Qtz 5cm				
128.2	131.8	Sil^d Bx as above - low S late calcite @ 45°CA. Bright green ser.? c̄ calcite in frags.		128.2	1318				2547	128.2	131.8	1%	tr	7%		5%								Grey 6	Qtz 53				

				STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
131.8	132.7	Dyke: Fine^ish green, foliated @ 50°CA , 80% sericite, 1% diss^d mgn, 1% diss^d xl^n py < limon, wk wk 'speckled' texture due to 10% calc 'granules'. Cut by hairline calc ser stringers @35° FW fault @ 50°CA // foln (low mgn) Calc grains aligned // foln. Mag correlation ~ Dyke @ 170.5m 1217 HW: 30°CA (15% magnetite)		131.8 132.7	Fol^n	HWcontact Fol^n (calcite aligned) Calc ser (stringers) (Sub // foln) FW Fault	30° 50° 35° 50°																						
132.7	135.0	Sil^d Bx. Similar to above except for bright green sericite in matrix of lithic frags. late carbonate v. on fractures ± 15° ⇐ ——> causing blocky ground assisted by leaching carb + S= + mgn. Green sericite - equiv kspar in transition zone - K rich zone?? short or lithic frags are of intrusive origin ie apophyses of Megacrystic intrusion							2548	132.7	135.0	<1%	tr	8%				Broken core											
135.0	138.	Alt^d Bx: Bifurcated qtz mgn obviously cement lithic frags and related to Mgn replacement in frags. Network of late calc ± S= is a late event (post bright ser + calc?) 133.9 centre of heavily weathered zone - Mang. Ox - wad? - water course Fault? Mil on most fractures. NB v wk Kspar? → * Ser (bright green) @ 135.2 m		135.0	138.1	bifurcated Qtz mgn late calc	45 20° 30 55		2549	135.0	138.1	<1%	tr.	8%				Broken core											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERA[illegible]ION VEINS PYRITE		Qz-Py		CARB				~~ASSAYS~~ [illegible]			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IBX	Cu SBX	Ag Qtz	Mo
																								Grey	Qtz	green ser? ±carb			
138.1	139.8	Sil^{d} Bx as above but ser/carb alt^{b} not^{as} evident.		138.1	139.8	Grey Qtz v cp py network Late carb Network ±5°	45° 35°/45 0,±15°	100% 70% 80%	2550	138.1	139.8	0.5%	0.5%	8%		2%								7	30cm				
139.8	141.6	Sil^{d} Bx as above - 'ser'/carb alt^{n} limited to late stage along [illegible] fractures. Leaching of carb + S$^{=}$ + Fe from fractures creates broken core. Water course 2°Cu + Lm on most fractures				cp-py + Fe Late ser carb ± pyr	45° 60° ± 5 ± 15	50% 50%	2551	139.8	141.6	1.0%	0.2%	8%		8%										5	70	25	
141.6	144.2	As Above relatively solid masses of 'ser' in Lithic frags.		141.6	144.2	Py-Cp ±Fe carb ± pyr Grey Quartz	20° 50° 0 ±30 70 45°	20 50 30 60%	2552	141.6	144.2	0.5%	<0.1	8%		5%								3	30cm	70	15	20	
144.2	146.4	As above: heavy weathering 145.3 - 146 - fault? tr 2°Cu wk 'crush' mineralization Lm on each frac.		144.2 145.6	146.4	Broken fault?			2553	144.2	146.4	<0.5	<0.1	12%		5%										5	70	25	
146.4	149.3	As above: with rock comprising 35% qtz v. with generally diffused boundaries; white later than grey qtz. Finer Lithic frags 1-2°Cu ± Cuprite, Cu				Grey + white Qtz v carb-ser hairline	45 60 ±15 60 0	40 40 50% 45 15	2554	147.2	149.3	<0.5	tr	15%		3%										5	60	35	
149.3	152.4	As above - Carbonate - S$^{=}$ - Feox leaching @ 149.8 (0.5m), 150.7 (3m) late crushed fractures in ser-carb ± S$^{=}$ Feox. Mgn as 1cm clots spec on late fractures. Secondary Cu - Native, cuprite etc.				Grey Qtz white Qtz carb hairline ser ± carb cp py Fe	70 30° 45° 45/20 0° 30°	70 30 80 70° 30° 50°	2555	149.3	152.4	1.0	tr	15%		5%								3	20cm	70	10	20	

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		QZ-PY		CARB				ASSAYS			
FROM	TO		GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au IB✓	Cu SB✓	Ag Q/z ✓	Mo
																								Grey	Qtz				
152.4	155.1	Sil^d Bx. ·crushed appearence				General fabric	45°	60	2556	152.9	155.1	2%	0.1	12%		5%								6 white qtz	30cm	75	5	20	
		Lithic frags well replaced by mgn				"	± 20°	40																					
		py-cp-mgn network stringers at acute CA																						11	20cm				
		strong carb-ser ±py mgn network.																											
155.1	156.4	Sil^d Bx - zone bounded by		155.1		Old faults?	45°		2557	155.1	156.4	1%	<0.1	7%		3%								white qtz 8	60cm	?	?	40	
		Old faults @ 45°CA - hard grey		155.6																									
		green gouge, diss mgn, cut by		1564		Late fracture	5°	30																					
		carb-mgn veinlets. Minor zone					30°	60																					
		of 50°CA py stringers intruded																											
		by white quartz. Carb-mgn later *																											
		Strong Feox Alt^t of frags masks origin																											
156.4	1594	Sil^d Bx. minor cp-py veins																											
		at ± 30°; carb-ser ±hem network		158.8		grey qtz	45°		2558	156.4	159.4	2%	0.1	12%		2%		4	2cm					3	15cm	?	3	40	
		older than white qtz. white qtz vuggy				py cp	25-30																						
		-terminated qtz. Late fractures																											
		at 0°, 50°. Lithic frags being																											
		replaced by hematite. white																											
		quartz generally barren.		159.4		watercourse	?																						
159.4	162.5	as above: lithic frags 80% replaced				white qtz	70°	50%	2559	159.4	162.5	2%	0.1	15%				3	1cm							?	?	20%	
		by Feox (magnetite early, hematite					90°	25%																					
		late) Minor py-cp ±hem 40°CA;					45°	25%																					
		late carb spec. network; occasional		162.5		hem	25°																						
		bleb cp. Patchy carb ± ser																											
																								white	q/z				
1625	165.5	as above: strong 2° hematite alt^n				white qtz	45°	50%	2560	1625	165.5	2%	0.1	25%										17	36cm			20%	
		of lithic frags. Blotchy segmented					70°	40																					
		white qtz veining. Patchy py hem ± cp					85°	10																					
		late carb. veining				carb	40°																						
							40°																						
						late fract.	± 15°	60°																					
						w. spec.																							

FROM	TO	GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
			GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
																								whit	qtz				
165.5	168.6	as above: many qtz vein fragments,		165.5	168.6	white qtz	45-50	70	2561	165.5	168.6	2.0%	0.2%	20		1%								22	30cm			30%	
		occasional py in white qtz. S= veinlets					75-80	30																					
		irregular and patchy. 166.2 - 10cm				py cp Feox	40°	50																					
		mgn calc chl v. @ 45°CA					60°	50																					
																								whit	qtz				
168.6	171.6	as above: specularite commonly				whit qtz	65	50	2562	168.6	171.6	1.0%	<0.1	25%		1%								17	25			30%	
		rimming whit qtz v.																											
171.6	173.8	as above: badly broken and ox^d.				qtz py cp veinlets	75	30	2563	171.6	173.8	2%	0.2	20		2%												20%	
		on fractures at acute angles to core.				"	45	30																					
		carb + S= + Feox leached. - watercourse				cp-py Feox	40°																						
		fault?																											
173.8	176.1	as above: 2 grey qtz veins with later				late carb + py Feox	±20°	60%	2564	173.8	176.1	2%	0.3%	10%		1%													
		1cm py-cp veinlets in each @ 20°CA;																		2	0.8m							40%	
		minor hairline cp, py network, Limonite																											
		on acute angled fractures = 2°Cu																											
																								grey	qtz				
176.1	179.5	as above: with several grey qtz Feox		176.9		Py	45°		2545	176.1	179.5	1%	0.2%	15%				1	1cm					21	.7m			40%	
		veins, wk hairline py-cp. Carb, py- [illegible]				grey qtz	60°	60°																					
		cp-hem leaching → Lim + 2°Cu					45°	30°																					
						carb. py cp hem	45°																						
							60°																						
																								grey	qtz				
179.5	182.4	Sil^d Breccia: as above.				grey qtz	15°	20	2566	179.5	182.4	2%	0.3%	20%										8	.3m			40%	
		weak cp-py stringers; late network					45°	50																					
		of qtz. carb chl ± py cp hem					60°	30																					
						cp-py	60°																						
182.4	184.0	as above: strong network fractures							2567	182.4	184.0	5%	1.0	12%														50%	
		of cp-py; 182.7 - 1cm massive				cp-py	60°	50																					
		cp @ 45°CA. Increase in chl.				"	35°	20																					
		calcite especially in lithic frags.				"	20°	10																					

grey qtz 25° 50°

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au I3x	Cu SBX	Ag Qtzv	Mo
																								Grey	qtz				
184.0	185.3	as above: calc+chl noticeable				grey qtz	15°	70%	2568	184.0	185.3	2%	0.3	12%		2%								7	15			75%	
		in groundmass of some lithic frags					40°	30%																					
		network cp py veinlets mod. developed																											
	*	N.Cu + brassy acicular min (marcasite ?)																											
		on late acute C.A. fractures.																											
185.3	187.6	as above: section dominated by		185.9	187.6	grey qtz vein	20°		2569	185.3	187.6	2%	0.3%	4%		2%								1	1.7m			80%	
		acute angle grey qtz vein with				cp-py	60/40	65%																					
		welldeveloped network of cp-py-FeOx				ser+py+cp hem	70°	80%																					
		and ser sham py-cp veinlets.					70°	15%																					
																								whit	qtz				
																								9	10cm				
187.6	189.9	Sil^{d} Breccia - occassional							2570	187.6	189.9	1%	<0.1	30%		1%								grey 6	qtz 9cm			8%	
		cp-py veinlets @ 60°, 45°, wk ser-chl																											
		py hem veinlets. Specularite on boundaries																											
		of some white qtz v.																											
									2571	189.5	192.9	1%	<0.1	30%		1%								grey	qtz				
189.9	194.1	As above: weak S= veining: chl/ser																						20	6.5cm			8%	
		hem with grey qtz veins																						whit	qtz				
																								5	3cm				
									2572	192.9	194.1	<1%	<0.1%	30%														8%	
194.1	199.0	Sil^{d} Breccia as above				Grey Qtz	60°	60%	2573	194.1	196.6	1%	<0.1	25%		3%								Grey	Qtz			35%	
		194.2 to 194.85 - 2 'crushed'					15°	15%																13	.65m				
		grey qtz veins cemented with a fine																						whit	Qtz				
		qtz-calcite-sericite chlorite network																						5	8cm				
		of late veinlets. Minor py-cp-hem																											
		stringers																						Grey	Qtz				
		196.6 to 199.0 several grey qtz veins							2574	196.6	199.0	3%	1.0%	10%		3%								7	1.1m			60%	
		display early brecciation and shearing		198.3		ser sheared in qtz v FW	65°																						
		possibly pre S° w/ subsequent movement.				qtz calc chl +S=	65°	50°																					
		qtz calc chl ± S= appear to hold rock																											
		together. Tr Nat.Cu on occas late calc veinlets.																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						NERA ION								ASSAYS			
																		VEINS PYRITE		Qz-Py		CARB		Qz-C-Ch					
FROM	TO			FROM	TO	TYPE	°TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
199.0	200.9	Sil^d Bx. - broken and weathered		199.0	200.9	white qtz w̄ hem			2575	129.0	200.9	2%	<0.2	20%	4%														
		on fractures; tr. N.Cu, cuprite				py-cp veinlets	70°																						
		- appear to have an affinity for					90°																						
		specularite.				QTZV 15																							
		diss^d.																						whit	qtz				
200.9	205.1	Sil^d Bx - specular hematite becoming		200.9	202.4	white qtz	45°	60°	[illegible]	200.9	202.4	1%	0.2%	25%	3%									7	9cm				
		more prominent giving rock a				grey qtz	35-40°	50°																grey	qtz				
		distinctive blue grey colour. Lots					70°	50°																12	12cm				
		white qtz veining increasing. Distinct				carb qtz ± py-cp	30°																						
		fol^n at 80°CA displayed by Feox					50°																						
		minerals imparting a gneissic				QTZV 20																							
		appearance. Sheared but healed																											
		grey qtz vein 201 - 201.6 contains																											
		augen qtz bounded by fine sericite-py-cp																											
		bands at 20° Trace MoS_2 *																											
		Py-Cp finely disseminated with																											
		Feox throughout rock. Carbonate as																											
		creamy patches on fractures																											
		Note: 3° slickensided in siliceous-sericitic																						whit	qtz				
		shear @ 201.4		202.4	205.1	grey qtz	65-70°	75%	2577	202.4	204.3	2%	0.4	25%	4%									14	13cm				
		204.5 - 2mm MoS_2 @ 40° w̄				whit qtz	45°	75																grey	qtz				
		cp, ser, carb. in grey qtz adjacent					60°	25																6	57cm				
		to diffused whit qtz veinlet.																											
		Chl^{mos} sericit alt^n in matrix of lithic																											
		frags.																											
205.1		SILICIFIED QUARTZ		205.1	208.1	STGR QTZ Mt	20	30	2578	204.3	208.1	Tr	Tr	10	nil	Tr		0		0		3	0.5	1	6.0				
		MAGNETITE BRECCIA					50	35																					
							70	35																					
						STGR QTZ CARB Ch	30	100																					
				208.1	211.1	STGR QTZ Mt	20	10	2579	208.1	211.1	Tr	Tr	10.0	0	0.5		6	12.0	4	41.0	0		2	7.0				
							50	45																					
							70	45																					
						STGR QTZ Py	70	100																					

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		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		Qz C (?)		ASSAYS			
FROM	TO		GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		SILICIFIED QUARTZ MAGNETITE		211.1	214.0	STGR QTZ-Mt	20 50	70 80	2580	211.1	214.0	0.1	Tr	8	0	0.5		1	1.0	6	57.0	0		1	1.0				
		BRECCIA (cont'd)					70	10																					
						STGR QTZ-Py	45	100																					
				214.0	217.0	STGR QTZ-Mt	50 70	50 50	2581	214.0	217.0	0.3	Tr	10	0	0.3		1	1.0	8	82	0		0					
						STGR QTZ-Py	70	100																					
				217.0	220.0	STGR QTZ-Mt	50 70	65 35	2582	217.0	220.0	0.2	Tr	10	0	0.5		4	1.0	1	19	0		0					
						STGR QTZ-Py	70	100																					
				220.0	223.0	STGR QTZ-Mt	20 50	5 60	2583	220.0	223.0	0.3	Tr	10	0	0.1		2	1	1	10	0		0					
							70	35																					
						STGR QTZ-Py	50	100																					
																								W Qz-Cp					
				223.0	226	STGR QTZ-py	50	100	2584	223.0	226.0	0.8	0.5	8	0	tr		0	-	3	61	0		3	16				
						W QTZ-cp	50	100																					
		@ 227 - 1mm spec hem		226.0	229.0	STGR Q-C	45	100	2585	226.0	229.0	0.5	1.0	10	0	0.1		1	2	2	8	1	2	3	3				
		wk Chlorite				STGR QTZ-py	50	75																					
						"	70	25																					
						STGR W-QTZ	50	50																					
							70	50																					
		@ 230 - 2mm spec hem + carb		229	232.0	* flt?			2586	229.0	232.0	1	0.8	10	0	0.3		0		3	64	0		0					
		-232 chl - wk → mod																											
		bio - wk				STGR QTZ-Py	20	10																					
		*				·	50	60																					
		231 - 231.5 - flt? - broken to 5cm				"	70	30																					
				232.0	235.0	STGR QTZ-py	50	100	2587	232.0	235.0	0.6	0.3	9	0	0.1		0		3	68			2	9				
						STGR QTZ-py	50	100																					
		@ 236 - tr hem, chl - wk - mod		235.0	238.0	STGR QTZ-py	50	100	2588	235	238.0	0.2	0.4	7	0	0.3		0		2	36	1	2	2	4				
		2mm spec hem + Carb				STGR Q-C	50	100																					
						STGR W QTZ-cp	50	100																					

																		MINERALIZATION											
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WQT-P		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		SILICIFIED QUARTZ - MAGNETITE BRECCIA (CONT)		238.0	241.0	STRGR DQ-P	50	100	2589	238.0	241.0	0.3	0.5	7	0	tr		0		1	3	0		0					
		243.0-244 - flt 1-3 cm		241	244	STGR PQ-P	50	100	2590	241.0	244.0	1.2	0.8	7	0	tr		0		1	36	0		1	8				
						STGR WQP	50	100																					
				244	247	STGR WQP	50	100	2591	244.0	247.0	0.6	1.0	8	0	0.3		0		2	43	0		2	6				
						STGR PQP	50	100																					
		247.7-247.8 - flt 1-3 cm																											
				247	250	STGR PY	70	50	2592	247.0	250.0	1.4	0.9	6	tr	0.5		2	4	2	44	0		2	20				
		248 small bleb spec hem.				"	50	50																					
		+ pyllosilicates 247-250				STGR WQP	50	100																					
		(green)				STGR PQP	50	100																					
		251.5 - 1-2 mm WIRE NATIVE Cu		250	253	STGR PQP	50	100	2593	250	253.0	1.0	0.8	5	tr	0.3		0		3	73	0		4	36				
						STGR WQP	70	50																					
						"	50	50																					
																		QTZ-PY											
		253.9 - STRONG BIO		253	256	VEIN QTZ-PY	70	100	2594	253	256.0	0.3	0.4	9	0	0.2		1	85	1	120	0		0					
		minor spec HEM																											
		256 STRONG BIO ON FRACTURE																											
		SURFACE c̄ cpy																											
				256	259	STGR WQP	50	100	2595	256	259	2	0.2	6	0	tr		1	50	0		0		3	12				
				259	262	STGR PY	70	100	2596	259	262	0.1	0.2	9	tr	0.1		1	2	0		0		2	9				
						STGR WQP	50	100																					
																								QTZ PY					
		263.5 - 25cm GREY QTZ-PY VN		262	265	VN gr QTZ-PY	50	100	2597	262	265.0	0.2	0.3	6	0.2	0.2				2	110	0		1	25				
		c̄ mod. chl.				STGR PQP	50	100																					
		265 chl - mod to strong																											
																								QTZ-PY GREY					
				265	268	VN gr QTZ-PY			2598	265.0	268.0	1.0	0.3	5	tr	tr		0		2	85	0	WQP	1	50				
																								1	4				

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE FROM	TO	TYPE	TCA	%TCA	SAMPLES SAMPLE NUMBER	FROM	TO	MINERALS Py	Cpy	FeOx	Cal	Carb		MINERALIZATION VEINS PYRITE No. Vein	Cum thk	PINK Qz-Py No. Vein	Cum thk	CARB No. Vein	Cum thk	WHITE QZ-py No. Vein	Cum thk	ASSAYS Au	Cu	Ag	Mo
																								GREY					
		SILICIFIED QUARTZ-MAGNETITE		268	271.0	STGR PQP	50	100	2599	268.0	271.0	0.6	0.3	5	tr	tr		0		2	190			1	80				
		BRECCIA (CONT)				VN GREY QTZ-PY	70	100																					
		269.4 - 270.2 - GREY CRACKLE QTZ-PY																											
		VN ~ 1-2% py																											
		* - NATIVE Cu @ 270.2																											
		(PRIMARY) + ON FRACTURE																											
		- wk - mod ser - epi																											
				271	274	STGR PQP	70	50	2600	271.0	274.0	0.8	0.5	7	tr	0.1		0		2	50			1	8				
						"	50	50																					
						STGR WQP	50	100																					
		275-277 - mod. ser - EPI		274	277	STGR PQP	20	100	2601	274.0	277.0	1.2	0.3	8	0	0.1		0		1	2			1	4				
						STGR WQP	50	100																					
						WQP	50	100	2602	277.0	280.0	0.1	tr	8	tr	0.1		0		0		0		2	4				
						PQP	20	50	2603	280.0	283 0	1	1.5	8	tr	0.3		0		3	38	0		1	2				
							50	50																					
						WQP	50	100																					
						PQP	50	100	2604	283.0	286.0	1	0.6	9	0.2	0.6		0		2	94	0		0					
		288.3 - 289.3 - BULL QTZ VN				PQP	50	100	2605	286 0	290.0	2	0.9	8	0.2	0.4		0		1	66	0		1	26				
						WQP	50	100																					
	*	QTZ-MT DYKE 60% MT 40% QTZ							2606	290	291.5	0.2	0.3	13	-	-		-		-		-		-					
		- WELL DISSEMINATED																											
									2607	291.5	294.0	0.2	tr	9	tr	tr		-		-		-		-					
									2608	294.0	297.0	0.2	tr	10	tr	0.2		-		-		-		-					
		BECOMING MORE ALTERED & SERICITE				WQP	50	100	2609	297.0	300.0	0.4	0.2	9	0.1	0.5								1	2				
		CHL + green phyllosilicates																											

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		SILICIFIED QUARTZ - FE OX																											
		REPLACEMENT BRECCIA (CON'T)				PQP	50	100	2610	300.0	303.0	0.3	0.3	11	0.5	0.8		0		1	20	0		0					
																								GREY	QTZ				
						GREY VN QTZ-PY	50	100	2611	303.0	306.0	8.0	1.0	4.0	0.2	1.0		4	27					1	170				
		303.7 - 305.4 - GREY QTZ VN				PY VN	70	25																					
		- CRACKLE					50	75																					
		305.4 flt? - CORE BROKEN TO 2cm																											
306	325	CORE IS INTENSLY ALT. TO SER.							2612	306.0	309.0	tr	tr	4.0	0.2	0.4		0		-		-		-					
		CHL ± BIO, GREEN PHYLLOSILICATES																											
		LITTLE OR NO REPLACEMENT																											
		- CORE BROKEN @ 307.1-308																											
		@ 308.8																											
		· CORE BROKEN @ 309 - 309.8m				PQP	50	100	2613	309.0	312.0	0.6	0.5	7	0.2	0.3		-		2	22	-		-					
						PQP	50	100	2614	312.0	315.0	1.0	0.8	3	0.3	1.0		-		1	23	-		1	2				
		- CORE BROKEN @ 312				WQP	50	100																					
						PQP	50	100	2615	315.0	318.0	1.0	0.9	2	0.2	0.6		2	8	4	95	-		-					
						VN PY	50	100																					
						VN PY	50	100	2616	318.0	321.0	tr	0.2	4	0.2	0.3		1	2	-		-		-					
									2617	321.0	324.0	0.6	0.4	2	tr	0.6		-		-		-		-					
		* NATIVE Cu @ 324.5 - 326.5				PY VN	50	100	2618	324.0	327.0	0.6	1.5	5	0.3	0.3		5	18	7	98	-		-					
		~ 10 - 1mm blebs				PQP	50	100																					
333		MODERATELY ALTERED Q - M							2619	327.0	330.0	0.2	0.2	4	0.1	0.2		-		-		-		-					
		- magnetite decreasing down																											
		hole, py decreasing							2620	330.0	333.0	0.2	tr	3	0.1	0.4		-		-		-		-					
		Sx decreasing																											
	*	- Native Cu on fractures (OXID)							2621	333.0	336.0	0.2	tr	2	0.3	0.4		-		-		-		-					
		CAVE @ 334 ~ 10cm																											

				STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		PINK Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION GRANOID	GRAPHIC LOG	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED, INTRUSIVE +																											
		ALTERED QUARTZ MAGNETITE							2622	336.0	339.0	0.2	tr	1	0.3	0.6		-		-		-		-					
		- mod ser																											
		- str Chl				PQP	50	100	2623	339.0	342	0.3	0.3*	3	0.1	0.3		-		2	85	-		-					
																								GREY					
		* native Cu on oxidized fractures				QZEVQP	50	100	2624	342.0	345.0	0.5	*0.3	1	0.1	0.3		-		-		-		2	127				
																								GREY					
344	363	PREDOMINATELY ALT INTRUSIVE				PQP	50	100	2625	345.0	348.0	0.6	0.6	1	0.1	0.2		-		1	60	-		1	80				
		- MOD SER				GQP	50	100																					
		- MOD CHL																											
		- pyllosilicates (green)							2626	348.0	351.0	0.1	tr	3	tr	0.5		-		-		-		-					
		@351 - hem.				Py VNLT	50	100	2627	351.0	354.0	1.2	0.3	3	tr	0.3		2	8	1	40	-		-					
		CORE BROKEN 346-354				PQP	50	100	2628	354.0	357.0	0.8	0.3	2	tr	0.1		1	2	1	130	-		-					
						Py VNLT	50	100																					
									2629	357.	360.0	0.3	tr	4	tr	0.2		-		-		-		-					
						Py VNLT	50	100	2630	360.0	363.0	0.5	0.3	6	0.1	0.3		1	4	5	110								
						PQP	70	50																					
							50	50																					
363		MEGACRYSTIC K SPAR PORPHYRY				Py VNLT	70	100	2631	363.0	366.0	0.5	0.2	5	0.1	0.2		1	4	4	31	-		-					
		-CLEARLY DEFINED				PQP	70	60																					
						"	50	40																					
						PQP	70	75	2632	366.0	369.0	0.1	0.1	6	0.1	0.2		-		12	35	-		-					
							50	25																					
						PQP	70	50	2633	369.0	372.0	0.2	0.2	5	0.1	0.5		1	2	15	86	2	1	-					
							50	25																					
							20	25																					
						Py VNLT	50	100																					
						Q-C	70	100																					

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALIZATION														ASSAYS			
												MINERALS						VEINS PYRITE		Qz-Py		CARB							
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		(CONT)																											
		K SPAR MEGACRYSTIC PORPHYRY				PQP	70	70	2634	372.0	375.0	0.5	0.3	5	0.1	0.3		1	0.5	13	55	-		·					
		- mod ser					50	20																					
		- wk chl, bio					20	10																					
						Py vnlt	70	100																					
																		Py-QC											
						PQP	70	75	2635	375.0	378.0	0.5	0.3	5	0.1	0.3		2	2	9	52	-		-					
							50	25																					
						Py-QC	70	100																					
						PQP	70	50	2636	378.0	381	0.6	0.2	6	tr	0.3		-		6	33	1	3	-					
							50	50																					
						PQP	70	20	2637	381.0	384.0	0.3	tr	5	0.1	0.3		1	4	6	112	-		-					
							50	80																					
						py vnlt	90	100																					
						PQP	70	40	2638	384.0	387.0	0.4	tr	6	tr	0.2		-		8	58	-		-					
							50	60																					
						PQP	70	20	2639	387.0	390.0	0.4	tr	5	0.1	0.3		-		6	79	-		-					
							50	70																					
							20	10																					
						PQP	70	50	2640	390.0	391.4	0.6	tr	5	0.2	0.4		-		5	47	-	·	-					
							50	50																					
391.4	396.6	MYLONITE SHEAR ZONE				PQP	70	100	2641	391.4	394.1	0.6	tr	7	tr	1.0		-		1	6	-		-					
396.6	408.1	ALTERED PORPHYRY / QUARTZ							2642	394.1	396.6	0.8	tr	6	tr	1.0		-		-		-		-					
EOH		FE-OX REPLACEMENTS																											
									2643	396.6	400.0	0.8	tr	5	0.1	0.5		-		-		-		-					
		- REMNANT K.SPAR FRAGMENTS																											
		- WK TO MOD CHL							2644	400.0	404.0	0.5	tr	7	0.2	0.8		-		-		-		-					
									2645	404.0	408.1	0.4	tr	6	0.2	1.0		-		-		-		-					

EOH

		GEOLOGIC DESCRIPTION				STRUCTURE			SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		PINK Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0	2'.2	CASING.							2468	21.2	24.1	3.0	tr	4	0 1	0.6													
		* NO BLOCK AT START							2469	24.1	27.1	4.0	tr	4	0.2	0.8	tr												
21.2	21.6	RUBBLE - Rounded 2 cm							2470	27.1	30.1	5.0	tr	6	0.1	0 1													
		pieces. Very oxid.																											
						Py stgr	50	100	2471	30.1	33.1	5.0	0.1	5	tr	0.2		2	5										
21.6		ALTERED SILTSTONE																											
		- Lt to med. grey.																											
		- LITTLE TO NO K-SPAR STAIN				Py stgr	50	100	2472	33.1	36.1	6.0	tr	6	tr	0.2		1	4										
		- magnetite 10-20%																											
		- pyrite 10% (very pale-silver)																											
		- vuggy - oxidized FeO on							2473	36.1	39.1	6.0	tr	6	tr	tr													
		calcite remnants.																											
		- little or no Cpy except																											
		for late veinlet. @ 24.1-24.3							2474	39.1	42.1	tr	tr	2	tr	2.5													
		also small blebs of MoS_2 in																											
		Q-C veinlet. + in pyrite vnlts																											
									2475	42.1	45.1	tr	tr	1	tr	4.0													
		- Core broken to 10 cm																											
		py stringers @ 31.0 4 cm							2476	45.1	48.1	tr	tr	2	tr	3.0													
		+ 2 blebs Cp → 33.1 4 cm																											
		35.1 4 cm																											
		- chlorite blebs @ 36.3							2477	48.1	51.1	tr	tr	3	tr	5.0													
		generally weak to moderate																											
		- green mica as bleb @ 51.7							2478	51.1	54.1	20.0	0.8	10	tr	20													
39.1	48.6	- core bleached lt grey to white																											
51.3	56.4	PY - CARB SHEAR ZONE					-		2479	54.1	57.1	15.0	1.0	10	tr	15													
		~ 75% py 25% CARB																											
		- very rotten - crumbly.																											
		- cpy present but spotty.																											

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		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		Pink QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED HORNFELS (CON'T)							2480	57.1	60.1	30	1.0	10	-	6	tr												
	*	57.4 · 58.3 - Py vein with ~ 1% cpy + 0.01% MOS₂							2481	60.1	63.1	3.0	tr	6	-	5													
		From 60.1 - vugs filled with yellow - rusty brown carbonate.							2482	63.1	66.1	1.0	0.3	6	-	3													
									2483	66.1	69.1	0.3	0.2	9	-	3													
	*	- core badly broken 60.2 - 63.1 - core recovery ~ 50%																											
									2484	69.1	72.1	1.8	0.3	10	tr	1.0													
		@69.5 - 2 cm stringer of green mica @ 45° TCA.							2485	72.1	75.1	2.1	0.4	9	tr	0.8													
	*	CORE BADLY BROKEN 75.1 - 79.5 - core recovery ~ 40%							2486	75.1	79.5	1.2	0.4	10	tr	0.6													
79.5	81.1	MAFIC DYKE							2487	79.5	81.1	1.3	tr	-	-	-													
		- medium to dark green with small < 2 mm biotite spots weakly sericitic.							2488	81.1	84.1	0.9	0.5	10	tr	1.0													
	*	CORE BADLY BROKEN From 81.1 - 93.0 Weak K-Spar.							2489	84.1	87.1	1.0	0.5	10	tr	0.6													
		- oxidized surfaces. very hard to estimate mineral content.							2490	87.1	90.1	1.4	0.3	11	tr	1.1													
		- silicified																											
									2491	90.1	93.3	1.2	0.5	9	0.2	0.8													

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED HORNFELS (SILTSTONE)																											
		CON'T.							2492	93.3	96.3	2.0	0.9	10	0.2	1.4													
	*	CAVE AT 99.3 ~ 50% CORE							2493	96.3	99.4	1.6	1.0	10	tr	0.3													
		RECOVERY 96.3-99.4																											
	•	CORE BROKEN 96-114							2494	99.4	102.4	1.5	0.4	9	tr	tr													
		CORE BECOMES MORE COMPETENT																											
		FROM 114 ON. (UP TO 30 cm)																											
									2495	102.4	105.5	0.8	0.6	12	tr	tr													
		@ 108.0 K-spar staining is																											
		moderate.							2496	105.5	108.5	0.9	0.4	10	tr	tr													
									2497	108.5	111.6	0.6	0.5	5	tr	0.1													
						Q-C	70	100	2498	111.6	114.6	0.8	0.7	8	tr	0.8						2	2						
		chlorite alteration weak to mod.																											
		increasing in QTZ-Py veins &				PQ-Py	50	75	2499	114.6	117.7	1.1	0.8	8	0.2	1.0				6	8								
		at margins of veins + veinlets					75	25																					
						PQ-Py	75	60	2500	117.7	120.7	1.2	1.2	9	0.1	0.5				6	42								
							50	40																					
		* NOTE CHANGE IN SAMPLE #'s				PQ-Py	75	30	2901*	120.7	123.7	0.6	0.8	9	tr	0.2				6	48								
							50	60																					
							5	10																					

												MINERALIZATION																	
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED HORNFELS (SILTSTONE)				PQ-Py	75	25	2902	123.7	126.8	0.6	1.1	10	0.2	0.2	tr			4	30								
		CONT.					50	75																					
		- moderate chlorite alteration				PQ-Py.	75	15	2903	126.8	129.8	1.0	0.6	9	0.3	0.1	tr			4	20								
		- weak sericite & biotite					50	25																					
		- K spar alteration is intense				PQ-Py	75	45	2904	129.8	132.9	1.2	0.5	9	0.1	0.2	-			4	24								
							50	25																					
							20	30																					
						PQ-Py	75	25	2905	132.9	135.9	1.6	0.7	10	0.4	tr	tr			8	28								
							50	75																					
						PQPy	75	100	2906	135.9	139.0	1.3	0.9	10	0.1	0.1	0.02			2	14								
						PQPy	75	100	2907	139.0	142	1.0	0.6	9	0.3	1.0	tr			2	10	1	1						
						Q-C	85	100																					
						PQ-Py	75	100	2908	142.0	145.1	1.5	0.9	8	0.2	1.2	0.03			3	5								
	*	healed Q-C shear zone @ 147.9				PQ-Py	75	15	2909	145.1	148.1	1.4	1.3	9	0.3	1.6	0.06			9	125								
		4cm c̄ 2-5% Cpy + 0.5% Mo?					40	35																					
							30	50																					
						PQ-Py	50	30	2910	148.1	151.2	1.2	0.9	11	0.1	0.1	-			3	36								
							20	40																					
							70	30																					
						PQ-Py	40	100	2911	151.2	154.2	1.3	1.2	10	0.4	1.3	—			3	93								
						Py Strg	75	100	2912	154.2	157.3	1.6	0.7	10	0.1	1.0	tr	1	1	15	50	1	3						
						Q-C	85	100																					
						PQ-Py	70	30																					
							45	55																					
							20	15																					

				STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED SILTSTONE (TRANSITION				PQ Py	75	60	2913	157.3	160.3	1.0	0,8	11	0.4	0,8	0.03			9	67								
		ZONE) CON'T.					50	10																					
							20	30																					
		- strong Biotite along margins																											
		of QTZ-Py stringers @ 158.3				PQ-Py	70		2914	160.3	163.4	1.1	0.4	12	tr	tr	-			2	2								
		QTZ-Py VEIN @ 158.7-159.3				PQ-Py	70	70	2915	163.4	166.4	1.5	1.0	9	0.4	1.2	-			5	94								
		UC @ 20° TO CA					55	20																					
							20	10																					
		Core badly broken (4-8cm)																											
		from 160.0 - 166.4				PQ-Py	45	100	2916	166.4	169.5	1.0	0.6	9	0.1	tr	-			7	25								
		165-165.9 QTZ-Py Vein?				PQ-Py	75	75	2917	169.5	172.5	1.8	0.8	7	0.4	1.6	tr	1	1	6	10								
		- badly broken					50	25																					
		- no core angles.				Py	70	100																					
		174.5 - 174.9 - Shear Zone				py shear	45	100	2918	172.5	175.6	3.8	0.7	10	0.1	0.2	0.05	1	40	13	21								
		~ 60% py				PQ-Py	75	70																					
							45	30																					
						PQ-Py	75	70	2919	175.6	1786	1.1	0.7	9	0.2	0.8	-			13	54								
							45	20																					
							D-10	10																					
						PQ-Py	75	60	2920	178.6	181.7	0.6	0.6	9	0.1	0.6	-			17	24								
							45	20																					
							20	20																					
	*	speck native Cu @ 181.7																											
		5cm Q-C chlorite shear @				QC	75	100	2921	181.7	183.8	0.7	0.4	7	0.2	0.8	-			11	43	1	5						
		181.8				PQ-py	75	30																					
							45	50																					
							20	20																					
	*	183.8-184.9 - QTZ-VEIN				QTZ VN			2922	183.8	184.9	0.3	0.4	1	0.3	1.0	-			1	110								
		UC 20° TCA LC 45° TCA				UC	20																						

LC 45

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		White QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED SILTSTONE																											
						PQ-Py	75	90	2923	184.9	187.8	0.2	0.5	7	0.1	0.1	0.03			6	19								
							30	10																					
						PQ-Py	75	30	2924	187.8	190.2	0.3	0.5	8	0.1	0.3	-			10	48								
							40	30																					
							30	40																					
						PQ-Py	75	50	2925	190.2	192.7	0.6	0.5	8	0.3	1.0	-			12	54								
							40	45																					
							25	5																					
						Py vnlt	75	100	2926	192.7	195.7	1.2	0.6	9	0.2	1.2	-	1	10	11	43								
						DQ-Py	75	30																					
							40	60																					
							20	10																					
						Pa-Py	75	20	2927	195.7	199.1	1.4	0.8	10	0.3	1.0	-			14	97								
		197.2 - 198.3 - QTZ/SILTSTONE					45	60																					
		BRECCIA.					20	20																					
									*																				
	*	199.1 - 199.53 - massive pyrite,				UC	43°		2928	199.1	199.53	30.0	2.0	15	tr	tr	1.0												
		qtz, cpy, moly. siltstone				LC	45?																						
		Breccia.																											
		- ~ contents py 50%, qtz 30%																											
		cpy 5%, moly 5%, silt 10%																											
		- pyrite has some banding																											
		at downhole end. (~ 40-45°																											
		- There is a white / lt grey oxid?																											
		coating on the moly.																											
	-	also biotite & chlorite (mod.)																											

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx+	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
199.53	205.7	LT GREEN SEDIMENTS				WQ-py	80	100	2929	199.53	203.0	2.6	0.4	–	–	–								2	8				
		- SILICA FLOODED																											
		* - NO K-SPAR STAIN																											
		- hematite staining around pyrite							2930	203.0	205.7	3.0	0.5	-	-	0.2													
		- Brecciated from 202.4 -																											
		205.7																											
		- foliation @ 50° TCA																											
		- lt brown carbonate bands																											
		interspersed with sed.																											
		- little or no magnetite																											
		@ 203.0 - "Bull" QTZ VEIN - 30 cm																											
		- 204.8 - broken core																											
		· 205.5 - 205.6 - "																											
		contact between sediments +																											
		QTZ - FeO_x Replacement Breccia																											
		- 25° - sharp contact.																											
205.7		QTZ - FeO_x REPLACEMENT				PQ-Py	75	40	2931	205.7	208.7	0.6	0.6	10	-	0.4				13	37								
		BRECCIA / K-SPAR					40	40																					
		MEGACRYSTIC PORPHYRY					10-20	20																					
		- K-spar crystals to 1cm				Py strg	70	100	2932	208.7	211.7	1.0	0.8	11	0.1	0.4		1	2	10	68								
						PQ-Py	70	30																					
		- K spar alteration is intense					40	45																					
							10	25																					
		- chlorite - moderate to strong																											
		sericite - " " "																											
						Py stgr	70	65	2933	211.7	214.1	3.3	0.5	16	0.2	tr		3	5	14	58								
							55	35																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC																											
		PORPHYRY / QTZ-FeOx				PQ-Py	70	100	2934	214.7	216.5	0.8	0.4	18	-	-				5	18								
		REPLACEMENT BRECCIA																											
		(CON'T)																											
									2935	216.5	218.3	0,6	0.4	1	0.6	1.0													
	*	216.5-218.3 - 90% QUARTZ VEIN																											
						PQ-Py	70	30	2936	218.3	221.3	0.7	0.6	18	0.3	0.2				10	60								
		- core is oxidized (rusty) on					40	30																					
		fracture surfaces.					20	40																					
						PQ-Py	70	55	2937	221.3	224.3	0.6	0,4	16	0.1	0,1				13	72								
							40	40																					
							20	5																					
						PQ-Py	90	30	2938	224.3	227.3	0.4	0.5	18	0.1	tr				15	58								
							70	40																					
							45	20																					
							20	10																					
						PQ-Py	90	30	2939	227.4	230.5	0.3	0.4	14	0.2	0.1				14	80								
							70	40																					
							20	30																					
						PQ.Py	85	40	2940	230.5	233.5	0.6	1.4	12	0.3	0.4	0.02			13	96								
							70	20																					
							40	20																					
							20	20																					
						PQ-Py	70	80	2941	233.5	236.5	0.7	0.8	12	0.4	0.5				10	65								
							50	20																					
						Py	85	100	2942	236.5	239.6	0.4	0.5	12	0.2	0.2		1	2	8	137								
						PQ-Py	90	35																					
							70	55																					
							45	10																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		Wh.Qtz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		QUARTZ - FeO_x REPLACEMENT				PQ-Py	85	30	2943	239.6	242.6	1.3	0.4	10	0.1	tr				10	123								
		BRECCIA (CONT)					70	40																					
		(SHEETED QTZ-Py VEINS)					45	30																					
		NOTE: 90% of what are being				PQ-Py	85	50	2944	242.6	245.7	2.0	0.7	6	0.1	tr	tr			12	93								
		called PQ-Py have					40	30																					
		indistinct contacts and					20	20																					
		are not true veins in																											
		this section.				PQ-Py	85	60	2945	245.7	248.7	2.5	1.0	6	tr	tr	tr			11	170								
							45	40																					
		* 245.7-248.9 - 3 QTZ-Py																											
		Veins -				PQ-Py	40	100	2946	248.7	251.9	3.0	0.5	1	01	tr	tr			3	233								
		* 251.9-254.9 - 2 QTZ-Py vns				PQ-Py	70	10	2947	251.9	254.9	4.0	0.5	2	0.2	0.1	tr	2	4	7	181								
		"1 - 85 cm UC 40°					40	60																					
		"2 - 40 cm UC 20°					20	30																					
						Py vnlt	80	100																					
						PQ-Py	70	30	2948	254.9	257.9	3.0	0.4	7	tr	0.1				12	70								
							40	60																					
							15	10																					
						PQ-Py	70	60	2949	257.9	260.9	3.3	0.6	6	tr	0.2	tr			9	67								
							40	40																					
						Py strg	70	50	2950	260.9	263.9	4.5	0.4	10	0.2	0.2	tr	2	2	6	109								
							50	50																					
						PQ-Py	70	60																					
							50	40																					
						WQ-Py	75	100	2951	263.9	267.0	4.0	0.8	12	tr	tr		3	6	8	130		1	7					
						PQ-Py	75	75																					
							50	25																					
						Py	75	100																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		QUARTZ - FeOx REPLACEMENT				Py	75	50	2952	267.0	270.1	4.6	0.6	7	0.3	0.5		2	5	3	200								
		BRECCIA / SHEETED					50	50																					
		QUARTZ - Py VEINS.				PQ-Py	70	75																					
		(CONT)					45	25																					
		267.0-270.1 - 90% QTZ-Py				PQ-Py	70	40	2953	270.1	273.1	1.8	0.3	10	0.1	tr				8	121								
							45	60																					
						PQ-Py	70	50	2954	273.1	276.1	2 3	0.4	10	tr	tr				15	71								
							45	40																					
							20	10																					
	-	weak to mod sericite alt'n																											
						PQ-Py	70	30	2955	276.1	279.2	3.5	1.2	12	tr	tr	tr	2	6	12	63								
	-	moderate chlorite alt'n					45	40																					
							20	30																					
	.	90% of Cpy mineralization				Py stgr	70	100																					
		is in stringers, micro-																											
		fractures. 10% disseminated.				PQ-Py.	70	10	2956	279.7	282.2	3.0	0.6	14	tr	tr				12	111								
							45	45																					
							20	45																					
																								Bull Qtz					
		+ 282.2-283.4 - QTZ-Py-Cpy				WQ-Py	70	100	2957	282.2	285.3	2.5	1.4	9	0.2	0.2				7	173			1	8				
		VEIN				PQ-Py	70	20																					
		- 1.5-2% Cpy in					45	70																					
		stringers & veinlets					20	10																					
						QTZ VN	UC	?																					
						LC	45°																						
																								Bull Qtz					
						PQ-Py	75	20	2958	285.3	288.3	2.0	0.4	12	tr	0.1				7	42			1	5				
							45	20																					
							20	60																					
						PQ-Py	75	20	2959	288.3	291.4	3.0	0.4	14	tr	tr				5	103			1	3				
							45	40																					
							10-15	40																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION																	
												MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		QUARTZ - FeOx REPLACEMENT							2960	291.4	294.4	3.6	0,4	14	tr	0.1				8	54								
		BRECCIA / K-SPAR MEGA-																											
		CRYSTIC PORPHYRY /				WQPy	70	100	2961	294.4	297.5	1.8	0.7	16	tr	0.4				10	80			1	1				
		SHEETED QUARTZ-PY VEINS				PQ-Py	75	20																					
							40	50																					
290.0		K-SPAR MEGACRYSTIC PORPHYRY /					20	30																					
		SHEETED VEINS.																											
		- QTZ-FeOx replacement gradually																											
		fades to 95% porphyry.																											
		- intense K-SPAR STAIN																											
		293.8-294.0 - DYKE - QTZ-																											
		MONZONITE ?																											
		- egigranular, subrounded																											
		to round 1mm qtz																											
		fragments. 20° TCA																											
		297.3 - 297.4 - DYKE as above																											
		20° TCA																											
						PQ-Py	70	30	2962	297.5	299.9	1.0	0.3	12	tr	tr				5	24								
							20	70																					
*																													
2999	300.5	- QTZ - Py - Cpy - Mo VEIN				UC	45°		2963*	299.9	300.5	10.0	80	1	1.2	2.5	1.0												
		- 5cm py @ UC				LC	-																						
		- 2 cm band of cpy																											
		- 1 cm bleb @ Py @ LC																											
						PQ-Py	45	100	2964	300.5	303.6	2.1	0.8	2	1.0	0.6	-			3	150								
		300.6 - 301.75 - QTZ-Py VEIN																											
		UC 50°																											
		LC 40°																											
		@ 303.6 strong Biotite																											

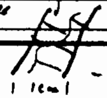
		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QZ-PY		ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC				PQ-Py	70	50	2965	303.6	306.6	1.0	0.3	4	0.2	tr	tr			8	53								
		PORPHYRY / SHEETED					45	50																					
		QTZ-Py VEINS																											
						PQ-Py	45	100	2966	306.6	309.0	1.5	0.5	6	tr	tr	tr			3	200								
		- chlorite mod. to strong.																											
		(especially in QTZ-py veinlets)																											
						Q-C	50	100	2967	309.0	311.7	3.2	0.4	11	tr	tr	tr			6	63	1	2						
		309.0-311.7 - 3 QZ-Py VEINS				PQ-Py	70	30																					
		- mod. Chl, green					45	70																					
		phyllosilicates UC 45°																											
		LC 45°				Q-C	50	100	2968	311.7	315.4	3.5	0.4	12	0.2	0.5	tr			6	43	1	7						
						PQ-Py	50	100																					
						PQ-Py	70	25	2969	315.4	318.0	3.1	0.3	13	tr	tr	tr			9	55								
							50	50																					
							20	25																					
						PQ-Py	70	30	2970	318.0	321.0	1.6	0.4	11	tr	tr	tr			8	54								
							50	40																					
							20	30																					
						Py Stgr	70	100	2971	321.0	324.3	3.6	0.4	7	0.2	0.2	tr	4	3	6	137								
		321.3-321.8 - QTZ-py vein				PQ-Py	50	75																					
		- Sharp UC @ 50°					70	25																					
		- cooled margin																											
									2972	324.3	325.4	-	-	-	-	-	-					13	2						
		324.3-325.4 - MAFIC DYKE																											
		- BIOTITE? numerous																											
		Q-C stringers ±5mm @																											
		75-85° TCA																											
		- mod. K-Spar stain.																											
		indistinct contacts																											

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE FROM	STRUCTURE TO	STRUCTURE TYPE	TCA	%TCA	SAMPLES SAMPLE NUMBER	SAMPLES FROM	SAMPLES TO	MINERALS Py	Cpy	FeOx	Cal	Carb	Mo	VEINS PYRITE No. Vein	PYRITE Cum thk	Qz-Py No. Vein	Qz-Py Cum thk	CARB No. Vein	CARB Cum thk	WHITE QZ-PY No. Vein	WHITE QZ-PY Cum thk	ASSAYS Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC				PQ-Py	70	10	2973	325.4	327.3	1.1	0.8	5	tr	tr	0.02			5	44								
		PORPHYRY (CONT)					50	60																					
							20	30																					
		325.4 - 325.7 - Breccia zone e																											
		contact with dyke				PQ-Py	70	50	2974	327.3	330.3	3.0	0.8	10	0.2	0.4	0.03			8	57								
		- good cp mineralization					50	45																					
							10	5																					
						PQ-Py	70	10	2975	330.3	333.3	3.5	0.4	10	0.1	0.2	-			7	32								
							50	40																					
							20	50																					
		333.3 - 336.4 - Py veinlet w 75%				Py vnlt	70	100	2976	333.3	336.4	5.0	0.6	12	tr	tr	tr	4	20	5	79								
		py, 25% QTZ				PQ-Py	70	50																					
							50	50																					
						PQ-Py	70	60	2977	336.4	339.4	3.0	0.5	10	tr	tr	0.03			4	62								
							45	40																					
						PQ-Py	45	100	2978	339.4	342.4	6.2	0,8	10	tr	tr	0.01	1	2	4	48								
						Py	35	100																					
						PQ-Py	70	70	2979	342.4	345.4	2.1	0.6	13	0.1	tr	tr			4	61								
							45	30																					
						PQ-Py	70	30	2980	345.4	348.4	3.8	0.9	10	tr	tr	0.04			6	36								
							45	70																					
						PQ-Py	70	30	2981	348.4	351.4	4.4	0.6	9	0.2	0.3	tr	2	3	9	81								
							45	60																					
							20	10																					
						Py	45	100																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC				PQ-Py	70	15	2982	351.4	354.5	1.6	0.5	12	0.1	tr	tr			9	100								
		PORPHYRY / SHEETED					45	70																					
		QTZ-Py VEINS (CON'T)					20	15																					
						PQ-Py	75	60	2983	354.5	357.5	1.4	0.5	10	0.1	0.1	tr			9	56								
							50	40																					
						PQ-Py	50	75	2984	357.5	360.5	1.5	0.5	9	0.1	tr	tr			8	32								
							25	25																					
						PQ-Py	85	20	2985	360.5	363.5	2.2	0.8	9	0.1	tr	tr			8	39								
							50	50																					
							20	20																					
							5	10																					
						Py	70	100	2986	363.5	366.5	2.8	0.8	10	tr	0.2	—	1	4	10	100	1	3						
						Q/C	65	100																					
						PQ-Py	75	50																					
							50	40																					
							20	10																					
						PQ-Py	70	15	2987	366.5	369.5	1.9	0.4	12	tr	tr	-			7	81								
							40	35																					
							30	50																					
						PQ-Py	70	40	2988	369.5	372.5	1.8	0.6	10	tr	tr	-			7	57								
							40	60																					
	*	373.3 - 375.7 - QTZ-Py VEIN				PQ-vein	40	100	2989	372.5	375.7	3.4	0.4	2	0.3	0.6	-			1	140								
						PQ-Py	85	20	2990	375.7	378.7	2.7	0.5	8	tr	0.1	-			4	69								
							15	80																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		QZ-PY		CARB		WHITE QZ-PY		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC				PQ-Py	70	25	2991	378.7	381.7	4.6	0.7	10	0.2	tr	-			7	86								
		PORPHYRY / SHEETED QTZ-Py					45	25																					
		VEINS (CONT					20	50																					
						PQ-Py	75	5	2992	381.7	383.7	3.6	0.7	8	0.3	0.2	-			5	38								
							45	15																					
							20	80																					
						PQ-Py	45	80	2993	383.7	386.7	3.0	0.6	6	0.2	0.1	-			7	39								
							20	20																					
						PQ-Py	70	20	2994	386.7	390.0	3.1	1.5	7	0.1	0.1	-			10	65								
							40	40																					
		Chlorite alt'n - mod.					15	40																					
		Biotite " - weak to				PQ-Py	70	10	2995	390.0	393.5	1.9	0.4	8	0.1	0.2	tr			8	66								
		moderate.					40	80																					
							20	10																					
						Py	85	100	2996	393.5	396.5	2.8	0.6	12	0.1	tr	-	1	4	5	138								
						PQ-Py	40	75																					
							15	25																					
						PQ-Py	40	100	2997.	396.5	399.5	3.2	0.5	10	tr	tr				3	39								
		399.5 - 400.7 QTZ-Py VEIN				PQ-Py	60	60	2998	399.5	402.5	2.3	0.4	5	0.3	0.6				3	200								
							40	40																					
						PQ-Py	75	50	2999	402.5	405.4	1.5	0.3	3	0.3	0.4	tr			5	38								
		weak to mod sericite alt'n					45	40																					
							15	10																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		(CON'T)																											
		K-SPAR MEGACRYSTIC PORPHYRY				PY VN.	45	100	3000	4054	408.4	10	0.5	0.5	0.7	2.5	-	3	33	11	71	3	12						
						calcite Q-Carb	30	100																					
		406.8 - 407.0 - Py VEIN ∴ 5% Cp				PQ-Py	45	50																					
		LC @ 45° TCA					30	50																					
405.0	411.0	QUARTZ - SERICITE - PYRITE DYKE				Q-Carb			3001	408.4	410.7	5	0.3	3	1.5	30	-			2	85	1	90						
		~ 10% py				Calcite	45	100																					
		- Pink QTZ - py veinlets within				PQ-Py	30	100																					
		unit with cpy in places.																											
		- also Qtz-carb-calcite (2-4 mm)				Py Vnlt.	45	100	3002	410.7	413.7	7	0.9	2	0.5	1.6	-	2	22	2	18								
		vuggy veinlets with 1-2 mm				PQ-Py	35	100																					
		gouge on contacts + 1-90																											
		cm Bull Qtz - carb - calcite VN				PQ-Py	85	30	3003	413.7	416.7	1.5	0.3	6	0.2	1.2	-			5	115								
		408.5- 409.4					45	50																					
							20	20																					
		* Flt @ 410.7 - 412.5 RUBBLE c̄ ~																											
		10% py				PQ-Py	85	90	3004	416.7	419.7	2.0	tr	12	0.3	0.3	-			10	162								
							40	10																					
		Flt ? 414.3 - 414.7 - Badly Broken																											
		core c̄ brown				PQ Py	80	30	3005	419.7	422.7	1.6	tr	10	tr	tr	—			7	25								
		(chocolate) carb staining					40	40																					
		on fractures					15	30																					
		FLT @ 427.2 5cm gouge 70° TCA																											
						PQ-Py	40	100	3006	422.7	425.7	1.5	tr	11	tr	tr	-			3	25								
425.8	431.5	QUARTZ FLOODED SHEAR ZONE																											
		- INDISTINCT CONTACTS				Py	85	100	3007	425.7	428.7	2.5	0.3	10	tr	tr		1	2	-	-								
		- Shear ∠ 70-85°																											
									3008	428.7	431.7	3.5	0.3	7	tr	tr													
431.5		QUARTZ - FeOx REPLACEMENT BRECCIA																											
						PQ Py	70	50	3009	431.7	434.7	2.5	0.1	14	tr	tr				4	19								
		434.9-435.9- MAFIC DYKE					45	50																					
		LT GREEN - SMALL																											
		<1mm blebs MAGNETITE. QTZ							3010	434.7	437.7	-	tr	5	0.2	tr													
		VEINLETS <1cm c̄ Stringers of																											
		calcite "laddering"																											



FLT @ 437.0 - 437.8 - BROKEN CORE - STRONG CHLORITE

ERAL IN

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		QUARTZ - FEO$_x$ REPLACEMENT																											
		BRECCIA (CON'T)				PQ-Py	20	100	3011	437.7	440.7	0.4	0.2	10	0.4	0.4				4	30								
		- Chlorite alteration is strong																											
						Bx/Shear	UC	45	3012	440.7	443.7	0.5	0.2	4	0.2	–								2	6				
		- biotite " is mod. to					LC	7																					
		strong (stringers)				WQ Py	45	30																					
							25	70																					
440.7	441.9	HEALED BRECCIA/SHEAR ZONE																											
		- HIGHLY SILICEOUS, dk green																											
		(chlorite?) matrix with 5%																											
		py. Rounded & angular qtz																											
(up to 1cm)		fragments with "laddered"																											
		calcite stringers																											
		- very hard (R6)				PQ-Py	40	70	3013	443.7	446.8	0.2	0.3	10	0.2	0.1				4	92			3	7				
							20	80																					
						WQ-Py	45	100																					
		# pyrite is diffuse veinlets				PQ.Py	40	50	3014	4468	449.9	1.5	0.3	14	0.2	0.1	tr	2	3	7	60								
		(~75% pyrite) @ 90° TCA					20	50																					
		+ cutting PQ-Py veinlets. Not																											
		true veins or structures.																											
		# trace Mo @ 447.5 as thin																											
		<1 mm stringer in PQ-Py stringer.																											
		+ 448.9 5 cm zone of																											
		cpy (~2%) in diss				PQ-Py	40	50	3015	449.9	452.9	2.1	03	15	0.2	tr				5	46								
		+ bleb.					20	50																					
									EOH																				
	452.9	EOH																											

HOLE 1220

11842.89 NORTH

25600.05 EAST

496.781 m ELEVATION

LENGTH: 369.1 m

FROM	TO	GEOLOGIC DESCRIPTION	[illegible]	STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		WHITE QZ-PY		ASSAYS			
				FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0	25.6	CASING				RO·Py	50	100	2747	25.6	28.6	1.0	0.9	1.3	2.0	1.2				1	100								
25.6	45.0	ALTERED SILTSTONE / WACKE																											
		"TRANSITION ZONE"							2748	286	31.8	1.2	0.5	2.0	15	12													
		- HEAVY K-SPAR ALTERATION																											
		- CORE BROKEN WITH RUSTY							2749	31.8	34.8	2.2	0.8	2.2	2.6	1.0													
		STAINING ON FRACTURE SURFACES																											
		- Cp mineralization predominately							2750	34.8	37.8	0.9	0.9	3.0	2.1	14													
		disseminated																											
		- numerous calcite veins							2751	37.8	41.1	3.1	0.7	2.3	1.1	0.6													
		(generally leached out)																											
		are present @ 50° TCA				PQ-Py	50	100	2752	41 1	44.1	1.0	0.8	1	1.3	1.1				1	17								
		- Minor chl alteration + ser.																											
									2753	44.1	47.1	1.8	1.2	1.2	0.7	1.0													
		26.3 - 27.3 - Oxidized Qtz py																											
		vein.																											
									2754	47.1	50.1	0.8	0.5	3	05	0.7													
45	61.8	LESS INTENSE KSPAR ALTER.																											
		- WACKE DK GREY																											
		- Brecciated - fragments 0.1 -							2755	50.1	53.1	0.8	0.1	3	0.2	1.0													
		2 cm. subrounded -																											
		siliceous.																											
		- minor ferrous calcite veining							2756	53.1	55.8	2.0	0 2	3	0.2	0.8													
		- cpy content decreases down																											
		hole.																											
									2757	55.8	58.8	1.2	0.2	3	0.8	0.5													
		58.6 - 70.7 Core badly broken																											
		1-5 cm. sharp contacts																											
		· carb. staining on fracture							2758	58.8	61.8	1.4	0.3	4	0.7	0.4													
		surfaces; little or no																											
		oxid.																											

				STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION	[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeO+	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
61.8	82.5	ALTERED GPE/WACKE (CON'T)							2759	61.8	64.8	0.6	0.8	5	1.0	1.0													
		- moderate to intense Ksfar alteration.							2760	64.8	67.8	0.6	0.6	4	0.6	1.1	tr												
		- vuggy ex-calcite veinlets - Tr MO @ 65.4							2761	67.8	70.7	0.0	0.5	4	0.8	0.8													
						WQ-Py	50	100	2762	70.7	73.7	1.1	0.6	4	0.6	0.8								1	15				
		72.5 - Cpy increasing mainly as disseminations.																											
		Also some supergene enrichment in [illegible]							2763	73.7	76.6	0.8	1.7	5	0.2	0.4													
		qz-carb ox. veinlets with Native Cu, covellite,							2764	76.6	79.6	0.5	0.7	5	0.7	0.3													
		bornite, chalcocite				PO VEIN	-	-	2765	79.6	80.5	3.0	0.4	7	2.2	1.4		1	11	1	90								
		stromeyerite (minor amount)				Py veinlet	50	100																					
		80.5-82.5 - Core BROKEN TO 2cm DK GREEN-BLACK							2766	80.5	82.5	0.8	0.9	6	2.0	1.0													
		82.5-82.5 - argillic shear zones with 3% Cpy + 25-35% Py. @ 50° TCA							2767	87.5	85.5	2.5	1.2	4	2.0	2.2													
									2768	85.5	86.5	1.0	0.8	3	2.0	1.4													
									2769	88.5	90.6	0.6	1.0	2	1.0	0.7													
									2770	90.6	93.6	0.7	0.7	2	0.8	0.9													

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
82 5	119.0	K-spar altered Greywacke																											
		(cont)							2771	93.6	96.6	0.6	1.4	3	0.6	0.8													
		- intense K-spar flooding																											
		- core still badly broken																											
		2 - 10 cm.							2772	96.6	99.6	0.9	1.5	4	0.3	0.5													
		- Cpy content up to 3% @																											
		96.6																											
		- minor Calcite veinlets							2773	99.6	102.6	1.2	0.9	4	0.4	0.8													
		(< 1 cm) mostly dissolved																											
		- vuggy.																											
		- minor qtz-py veinlets							2774	102.6	105.6	1.4	1.4	4	0.3	0.3													
		(<1cm) very broken																											
		- cu 90% diss. 10% in																											
		qtz-py veinlets & stringers							2775	105.6	107.7	1.2	1.8	3	0.4	0.3													
						PQ-Py	45	75	2776	107.7	110.7	1.0	1.5	4	0.1	0.4				2	74								
							0-10	25																					
						PQ-Py	70	30	2777	110.7	113.7	1.5	1.4	3	1.2	0.8				10	24								
							50	20																					
							10-20	50																					
		* 113.7 - 116.7 - TALC ON FRACTURES				SHEAR PQ-Py	80	100	2778	113.7	116.7	14	1.2	4	0.4	1 0				1	16								
		10 - 15° TCA				(~50%																							
						Py)																							
	*	119 - K-spar alteration is				PQ-Py	70-80	20	2779	116.7	119.7	1.2	1.8	3	2.1	1.6				5	76								
		diminished (~ 25%). Cpy				"	50	20																					
		values decreasing as well				"	20	50																					
						"	10	10																					
		- Chl & bio & ser weak																											
		to moderate				Pq-Py	70	40	2780	119.7	122.5	0 8	0.9	2	1.4	1.0				5	67								
							50	40																					
							10-20	20																					

				STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		Qz-Py		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED GREYWACKE (CONT)																											
119.0						PQ-Py	70	100	2781	122.5	125.7	0.8	0.7	5	0.6	0.3				3	6								
		- WEAK TO MODERATE K-SPAR																											
		FLOODING																											
						PQ-Py	70	30	2782	125.7	128.7	3	0.5	3	2.2	1.2				5	16								
		- CORE MORE COMPETENT					50	20																					
		(UP TO 40 CM)					20	50																					
						Py STGR	45	100	2783	128.7	131.7	4.2	06	25	2.2	18		1	2	8	18								
						DQ-Py	70	80																					
							50	10																					
							20	10																					
						PQ-Py	70	80	2784	131.7	135.1	2.5	0.4	4	1.0	1.2				6	62			2	18				
							50	10																					
							20	10																					
						UQ-Py	50	100																					
						PQ-Py	70	50	2786	135.1	137.3	3.1	0.6	3	1.2	0.8				2	5			3	3				
							50	50																					
						UQ-Py	50	75																					
							20	25																					
		138.2 - 140.1 - SILICIFIED ALTERED							2786	137.5	140.7	4	0.3	4	0.9	14													
		SHEAR ZONE.																											
		- Mo on fractures & 1																											
		bleb (1cm)																											
		- 30% pink qtz veinlets																											
		at all orientations																											
						Py STGR	70	50	2787	140.7	143.7	2.5	0.5	3	0.8	1.2		3	8	6	30								
							10-20	50																					
						PQ-Py	70	50																					
							50	50																					

M [redacted] I/A [redacted]

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
ROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		ALTERED KSPAR FLOODED																											
		GREYWACKE / SILTSTONE				PY STGR	70	50	2788	143.7	146.7	4	0.8	6	0.9	1.2	tr	3	6										
							5	50																					
		· intense K spar alteration																											
		· minor Chl + bio alt'n				PQ-Py	70	75	2789	146.7	149.7	3	0.7	8	0.8	1.2				3	25								
							50	25																					
		149.7 Cpy increases to 1-1.5%				PQ-Py	70	45	2790	149.7	152.7	3.5	1.2	7	0.9	1.3				8	62								
		Cpy. Mt also increases					50	25																					
		Cpy w/ QTZ-Py veinlets +					20	30																					
		stringers + disseminated																											
						PQ-Py	70	35	2791	152.7	155.7	3	1.4	9	0.8	0.6				5	14								
							50	35																					
							70	30																					
						PQ-Py	70	30	2792	155.7	158.7	4	1.3	10	1.8	1.0				8	32								
							50	30																					
							20	40																					
						PQ-Py	70	50	2793	158.7	161.5	5	1.0	11	0.7	0.9	0.05			2	30								
							50	50																					
163.3		K-SPAR ALTERED MEGACRYSTIC				PQ-Py	70	75	2794	161.5	163.3	2.1	0.7	7	0.3	0.2	tr			5	8								
		PLAGIOCLASE PORPHYRY.					50	25																					
		- intense K-Spar altn				PQ-Py	70	60	2795	163.3	166.1	0.5	0.5	9	02	04				7	60								
		- pink phenocrysts					50	30																					
							20	10																					

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz Py		CARB		WQ Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeO+	Cal	Carb	MoS2	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR ALT. MEGACRYSTIC																											
		PORPHYRY				Pq-Py	70	50	2796	166.1	169.1	.3	0.8	6	0.2	0.8	0.02			5	74								
							50	50																					
		- intense K-spar flooding																											
						Pq-Py	70	40	2797	169.1	172.1	1.0	0.3	7	0.1	0.2	tr			5	28								
		- numerous pink quartz-py					50	60																					
		stringers & veinlets mostly																											
		@ 70° + 50° TCA 90% of				Pq-Py	70	80	2798	172.1	175.1	0.8	0.4	8	0.7	0.6	tr			3	36								
		which has cpy.					50	20																					
		Chalcopyrite is also dissem.																											
		throughout porphyry matrix				Py stg	70	100	2799	175.1	178.1	1.8	0.9	8	0.3	0.8	0.02	1	2	6	53								
		usually associated with				Pq-Py	70	60																					
		magnetite. Moly usually					50	40																					
		small blebs associated																											
		with cpy but rarely in				Pq-Py	50	100	2800	178.1	181.1	1.6	1.2	7	0.2	0.7	0.02			2	28								
		minute stringers < 1mm with																											
		py.				WQ-Py	50	100	2801	181.1	184.2	1.5	0.8	8	0.8	0.8	tr			5	25			1	4				
						Pq-Py	70	80																					
		- weak chl + bio alteration					50	20																					
						Py Stgr	70	50	2802	184.2	187.2	1.9	1.2	9	0.2	1.4	0.01	2	2	4	51								
							50	50																					
						PQ-Py	70	50																					
							50	50																					
						Pq-Py	70	30	2803	187.2	190.2	2.6	0.5	8	1.5	2.0	-			3	8								
							50	40																					
							20	30																					
		190.6 - 191.3 - silicified - py rich				Q-C	20	100	2804	190.2	193.0	8	3.0	6	2.5	3.0	-	2	8	3	60	1	1	1	1				
		Brecciated vein. with				Py veinlet	80	100																					
		~20% py 5-7% Cp				PQ-Py	70	25																					
		1cm carb. stringers.					50	75																					
						WQ-Py	70	100																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		white Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeO+	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR ALTERED MEGACRYSTIC																											
		PORPHYRY (CON'T)				Q-C	50	100	2805	193.0	196.0	2.2	0.7	8	2.2	2.4	0.07	2	8	7	60			1	1				
						Py STGR	50	100																					
	*	193.5 - 2mm MoS2 on fracture				PQ-Py	70	50																					
		surface					50	45																					
							10-20	5																					
	**	Molybdenum values increasing																											
		down hole but occur				Q-C	70	100	2806	196.0	199.0	2.5	0.9	10	2.2	1.8	0.03			5	16	1	2						
		enriched zone between				PQ-Py	70	40																					
		160 m -					50	40																					
							20	20																					
		- Calcite - moderate																											
		<increasing down hole				Py s'gr	70	50	2807	199.0	202.7	3.5	1.2	13	1.6	1.8	0.01	4	3	6	31								
		- Biotite - weak to moderate					50	50																					
						PQ-Py	70	70																					
		- Phyllosilicates present in					50	30																					
		veins and veinlets.																											
						PQ-Py	70	50	2808	202.7	204.9	2.4	0.8	6	1.8	0.8	tr			5	127								
		- Veins >0.25 m chl 2-4%					50	50																					
						PQ-Py	70	40	2809	204.9	207.0	4.2	0.2	8	2.6	1.0				7	10								
							50	50																					
							20	10																					
						PQ-Py	70	70	2810	207.0	209.2	2.6	0.3	11	0.9	0.6				3	75								
							50	80																					
						PQ-Py	50	100	2811	209.2	211.0	4.0	0.7	10	1.4	0.3				5	48								
		K spar alteration still intense				PQ-Py	70	50	2812	211.0	214.0	3.6	0.6	12	0.8	1.1	0.02			6	95								
		@ 219.0 m					50	50																					
							70	50	2813	214.0	217.0	3.0	0.7	9	1.8	1.0				12	87	1	1						
							50	50																					
						Q-C	50	100																					

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		Whit Qz-Py		ASSAYS			
				FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR ALTERED MEGACRYSTIC																											
		PORPHYRY (CON'T)				WQ-Py	70	100	2814	217.0	220.0	1.5	0.4	10	1.5	0.6	tr			4	25			1	1				
						PQ-Py	70	80																					
							50	20																					
						PQ-Py	70	100	2815	220.0	223.0	1.9	0.2	10	1.4	1.0	-			2	28								
						PQ-Py	70	60	2816	223.0	227.0	1.2	0.5	8	0.9	1.1	tr			14	54								
							50	30																					
							20	10																					
						PQ-Py	70	50	2817	227.0	230.1	0.8	0.4	7	1.5	0.8	tr			8	113								
							50	40																					
							20	10																					
						PQ-Py	70	60	2818	230.1	233.0	1.8	0.3	9	0.7	0.9	-			18	65								
							50	20																					
							20	20																					
						PQ-Py.	70	70	2819	233.0	235.8	1.5	0.3	7	1.2	0.8	tr			14	82								
							50	10																					
							20	20																					
						PQ-Py	70	40	2820	235.8	238.8	3.3	0.4	11	1.5	0.8	·			8	65								
							50	50																					
							20	10																					
238.8	239.4	BIOTITE DYKE				UC	50°		2821	238.8	239.3																		
						LC	50°																						
		- no sulphide mineralization																											
		~ 30% "Bull" QTZ				Qz Py	70	60	2822	239.3	242.3	0.9	0.7	12	0.9	1.1		1	30	14	96								
							50	30																					
240.8	241.1	Pyrite vein - badly broken.					20	10																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITIC		Qz·Py		CARB		WHITE Qz·Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	MO	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		KSPAR MEGACRYSTIC																											
		PORPHYRY (CON'T)							2823	242.3	244.7	1.3	0.6	1	0.3	0.6	tr												
242.3	244.7	PINK QUARTZ VEIN				UC	60																						
		@238.4 - 1cm Cpy in carb.				LC	65																						
		bleb.																											
						PQ-Py	70	45	2824	244.7	247.8	2.0	0.3	9	1.6	0.8	tr			10	34								
							50	45																					
							20	10																					
						Py STKR	50	100	2825	247.8	250.8	2.5	0.6	9	0.8	0.6		1	4	4	6								
						PW-Py	70	30																					
							50	60																					
							20	10																					
		- weak to moderate Chl																											
		alteration.				PQ-Py	70	80	2826	250.8	254.0	3.0	0.3	4	0.2	2.0				12	90								
							50	20																					
						WC	70	50	2827	254.0	257.0	0.5	1.0	4	1.0	2.8	tr	2	2	5	19	3	5						
							50	50																					
						Py	70	50																					
							10	50																					
						PQ-Py	70	50																					
							50	50																					
						PQ-Py	70	50	2828	257.0	260.1	0.3	0.7	3	0.4	0.4	tr			10	36	1	5	2	2				
							50	30																					
							20	20																					
						Q-C	70	100																					
						WW-Py	50	100																					
						PQ-Py	70	50	2829	260.1	263.1	5	0.3	5	0.4	0.6	tr			9	29								
							50	25																					
							20	25																					

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QZ-Py		ASSAYS			
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		KSPAR MEGACRYSTIC				Po-Py	80	100	2830	263.1	266.1	1.5	0.6	6	0.7	3.0	tr			6	30	1	4						
		PORPHYRY (CONT)				Q-C	70	100																					
.66.7	269.1	Mt - Carb BRECCIA ZONE + QTZ																											
267.1	267.4	MAGNETITE - HEMATITE DYKE							2831	266.1	269.1	6.0	0.5	20	0.5	0.6	tr												
		- intense K-Spar flooding							2832	269.1	272.1	1.2	0.2	7	tr	0.2	tr												
		269.1 - from 269.1 on,				Carb	50	100	2833	272.1	275.1	0.4	tr	8	tr	0.8	-					1	4						
		absense of QTZ-Py																											
		Stringers, veinlets & veins							2834	275.1	278.1	0.4	tr	3	tr	0.2	-												
		∴ very low diss Cpy																											
		only.							2835	278.1	281.1	0.6	0.2	2	2.0	1.0	0.02												
		274.0 - 4 cm carbonate							2836	281.1	284.1	0.6	0.3	4	0.5	1.2	-												
		stgr with 1cm bleb																											
		of fluorspar.							2837	284.1	287.1	0.6	0.1	7	0.1	0.2	-												
		276.0 - 289.9 core becoming				PQP	50	100	2838	287.1	290.1	0.8	0.3	7	0.2	1.0	-			1	7								
		less competent, core																											
		is rubble (< 5 cm)				PQr	50	100	2839	290.1	293.1	0.9	0.3	10	0.1	0.3	-			1	100								
		from 279 - 280.																											
		282.7 - 284.6				Q-C	90	100	2840	293.1	296.1	1.4	0.1	11	tr	2.0						1	5						
		284.8 - 284.9																											
		287.0 - 287.1				Py Vnlt	90	100	2841	296.1	299.1	7	0.1	9	0.2	2.0		2	15	1	7	1	3						
		288.2 - 288.3				Po-Py	70	100																					
						Q-C	80	100																					
		291.7 - 292.7 PINK QTZ - Py VN																											
		- core broken to 5cm				Py Vnlt	45	100	2842	299.1	302.1	8	tr	5	1.3	3.0		1	20			1	4						
		- minor Sx				Q-C	50	100																					
		"																											
		302.1 - 305.5 SHEAR ZONE				WQPy	80	100	2843	302.1	303.6	2.1	tr	6	0.2	2.5								1	20				
		- carbonate healed.																											
		foliation 60-65° TCA				Py	70	100	2844	303.6	306.4	0.8	tr	13	tr	3.5		1	1					5	12				
		WHITE QTZ veinlet 303.4 - 303.6				WQ-Py	70	100																					
		305.5 - 306.2 - KPAR Py																											

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		K-SPAR MEGACRYSTIC PORPHYRY																											
		(CONT)																											
306.4	307.1	QUARTZ - Py VEIN				UC	50		2845	306.4	307.1	0.8	tr	1	1.0	0.2													
						LC	50																						
						PQ-Py	50	20	2846	307.1	310.1	3.0	tr	6	0.4	0.4				2	24	2	12						
							20	80																					
						Q-C	50	100																					
						PQ-Py	70	20	2847	310.1	313.1	1.5	tr	10	0.8	tr				7	28								
							50	60																					
							20	10																					
							0	10																					
						PQ-Py	70	70	2248	313.1	316.1	1.0	tr	13	1.0	tr				11	38								
							50	30																					
						Py strg	85	100	2849	316.1	319.1	0.5	tr	6	0.5	3.0		1	1	5	17	2	5						
						Q-C	80	50																					
							40	50																					
						PQ-Py	80	80																					
							30	20																					
						PQ-Py	70	50	2850	319.1	322.1	1.5	tr	3	0.7	1.8				4	22								
							45	30																					
							30	20																					
	#	FLT @ 3199 1cm gouge.		319.9		FLT	80																						
	#	FLT @ 321.3 1cm gouge.		321.3		FLT	80																						
						PQ-Py	60		2851	322.1	325.1	0.3	tr	5	0.6	0.3				7	27								
							40																						
						PQ-Py	70	10	2852	325.1	328.7	0.8	tr	3	0.7	0.6				3	16								
							45	90																					
	#	FLT @ 324.95 - 325.0 2.0cm		324.95	325	flt	50																						
		gouge.																											

		GEOLOGIC DESCRIPTION	STRUCTURE					SAMPLES			MINERALS					MINERALIZATION VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		KSPAR MEGACRYSTIC PORPHYRY																									
		(CON'T)			Py	70	100	2853	328.7	331.1	5	0.2	17	0.8	1.2	2	3	4	28								
328.7	369.1	HORNFELS SILTSTONE			PQ-Py	70	60																				
	EOH	- MODERATE TO INTENSE K-SPAR.				45	40																				
		- CONTACT @ 20° TCA																									
			331.1	332.4	QTZ VN	80?		2854	331.1	333.0	3	0.1	10	1.2	0.1			1	130								
		- approx 30% mt alteration																									
		for the first 2 metres																									
		gradually lessening down			PQ-Py	70	50	2855	333.0	336.0	1.4	0.3	16	0.7	0.1			5	26								
		hole to < 10%				50	15																				
						20	35																				
		- numerous qtz-stringers (1-2cm)																									
		at various angles			PQ-Py	70	25	2856	336.0	339.0	3.0	0.2	11	0.8	0.3			11	77								
		(approx 50 / metre)				50	50																				
						20	25																				
		331.1-332.4 PINK QTZ-PY VEIN																									
		- INDISTINCT CONTACTS			PQ-Py	70	60	2857	339.0	342.0	2.5	0.1	8	1.2	0.4			11	77								
						50	30																				
						20	10																				
		- Chlorite · moderate																									
					QC	75	100	2858	342.0	345.0	1.8	0.1	9	1.2	0.6			12	150	1	3						
					PQ-Py	70	50																				
						50	50																				
					Py	45	100	2859	345.0	348.0	2.0	0.3	10	0.2	0.2	1	1	9	78								
					PQ-Py	70	50																				
						50	50																				
					Py	45	100	2860	348.0	352.0	1.9	tr	11	0.3	0.4	3	2	12	74								
					PQ-py	70	50																				
						50	50																				
	*	352.4-354.0 PINK QTZ-Py			PQ-Py	45	100	2861	352.0	354.0	1.0	tr	5	1.4	0.6			3	160								
		VEIN																									

			STRUCTURE						SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeO+	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
						Pu·Py	70	30	2862	354	357.0	19	tr	11	0.6	0.2				7	63								
		HORNFELS SILTSTONE					45	20																					
							20	50																					
		• 50% QTZ veining																											
						Pu·Py	70	80	2863	357.0	360.0	1.2	0.2	8	0.9	1.0				8	98								
							50	20																					
						Fe·Py	90	10	2864	360.0	363.0	0.8	tr	6	1.2	0.4				5	175								
							70	40																					
							50	25																					
							20	25																					
						Pu·Py	70	25	2865	363.0	366.0	1.2	tr	6	0.7	0.4				6	33								
							45	50																					
							20	25																					
	369.1	EOH				PQ·Py	70	30	2866	366.0	369.1	1.3	tr	7	0.3	0.2				3	93								
							50	30																					
							20	40																					

HOLE 1221

11978.53 NORTH

25117.19 EAST

490.304 m ELEVATION

LENGTH: 312.1 m

Hole No.1221 Pg. 1 of 1

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALS						VEINS PYRITE		PINK Qz-Py		CARB		WHITE QTZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	K SPAR	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0	9.1	CASING				PQ-Py	50	100	2646	9.1	13.0	0.4	0.3	2	0.2	0.4	No	–		3	59	–		1	2				
						WQ-Py	50	100																					
9.1	13.0	GREYWACKE																											
		- multiple pink quartz-py																											
		veinlets comprising ~ 3% overall																											
13.0	16.0	K SPAR ALTERED GREYWACKE				PQ-Py	70	40	2647	13.0	16.0	0.6	0.1	3	0.2	0.6	YES	–		5	20	–		2	4				
		· minor Chl + bio					50	60																					
						WQ-Py	70	100																					
16.0	22.0	GREYWACKE WITH KSPAR				PQ-Py	70	50	2648	16.0	19.0	0.3	0.3	2	0.4	1.2		–		4	24	3	2	4	13				
		ALTERATION					50	50																					
		- Mod to strong Chl + Bio				WQ-Py	70	100																					
						Q-C	70	100																					
						PQ-Py	50	85	2649	19.0	22.0	1.0	0.2	3	0.4	0.8	YES	–		6	38	–		4	3				
							20	15																					
						Q-C	70	100																					
22.0	24.0	LT. GREY INTENSE K SPAR				PQ-Py	70	10	2650	22.0	24.0	1.2	0.3	4	0.6	1.5	YES	–		10	55	–		1	2				
		ALTERED GREYWACKE					50	70																					
							20	20																					
						WQ-Py	70	100																					
24.0	26.9	GREYWACKE - LESS ALTERED				PQ-Py	70	5	2651	24.0	26.9	0.4	0.4	1	0.4	0.6	YES	–		5	55	–		1	2				
							50	10																					
							20	85																					
						WQ-Py	70	100																					
		27.1 - 27.4 - CAVE																											
		- rubbly QTZ				PQ-Py	70	5	2652	26.9	30.6	10	0.2	3	0.3	1.2	YES	–		9	100	–		–					
							50	90																					
							20	5																					

Hole No. 1221 Pg. 2 of /

		GEOLOGIC DESCRIPTION				STRUCTURE			SAMPLES			MINERALIZATION																	
												MINERALS						VEINS								ASSAYS			
																		PYRITE		Qz-Py		CARB							
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
30.6	34.3	TRANSITION ZONE				PQ-Py	70	40	2653	30.6	34.3	0.6	0.2	7	0.3	0.6		–		6	60	-		-					
							50	55																					
		K SPAR ALTERED INTRUSIVE					20	5																					
		+ SILICIFIED QUARTZ-MAGNETITE																											
		REPLACEMENT BRECCIA																											
34.3	37.4	MOSTLY K SPAR ALTERED				PQ-Py	70	5	2654	34.3	37.4	0.8	0.4	6	0.4	1.4		–		8	100	1	2	–					
		GREYWACKE c̄ MINOR					50	5																					
		ALTERED INTRUSIVE					20	90																					
						Q-C	70	100																					
37.4	41.5	SILICIFIED QUARTZ-MAGNETITE				PQ-Py	70	70	2655	37.4	41.5	1.2	0.5	8	0.5	1.2		-		8	85	3	5	-					
		REPLACEMENT BRECCIA					50	50																					
							20	30																					
		- mod. ser, chl + bio alt.				Q-C	70	100																					
41.5	43.6	ALTERED GREYWACKE				PQ-Py	50	100	2656	41.5	43.6	0.4	0.3	2	0.5	0.6		–		1	10	-		1	5				
						WQ-Py	70	100																					
43.6	55.6	ALTERED MEGACRYSTIC KSPAR				PQ-Py	50	60	2657	43.6	46.6	1.0	0.5	8	0.3	0.7		–		7	50	-		-					
		PORPHYRY					20	40																					
		- mod. ser, bio, chl. alt																											
						PQ-Py	50	100	2658	46.6	49.6	0.5	0.3	6	0.2	1.4		-		8	100	-		-					
						PQ-Py	50	75	2659	49.6	52.6	0.6	0.6	8	0.5	1.0		–		4	76	–		-					
							20	25																					
						PQ-Py	50	25	2660	52.6	55.6	1.5	0.4	9	0.2	1.6		-		6	95	1	2	-					
							20	75																					
						Q-C	20	100																					

Hole No. 1221 Pg. 3 of 1

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						MINERALIZATION VEINS PYRITE		Qz-Py		CARB		white Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mc
55.6		SILICIFIED QUARTZ - MAGNETITE				WQ-Py	50	25	2661	55.6	58.6	2.0	0.7	11	0.2	0.6		-		-		-		6	100				
		REPLACEMENT BRECCIA					20	75																					
		57.3 - 57.4 - CAVE				WQ-Py	70	50	2662	58.6	61.6	1.8	0,8	8	0.4	1.2		-		-		-		5	51				
							50	50																					
						WQ-Py	70	30	2663	61.6	64.6	0.6	0.4	8	0.2	0.4		-		-		-		6	45				
							50	70																					
						WQ-Py	70	20	2664	64.6	676	0.6	0.5	6	0.1	0.5		-		-		-		4	68				
							50	30																					
		- mod. ser. Chl. bio alteration					20	50																					
		phyllosilicates (green)																											
						WQ-Py	70	50	2665	67.6	70.6	0.8	0.8	7	0.2	1.1		-		-		-		8	111				
							50	50																					
						WQ-Py	70	40	2666	70.6	73.6	0.8	0.4	5	0.2	1.2		-		-		-		12	108				
							50	50																					
							20	10																					
						WQ-Py	70	10	2667	73.6	76.6	0.7	0.4	8	0.2	1.0		-		-		-		6	112				
							50	60																					
							20	30																					
		76.6 - White Qz - py veinlets				PQ-Py	70	10	2668	76.6	79.6	2.2	0.8	6	0.2	1.0		-		2	29	-		-					
		decreasing & pink - Qz					50	60																					
		increasing					20	30																					
		- Cp increasing down hole				PQ-Py	70	50	2669	79.6	82.6	2.5	0.6	8	0.1	0.5		-		2	100	-		1	17				
							20	50																					
	*	82 - 83.2 · 90% pink QTZ VN				WQ-Py	20	100																					
		c̄ ~ 2-3% cpy							2670	82.6	85.6	3.5	2.6	10	0.1	0.2				3	185	-							
						PQ-Py	20	100																					

		GEOLOGIC DESCRIPTION	STRUCTURE						MINERALIZATION SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QZ-PY		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
		SILICIFIED QTZ - Fe OXIDE				PQ-py	50	100	2671	85.6	88.6	3.0	2.4	8	0.2	0.4		-		4	48	-		-					
		REPLACEMENT 3x																											
		- numerous pink QTZ-py				PQ-py	70	50	2672	88.6	91.6	2.5	1.8	9	0.2	0.3		-		2	62	-		-					
		vn's + veinlets					50	50																					
	*	86.5 - 89.2 pink QTZ-py vn				WQ-py	70	100	2673	91.6	94.5	1.3	0.5	11	0.2	0.5		-		-		-		2	12				
		c̄ ~3% cpy																											
	*	96.4-97.6 - QZ VN				WQ-Py	50	100	2674	94.5	97.6	1.0	0.6	6	0.2	1.4								1	120				
		- CORE BROKEN TO 2cm																											
						WQ-Py	50	100	2675	97.6	100.6	10.0	0.7	8	0.4	2.0		1	30	2	24	3	3	3	70				
	*	99.5-99.8 - MASSIVE py veinlet				PQ-Py	50	100																					
						py vnlt	50	100																					
						Q-C	70	75																					
						"	20	20																					
						WQ-py	50	100	2676	100.6	103.6	2.0	0.3	9	0.2	1.2		2	3					4	27				
						py	70	50																					
							50	50																					
						PQ-Py	50	100	2677	103.6	106.7	3.6	0.3	11	0.2	1.5		2	7	1	4			4	147				
	*	105.9 - 106.7 WQZ-py vein				WQ-Py	50	100																					
						py	50	100																					
106.7		QUARTZ - MAGNETITE STKWORK							2678	106.7	109.7	1.2	0.6	10	0.2	1.0		-		-		-		-					
		- very little replacement.																											
						Py vlt	50	75	2679	109.7	112.5	2.4	0.2	9	0.2	1.6		4	10			1	3						
							20	25																					
						Q-C	50	100																					
	*	112.5-113.0 80% py vn				Py vn	70	100	2680	112.5	115.5	10.0	0.5	8	0.6	2.2		2	61										

Hole No. 1221 Pg. 5 of

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		white Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
		QUARTZ-MAGNETITE STOCKWORK (CONT)							2681	115.5	118.5	1.3	0.5	9	0.1	2.0		–		–		–		–					
									2682	118.5	121.5	1.0	0.5	11	0.2	1.4		–		–		–		–					
		- minor Chl, bio alteration																											
						Pq-Py	50	100	2683	121.5	124.5	0.8	0.1	10	0.1	2.0		–		1	7	–		–					
						Pq-Py	70 50	25 75	2684	124.5	127.6	0.3	0.2	9	0.2	1.5		–		3	38	–		–					
						Pq-Py	50	100	2685	127.6	130.6	1.0	0.8	9	tr	0.8		–		2	35	–		–					
						Pq-Py	50	100	2686	130.6	133.6	0.6	0.4	10	tr	0.2		–		1	23	–		–					
						Pq-Py	70	100	2687	133.6	136.4	1.0	0.2	11	0.1	0.8		–		1	21	–		–					
	+	White quartz vein - very little mineralization <1% mt, ser + chl <0.2% alteration.				Wq-Py	70	63	2688	136.6	139.7	0.1	0.3	10	0.1	0.6		–		–		–		1	63				
						Pq-Py	70°	100	2689	139.7	144.1	3.0	0.5	12	0.1	1.0		1	5	2	26								
						Py unit	70	100																					
144.1	152.6	ANDESITE DYKE			UC	DYKE	50°		2690	144.1	148.3																		
					LC		50°																						
	*	@ 149.1 FLT 1 cm gouge				FLT	50		2691	148.3	152.6							–		–		5	5	–					
						Carb	70	20																					
		- 5 - 1cm carb STGRS from 150.5 - 152.6					50	80																					
152.6	165.8	QUARTZ - MAG. STOCKWORK (CON'T)				Py stgr	70	100	2692	1526	155.6	0.6	0.1	12	tr	0.8		2	1	–		–		–					
		- magnetite content increases after DYKE.				Pq-Py	50	100	2693	155.6	158.6	1.2	0.6	15	0.1	1.0		–		2	31	–		–					
						Py stgr.	50	100	2694	158.6	161.7	3	0.5	15	tr	0.3		1	2	–		–		3	44				
						Wq-Py	50	100																					

Hole No. 1221 Pg. 6 of 1

												MINERALIZATION																	
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		Stockwork gradually fades to																											
						Py vnlt	40	100	2695	161.7	164.7	4.0	0.6	16	0.3	2.0		1	3										
165.8	191.4	SILICIFIED QUARTZ - FE OXIDE																											
		REPLACEMENT BRECCIA				wq-Py	50	100	2696	164.7	167.7	0.6	0.3	11	tr	1.2								2	30				
		- mod. ser + chl + bio				Py vnlt	50	100	2697	167.7	170.7	2.8	0.2	12	0.3	2.0		2	6										
		alteration																											
									2698	170.7	173.7	3.0	0.2	9	0.2	1.2													
		- phyllosilicates abundant																											
		(green)				py vn	50	100	2699	173.7	176.7	5.0	0.2	10	0.3	1.5		1	40			1	3						
						Q-C	50	100																					
	*	175.2 - 175.6 - Vuggy QTZ-py																											
		vein with 50% QTZ							2700	176.7	1800	1.2	0.2	8	tr	1.2													
		25% py + 25% spec																											
		hematite (w/ acicustic				py strg	50	100	2701	180.0	183.1	1.5	0.3	10	0.2	1.5		1	3										
		+ 1cm)																											
		@ 175 3 cm bleb of green							2702	183.1	185.2	2.2	0.4	10	0.4	1.5													
		biotite? + sericite.																											
						Q-C	70	100	2703	185.2	188.2	1.8	0.3	11	0.5	1.5		1	5			1	3						
		- Chlorite alteration becoming				py strg	70	100																					
		strong w 174.0 - 178.0 m																											
						Q-C	70	100	2704	188.2	191.2	1.3	0.6	12	0.4	1.5						1	2						
191.4	194.1	75% Pink Qtz-Py vein + 25%							2705	191.2	194.1	2.3	0.6	8	0.8	1.7													
		siliceous qtz-FeOx replacement																											
		Breccia																											
194.1	197.5	**Pink QUARTZ - Py VEIN**				Py vnlt	70	25	2706	194.2	197.5	3	0.3	3	0.4	2.5		4	10			2	4						
							50	75																					
		- Py stringers (w/ mm) every 0.5 m				Q-C	50	100																					
		@ 45-50° c̄ w 3% cp in strg.																											
		w 3-5% carb in stringers.																											
197.5		SILICIFIED QUARTZ - FeOx				wq-Py	20	100	2707	197.5	200.5	1.0	0.5	7	0.1	0.6								1	20				
		REPLACEMENT BRECCIA																											
		(CONT)																											

Hole No. 1221 Pg. 7 of 1

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION														ASSAYS			
												MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py					
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	H
197.5		SILICIFIED QUARTZ - Fe OX				PQ-Py	50	100	2708	200.5	203.5	10	0.6	7	0.2	0.6		3	200										
		REPLACEMENT BRECCIA (CONT)																											
						Py Stgr	50	100	2709	203.5	206.3	0.5	0.4	9	0.2	1.4				1	2								
	*	PINK QTZ - Py VEINS with																											
		196.6 - 197.5 ^ 10% Py < 1% Cu																											
		201.3 - 203.4 ~ 5% mt < 1% Cu							2710	206.3	209.3	1.0	0.3	10	0 2	0.5													
		209.7 - 210.7 ~ 2% Cu 10% Py																											
						PQ-Py	50	100	2711	209.3	212.3	0.8	0.7	9.0	0.2	1.5		1	97										
		WHITE/GREY QTZ-Py VEIN							2712	212.3	213.6	1.2	0.2	11.0	0.1	0.6													
	*	213.-217.7 - CRACKLE TEXTURE				VEIN	UC 50 LC 50		2713	213.6	217.7	2.2	0.2	6	0.3	2.2													
		- vuggy from 217.5-217.7																											
		- flt? @ 20° Z 1cm gouge		216.6	2[illegible].7	flt	20°		2714	217.7	219.9	2.0	0.6	10	0.3	2.1													
	*	219.9-221.9 - WHITE/GREY QTZ-Py				VEIN	UC 70 LC 20		2715	219.9	221.9	3.0	0.4	3	0.2	2.0													
		VEIN																											
		~ 10% of QTZ-Mt				Py Vnlt	50	100	2716	221.9	224.9	4	0.3	11	0.1	2.0		3	18					3	98				
						WQ-Py	50	100																					
						WQ-Py	30	100	2717	224.9	227.9	0.5	0.2	9	0.1	0.6								1	24				
						WQ-Py	50	100	2718	227.9	230.9	1.0	0.3	10	0.2	1.0								1	30				
									2719	230.9	233.9	1.3	0.3	10	0.2	1.0													
		@ 234 - 237.3 green mica							2720	233.9	236.9	1.2	0.2	7	0.1	1.4													
		alteration very strong																											
	*	237.3 - 238.6 - white qtz-py				WQ-Py	30	100	2721	236.9	239.9	1.2	0.3	10	0 1	0.6								1	130				
		vein @ 30° UC																											
		- 2 - 1 mm blebs cpy																											

Hole No. 1221 Pg. 9 of 1

MINERALIZATION

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		P/G Qz-Py		CARB		WHITE QZ-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	H
273.8		SILICIFIED QUARTZ - FE OXIDE				GQ·Py	50	100	2734	273.8	276.8	0.6	tr	6	0.3	0.6				1	30								
		REPLACEMENT BRECCIA/																											
		MEGACRYSTIC PORPHYRY																											
		- megacrystic porphyry																											
		fragments present but altered																											
		to green pyllosilicates + chl																											
		+ sericite.																											
		- Silica content 30-40%				GQ·Py	50	100	2735	276.8	279.7	0.6	0.2	6	0.4	0.6				1	30								
		in veins + veinlets as quartz																											
		- magnetite - 5-8% as																											
		replacement of intrusive.																											
									2736	279.7	282.7	0.6	0.1	8	0.2	0.8													
		276 -																											
		- 90% MEGACRYSTIC PLAGIOCLASE																						GQ	-Py				
		PORPHYRY INTRUSION				GQ-Py	50	100	2737	282.7	285.7	0.3	tr	7	0.1	0.8				1	73			1	50				
		10% QZ-MT REPLACEMENT				PQ-Py	50	100																					
		with numerous grey &																						GQ -	Py				
		white quartz-py veins up to				GQ-Py	50	100	2738	285.7	288.4	0.6	0.3	9	0.1	0.6								1	68				
		3 metres wide.																											
		- Chalcopyrite present				PQ·Py	50	100	2739	288.4	291.4	0.8	0.2	11	tr	0.4				1	50								
		mostly as disseminations but																											
		also occurs in white quartz-py																											
		stringers & in magnetite.				PQ·Py	70	25	2740	291.4	294.5	12	tr	9	tr	0.6				3	38								
							50	75																					
		- plagioclase altered to																											
		chl + sericite sometimes																											
		strongly. also present is				Py	70	100	2741	294.5	297.0	1.6	0.2	8	0.7	0.2		1	5	2	140								
		green mica + bio				GQ·Py	50	100																					
		- pyrite stringers mostly																											
		in grey-pink qz-py veins																											
		+ veinlets up to 20 cm																											

Hole No 1221 Pg. 10 of 1

				STRUCTURE					SAMPLES			MINERALIZATION MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS			
FROM	TO	GEOLOGIC DESCRIPTION		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
		MEGACRYSTIC PORPHYRY /							2742	297.0	298.7	6	0.5	6	0.1	0.3				1	100								
		SILICIFIED QUARTZ - Fe OXIDE																											
		REPLACEMENT BRECCIA																											
		(CONT)																											
		*																											
297.0	297.0	PINK QUARTZ - Py VEIN				UC	70																						
		~ 6% py				LC	-																						
		~ 0.5% diss. Cp																											
		*																											
298.7	301.8	PINK QUARTZ - Py VEIN (CRACKLE)				UC	20		2743	2987	301.8	2.0	0.3	1.5	0.1	0.4				1	310								
		- minor Mt < 2%				LC	20-50																						
		- ~ 2% py																											
301.8	312.1	PREDOMINATELY SILICIFIED QUARTZ							2744	3018	305.0	0.6	0.3	"	0.1	0.2													
	EOH	MAGNETITE REPLACEMENT BRECCIA																											
		MAJORITY OF PINK QUARTZ - Py																											
		veinlets @ 20° TCA Mt				UC	20		2745	305.0	308.1	0.5	0.3	12	0.2	0.4				1	130								
		content increased [illegible] 12%				LC	20-50																						
	*	306.9 - 308.1 - 60% Grey QTZ-Py																											
		Vein ~ 0.3% cpy																											
		~ 6% mt																											
						UC	20		2746	308.1	312.1	1.0	tr	10	0.2	0.4				1	30								
						LC	20																						
									EOH.																				

Hole No. 1222 Pg. 1 of 8

		GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION																				
									SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-PyC		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
0.0	4.5	CASING																											
4.5	5.5	RUBBLE: contains core segments							2395	4.5	5.5																		
		and rounded fragments of																											
		very weathered hornfels and																											
		pink quartz-pyrite.																											
5.5	7.7	MAFIC DYKE: med. green with							2396	5.5	7.7																		
		dark green to black biotitic spots																											
		≤2mm; weakly sericitic;				LC	50																						
7.7		HORNFELS (KSPAR TRANSITION)		7.7	11.0	PQPyC	10	15	2397	7.7	11.0	0.6	0.3	2	Tr	Tr		0	–	19	57	0	–						
		- dark grey				"	50	55																					
		- very fine grained siltstone				"	75	30																					
		- weak argillic odour to																											
		breath test		11.0	14.0	PQPyC	10	30	2398	11.0	14.0	0.8	0.4	2	0.3	0.4		0	–	10	44	1	1						
		- positive kspar stains @				"	50	50																					
		8.8 & 14.0 m				"	75	20																					
		- angular "crackly" type																											
		vein filled fractures and		14.0	17.0	PQPyC	10	10	2399	14.0	17.0	0.2	0.1	1	1.2	1.2		0	–	8	48	7	7						
		fissures.				"	50	40																					
						"	75	50																					
						Carb	10	15																					
						"	50	60																					
						"	75	25																					
		@19.5: positive Kspar test		17.0	20.0	PQPyC	10	35	2400	17.0	20.0	0.6	0.3	3	0.4	0.4		0	–	12	23	4	3						
						"	50	50																					
						"	75	15																					
				20.0	23.0	PQPyC	20	20	2401	20.0	23.0	0.1	0.6	7	0.2	0.2		0	–	10	59	4	2						
						"	50	60																					
						"	75	20																					
		@ 24.7m: positive Kspar test		23.0	26.0	PQPyC	50	55	2402	23.0	26.0	0.4	0.6	7	0.3	0.3		0	–	13	49	6	3						
						"	75	45																					
				26.0	29.0	PQPyC	30	25	2403	26.0	29.0	1.1	0.3	5	0.7	0.7		0	–	9	102	5	4						
						"	50	75																					

Hole No. 222 Pg. 2 of

		GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py C		CARB		white Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
7.7		(con't'd) HORNFELS-(kspar. trans)		29.0	32.0	PQPyCar	20	10	2404	29.0	32.0	0.6	0.3	7	0.5	0.5		0	-	10	17	0	-						
		@29.9m: positive Kspar test.				"	50	70																					
						"	75	20																					
		* heavy cp stgrs in PQPy Car		32.0	35.0	PQPyCar	20	35	2405	32.0	35.0	0.6	1.1	7	0.5	0.5		0	-	6	8	0	-						
		@ ∢ 50°, 5°, 20°				"	50	30																					
		@34.8m: positive Kspar test				"	75	35																					
				35.0	38.0	PQPyCar	20	15	2406	35.0	38.0	0.4	0.4	7	1.2	1.2		0	-	6	19	0	-						
						"	50	85																					
				38.0	41.0	PQPyCar	20	20	2407	38.0	41.0	1.2	0.5	7	0.4	0.4		0	-	9	33	0	-	3	28				
		@38.2m: specks of MoS_2 in				"	50	45																					
		0.2m Pqtz, py, cpy vnlt ∢ 50°				"	75	35																					
						WQPy	50	65																					
						"	75	35																					
																				PQPy									
				41.0	44.0	PQPy	20	15	2408	41.0	44.0	1.0	0.1	5	0.5	0.5		0	-	7	104	0	-	0	-				
						"	50	55																					
						"	75	30																					
		@43.2-46.6m: 1.4m lost core																											
				44.0	47.0	PQPy	20	35	2409	44.0	47.0	1.5	0.1	1	0.2	0.2		0	-	3	102	0	-	1	2				
						"	50	65																					
						WQPy	75	100																					
				47.0	50.0	PQPy	20	40	2410	47.0	50.0	0.6	0.3	7	0.3	0.9		0	-	5	71	0	-	0	-				
		@49.9m: positive kspar test				"	50	40																					
						"	75	20																					
				50.0	53.0	PQPy	20	50	2411	50.0	53.0	1.3	0.6	7	0.7	1.4		0	-	6	35	0	-	0	-				
						"	50	50																					
				53.0	56.0	PQPy	20	50	2412	53.0	56.0	0.8	0.4	7	1.0	2.0		0	-	6	31	0	-	0	-				
		@53.6m: positive kspar test				"	50	15																					
						"	75	35																					

		GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
7.7		(cont'd)HORNFELS(kspar. trans.)		56.0	59.0	PQPy	20	35	2413	56.0	59.0	1.4	0.3	7	Tr	0.6		0	–	12	110	0	–	1	1				
						"	50	50																					
						"	75	15																					
						WQPy	50	100																					
				59.0	62.0	PQPy	20	45	2414	59.0	62.0	1.1	0.1	7	0.2	0.6		0	–	7	65	0	–	0	–				
						"	50	55																					
				62.0	65.0	PQPy	20	35	2415	62.0	65.0	0.6	0.9	7	0.4	0.8		0	–	3	33	0	–	1	2				
						"	50	65																					
						WQPy	75	100																					
				65.0	68.0	PQPy	20	60	2416	65.0	68.0	1.3	0.9	3	0.2	0.6		0	–	5	140	0	–	0	–				
						"	50	40																					
				68.0	71.0	PQPy	20	85	2417	68.0	71.0	6.0	3.0	3	0.1	0.6		0	–	6	46	0	–	0	–				
		@69.0m: positive kspar test				"	75	15																					
				71.0	74.0	PQPy	20	40	2418	71.0	74.0	0.8	0.4	7	0.2	0.4		0	–	10	57	0	–	1	1				
		@71.8m: abrupt change from				"	50	50																					
		Qtz,py,chl±cpy veins uphole to				"	75	10																					
		Qtz,py,mag±cpy veins downhole				WQPy	75	100																					
		rock turns lighter grey.																											
		@74.8m: positive kspar test		74.0	77.0	PQPy	20	25	2419	74.0	77.0	1.4	0.7	10	Tr	0.1		0	–	13	92	0	–	0	–				
		@76.5m: 1cm blebs cp in PQPy				"	50	65																					
		∡20°				"	75	10																					
				77.0	80.0	PQPy	20	25	2420	77.0	80.0	0.6	0.3	10	0.2	0.1				4	32								
		@79.0m: positive kspar test				"	50	75																					
				80.0	83.0	PQPy	20	30	2421	80.0	83.0	2.0	1.0	10	–	Tr				7	66			1	2				
		@80.7m: 1cm band cp in WQPy				"	50	40																					
		& PQPy ∡20°				"	75	30																					
		@81.7m: positive kspar test				WQPy	20	100																					

Hole No. 1222 Pg. 4 of

		GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		white Qz-Py		ASSAYS		
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag
7.7		(con't'd) HORNFELS (Kspar. mono.)		83.0	86.0	PQPy	20	35	2422	83.0	86.0	1.1	0.6	10	—	0.3				6	55							
		@84.5 m: positive kspar test				"	50	35																				
						"	75	30																				
		@88.6m: 1cm. cp band in PQPy		86.0	89.0	PQPy	20	20	2423	86.0	89.0	1.4	0.7	8	—	0.5				5	68							
		∡ 20°				"	50	80																				
		@89.0m: reappearance of chl in Qtz,																										
		py, mag, chl ± cpy veins also darker		89.0	92.0	PQPy	20	35	2424	89.0	92.0	1.5	0.3	8	-	0.5				6	27							
		green colour to rocks				"	50	65																				
		@90.0m: specks of MoS_2 in Qtz, py																										
		mt, cpy vein		92.0	95.0	PQPy	20	15	2425	92.0	95.0	1.7	0.4	7	-	0.1				12	92			1	11			
						"	50	75																				
						"	75	10																				
						WQPy	20	100																				
		@96.8m: specks MoS_2 in PQPy ∡20°																										
		@97.5m: 2cm band cp in PQPy ∡20°		95.0	98.0	PQPy	20	25	2426	95.0	98.0	2.4	1.4	7	0.1	0.1				8	51							
		@97.8m: positive kspar test				"	50	75																				
				98.0	101.0	PQPy	20	25	2427	98.0	101.0	1.3	0.1	7	0.1	0.1				8	63							
						"	50	50																				
						"	75	25																				
		@103.1m: positive kspar test		101.0	104.0	PQPy	50	80	2428	101.0	104.0	0.7	0.1	7	0.8	0.8				5	32							
						"	75	20																				
		@104.8m: rock changes to lighter		104.0	107.0	PQPy	20	15	2429	104.0	107.0	1.0	0.2	7	0.1	0.1				11	125			2	3			
		grey colour; protolith likely				"	50	65																				
		felsic wacke				"	75	20																				
						WQPy	20	50																				
						"	75	50																				
				107.0	108.0	PQPy	20	100	2430	107.0	108.0	1.0	0.2	7	—	0.1				1	20							
		@108.8-110.8m: FALT: 0.5cm gouge		108.0	111.0	WQPy	20	40	2431	108.0	111.0	7.0	3.0	5	—	0.4				6	121			3	91			
		∡5°; slickensides in plane of				"	50	30																				
		gouge 25°-35° tca.				"	75	30																				

Hole No. 1222 Pg. 5 of

								MINERALIZATION																				
		GEOLOGIC DESCRIPTION	STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mc
77		(cont'd.) HORNFELS (kspar. trans.)	108.0	111.0	PQPy	20	35																					
					"	50	65																					
		@ 111.8 – 113.1m: FALT; 0.5cm	111.0	113.1	PQPy	50	50	2432	111.0	113.1	4.0	1.2	5	–	0.4				1	31			2	39				
		gouge seam ∢ 5°			"	8x	50																					
					WQPy	20	100																					
			113.1	115.0	PQPy	50	65	2433	113.1	115.0	1.0	0.1	4	–	0.6				3	60								
		@ 114.7m: positive kspar test			"	75	35																					
		@ 116.4m: end of light coloured	115.0	118.0	PQPy	20	65	2434	115.0	118.0	0.8	0.2	7	Tr	0.3				3	10								
		hornfels (felsic wacke); onset of			"	50	35																					
		dark green hornfels (siltstone)																										
	NB	* New method of pyrite estimation	118.0	121.0	PQPy	20	75	2435	118.0	121.0	2.0	0.3	5	–	0.3		1	3	4	7								
		results in higher percentage			"	50	25																					
					Py	50	100																					
			121.0	124.0	PQPy	20	30	2436	121.0	124.0	1.1	0.3	5	Tr	0.3				7	57								
					"	50	70																					
			124.0	127.0	PQPy	50	100	2437	124.0	127.0	1.2	0.3	5	0.3	0.3				4	35								
			127.0	130.0	PQPy	20	25	2438	127.0	130.0	1.0	0.2	5	0.3	0.1				4	27								
					"	50	75																					
			130.0	133.0	PQPy	50	100	2439	130.0	133.0	1.3	0.3	5	0.5	0.1				1	3								
			133.0	136.0	PQPy	20	25	2440	133.0	136.0	0.9	0.2	5	0.2	Tr				3	18								
					"	50	35																					
			136.0	139.0	PQPy	70	50	2441	136.0	139.0	1.2	0.3	5	Tr	–				2	45								
					"	50	50																					
			139.0	142.0	PQPy	20	25	2442	139.0	142.0	1.1	0.4	5	0.1	–				4	47								
					"	50	75																					

Hole No: 1222 Pg. 6 of 8

								MINERALIZATION																				
		GEOLOGIC DESCRIPTION	STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Pink Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO		FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	M
7.7		(cont'd) HORNFELS (kspar trans.)	142.0	145.0	PQPy	20	65	2443	142.0	145.0	1.3	1.0	5	0.1	—				3	33								
					"	75	35																					
					PQPy	75	60	2444	145.0	148.0	1.3	0.9	6	0.1	0.2				12	145								
		@145.5m: speck MoS_2				50	20																					
						20	20																					
					Q-C	20	100	2445	148.0	151.0	0.6	0.6	9	0.6	0.3				12	67	1	2						
					PQPy	75	10																					
						50	40																					
						20	50																					
					Q-C	75	50	2446	151.0	154.0	1.5	1.0	9	0.7	1.0				11	75	2	2						
						20	50																					
					PQPy	75	30																					
						50	30																					
						20	40																					
					Q-C	50	100	2447	154.0	157.0	0.6	0.8	13	0.2	1.0	tr			10	20	4	4						
					PQ-Py	75	30																					
						50	20																					
						20	50																					
					PQPy	75	10	2448	157.0	160.0	0.8	0.6	4	0.4	1.0				6	60								
						50	60																					
						20	30																					
					QC	50	50	2449	160.0	163.0	0.9	0.9	"	0.5	1.5				11	49	3	6						
						20	50																					
					PQ-Py	75	30																					
						50	30																					
						20	40																					

Hole No. 1222 Pg. 7 of 8

									MINERALIZATION																				
		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB				ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
7.7	172	HORNFELS (SILTSTONE) TRANSITION				Q-C	35	50	2450	163.0	166.0	0.5	0.4	6	0.6	2.5				10	31	3	5						
							20	50																					
		- MODERATE TO INTENSE KSPAR				PQ-Py	75	20																					
		- HEAVY MAGNETITE REPLACEMENT					50	50																					
		DOWN HOLE FROM 172. ON					20	20																					
							5	10																					
		* NOTE JUMP IN SAMPLE #'s																											
						Q-C	35	100	2457*	166.0	169.0	0.4	0.7	7	0.4	1.5		1	2	9	72	1	1						
						Py	45	100																					
172	199	MAGNETITE K-SPAR				PQ-Py	50	30																					
		HORNFELS REPLACEMENT.					20	70																					
		V+ UP TO 20%				PQ-Py	75	30	2458	169.0	172.0	1.4	0.5	10	0.8	1.1				14	68								
		QTZ VEINING PREDOMINANTLY					50	20																					
		@ 40° - 50° TCA (~ 15-40%					20	50																					
		QTZ-Py VEINS, VEINLETS & STRINGER																											
						PQ-Py	50	6	2459	172.0	175.0	1.6	0.6	18	0.2	0.1				7	56								
							20	40																					
						PQ-Py	75	20	2460	175.0	178.0	0.8	1.2	17	0.2	0.1				12	63								
							45	55																					
							20	25																					
						PQ-Py	45-50	100	2461	178.0	181.0	0.6	1.2	16	0.1	0.1				4	17								
						PQ-Py	45-50	100	2462	181.0	184.0	3.5	1.6	14	0.5	0.2				5	52								
	*	185-186.2 - PINK QTZ-Py VEIN				PQ-Py	75	10	2463	184.0	187.0	1.2	0.7	13	0.1	0.1				4	138								
		UC 45°					45	90																					
		LC 45°																											
		- CRACKLE VEIN				Q-C	75	100	2464	187.0	190.0	2.0	2.0	15	0.8	0.2				7	69	2	2						
						Py-Py	75	30																					
		@ 187.4 2 cm blob Cpy.					50	70																					

Hole No. 1222 Pg. 8 of 8

		GEOLOGIC DESCRIPTION	STRUCTURE						SAMPLES			MINERALIZATION														ASSAYS			
												MINERALS						VEINS											
																		PYRITE		Qz-Py		CARB							
FROM	TO		[illegible]	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	Mo
172	199	MAGNETITE - QTZ KSPAR																											
		HORNFELS (SILTSTONE)				Qz·Py	75	50	2465	190.0	193.0	0.6	1.0	15	1.8	0.5				4	8								
		REPLACEMENT (CON'T					50	50																					
						Qz·Py	50	100	2466	193.0	196.0	2.8	0.4	15	0.5	0.1				11	43								
		199. EOH ★ NOTE: GOOD				Qz Py	50	60	2467	196	199.0	0.6	1.5	17	0.3	0.1				8	38								
		Cu mineralization at					20	40																					
		[illegible] of hole. ★																											

HOLE 1223

12090 NORTH

25042 EAST

397 m ELEVATION

LENGTH: 264 m

Hole No. 1223 Pg. 1 o

		GEOLOGIC DESCRIPTION	STRUCTURE						MINERALIZATION																			
									SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		White		ASSAYS		
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag
0	7.9	CASING.					–	–	3016	0	7.9									1	40							
		-10cm black MAFIC DYKE																										
		with 2-5mm QTZ frag.																										
7.9	13.2	QUARTZ-SERICITE-PYRITE				PQ-Py	45	100	3017	7.9	11.0	3.8	tr	1	tr	0.8				1	60							
		8.8-9.4 - QUARTZ VEIN																										
						PQ-Py	70	50	3018	11.0	14.0	3.6	0.3	3	tr	0.2				2	6							
13.2	14.2	ALTERED SEDIMENTS					45	50																				
14.2		MEGACRYSTIC PORPHYRY				PQ-Py	50	20	3019.	14.0	17.1	1.5	tr	8	0.2	0.2				4	30							
							10	80																				
						PQ Py	70	80	3020	17.1	19.0	0.9	0.3	7	0.3	0.1				8	14							
							50	20																				
						PQ-Py	70	100	3021	19.0	22.0	0.9	0.1	6	tr	tr				1	12							
		* @19.0 flt. sand + gravel.				Flt	85																					
		* @ 23.2 - 24.2 - flt? core				PQ-Py	70	100	3022	22.0	24.4	0.5	tr	6	tr	tr				2	24							
		badly core																										
		* 25.8 - flt? @ 10° TCA				PQ-Py	45	100	3023	24.4	27.4	0.4	tr	6	tr	tr				3	19							
28.1	29.0	FLT. ~ 80 cm gouge + sand.				PQ-Py	30	100	3024	27.4	30.4	0.8	0.4	5	0.2	tr				2	69							
		LC @ 30° TCA																										
		- some qtz fragments				Py vnlt	30	50	3025	30.4	33.8	6.0	05	2	0 2	0.6	tr	6	17									
							70	50																				
30.4	33.8	* QUARTZ VEIN																										
		- VUGGY IN SPOTS				PQ-Py	20	100	3026	33.8	36.4	0.3	0.2	8	0.4	tr				4	56							
		- OXIDE STAINS (RUSTY) ON																										
		fractures				PQ-Py	80	50	3027	36.4	39.4	0.4	tr	8	0.6	0.1				5	80			8	8			
		LC 20°					40	50																				
						WQ-Py	45	100																				

Hole No. 1223 Pg. 2 of

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION														ASSAYS		
												MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QZ-Py				
FROM	TO		RQD	FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag
		K-SPAR MEGACRYSTIC							3028	39.4	42.4	0.7	0.1	8	0.3	0.3												
		PORPHYRY (CON'T)																										
		41.4 - 41.8 - FLT UC 40°				PQ-Py	70	10	3029	42.4	45.6	0.6	0.5	7	0.4	0.2				3	111							
		Very broken, some					45	90																				
		gouge Mn stain																										
						PQ-Py	45	100	3030	45.6	49.0	1.0	0.3	9	0.1	tr				6	27							
44.5	45.4	QUARTZ VEIN UC 45°																										
						DYKE	UC LC	70 70	3031	49.0	50.3	–	-	–	.	-												
49.0	50.3	MAFIC DYKE - dk grey/black																						Q-CALC				
		- biotite BSU?				Q-CALC	70	100	3032	50.3	52.2	0.1	tr	8	1.0	–	–							8	15			
		- various narrow Q-C																										
		stringers < 1 cm @ 70°				QTZ VN	45°		3033	52.2	54.5	0.6	0.2	8	0.5	-	-			2	75							
						PQ-Py	20°																					
		50.3 - 52.2 - strong sericite ALT.																										
						Py VN	30	100	3034	54.5	58.0	6.0	0.3	2	1.2	1.4		2	24									
52.2	52.9	QUARTZ VEIN				QTZ VN	45°																					
54.5	58.0	QUARTZ VEIN				PQ-Py	45	50	3035	58.0	60.5	3.0	0.2	9	0.3	0.1				2	71							
							70	50																				
58.0	60.5	QUARTZ FEOx REPLACEMENT																										
		BRECCIA / MEGACRYSTIC PORPHYRY				PQ-Py	10	50	3036	60.5	62.5	4.5	tr	2	0.4	–				3	80							
							45	50																				
60.5	62.5	ANDESITE / QTZ VEIN																										
		- lt green, equigranular							3037	62.5	66.1	1.0	tr	4	0.3	–												
		fine grained. 15 cm blob																										
		pyrite @ 61.2 m.																										
									3038	66.1	69.1	1.0	tr	6	0.4	-												
62.5	72.1	biotite rich unit - med-																										
		dk grey phenocrysts of																										
		feldspar ~ 0.5 - 1.0 cm.							3039	69.1	72.1	1.2	tr	5	0.4	-												
		- various qtz-calcite veinlets																										
		~ 1.0 cm @ 70 + 45° TCA																										

Hole No. 1223 Pg. 3 o

FROM	TO	GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION																
												MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE Qz-Py		ASSAYS		
				FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag
72.1	73.3	QUARTZ VEIN UC 70° TCA							3040	72.1	73.3	0.6	0.3	0.5	0.2	0.2												
		LC 40° TCA																										
									3041	73.3	76.3	0.5	tr	5	0.2	–												
		- Biotite stringer @ 72.2 1cm wide																										
		+ magnetite				PQ-Py	70	25	3042	76.3	79.0	1.2	0.3	4	0.3	0.2				5	23							
							40	75																				
73.3	86.0	QUARTZ - FeOx REPLACEMENT Bx/																										
		SHEETED QUARTZ Py VEINS.				PQ-Py	70	35	3043	79.0	82.6	0.8	tr	3	0.7	2.8				3	21							
							50	75																				
		- lt brown Fe carb on fractures				Flt	UC ?																					
							LC	20																				
	**	MAJOR FAULT 81.1 - 82.6				Bx	20	100	3044	82.6	85.6	0.9	2.7	3	0.3	3.0								4	8			
		- carb gouge				WQ-Py	70	100																				
		- very broken.																										
		- healed ([illegible] carb) Bx				WQ-Py	70	100	3045	85.6	88.6	1.0	tr	10	0.5	0.5								8	48			
		@ LC of flt. 82.5-83.8																										
		good Cpy in this section				PQ-Py	40	100	3046	88.6	91.6	1.8	0.2	13	0.5	0.3				2	116			2	5			
		fractures @ 20° TCA				WQ-Py	70	70																				
							40	30																				
93.1	94.2	QTZ-Py VEIN				Qtz vn	UC	35	3047	91.6	94.6	21	0.2	8	0.8	0.3				3	151							
		- strong chlorite					LC	20																				
						PQ-Py	70	100																				
86.0		K-SPAR MEGACRYSTIC PORPHYRY/				PQ-Py	70	60	3048	94.6	97.6	0.6	0.2	9	0.3	0.1				4	70							
		SHEETED QTZ VEINS.					45	40																				
		- strong sericite @ [illegible]				In-Py	70	70	3049	97.6	100.6	0.3	0.1	11	0.1	0.1	tr			7	50							
		mod to strong ser. in this					40	30																				
		whole section. [illegible] Chl.																										
						PQ-Py	40	100	3050	100.6	103.6	1.1	0.2	8	0.3	tr				4	46							
		- pyrite is a silvery [illegible].																										
						WQ-Py	40	100	3051	103.6	106.6	1.8	2.0	8	0.4	0.2				4	54			1	4			
						PQ-Py	40	100																				

Hole No. 1223 Pg. 4 of

		GEOLOGIC DESCRIPTION				STRUCTURE			MINERALIZATION																			
									SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		WHITE QTZ-Py		ASSAYS		
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb	Mo	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag
		K-SPAR MEGACRYSTIC PORPHYRY				Q-C	45	100	3052	106.6	109.6	2.1	0.4	7	0.2	0.4	tr			6	114	1	2					
		(CONT)				PQ-Py	40	100																				
		- intense Kspar stain				PQ-Py	70	50	3053	109.6	112.6	1.9	0.2	8	tr	tr				8	43							
							40	50																				
						PQ-Py	40	100	3054	112.6	115.6	1.5	0.1	6	tr	tr				4	54							
																						CALCITE						
						CALCITE	40	100	3055	115.6	118.0	1.0	0.1	6	0.4	tr				2	14	1	2					
						PQ-Py	40	100																				
118.0	121.5	* QUARTZ VEIN							3056*	118.0	121.5	5.0	5.0	4	-	-												
		- mottled green with chlorite																										
		+ green mica				PQ-Py	40	50	3057	121.5	124.5	1.0	0.1	12	tr	tr				8	24							
		- 119.7 - 120.0 - 80% chlorite					20	50																				
		UC · 40° LC 40°																										
		- Cpy - +5%				Q-C	45	100	3058	124.5	127.5	0.8	0.2	16	0.2	tr				7	34	1	3					
		2cm bleb in vug @119.6				PQ-Py	45	100																				
						PQ-Py	45	80	3059	127.5	130.5	1.3	0.3	17	0.1	tr	tr			6	110							
							30	20																				
		1cm Chlorite Parallel to Q-C's + [illegible]				Q-C	45	100	3060	130.5	133.5	0.4	0.2	13	tr	tr				7	130	1	2					
						PQ-Py	45	90																				
							30	10																				
						WQPy	60	100	3061	133.5	136.5	0.6	tr	14	tr	tr				3	53			1	8			
						PQ-Py	40	100																				
						PQ-Py	70	50	3062	136.5	139.5	1.2	0.1	13	tr	tr				5	41							
							40	50																				
						PQ-Py	70	30	3063	139.5	142.5	1.2	0.1	14	0.1	tr				7	57							
							40	30																				
							20	40																				

		GEOLOGIC DESCRIPTION	STRUCTURE						MINERALIZATION																				
									SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		White Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	
		K-SPAR MEGACRYSTIC PORPHYRY				Pq-Py	45	100	3064	142.5	145.0	2.2	0.2	12	tr	tr		1	2	4	35			1	2				
		(CONT)				WQ-Py	45	100																					
		SHEETED QTZ-Py VEINS.				Py	40	100																BULL					
						WQ	70-90	100	3065	145.0	147.2	1.0	0.3	10	tr	tr				5	45			6	22				
147.2	152.0	QUARTZ VEIN - 95% QTZ-Py,							3066	147.2	150.2	0.6	0.1	3	0.1	0.4													
		Mt.																											
		- Spec. hem @ 150.9							3067	150.2	153.2	0.6	0.1	2	0.1	0.3													
						PQ-Py	45	100	3068	153.2	156.0	1.9	0.9	9	tr	1.0	0.1			1	43								
156	158.0	QUARTZ VEIN with massive Py.																											
		Py veinlet running down core.				Py vnlt	5°	100	3069	156.0	158.0	6.0	1.2	6	tr	tr		1	20										
						PQ-Py	70	80	3070	158.0	161.0	1.4	0.3	14	0.1	tr				8	63								
							40	20																					
									3071	161.0	164.0	1.0	0.1	16	tr	tr													
									3072	164	166.0	0.2	tr	13	tr	tr													
166.0	167.9	QUARTZ VEIN							3073	166.0	167.9	1.8	0.2	1	0.3	0.2													
167.9	168.3	MASSIVE PYRITE VEIN							3074	167.9	168.3							1	40										
		CORE ANGLE IRREGULAR 0-20^{UC}																											
		50-70^{LC}				PQ-Py	40	100	3075	168.3	171.3	0.8	0.1	5	tr	tr				4	93								
168.3	169.0	CONTINUATION OF Q. VEIN				PQ-Py	45	100	3076	171.3	174.3	1.8	0.2	3	0.2	0.2													
171.8	174.3	QUARTZ VEIN - 95% QTZ				PQ-Py	45	100	3077	174.3	177.3	1.0	0.2	2	0.2	tr				5	64								
		5% Mt.																											
						PQ-Py	50	100	3078	177.3	180.3	0.5	0.1	3	0.1	0.1				2	105								
						PQ-Py	70	30	3079	180.3	183.4	0.9	0.2	10	0.1	0.2		1	5	7	48								
							45	70																					
						Py	30	100																					

Hole No.: 223 Pg. 6 of

		GEOLOGIC DESCRIPTION		STRUCTURE					SAMPLES			MINERALIZATION																	
												MINERALS						VEINS PYRITE		Qz-Py		CARB		Q-ite Qz-Py		ASSAYS			
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Ag	
		QUARTZ-FEOx REPLACEMENT BRECCIA				PQ-Py	70	20	3080	183.4	186.4	40	0.3	14	tr	tr				8	69								
		/SHEETED QUARTZ VEINS					40	60																					
							20	20																					
						PQ-Py	40	100	3081	186.4	189.4	2.6	0.1	13	tr	tr				4	50								
193.0		QUARTZ - MAG STOCKWORK				PQ Py	40	100	3082	189.4	193.2	12.0	0.8	8	tr	tr		4	33	4	72								
						Py	30	100																					
		THE CORE IS MORE							3083	193.2	196.2	3.0	0.3	7	0.2	0.1													
		SILICEOUS TO 90% QTZ.																											
									3084	196.2	199.2	3.0	0.2	10	0.3	01													
						WQ Py	40	100	3085	199.2	202.2	2.4	0.1	8	0.2	0.1								2	7				
						QC	90	100	3086	202.2	205.2	20	tr	6	0.2	0.1						1	2						
		spec. hem with Q-C stringers				QC	90	100	3087	205.2	208.2	2.2	tr	10	0.2	0.8						5	10						
						WQ-Py	70	25	3028	208.2	211.2	1.8	tr	10	0.1	0.1								6	8				
							45	75																					
									3089	211.2	213.6	25	tr	8	0.3	0.1													
213.6	214.1	MASSIVE PYRITE VEIN - 80% py							3090	213.6	214.1																		
		- 15% QTZ																											
		- 2-3% CO3				Bull WQ-	45	100	3091	214.1	217.2	1.2	tr	12	0.3	0.1								6	20				
						Bull Qtz	45	100	3092	217.2	220.2	13	0.2	12	tr	tr								1	2				
						QC	5°	100	3093	220.2	223.2	1.9	0.2	11	0.2	0.6						1	3						
		Strong Chl				Bull Qz	75	100	3094	223.2	226.2	18	0.2	14	0.1	0.1								7	14				
						Bull Qz	75	75	3095	226.2	229.2	1.6	tr	15	tr	tr								6	12				

45

Hole No. 1223 P [redacted]

		GEOLOGIC DESCRIPTION		STRUCTURE					MINERALIZATION																			
									SAMPLES			MINERALS						VEINS PYRITE		Qz-Py		CARB		[illegible]		ASSAYS		
FROM	TO			FROM	TO	TYPE	TCA	%TCA	SAMPLE NUMBER	FROM	TO	Py	Cpy	FeOx	Cal	Carb		No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	No. Vein	Cum thk	Au	Cu	Mo
		(CONT)																										
		QTZ · MAGNETITE STOCKWORK				Bull	45	100	3096	229 2	232 2	'2	0.3	14	0.2	0.2								5	10			
									3097	232 2	235.2	1.2	0.2	16	0.1	0.1												
						WQ·Py	70	75	3098	235.2	238.2	1.0	tr	15	0.3	0.1								13	41			
							50	25																				
									3099	238.2	241.2	1.0	tr	16	tr	tr												
						Py	45	100	3100	241.2	244.2	6.	tr	17	tr	tr		1	10									
									*																			
		* NOTE NEW SAMPLE *							2867	244.2	247.2	1.3	tr	14	tr	tr												
						Py	50	100	2868	247.2	250.2	2.1	tr	13	tr	tr		1	1									
251.2	251.8	FLT: BADLY BROKEN CORE							2869	250.2	253 2	1.8	tr	12	1.0	0.3												
						QTZ VN	30	100	2870	253.2	256.2	3.0	tr	10	0.5	0.5		2	4					1	80			
		253.1 - QTZ + CALCITE XTALS IN				Py	30	100																				
		VUG. ALSO BROWN CALCITE	?																									
						WQ·Py	30	100	2871	256.7	259 2	3.0	tr	13	1.0	0.3								7	14			
		255.2 - 256.0 - BULL QTZ VEIN																										
		WITH 2cm pyrite on							2872	259 2	264.0	0.5	tr	14	tr	tr												
		EACH CONTACT.																										
		256.4 - QTZ/CALCITE AS ABOVE																										
		chlorite ALT'N IS MODERATE.																										
	264	EOH																										

APPENDIX 3

1995 Drill Assay Tables

DDH 1217 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
12.2	14.3	2251	2.1	0.05	0.8	288	22	0.105	1.68	604.8	46.2
14.3	17.4	2252	3.1	0.07	1.0	281	24	0.217	3.1	871.1	74.4
17.4	20.4	2253	3.0	0.04	1.0	264	18	0.12	3	792	54
20.4	23.5	2254	3.1	0.04	0.9	290	18	0.124	2.79	899	55.8
23.5	26.9	2255	3.4	0.06	1.0	408	35	0.204	3.4	1387.2	119
26.9	29.3	2256	2.4	0.05	0.9	309	65	0.12	2.16	741.6	156
29.3	32.6	2257	3.3	0.06	1.1	348	19	0.198	3.63	1148.4	62.7
32.6	35.7	2258	3.1	0.05	1.4	440	58	0.155	4.34	1364	179.8
35.7	38.7	2259	3.0	0.15	2.2	390	22	0.45	6.6	1170	66
38.7	41.0	2260	2.3	0.05	1.4	341	43	0.115	3.22	784.3	98.9
41.0	41.9	2261	0.9	0.12	2.6	413	24	0.108	2.34	371.7	21.6
41.9	44.8	2262	2.9	0.06	1.6	387	30	0.174	4.64	1122.3	87
44.8	47.8	2263	3.0	0.06	1.7	385	42	0.18	5.1	1155	126
47.8	50.9	2264	3.1	0.15	1.8	775	55	0.465	5.58	2402.5	170.5
50.9	53.9	2265	3.0	0.28	3.3	1190	85	0.84	9.9	3570	255
53.9	57.0	2266	3.1	0.23	3.8	972	120	0.713	11.78	3013.2	372
57.0	60.0	2267	3.0	0.08	0.8	402	190	0.24	2.4	1206	570
60.0	61.6	2268	1.6	0.05	0.6	412	102	0.08	0.96	659.2	163.2
61.6	63.1	2269	1.5	0.26	2.7	2360	182	0.39	4.05	3540	273
63.1	66.1	2270	3.0	0.44	2.4	3590	118	1.32	7.2	10770	354
66.1	69.2	2271	3.1	0.32	2.2	2190	124	0.992	6.82	6789	384.4
69.2	72.2	2272	3.0	0.34	3.0	2570	80	1.02	9	7710	240
72.2	75.3	2273	3.1	0.65	3.8	4180	128	2.015	11.78	12958	396.8
75.3	78.3	2274	3.0	0.73	4.0	3450	40	2.19	12	10350	120
78.3	81.4	2275	3.1	0.95	6.2	5800	40	2.945	19.22	17980	124
81.4	84.4	2276	3.0	0.88	6.9	4260	33	2.64	20.7	12780	99
84.4	87.5	2277	3.1	0.93	10.9	5710	42	2.883	33.79	17701	130.2
87.5	90.5	2278	3.0	0.58	2.7	3290	13	1.74	8.1	9870	39
90.5	93.6	2279	3.1	0.60	2.2	2520	5	1.86	6.82	7812	15.5
93.6	96.6	2280	3.0	0.42	2.2	2430	73	1.26	6.6	7290	219
96.6	99.7	2281	3.1	0.33	2.0	1550	8	1.023	6.2	4805	24.8
99.7	102.7	2282	3.0	0.19	1.8	2470	50	0.57	5.4	7410	150
102.7	104.4	2283	1.7	0.50	1.4	2480	18	0.85	2.38	4216	30.6
104.4	105.4	2284	1.0	0.63	2.2	1440	12	0.63	2.2	1440	12
105.4	107.7	2285	2.3	0.32	1.0	1420	6	0.736	2.3	3266	13.8
107.7	110.2	2286	2.5	0.35	1.2	1245	8	0.875	3	3112.5	20
110.2	111.5	2287	1.3	0.51	1.6	1919	11	0.663	2.08	2494.7	14.3
111.5	114.0	2288	2.5	0.25	1.2	855	9	0.625	3	2137.5	22.5
114.0	115.7	2289	1.7	0.42	1.6	2800	10	0.714	2.72	4760	17

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
115.7	117.9	2290	2.2	0.76	1.8	3800	10	1.672	3.96	8360	22
117.9	119.9	2291	2.0	0.56	1.2	2200	10	1.12	2.4	4400	20
119.9	122.2	2292	2.3	0.78	2.1	3000	10	1.794	4.83	6900	23
122.2	124.0	2293	1.8	0.33	0.6	1700	10	0.594	1.08	3060	18
124.0	127.1	2294	3.1	0.36	0.6	1000	10	1.116	1.86	3100	31
127.1	130.1	2295	3.0	1.50	1.6	1000	10	4.5	4.8	3000	30
130.1	133.2	2296	3.1	0.36	1.4	1300	10	1.116	4.34	4030	31
133.2	136.2	2297	3.0	0.62	2.4	3600	10	1.86	7.2	10800	30
136.2	139.3	2298	3.1	0.76	2.3	2900	10	2.356	7.13	8990	31
139.3	142.3	2299	3.0	0.33	0.8	1000	10	0.99	2.4	3000	30
142.3	145.4	2300	3.1	1.60	2.0	2100	10	4.96	6.2	6510	31
145.4	148.4	2301	3.0	0.18	0.7	800	10	0.54	2.1	2400	30
148.4	151.5	2302	3.1	0.30	0.8	1000	20	0.93	2.48	3100	62
151.5	154.5	2303	3.0	0.22	1.0	1000	10	0.66	3	3000	30
154.5	157.6	2304	3.1	0.33	1.6	800	10	1.023	4.96	2480	31
157.6	160.6	2305	3.0	0.22	1.0	600	10	0.66	3	1800	30
160.6	163.7	2306	3.1	0.18	1.0	800	10	0.558	3.1	2480	31
163.7	165.2	2307	1.5	0.13	0.5	400	10	0.195	0.75	600	15
165.2	166.7	99999	1.5	0.00	0.0	0	0	0	0	0	0
166.7	170.6	2308	3.9	0.35	2.0	2400	10	1.365	7.8	9360	39
170.6	173.1	99999	2.5	0.00	0.0	0	0	0	0	0	0
173.1	175.9	2309	2.8	2.10	3.2	3400	20	5.88	8.96	9520	56
175.9	178.9	2310	3.0	0.24	0.8	800	10	0.72	2.4	2400	30
178.9	182.0	2311	3.1	0.31	1.6	1400	10	0.961	4.96	4340	31
182.0	185.0	2312	3.0	0.37	1.5	1800	10	1.11	4.5	5400	30
185.0	188.0	2313	3.0	0.21	0.9	600	10	0.63	2.7	1800	30
188.0	190.0	2314	2.0	0.18	1.0	200	10	0.36	2	400	20
190.0	190.6	2315	0.6	1.40	16.8	900	10	0.84	10.08	540	6
190.6	194.2	2316	3.6	0.33	2.0	1600	10	1.188	7.2	5760	36
194.2	196.3	2317	2.1	1.42	4.8	3000	10	2.982	10.08	6300	21
196.3	197.3	2318	1.0	0.70	13.8	11000	10	0.7	13.8	11000	10
197.3	199.3	2319	2.0	0.93	6.0	3600	10	1.86	12	7200	20
199.3	202.1	2320	2.8	2.50	18.0	7600	10	7	50.4	21280	28
202.1	203.3	2321	1.2	1.58	10.4	8200	10	1.896	12.48	9840	12
203.3	205.4	2322	2.1	0.58	2.8	2200	30	1.218	5.88	4620	63
205.4	206.3	2323	0.9	1.09	5.8	3600	80	0.981	5.22	3240	72
206.3	209.4	2324	3.1	1.40	12.8	5200	120	4.34	39.68	16120	372
209.4	212.4	2325	3.0	1.05	8.0	2600	140	3.15	24	7800	420
212.4	215.5	2326	3.1	0.51	1.8	1900	60	1.581	5.58	5890	186
215.5	217.9	2327	2.4	1.48	3.8	3800	50	3.552	9.12	9120	120

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
217.9	218.5	99999	0.6	0.00	0.0	0	0	0	0	0	0
218.5	221.6	2328	3.1	0.20	1.4	800	20	0.62	4.34	2480	62
221.6	224.6	2329	3.0	0.33	2.8	700	14	0.99	8.4	2100	42
224.6	227.0	2330	2.4	0.18	1.6	500	9	0.432	3.84	1200	21.6
227.0	230.0	2331	3.0	0.07	0.4	300	9	0.21	1.2	900	27
230.0	233.0	2332	3.0	0.17	1.2	800	10	0.51	3.6	2400	30
233.0	236.0	2333	3.0	0.22	1.6	800	7	0.66	4.8	2400	21
236.0	239.0	2334	3.0	0.32	2.0	1500	17	0.96	6	4500	51
239.0	242.0	2335	3.0	0.30	0.8	600	12	0.9	2.4	1800	36
242.0	245.0	2336	3.0	0.13	1.0	700	22	0.39	3	2100	66
245.0	248.0	2337	3.0	0.16	0.8	600	23	0.48	2.4	1800	69
248.0	251.0	2338	3.0	0.08	0.4	300	38	0.24	1.2	900	114
251.0	254.0	2339	3.0	0.11	0.6	500	38	0.33	1.8	1500	114
254.0	257.0	2340	3.0	0.10	0.6	800	12	0.3	1.8	2400	36
257.0	260.0	2341	3.0	0.31	1.5	800	30	0.93	4.5	2400	90
260.0	263.0	2342	3.0	0.11	0.5	400	14	0.33	1.5	1200	42
263.0	266.0	2343	3.0	0.17	1.0	800	25	0.51	3	2400	75
266.0	269.0	2344	3.0	0.32	1.8	1600	18	0.96	5.4	4800	54
269.0	272.0	2345	3.0	0.42	1.0	1000	32	1.26	3	3000	96
272.0	275.0	2346	3.0	0.22	0.8	1000	14	0.66	2.4	3000	42
275.0	278.0	2347	3.0	0.29	1.4	1100	23	0.87	4.2	3300	69
278.0	281.0	2348	3.0	0.33	0.6	600	16	0.99	1.8	1800	48
281.0	284.0	2349	3.0	0.18	0.9	800	22	0.54	2.7	2400	66
284.0	287.0	2350	3.0	0.07	0.6	400	14	0.21	1.8	1200	42
287.0	290.0	2351	3.0	0.08	0.4	300	34	0.24	1.2	900	102
290.0	293.0	2352	3.0	0.43	1.4	1000	27	1.29	4.2	3000	81
293.0	296.0	2353	3.0	0.18	1.2	800	66	0.54	3.6	2400	198
296.0	299.0	2354	3.0	0.23	1.0	1000	26	0.69	3	3000	78
299.0	302.0	2355	3.0	0.05	0.6	400	16	0.15	1.8	1200	48
302.0	305.0	2356	3.0	0.17	1.0	600	28	0.51	3	1800	84
305.0	308.0	2357	3.0	0.15	1.0	600	16	0.45	3	1800	48
308.0	311.0	2358	3.0	0.30	1.6	1200	14	0.9	4.8	3600	42
311.0	314.0	2359	3.0	0.31	1.2	1100	15	0.93	3.6	3300	45
314.0	317.0	2360	3.0	0.09	0.7	600	19	0.27	2.1	1800	57
317.0	320.0	2361	3.0	0.32	1.2	1200	24	0.96	3.6	3600	72
320.0	322.9	2362	2.9	0.37	1.6	1400	40	1.073	4.64	4060	116
322.9	324.7	2363	1.8	0.01	0.3	100	3	0.018	0.54	180	5.4
324.7	328.0	2364	3.3	0.20	1.0	1000	18	0.66	3.3	3300	59.4
328.0	331.0	2365	3.0	0.14	0.8	400	20	0.42	2.4	1200	60
331.0	334.0	2366	3.0	0.25	2.0	1000	35	0.75	6	3000	105

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
334.0	337.0	2367	3.0	0.22	1.8	800	30	0.66	5.4	2400	90
337.0	340.0	2368	3.0	0.10	0.4	200	9	0.3	1.2	600	27
340.0	343.0	2369	3.0	0.08	0.3	400	38	0.24	0.9	1200	114
343.0	346.0	2370	3.0	0.05	0.4	200	14	0.15	1.2	600	42
346.0	349.3	2371	3.3	0.29	1.9	100	52	0.957	6.27	330	171.6
349.3	352.0	2372	2.7	0.08	0.6	300	4	0.216	1.62	810	10.8
352.0	355.0	2373	3.0	0.06	0.2	200	5	0.18	0.6	600	15
355.0	358.0	2374	3.0	1.34	5.2	4400	12	4.02	15.6	13200	36
358.0	361.0	2375	3.0	0.17	1.0	600	10	0.51	3	1800	30
361.0	364.0	2376	3.0	0.27	1.0	700	14	0.81	3	2100	42
364.0	367.1	2377	3.1	0.15	1.0	500	6	0.465	3.1	1550	18.6
367.1	368.3	2378	1.2	0.20	0.6	500	26	0.24	0.72	600	31.2
368.3	369.0	2451	0.7	0.38	3.4	3000	30	0.266	2.38	2100	21
369.0	370.1	2452	1.1	4.20	8.6	12500	52	4.62	9.46	13750	57.2
370.1	371.5	2453	1.4	1.11	6.2	7200	140	1.554	8.68	10080	196
371.5	373.9	2454	2.4	2.50	10.3	12200	122	6	24.72	29280	292.8
373.9	375.4	2455	1.5	0.98	4.8	5000	50	1.47	7.2	7500	75
375.4	378.0	2379	2.6	0.22	0.8	400	6	0.572	2.08	1040	15.6
378.0	381.0	2380	3.0	0.22	0.8	400	6	0.66	2.4	1200	18
381.0	384.0	2381	3.0	0.44	1.2	1500	48	1.32	3.6	4500	144
384.0	387.0	2382	3.0	0.14	0.4	500	10	0.42	1.2	1500	30
387.0	390.0	2383	3.0	0.39	1.0	400	8	1.17	3	1200	24
390.0	393.0	2384	3.0	0.15	0.2	200	12	0.45	0.6	600	36
393.0	396.0	2385	3.0	0.13	0.4	600	10	0.39	1.2	1800	30
396.0	399.0	2386	3.0	0.17	0.4	600	30	0.51	1.2	1800	90
399.0	402.0	2387	3.0	0.66	2.2	4600	13	1.98	6.6	13800	39
402.0	405.0	2388	3.0	0.82	1.8	3200	13	2.46	5.4	9600	39
405.0	408.0	2389	3.0	0.32	0.6	1000	24	0.96	1.8	3000	72
408.0	411.0	2390	3.0	0.23	0.5	1100	19	0.69	1.5	3300	57
411.0	414.0	2391	3.0	0.11	0.7	800	10	0.33	2.1	2400	30
414.0	417.0	2392	3.0	0.42	2.2	3000	22	1.26	6.6	9000	66
417.0	420.0	2393	3.0	0.49	2.2	3300	8	1.47	6.6	9900	24
420.0	423.4	2394	3.4	0.24	1.6	2400	18	0.816	5.44	8160	61.2

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
12.2 m - 61.6 m											
Total (w*a)			49.4	4.61	76.6	23262	2678				
Mean				0.09	1.6	471	54				
61.6 m - 145.4 m											
Total (w*a)			83.8	50.02	221.6	221342	2997				
Mean				0.60	2.6	2641	36				
145.4 m - 190.6 m											
Total (w*a)			45.2	16.43	62.8	49620	471				
Mean				0.36	1.4	1098	10				
190.6 m - 217.9 m											
Total (w*a)			27.3	30.45	195.4	108170	1360				
Mean				1.12	7.2	3962	50				
217.9 m - 368.3 m											
Total (w*a)			150.4	32.88	168.5	115910	3143				
Mean				0.22	1.1	771	21				
368.3 m - 375.4 m											
Total (w*a)			7.1	13.91	52.4	62710	642				
Mean				1.96	7.4	8832	90				
375.4 m - 399.0 m											
Total (w*a)			23.6	5.49	15.3	13640	388				
Mean				0.23	0.6	578	16				
399.0 m - 423.4 m											
Total (w*a)			24.4	9.97	36.0	59160	388				
Mean				0.41	1.5	2425	16				
12.2 m - 423.4 m											
Total (w*a)			411.2	163.76	828.6	653814	12066				
Mean				0.40	2.0	1590	29				

DDH 1218 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
3.0	7.0	2501	4.0	1.18	4.5	3360	19	4.72	18	13440	76
7.0	10.0	2502	3.0	0.76	4.9	3410	32	2.28	14.7	10230	96
10.0	12.1	2503	2.1	1.68	7.4	3690	15	3.528	15.54	7749	31.5
12.1	14.2	2504	2.1	0.34	1.9	1050	23	0.714	3.99	2205	48.3
14.2	16.2	2505	2.0	0.24	2.2	1260	14	0.48	4.4	2520	28
16.2	19.2	2506	3.0	0.23	2.4	1150	14	0.69	7.2	3450	42
19.2	21.4	2507	2.2	0.32	2.5	1890	8	0.704	5.5	4158	17.6
21.4	24.1	2508	2.7	0.89	5.1	1720	20	2.403	13.77	4644	54
24.1	25.6	2509	1.5	0.78	20.2	2250	48	1.17	30.3	3375	72
25.6	28.3	2510	2.7	0.63	3.4	1960	21	1.701	9.18	5292	56.7
28.3	31.4	2511	3.1	0.62	3.6	2660	54	1.922	11.16	8246	167.4
31.4	34.5	2512	3.1	0.61	3.3	1560	26	1.891	10.23	4836	80.6
34.5	37.5	2513	3.0	0.98	5.6	2220	76	2.94	16.8	6660	228
37.5	40.5	2514	3.0	1.05	3.6	1680	94	3.15	10.8	5040	282
40.5	43.6	2515	3.1	1.04	4.6	2280	218	3.224	14.26	7068	675.8
43.6	46.6	2516	3.0	0.35	2.8	1560	16	1.05	8.4	4680	48
46.6	49.7	2517	3.1	1.36	3.7	950	40	4.216	11.47	2945	124
49.7	52.7	2518	3.0	1.40	3.4	1450	130	4.2	10.2	4350	390
52.7	55.8	2519	3.1	0.51	3.3	1810	65	1.581	10.23	5611	201.5
55.8	58.4	2520	2.6	0.28	2.4	1920	27	0.728	6.24	4992	70.2
58.4	61.3	2521	2.9	0.59	5.4	1430	38	1.711	15.66	4147	110.2
61.3	63.4	2522	2.1	0.25	1.8	1730	9	0.525	3.78	3633	18.9
63.4	65.1	2523	1.7	0.26	1.3	1690	17	0.442	2.21	2873	28.9
65.1	68.3	2524	3.2	0.44	3.8	2680	22	1.408	12.16	8576	70.4
68.3	71.0	2525	2.7	0.99	6.9	4500	27	2.673	18.63	12150	72.9
71.0	74.1	2526	3.1	0.69	11.4	4820	12	2.139	35.34	14942	37.2
74.1	77.1	2527	3.0	0.51	2.5	2290	32	1.53	7.5	6870	96
77.1	80.2	2528	3.1	0.33	1.2	1640	16	1.023	3.72	5084	49.6
80.2	83.2	2529	3.0	0.83	3.6	3100	22	2.49	10.8	9300	66
83.2	86.3	2530	3.1	0.29	1.2	1600	8	0.899	3.72	4960	24.8
86.3	89.3	2531	3.0	1.58	6.0	4810	56	4.74	18	14430	168
89.3	91.4	2532	2.1	1.24	7.6	6840	48	2.604	15.96	14364	100.8
91.4	92.4	2533	1.0	0.67	2.8	2840	38	0.67	2.8	2840	38
92.4	95.4	2534	3.0	0.28	1.2	1400	9	0.84	3.6	4200	27
95.4	98.5	2535	3.1	0.52	1.9	2280	21	1.612	5.89	7068	65.1
98.5	101.1	2536	2.6	0.45	1.1	1410	11	1.17	2.86	3666	28.6
101.1	104.5	2537	3.4	1.56	7.0	5450	26	5.304	23.8	18530	88.4
104.5	107.6	2538	3.1	1.76	7.2	8060	93	5.456	22.32	24986	288.3
107.6	110.6	2539	3.0	0.60	4.1	3000	136	1.8	12.3	9000	408

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
110.6	113.1	2540	2.5	0.91	4.5	4360	10	2.275	11.25	10900	25
113.1	115.9	2541	2.8	0.28	1.0	2070	18	0.784	2.8	5796	50.4
115.9	118.7	2542	2.8	0.87	4.5	1580	38	2.436	12.6	4424	106.4
118.7	121.5	2543	2.8	0.30	1.0	2450	44	0.84	2.8	6860	123.2
121.5	122.8	2544	1.3	0.60	4.6	8120	104	0.78	5.98	10556	135.2
122.8	125.9	2545	3.1	0.58	1.4	1640	30	1.798	4.34	5084	93
125.9	128.9	2546	3.0	0.87	4.5	3270	16	2.61	13.5	9810	48
128.9	131.8	2547	2.9	0.35	2.5	1950	12	1.015	7.25	5655	34.8
131.8	132.7	99999	0.9	0.00	0.0	0	0	0	0	0	0
132.7	135.0	2548	2.3	0.23	0.6	930	12	0.529	1.38	2139	27.6
135.0	138.1	2549	3.1	0.15	0.5	545	8	0.465	1.55	1689.5	24.8
138.1	139.8	2550	1.7	0.71	3.8	3500	12	1.207	6.46	5950	20.4
139.8	141.6	2551	1.8	0.54	2.7	2520	11	0.972	4.86	4536	19.8
141.6	144.2	2552	2.6	0.68	2.8	2630	16	1.768	7.28	6838	41.6
144.2	146.4	2553	2.2	0.35	1.6	1670	6	0.77	3.52	3674	13.2
146.4	149.3	2554	2.9	0.13	1.0	620	9	0.377	2.9	1798	26.1
149.3	152.4	2555	3.1	0.10	0.8	575	11	0.31	2.48	1782.5	34.1
152.4	155.1	2556	2.7	0.34	2.0	920	13	0.918	5.4	2484	35.1
155.1	156.4	2557	1.3	0.29	2.6	1330	10	0.377	3.38	1729	13
156.4	159.4	2558	3.0	0.29	2.6	1170	14	0.87	7.8	3510	42
159.4	162.5	2559	3.1	0.39	4.0	1940	12	1.209	12.4	6014	37.2
162.5	165.5	2560	3.0	0.11	1.2	455	14	0.33	3.6	1365	42
165.5	168.6	2561	3.1	0.08	1.2	422	7	0.248	3.72	1308.2	21.7
168.6	171.6	2562	3.0	0.09	0.8	418	10	0.27	2.4	1254	30
171.6	173.8	2563	2.2	0.27	1.8	1106	9	0.594	3.96	2433.2	19.8
173.8	176.1	2564	2.3	1.71	10.6	6700	22	3.933	24.38	15410	50.6
176.1	179.5	2565	3.4	0.29	3.4	1820	10	0.986	11.56	6188	34
179.5	182.4	2566	2.9	0.28	2.9	1540	9	0.812	8.41	4466	26.1
182.4	184.0	2567	1.6	1.56	10.4	8000	9	2.496	16.64	12800	14.4
184.0	185.3	2568	1.3	1.67	7.5	6800	8	2.171	9.75	8840	10.4
185.3	187.6	2569	2.3	2.40	10.5	9100	15	5.52	24.15	20930	34.5
187.6	189.9	2570	2.3	0.44	2.9	2300	5	1.012	6.67	5290	11.5
189.9	192.9	2571	3.0	0.54	1.2	910	5	1.62	3.6	2730	15
192.9	194.1	2572	1.2	0.33	1.4	1310	4	0.396	1.68	1572	4.8
194.1	196.6	2573	2.5	0.30	1.4	895	7	0.75	3.5	2237.5	17.5
196.6	199.0	2574	2.4	0.77	5.4	4270	17	1.848	12.96	10248	40.8
199.0	200.9	2575	1.9	0.18	1.5	2040	4	0.342	2.85	3876	7.6
200.9	202.4	2576	1.5	0.19	0.6	710	16	0.285	0.9	1065	24
202.4	204.3	2577	1.9	0.25	1.9	1735	15	0.475	3.61	3296.5	28.5
204.3	208.1	2578	3.8	0.24	1.4	1200	200	0.912	5.32	4560	760

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
208.1	211.1	2579	3.0	0.26	1.8	1100	12	0.78	5.4	3300	36
211.1	214.0	2580	2.9	0.40	2.4	2500	24	1.16	6.96	7250	69.6
214.0	217.0	2581	3.0	0.51	2.0	3000	14	1.53	6	9000	42
217.0	220.0	2582	3.0	0.36	1.1	1000	9	1.08	3.3	3000	27
220.0	223.0	2583	3.0	0.25	1.2	800	9	0.75	3.6	2400	27
223.0	226.0	2584	3.0	0.42	3.8	3800	14	1.26	11.4	11400	42
226.0	229.0	2585	3.0	0.30	2.0	2000	12	0.9	6	6000	36
229.0	232.0	2586	3.0	0.58	2.6	3000	12	1.74	7.8	9000	36
232.0	235.0	2587	3.0	0.11	1.1	1000	12	0.33	3.3	3000	36
235.0	238.0	2588	3.0	0.27	1.8	1400	12	0.81	5.4	4200	36
238.0	241.0	2589	3.0	0.43	2.2	1400	6	1.29	6.6	4200	18
241.0	244.0	2590	3.0	0.32	25.0	1800	68	0.96	75	5400	204
244.0	247.0	2591	3.0	0.30	6.8	3600	8	0.9	20.4	10800	24
247.0	250.0	2592	3.0	0.16	3.6	2400	6	0.48	10.8	7200	18
250.0	253.0	2593	3.0	0.25	1.4	2000	38	0.75	4.2	6000	114
253.0	256.0	2594	3.0	0.35	4.5	2000	20	1.05	13.5	6000	60
256.0	259.0	2595	3.0	0.38	9.0	1900	12	1.14	27	5700	36
259.0	262.0	2596	3.0	0.29	2.4	900	6	0.87	7.2	2700	18
262.0	265.0	2597	3.0	0.20	2.6	2400	18	0.6	7.8	7200	54
265.0	268.0	2598	3.0	0.42	3.8	2200	10	1.26	11.4	6600	30
268.0	271.0	2599	3.0	0.26	2.4	1600	10	0.78	7.2	4800	30
271.0	274.0	2600	3.0	0.16	2.2	1400	6	0.48	6.6	4200	18
274.0	277.0	2601	3.0	0.19	1.4	600	5	0.57	4.2	1800	15
277.0	280.0	2602	3.0	0.25	1.8	1000	11	0.75	5.4	3000	33
280.0	283.0	2603	3.0	0.45	3.4	2000	9	1.35	10.2	6000	27
283.0	286.0	2604	3.0	0.31	2.2	1500	6	0.93	6.6	4500	18
286.0	290.0	2605	4.0	0.24	2.5	1000	18	0.96	10	4000	72
290.0	291.5	2606	1.5	0.12	1.6	1200	12	0.18	2.4	1800	18
291.5	294.0	2607	2.5	0.07	1.2	800	6	0.175	3	2000	15
294.0	297.0	2608	3.0	0.14	1.4	1000	6	0.42	4.2	3000	18
297.0	300.0	2609	3.0	0.11	1.4	1200	5	0.33	4.2	3600	15
300.0	303.0	2610	3.0	0.14	1.8	800	10	0.42	5.4	2400	30
303.0	306.0	2611	3.0	0.74	12.0	3500	16	2.22	36	10500	48
306.0	309.0	2612	3.0	0.15	2.4	1600	14	0.45	7.2	4800	42
309.0	312.0	2613	3.0	0.56	3.0	2000	8	1.68	9	6000	24
312.0	315.0	2614	3.0	0.70	6.0	3600	12	2.1	18	10800	36
315.0	318.0	2615	3.0	0.38	2.6	2600	10	1.14	7.8	7800	30
318.0	321.0	2616	3.0	0.23	2.1	1500	10	0.69	6.3	4500	30
321.0	324.0	2617	3.0	0.33	3.2	1500	22	0.99	9.6	4500	66
324.0	327.0	2618	3.0	0.32	9.6	3600	14	0.96	28.8	10800	42

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
327.0	330.0	2619	3.0	0.15	1.0	1200	110	0.45	3	3600	330
330.0	333.0	2620	3.0	0.22	0.4	900	8	0.66	1.2	2700	24
333.0	336.0	2621	3.0	0.08	3.2	1400	12	0.24	9.6	4200	36
336.0	339.0	2622	3.0	0.06	1.4	900	10	0.18	4.2	2700	30
339.0	342.0	2623	3.0	0.23	1.0	2800	16	0.69	3	8400	48
342.0	345.0	2624	3.0	0.20	1.4	4000	30	0.6	4.2	12000	90
345.0	348.0	2625	3.0	0.33	1.6	1000	26	0.99	4.8	3000	78
348.0	351.0	2626	3.0	0.12	0.9	600	12	0.36	2.7	1800	36
351.0	354.0	2627	3.0	0.16	2.0	1400	14	0.48	6	4200	42
354.0	357.0	2628	3.0	0.17	1.1	800	34	0.51	3.3	2400	102
357.0	360.0	2629	3.0	0.15	0.6	1000	9	0.45	1.8	3000	27
360.0	363.0	2630	3.0	0.40	0.9	1800	7	1.2	2.7	5400	21
363.0	366.0	2631	3.0	0.22	0.8	1200	8	0.66	2.4	3600	24
366.0	369.0	2632	3.0	0.08	0.3	400	10	0.24	0.9	1200	30
369.0	372.0	2633	3.0	0.05	0.2	600	18	0.15	0.6	1800	54
372.0	375.0	2634	3.0	0.09	1.2	400	9	0.27	3.6	1200	27
375.0	378.0	2635	3.0	0.15	0.4	800	15	0.45	1.2	2400	45
378.0	381.0	2636	3.0	0.07	0.3	800	6	0.21	0.9	2400	18
381.0	384.0	2637	3.0	0.08	0.6	600	11	0.24	1.8	1800	33
384.0	387.0	2638	3.0	0.12	0.4	800	18	0.36	1.2	2400	54
387.0	390.0	2639	3.0	0.25	0.3	800	6	0.75	0.9	2400	18
390.0	391.4	2640	1.4	0.09	0.2	600	12	0.126	0.28	840	16.8
391.4	394.1	2641	2.7	0.13	0.8	600	6	0.351	2.16	1620	16.2
394.1	396.6	2642	2.5	0.08	0.4	600	6	0.2	1	1500	15
396.6	400.0	2643	3.4	0.05	0.3	400	6	0.17	1.02	1360	20.4
400.0	404.0	2644	4.0	0.02	0.3	400	8	0.08	1.2	1600	32
404.0	408.1	2645	4.1	0.01	0.2	300	8	0.041	0.82	1230	32.8

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
3.0 m - 131.8 m											
Total (w*a)			128.8	94.87	513.9	342195	5193				
Mean				0.74	4.0	2657	40				
131.8 m - 173.8 m											
Total (w*a)			42.0	11.21	73.1	48504	448				
Mean				0.27	1.7	1155	11				
173.8 m - 199.0 m											
Total (w*a)			25.2	21.54	123.3	90711	260				
Mean				0.85	4.9	3600	10				
199.0 m - 366.0 m											
Total (w*a)			167.0	46.70	496.7	290948	3299				
Mean				0.28	3.0	1742	20				
366.0 m - 408.1 m											
Total (w*a)			42.1	3.64	17.6	23750	412				
Mean				0.09	0.4	564	10				
3.0 m - 366.0 m											
Total (w*a)			363.0	174.32	1207.1	772358	9199				
Mean				0.48	3.3	2128	25				
3.0 m - 408.1 m											
Total (w*a)			405.1	177.96	1224.7	796108	9612				
Mean				0.44	3.0	1965	24				

DDH 1219 ASSAY TABLE												
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
24.1	27.1	2469	3.0	0.17	7.0	760	32	0.51	21	2280	96
27.1	30.1	2470	3.0	0.13	2.4	848	58	0.39	7.2	2544	174
30.1	33.1	2471	3.0	0.27	5.6	1260	48	0.81	16.8	3780	144
33.1	36.1	2472	3.0	0.15	1.6	800	30	0.45	4.8	2400	90
36.1	39.1	2473	3.0	0.24	1.8	2280	200	0.72	5.4	6840	600
39.1	42.1	2474	3.0	0.11	1.0	730	90	0.33	3	2190	270
42.1	45.1	2475	3.0	0.07	0.8	680	68	0.21	2.4	2040	204
45.1	48.1	2476	3.0	0.09	0.6	810	118	0.27	1.8	2430	354
48.1	51.1	2477	3.0	0.08	0.5	668	142	0.24	1.5	2004	426
51.1	54.1	2478	3.0	0.45	3.7	5060	74	1.35	11.1	15180	222
54.1	57.1	2479	3.0	0.50	6.4	3460	122	1.5	19.2	10380	366
57.1	60.1	2480	3.0	0.65	5.6	3550	142	1.95	16.8	10650	426
60.1	63.1	2481	3.0	0.31	2.4	1480	122	0.93	7.2	4440	366
63.1	66.1	2482	3.0	0.18	1.4	1440	124	0.54	4.2	4320	372
66.1	69.1	2483	3.0	0.15	1.0	1150	90	0.45	3	3450	270
69.1	72.1	2484	3.0	0.24	1.4	1860	98	0.72	4.2	5580	294
72.1	75.1	2485	3.0	0.22	1.6	1610	130	0.66	4.8	4830	390
75.1	78.1	2486	3.0	0.66	3.6	3320	136	1.98	10.8	9960	408
78.1	81.1	2487	3.0	0.06	0.8	170	12	0.18	2.4	510	36
81.1	84.1	2488	3.0	0.58	2.0	3100	112	1.74	6	9300	336
84.1	87.1	2489	3.0	0.36	2.2	1810	68	1.08	6.6	5430	204
87.1	90.1	2490	3.0	0.48	2.6	1900	264	1.44	7.8	5700	792
90.1	93.3	2491	3.2	0.38	2.2	1540	50	1.216	7.04	4928	160
93.3	96.3	2492	3.0	1.10	5.0	5300	70	3.3	15	15900	210
96.3	99.4	2493	3.1	0.92	5.6	5700	240	2.852	17.36	17670	744
99.4	102.4	2494	3.0	0.41	2.6	1650	75	1.23	7.8	4950	225
102.4	105.5	2495	3.1	0.52	2.8	1980	80	1.612	8.68	6138	248
105.5	108.5	2496	3.0	0.38	2.9	2230	60	1.14	8.7	6690	180
108.5	111.6	2497	3.1	0.23	2.4	1540	90	0.713	7.44	4774	279
111.6	114.6	2498	3.0	0.49	3.8	3050	100	1.47	11.4	9150	300
114.6	117.7	2499	3.1	0.54	4.0	3150	80	1.674	12.4	9765	248
117.7	120.7	2500	3.0	0.51	2.9	2330	126	1.53	8.7	6990	378
120.7	123.7	2901	3.0	0.38	2.4	2240	54	1.14	7.2	6720	162
123.7	126.8	2902	3.1	0.49	3.0	2960	132	1.519	9.3	9176	409.2
126.8	129.8	2903	3.0	0.45	2.8	1930	62	1.35	8.4	5790	186
129.8	132.9	2904	3.1	0.46	1.9	2100	24	1.426	5.89	6510	74.4
132.9	135.9	2905	3.0	0.34	1.8	1690	79	1.02	5.4	5070	237
135.9	139.0	2906	3.1	0.36	1.8	1900	45	1.116	5.58	5890	139.5
139.0	142.0	2907	3.0	0.44	2.6	2100	26	1.32	7.8	6300	78

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
142.0	145.1	2908	3.1	0.71	1.8	1960	38	2.201	5.58	6076	117.8
145.1	148.1	2909	3.0	0.41	2.7	2630	310	1.23	8.1	7890	930
148.1	151.2	2910	3.1	0.49	1.4	2120	24	1.519	4.34	6572	74.4
151.2	154.2	2911	3.0	0.77	1.9	2400	264	2.31	5.7	7200	792
154.2	157.3	2912	3.1	0.30	1.2	1550	22	0.93	3.72	4805	68.2
157.3	160.3	2913	3.0	0.20	1.4	1180	20	0.6	4.2	3540	60
160.3	163.4	2914	3.1	0.29	2.0	1600	26	0.899	6.2	4960	80.6
163.4	166.4	2915	3.0	0.36	1.9	2360	54	1.08	5.7	7080	162
166.4	169.5	2916	3.1	0.26	2.6	1750	16	0.806	8.06	5425	49.6
169.5	172.5	2917	3.0	0.26	3.8	1570	22	0.78	11.4	4710	66
172.5	175.6	2918	3.1	0.60	10.0	1640	16	1.86	31	5084	49.6
175.6	178.6	2919	3.0	0.21	1.5	680	20	0.63	4.5	2040	60
178.6	181.7	2920	3.1	0.10	1.4	686	16	0.31	4.34	2126.6	49.6
181.7	183.8	2921	2.1	0.11	1.4	520	8	0.231	2.94	1092	16.8
183.8	184.9	2922	1.1	0.36	3.2	740	22	0.396	3.52	814	24.2
184.9	187.8	2923	2.9	0.17	1.2	850	20	0.493	3.48	2465	58
187.8	190.2	2924	2.4	0.11	1.2	440	12	0.264	2.88	1056	28.8
190.2	192.7	2925	2.5	0.18	1.7	930	16	0.45	4.25	2325	40
192.7	195.7	2926	3.0	0.17	2.6	980	20	0.51	7.8	2940	60
195.7	199.1	2927	3.4	0.35	2.8	1420	36	1.19	9.52	4828	122.4
199.1	199.5	2928	0.4	1.10	43.0	4280	10	0.473	18.49	1840.4	4.3
199.5	203.0	2929	3.5	0.29	4.5	710	19	1.0063	15.615	2463.7	65.93
203.0	205.7	2930	2.7	0.02	1.3	380	4	0.054	3.51	1026	10.8
205.7	208.7	2931	3.0	0.10	1.4	722	16	0.3	4.2	2166	48
208.7	211.7	2932	3.0	0.33	1.8	1430	14	0.99	5.4	4290	42
211.7	214.7	2933	3.0	0.25	1.7	1320	22	0.75	5.1	3960	66
214.7	216.5	2934	1.8	0.10	1.2	610	10	0.18	2.16	1098	18
216.5	218.3	2935	1.8	0.35	2.0	1800	52	0.63	3.6	3240	93.6
218.3	221.3	2936	3.0	0.10	1.0	490	10	0.3	3	1470	30
221.3	224.3	2937	3.0	0.16	1.4	820	14	0.48	4.2	2460	42
224.3	227.3	2938	3.0	0.15	1.8	850	10	0.45	5.4	2550	30
227.3	230.5	2939	3.2	0.12	1.4	590	14	0.384	4.48	1888	44.8
230.5	233.5	2940	3.0	0.14	1.6	880	16	0.42	4.8	2640	48
233.5	236.5	2941	3.0	0.13	1.4	780	12	0.39	4.2	2340	36
236.5	239.6	2942	3.1	0.66	5.4	2280	24	2.046	16.74	7068	74.4
239.6	242.6	2943	3.0	0.23	1.9	990	16	0.69	5.7	2970	48
242.6	245.7	2944	3.1	0.53	2.4	1750	14	1.643	7.44	5425	43.4
245.7	248.7	2945	3.0	0.31	3.2	1170	24	0.93	9.6	3510	72
248.7	251.9	2946	3.2	0.44	3.4	1230	13	1.408	10.88	3936	41.6
251.9	254.9	2947	3.0	0.27	1.3	1100	14	0.81	3.9	3300	42

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
254.9	257.9	2948	3.0	0.15	0.9	830	14	0.45	2.7	2490	42
257.9	260.9	2949	3.0	0.32	1.3	1240	12	0.96	3.9	3720	36
260.9	263.9	2950	3.0	0.48	1.4	960	22	1.44	4.2	2880	66
263.9	267.0	2951	3.1	0.40	3.4	1360	12	1.24	10.54	4216	37.2
267.0	270.1	2952	3.1	0.29	2.4	810	26	0.899	7.44	2511	80.6
270.1	273.1	2953	3.0	0.18	1.2	510	10	0.54	3.6	1530	30
273.1	276.1	2954	3.0	0.12	0.5	520	21	0.36	1.5	1560	63
276.1	279.2	2955	3.1	0.21	4.8	1390	11	0.651	14.88	4309	34.1
279.2	282.2	2956	3.0	0.19	1.4	1000	9	0.57	4.2	3000	27
282.2	285.3	2957	3.1	0.38	3.0	2020	11	1.178	9.3	6262	34.1
285.3	288.3	2958	3.0	0.12	0.6	450	8	0.36	1.8	1350	24
288.3	291.4	2959	3.1	0.23	1.0	880	26	0.713	3.1	2728	80.6
291.4	294.4	2960	3.0	0.26	0.7	646	24	0.78	2.1	1938	72
294.4	297.5	2961	3.1	0.15	1.0	686	24	0.465	3.1	2126.6	74.4
297.5	299.9	2962	2.4	0.09	0.7	362	6	0.216	1.68	868.8	14.4
299.9	300.5	2963	0.6	0.64	54.0	10000	21	0.384	32.4	6000	12.6
300.5	303.6	2964	3.1	0.22	2.3	1140	76	0.682	7.13	3534	235.6
303.6	306.6	2965	3.0	0.11	0.8	410	18	0.33	2.4	1230	54
306.6	309.0	2966	2.4	0.10	1.2	400	6	0.24	2.88	960	14.4
309.0	311.7	2967	2.7	0.14	2.2	690	6	0.378	5.94	1863	16.2
311.7	315.4	2968	3.7	0.07	1.0	346	12	0.259	3.7	1280.2	44.4
315.4	318.0	2969	2.6	0.15	0.9	630	13	0.39	2.34	1638	33.8
318.0	321.0	2970	3.0	0.04	0.7	182	8	0.12	2.1	546	24
321.0	324.3	2971	3.3	0.09	0.8	410	48	0.297	2.64	1353	158.4
324.3	325.4	2972	1.1	0.01	0.3	30	8	0.011	0.33	33	8.8
325.4	327.3	2973	1.9	0.19	1.0	640	20	0.361	1.9	1216	38
327.3	330.3	2974	3.0	0.07	0.6	280	20	0.21	1.8	840	60
330.3	333.3	2975	3.0	0.08	0.6	210	12	0.24	1.8	630	36
333.3	336.4	2976	3.1	0.12	1.0	400	14	0.372	3.1	1240	43.4
336.4	339.4	2977	3.0	0.20	0.7	486	14	0.6	2.1	1458	42
339.4	342.4	2978	3.0	0.31	2.8	910	42	0.93	8.4	2730	126
342.4	345.4	2979	3.0	0.33	1.8	512	12	0.99	5.4	1536	36
345.4	348.4	2980	3.0	0.13	0.7	330	8	0.39	2.1	990	24
348.4	351.4	2981	3.0	0.17	0.8	476	24	0.51	2.4	1428	72
351.4	354.5	2982	3.1	0.14	0.8	330	10	0.434	2.48	1023	31
354.5	357.5	2983	3.0	0.20	0.8	570	32	0.6	2.4	1710	96
357.5	360.5	2984	3.0	0.13	0.4	410	9	0.39	1.2	1230	27
360.5	363.5	2985	3.0	0.50	1.2	1530	40	1.5	3.6	4590	120
363.5	366.5	2986	3.0	0.39	1.8	1130	10	1.17	5.4	3390	30
366.5	369.5	2987	3.0	0.22	1.4	1130	6	0.66	4.2	3390	18

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
369.5	372.5	2988	3.0	0.16	1.4	396	5	0.48	4.2	1188	15
372.5	375.7	2989	3.2	0.33	4.2	1350	8	1.056	13.44	4320	25.6
375.7	378.7	2990	3.0	0.19	1.2	1180	5	0.57	3.6	3540	15
378.7	381.7	2991	3.0	0.11	0.3	830	28	0.33	0.9	2490	84
381.7	383.7	2992	2.0	0.15	0.4	710	8	0.3	0.8	1420	16
383.7	386.7	2993	3.0	0.16	0.4	530	10	0.48	1.2	1590	30
386.7	390.0	2994	3.3	0.30	2.7	2900	4	0.99	8.91	9570	13.2
390.0	393.5	2995	3.5	0.33	0.3	920	14	1.155	1.05	3220	49
393.5	396.5	2996	3.0	0.17	2.8	530	8	0.51	8.4	1590	24
396.5	399.5	2997	3.0	0.10	0.6	400	12	0.3	1.8	1200	36
399.5	402.5	2998	3.0	0.14	0.8	610	14	0.42	2.4	1830	42
402.5	405.4	2999	2.9	0.22	1.4	886	30	0.638	4.06	2569.4	87
405.4	408.4	3000	3.0	0.42	6.0	966	16	1.26	18	2898	48
408.4	410.7	3001	2.3	0.16	1.8	280	10	0.368	4.14	644	23
410.7	413.7	3002	3.0	1.90	22.4	1910	12	5.7	67.2	5730	36
413.7	416.7	3003	3.0	0.35	5.4	530	24	1.05	16.2	1590	72
416.7	419.7	3004	3.0	0.08	1.4	310	16	0.24	4.2	930	48
419.7	422.7	3005	3.0	0.10	0.9	410	14	0.3	2.7	1230	42
422.7	425.7	3006	3.0	0.18	1.0	610	13	0.54	3	1830	39
425.7	428.7	3007	3.0	0.21	2.8	1400	76	0.63	8.4	4200	228
428.7	431.7	3008	3.0	0.18	1.2	740	16	0.54	3.6	2220	48
431.7	434.7	3009	3.0	0.17	0.8	596	10	0.51	2.4	1788	30
434.7	437.7	3010	3.0	0.19	0.7	476	9	0.57	2.1	1428	27
437.7	440.7	3011	3.0	0.32	1.0	750	36	0.96	3	2250	108
440.7	443.7	3012	3.0	0.31	1.7	980	42	0.93	5.1	2940	126
443.7	448.8	3013	5.1	0.20	1.0	750	58	1.02	5.1	3825	295.8
448.8	449.9	3014	1.1	0.23	0.6	760	68	0.253	0.66	836	74.8
449.9	452.9	3015	3.0	0.19	0.6	610	50	0.57	1.8	1830	150

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
24.1m - 51.1m											
Total (w*a)			27.0	3.93	63.9	26508	2358				
Mean				0.15	2.4	982	87				
51.1 m - 175.6 m											
Total (w*a)			124.5	54.36	352.2	285483	11190				
Mean				0.44	2.8	2293	90				
175.6 m - 303.6 m											
Total (w*a)			128.0	30.70	295.2	130351	2324				
Mean				0.24	2.3	1018	18				
303.6 m - 360.5 m											
Total (w*a)			56.9	8.05	57.4	24934	985				
Mean				0.14	1.0	438	17				
360.5 m - 428.7 m											
Total (w*a)			68.2	20.65	187.8	64949	1141				
Mean				0.30	2.8	952	17				
428.7 m - 452.9 m											
Total (w*a)			24.2	5.35	23.8	17117	860				
Mean				0.22	1.0	707	36				
24.1 m - 303.6 m											
Total (w*a)			279.5	88.99	711.3	442342	15873				
Mean				0.32	2.5	1583	57				
24.1 m - 452.9 m											
Total (w*a)			428.8	123.04	980.3	549343	18858				
Mean				0.29	2.3	1281	44				

DDH 1220 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
25.6	28.6	2747	3.0	0.40	1.4	2670	65	1.2	4.2	8010	195
28.6	31.8	2748	3.2	0.56	1.3	990	140	1.792	4.16	3168	448
31.8	34.8	2749	3.0	1.00	2.8	1900	158	3	8.4	5700	474
34.8	37.8	2750	3.0	0.90	2.2	3650	268	2.7	6.6	10950	804
37.8	41.1	2751	3.3	1.00	2.0	3000	92	3.3	6.6	9900	303.6
41.1	44.1	2752	3.0	0.47	1.8	2430	106	1.41	5.4	7290	318
44.1	47.1	2753	3.0	0.60	5.8	2500	120	1.8	17.4	7500	360
47.1	50.1	2754	3.0	0.64	1.6	2760	62	1.92	4.8	8280	186
50.1	53.1	2755	3.0	0.34	0.4	1910	89	1.02	1.2	5730	267
53.1	55.8	2756	2.7	0.36	0.4	1610	84	0.972	1.08	4347	226.8
55.8	58.8	2757	3.0	0.12	0.2	1080	79	0.36	0.6	3240	237
58.8	61.8	2758	3.0	0.43	2.0	2220	72	1.29	6	6660	216
61.8	64.8	2759	3.0	0.76	5.0	5400	72	2.28	15	16200	216
64.8	67.8	2760	3.0	0.61	1.4	3260	70	1.83	4.2	9780	210
67.8	70.7	2761	2.9	0.66	1.2	2780	70	1.914	3.48	8062	203
70.7	73.7	2762	3.0	0.68	1.5	3350	48	2.04	4.5	10050	144
73.7	76.6	2763	2.9	0.69	1.1	2560	71	2.001	3.19	7424	205.9
76.6	79.6	2764	3.0	0.26	3.1	2310	73	0.78	9.3	6930	219
79.6	80.5	2765	0.9	0.73	21.6	5900	36	0.657	19.44	5310	32.4
80.5	82.5	2766	2.0	0.54	3.2	3760	80	1.08	6.4	7520	160
82.5	85.5	2767	3.0	0.48	1.6	3600	43	1.44	4.8	10800	129
85.5	88.5	2768	3.0	0.73	2.6	4580	277	2.19	7.8	13740	831
88.5	90.6	2769	2.1	1.20	2.4	4720	313	2.52	5.04	9912	657.3
90.6	93.6	2770	3.0	0.45	1.6	3100	219	1.35	4.8	9300	657
93.6	96.6	2771	3.0	0.40	1.1	2460	112	1.2	3.3	7380	336
96.6	99.6	2772	3.0	0.37	1.4	2280	83	1.11	4.2	6840	249
99.6	102.6	2773	3.0	0.25	2.4	1900	292	0.75	7.2	5700	876
102.6	105.6	2774	3.0	0.31	1.2	1760	70	0.93	3.6	5280	210
105.6	107.7	2775	2.1	0.53	1.8	2020	76	1.113	3.78	4242	159.6
107.7	110.7	2776	3.0	0.39	2.4	2650	177	1.17	7.2	7950	531
110.7	113.7	2777	3.0	0.43	1.7	2100	142	1.29	5.1	6300	426
113.7	116.7	2778	3.0	0.39	1.5	2350	143	1.17	4.5	7050	429
116.7	119.7	2779	3.0	0.71	1.8	2960	205	2.13	5.4	8880	615
119.7	122.5	2780	2.8	0.30	0.8	1200	35	0.84	2.24	3360	98
122.5	125.7	2781	3.2	0.26	0.8	850	46	0.832	2.56	2720	147.2
125.7	128.7	2782	3.0	0.19	1.0	716	47	0.57	3	2148	141
128.7	131.7	2783	3.0	0.17	0.6	827	31	0.51	1.8	2481	93
131.7	135.1	2784	3.4	0.18	0.8	830	30	0.612	2.72	2822	102
135.1	137.3	2785	2.2	0.16	0.7	590	47	0.352	1.54	1298	103.4

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
137.3	140.7	2786	3.4	0.22	0.9	594	40	0.748	3.06	2019.6	136
140.7	143.7	2787	3.0	0.21	1.1	730	38	0.63	3.3	2190	114
143.7	146.7	2788	3.0	0.18	0.7	580	28	0.54	2.1	1740	84
146.7	149.7	2789	3.0	0.23	1.3	1140	71	0.69	3.9	3420	213
149.7	152.7	2790	3.0	0.26	0.7	1000	49	0.78	2.1	3000	147
152.7	155.7	2791	3.0	0.15	0.3	580	24	0.45	0.9	1740	72
155.7	158.7	2792	3.0	0.22	0.6	862	20	0.66	1.8	2586	60
158.7	161.5	2793	2.8	0.17	0.9	610	23	0.476	2.52	1708	64.4
161.5	163.3	2794	1.8	0.16	0.9	1030	45	0.288	1.62	1854	81
163.3	166.1	2795	2.8	0.23	0.6	920	25	0.644	1.68	2576	70
166.1	169.1	2796	3.0	0.43	1.1	1620	72	1.29	3.3	4860	216
169.1	172.1	2797	3.0	0.34	0.5	580	20	1.02	1.5	1740	60
172.1	175.1	2798	3.0	0.28	0.8	890	38	0.84	2.4	2670	114
175.1	178.1	2799	3.0	0.38	1.0	1160	24	1.14	3	3480	72
178.1	181.1	2800	3.0	0.41	0.9	900	18	1.23	2.7	2700	54
181.1	184.2	2801	3.1	0.36	0.6	1090	30	1.116	1.86	3379	93
184.2	187.2	2802	3.0	0.44	1.0	1480	57	1.32	3	4440	171
187.2	190.2	2803	3.0	0.98	1.8	926	32	2.94	5.4	2778	96
190.2	193.0	2804	2.8	0.45	7.0	1950	26	1.26	19.6	5460	72.8
193.0	196.0	2805	3.0	0.34	3.7	1090	433	1.02	11.1	3270	1299
196.0	199.0	2806	3.0	0.30	1.2	730	80	0.9	3.6	2190	240
199.0	202.7	2807	3.7	0.26	0.7	730	51	0.962	2.59	2701	188.7
202.7	204.9	2808	2.2	0.42	1.5	1270	72	0.924	3.3	2794	158.4
204.9	207.0	2809	2.1	0.22	0.4	400	13	0.462	0.84	840	27.3
207.0	209.2	2810	2.2	0.30	1.0	820	41	0.66	2.2	1804	90.2
209.2	211.0	2811	1.8	0.61	1.6	1510	52	1.098	2.88	2718	93.6
211.0	214.0	2812	3.0	0.34	0.6	916	78	1.02	1.8	2748	234
214.0	217.0	2813	3.0	0.44	1.5	1260	88	1.32	4.5	3780	264
217.0	220.0	2814	3.0	0.18	0.8	624	16	0.54	2.4	1872	48
220.0	223.0	2815	3.0	0.24	0.5	764	7	0.72	1.5	2292	21
223.0	227.0	2816	4.0	0.29	1.5	880	27	1.16	6	3520	108
227.0	230.1	2817	3.1	0.38	2.9	1180	21	1.178	8.99	3658	65.1
230.1	233.0	2818	2.9	0.24	1.0	718	16	0.696	2.9	2082.2	46.4
233.0	235.8	2819	2.8	0.20	0.3	820	22	0.56	0.84	2296	61.6
235.8	238.8	2820	3.0	0.17	0.9	530	24	0.51	2.7	1590	72
238.8	239.3	2821	0.5	0.01	0.1	20	1	0.005	0.05	10	0.5
239.3	242.3	2822	3.0	0.44	1.1	710	5	1.32	3.3	2130	15
242.3	244.7	2823	2.4	0.14	0.8	770	19	0.336	1.92	1848	45.6
244.7	247.8	2824	3.1	0.13	0.2	415	11	0.403	0.62	1286.5	34.1
247.8	250.8	2825	3.0	0.12	0.5	621	16	0.36	1.5	1863	48

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
250.8	254.0	2826	3.2	0.36	0.9	1008	23	1.152	2.88	3225.6	73.6
254.0	257.0	2827	3.0	0.46	1.2	2510	141	1.38	3.6	7530	423
257.0	260.1	2828	3.1	0.29	1.1	1470	46	0.899	3.41	4557	142.6
260.1	263.1	2829	3.0	0.14	0.6	580	56	0.42	1.8	1740	168
263.1	266.1	2830	3.0	0.47	1.0	1140	15	1.41	3	3420	45
266.1	269.1	2831	3.0	0.43	0.1	490	93	1.29	0.3	1470	279
269.1	272.1	2832	3.0	0.15	0.8	378	15	0.45	2.4	1134	45
272.1	275.1	2833	3.0	0.10	0.1	44	20	0.3	0.3	132	60
275.1	278.1	2834	3.0	0.08	0.1	130	41	0.24	0.3	390	123
278.1	281.1	2835	3.0	0.21	1.0	930	68	0.63	3	2790	204
281.1	284.1	2836	3.0	0.31	3.0	970	25	0.93	9	2910	75
284.1	287.1	2837	3.0	0.26	0.5	860	9	0.78	1.5	2580	27
287.1	290.1	2838	3.0	0.31	0.9	1210	23	0.93	2.7	3630	69
290.1	293.1	2839	3.0	0.25	1.1	810	5	0.75	3.3	2430	15
293.1	296.1	2840	3.0	0.24	1.4	1100	12	0.72	4.2	3300	36
296.1	299.1	2841	3.0	0.26	2.0	920	13	0.78	6	2760	39
299.1	302.1	2842	3.0	0.24	1.0	1200	30	0.72	3	3600	90
302.1	303.6	2843	1.5	0.28	0.9	1140	16	0.42	1.35	1710	24
303.6	306.4	2844	2.8	0.12	0.6	560	20	0.336	1.68	1568	56
306.4	307.1	2845	0.7	0.08	0.4	170	4	0.056	0.28	119	2.8
307.1	310.1	2846	3.0	0.06	0.6	254	10	0.18	1.8	762	30
310.1	313.1	2847	3.0	0.06	0.2	310	5	0.18	0.6	930	15
313.1	316.1	2848	3.0	0.05	1.0	290	6	0.15	3	870	18
316.1	319.1	2849	3.0	0.06	1.2	390	38	0.18	3.6	1170	114
319.1	322.1	2850	3.0	0.07	1.0	362	18	0.21	3	1086	54
322.1	325.1	2851	3.0	0.05	0.8	384	6	0.15	2.4	1152	18
325.1	328.7	2852	3.6	0.04	0.4	245	10	0.144	1.44	882	36
328.7	331.1	2853	2.4	0.03	0.2	183	14	0.072	0.48	439.2	33.6
331.1	333.0	2854	1.9	0.04	0.2	206	8	0.076	0.38	391.4	15.2
333.0	336.0	2855	3.0	0.06	0.2	225	8	0.18	0.6	675	24
336.0	339.0	2856	3.0	0.07	0.2	272	3	0.21	0.6	816	9
339.0	342.0	2857	3.0	0.04	0.2	138	4	0.12	0.6	414	12
342.0	345.0	2858	3.0	0.06	0.2	398	2	0.18	0.6	1194	6
345.0	348.0	2859	3.0	0.08	0.5	341	16	0.24	1.5	1023	48
348.0	352.0	2860	4.0	0.03	0.1	270	10	0.12	0.4	1080	40
352.0	354.0	2861	2.0	0.03	1.2	112	8	0.06	2.4	224	16
354.0	357.0	2862	3.0	0.03	0.1	116	3	0.09	0.3	348	9
357.0	360.0	2863	3.0	0.02	0.1	166	9	0.06	0.3	498	27
360.0	363.0	2864	3.0	0.02	0.2	154	4	0.06	0.6	462	12
363.0	366.0	2865	3.0	0.01	0.2	238	12	0.03	0.6	714	36

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
366.0	369.1	2866	3.1	0.02	0.2	180	4	0.062	0.62	558	12.4
25.6 m - 119.7 m											
Total (w*a)			94.1	51.71	198.7	255425.0	11531.6				
Mean				0.55	2.1	2714	123				
119.7 m - 306.4 m											
Total (w*a)			186.7	52.47	198.9	167338.9	7829.5				
Mean				0.28	1.1	896	42				
306.4 m - 369.1 m											
Total (w*a)			62.7	2.81	26.1	15807.6	588.0				
Mean				0.04	0.4	252	9				
25.6 m - 306.4 m											
Total (w*a)			280.8	104.18	397.5	422763.9	19361.1				
Mean				0.37	1.4	1506	69				
25.6 m - 369.1 m											
Total (w*a)			343.5	106.99	423.6	438571.5	19949.1				
Mean				0.31	1.2	1277	58				

DDH 1221 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
13.0	16.0	2647	3.0	0.13	0.2	400	12	0.39	0.6	1200	36
16.0	19.0	2648	3.0	0.09	0.8	800	8	0.27	2.4	2400	24
19.0	22.0	2649	3.0	0.22	0.8	1000	2	0.66	2.4	3000	6
22.0	24.0	2650	2.0	0.17	0.6	500	3	0.34	1.2	1000	6
24.0	26.9	2651	2.9	0.12	0.4	400	2	0.348	1.16	1160	5.8
26.9	30.6	2652	3.7	0.08	0.4	400	4	0.296	1.48	1480	14.8
30.6	34.3	2653	3.7	0.12	0.5	500	6	0.444	1.85	1850	22.2
34.3	37.4	2654	3.1	0.11	0.4	400	8	0.341	1.24	1240	24.8
37.4	41.5	2655	4.1	0.10	0.6	400	5	0.41	2.46	1640	20.5
41.5	43.6	2656	2.1	0.09	0.6	300	3	0.189	1.26	630	6.3
43.6	46.6	2657	3.0	0.51	1.4	1600	4	1.53	4.2	4800	12
46.6	49.6	2658	3.0	0.31	1.2	1100	12	0.93	3.6	3300	36
49.6	52.6	2659	3.0	0.34	1.5	1700	4	1.02	4.5	5100	12
52.6	55.6	2660	3.0	0.30	1.6	1000	2	0.9	4.8	3000	6
55.6	58.6	2661	3.0	0.31	1.6	1100	9	0.93	4.8	3300	27
58.6	61.6	2662	3.0	0.26	1.8	1500	4	0.78	5.4	4500	12
61.6	64.6	2663	3.0	0.13	0.8	600	4	0.39	2.4	1800	12
64.6	67.6	2664	3.0	0.32	0.7	800	4	0.96	2.1	2400	12
67.6	70.6	2665	3.0	0.35	1.2	1400	2	1.05	3.6	4200	6
70.6	73.6	2666	3.0	0.41	1.8	1400	2	1.23	5.4	4200	6
73.6	76.6	2667	3.0	0.28	0.9	800	4	0.84	2.7	2400	12
76.6	79.6	2668	3.0	0.27	1.2	1400	6	0.81	3.6	4200	18
79.6	82.6	2669	3.0	0.48	1.6	1700	6	1.44	4.8	5100	18
82.6	85.6	2670	3.0	1.27	4.0	5100	8	3.81	12	15300	24
85.6	88.6	2671	3.0	0.76	3.4	4600	4	2.28	10.2	13800	12
88.6	91.6	2672	3.0	0.32	1.5	1500	6	0.96	4.5	4500	18
91.6	94.5	2673	2.9	0.18	0.6	500	4	0.522	1.74	1450	11.6
94.5	97.6	2674	3.1	0.33	1.2	600	4	1.023	3.72	1860	12.4
97.6	100.6	2675	3.0	1.13	1.4	500	5	3.39	4.2	1500	15
100.6	103.6	2676	3.0	0.40	0.8	300	3	1.2	2.4	900	9
103.6	106.6	2677	3.0	0.79	1.2	800	7	2.37	3.6	2400	21
106.6	109.6	2678	3.0	0.29	1.0	700	4	0.87	3	2100	12
109.6	112.5	2679	2.9	0.22	0.8	400	4	0.638	2.32	1160	11.6
112.5	115.5	2680	3.0	0.26	1.0	500	5	0.78	3	1500	15
115.5	118.5	2681	3.0	0.14	0.6	500	2	0.42	1.8	1500	6
118.5	121.5	2682	3.0	0.39	1.0	500	13	1.17	3	1500	39
121.5	124.5	2683	3.0	0.13	0.4	300	6	0.39	1.2	900	18
124.5	127.6	2684	3.1	0.11	0.4	200	12	0.341	1.24	620	37.2
127.6	130.6	2685	3.0	0.10	1.0	700	5	0.3	3	2100	15

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
130.6	133.6	2686	3.0	0.23	0.4	200	12	0.69	1.2	600	36
133.6	136.6	2687	3.0	0.14	0.4	160	9	0.42	1.2	480	27
136.6	139.7	2688	3.1	0.48	0.4	190	4	1.488	1.24	589	12.4
139.7	144.1	2689	4.4	0.32	0.5	236	12	1.408	2.2	1038.4	52.8
144.1	148.3	2690	4.2	0.01	0.4	62	4	0.042	1.68	260.4	16.8
148.3	152.6	2691	4.3	0.02	0.3	30	2	0.086	1.29	129	8.6
152.6	155.6	2692	3.0	0.07	0.4	138	4	0.21	1.2	414	12
155.6	158.6	2693	3.0	0.22	0.5	384	12	0.66	1.5	1152	36
158.6	161.7	2694	3.1	0.35	0.5	284	4	1.085	1.55	880.4	12.4
161.7	164.7	2695	3.0	0.56	1.2	348	16	1.68	3.6	1044	48
164.7	167.7	2696	3.0	0.92	1.0	356	4	2.76	3	1068	12
167.7	170.7	2697	3.0	0.20	0.3	137	14	0.6	0.9	411	42
170.7	173.7	2698	3.0	0.33	1.0	234	16	0.99	3	702	48
173.7	176.7	2699	3.0	0.26	1.1	286	13	0.78	3.3	858	39
176.7	180.0	2700	3.3	0.17	0.8	136	5	0.561	2.64	448.8	16.5
180.0	183.1	2701	3.1	0.23	0.6	139	14	0.713	1.86	430.9	43.4
183.1	185.2	2702	2.1	0.40	0.7	480	29	0.84	1.47	1008	60.9
185.2	188.2	2703	3.0	0.15	0.5	350	8	0.45	1.5	1050	24
188.2	191.2	2704	3.0	0.18	0.8	680	9	0.54	2.4	2040	27
191.2	194.1	2705	2.9	0.41	1.6	1170	18	1.189	4.64	3393	52.2
194.1	197.5	2706	3.4	0.30	1.3	520	14	1.02	4.42	1768	47.6
197.5	200.5	2707	3.0	0.18	1.0	634	6	0.54	3	1902	18
200.5	203.5	2708	3.0	0.45	1.2	680	7	1.35	3.6	2040	21
203.5	206.3	2709	2.8	0.10	0.2	136	6	0.28	0.56	380.8	16.8
206.3	209.3	2710	3.0	0.05	0.4	133	5	0.15	1.2	399	15
209.3	212.3	2711	3.0	0.30	1.4	980	22	0.9	4.2	2940	66
212.3	215.3	2712	3.0	0.07	0.2	96	6	0.21	0.6	288	18
215.3	218.3	2713	3.0	0.43	0.8	318	30	1.29	2.4	954	90
218.3	219.9	2714	1.6	0.10	0.4	210	6	0.16	0.64	336	9.6
219.9	221.9	2715	2.0	0.28	0.8	174	26	0.56	1.6	348	52
221.9	224.9	2716	3.0	0.18	0.8	142	20	0.54	2.4	426	60
224.9	227.9	2717	3.0	0.06	0.3	92	8	0.18	0.9	276	24
227.9	230.9	2718	3.0	0.05	0.3	56	6	0.15	0.9	168	18
230.9	233.9	2719	3.0	0.06	0.2	80	8	0.18	0.6	240	24
233.9	236.9	2720	3.0	0.07	0.2	64	14	0.21	0.6	192	42
236.9	239.9	2721	3.0	0.19	0.2	78	10	0.57	0.6	234	30
239.9	242.9	2722	3.0	0.01	0.2	92	16	0.03	0.6	276	48
242.9	245.9	2723	3.0	0.13	0.4	178	7	0.39	1.2	534	21
245.9	248.1	2724	2.2	0.06	0.4	160	18	0.132	0.88	352	39.6
248.1	250.9	2725	2.8	0.09	0.4	340	7	0.252	1.12	952	19.6

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
250.9	253.9	2726	3.0	0.11	0.2	264	6	0.33	0.6	792	18
253.9	256.9	2727	3.0	0.13	0.2	375	8	0.39	0.6	1125	24
256.9	260.3	2728	3.4	0.15	15.0	231	40	0.51	51	785.4	136
260.3	263.3	2729	3.0	0.18	0.8	116	16	0.54	2.4	348	48
263.3	266.0	2730	2.7	0.44	0.8	60	6	1.188	2.16	162	16.2
266.0	267.5	2731	1.5	3.00	26.0	1520	8	4.5	39	2280	12
267.5	270.5	2732	3.0	0.95	3.2	280	6	2.85	9.6	840	18
270.5	273.8	2733	3.3	0.26	1.0	380	8	0.858	3.3	1254	26.4
273.8	276.8	2734	3.0	0.09	0.2	115	22	0.27	0.6	345	66
276.8	279.7	2735	2.9	0.04	0.3	62	6	0.116	0.87	179.8	17.4
279.7	282.7	2736	3.0	0.10	0.2	118	12	0.3	0.6	354	36
282.7	285.7	2737	3.0	0.13	0.3	113	6	0.39	0.9	339	18
285.7	288.4	2738	2.7	0.07	0.2	136	8	0.189	0.54	367.2	21.6
288.4	291.4	2739	3.0	0.07	0.4	126	5	0.21	1.2	378	15
291.4	294.5	2740	3.1	0.09	0.2	192	10	0.279	0.62	595.2	31
294.5	297.0	2741	2.5	0.41	0.4	376	5	1.025	1	940	12.5
297.0	298.7	2742	1.7	0.75	8.0	1770	8	1.275	13.6	3009	13.6
298.7	301.8	2743	3.1	0.60	1.8	380	9	1.86	5.58	1178	27.9
301.8	305.0	2744	3.2	0.16	0.3	288	6	0.512	0.96	921.6	19.2
305.0	308.1	2745	3.1	0.15	0.8	340	6	0.465	2.48	1054	18.6
308.1	312.1	2746	4.0	0.06	0.2	76	6	0.24	0.8	304	24
13.0 m - 43.6 m											
Total (w*a)			30.6	3.69	16.1	15600	166				
Mean				0.12	0.5	510	5				
43.6 m - 91.6 m											
Total (w*a)			48.0	19.86	78.6	81900	243				
Mean				0.41	1.6	1706	5				
91.6 m - 312.1 m											
Total (w*a)			220.5	58.00	246.0	70044	2149				
Mean				0.26	1.1	318	10				
13.0 m - 312.1 m											
Total (w*a)			299.1	81.55	340.7	167544	2559				
Mean				0.27	1.1	560	9				

DDH 1222 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
4.5	5.5	2395	1.0	1.26	8.8	3710	140	1.26	8.8	3710	140
5.5	7.7	2396	2.2	0.02	0.1	290	4	0.044	0.22	638	8.8
7.7	11.0	2397	3.3	0.55	1.9	1480	7	1.815	6.27	4884	23.1
11.0	14.0	2398	3.0	0.48	1.6	1520	4	1.44	4.8	4560	12
14.0	17.0	2399	3.0	0.61	1.2	1000	6	1.83	3.6	3000	18
17.0	20.0	2400	3.0	0.53	1.5	1530	9	1.59	4.5	4590	27
20.0	23.0	2401	3.0	0.56	1.5	1410	11	1.68	4.5	4230	33
23.0	26.0	2402	3.0	0.65	1.6	1310	16	1.95	4.8	3930	48
26.0	29.0	2403	3.0	0.46	1.8	1440	12	1.38	5.4	4320	36
29.0	32.0	2404	3.0	0.50	1.3	1720	12	1.5	3.9	5160	36
32.0	35.0	2405	3.0	0.49	1.6	2740	9	1.47	4.8	8220	27
35.0	38.0	2406	3.0	0.44	1.1	1640	8	1.32	3.3	4920	24
38.0	41.0	2407	3.0	0.64	2.3	1950	200	1.92	6.9	5850	600
41.0	44.0	2408	3.0	0.56	1.6	1050	8	1.68	4.8	3150	24
44.0	47.0	2409	3.0	0.60	2.4	1110	12	1.8	7.2	3330	36
47.0	50.0	2410	3.0	0.51	1.5	1180	8	1.53	4.5	3540	24
50.0	53.0	2411	3.0	0.38	1.6	1500	30	1.14	4.8	4500	90
53.0	56.0	2412	3.0	0.48	1.7	1540	20	1.44	5.1	4620	60
56.0	59.0	2413	3.0	0.66	2.0	1780	40	1.98	6	5340	120
59.0	62.0	2414	3.0	0.72	1.8	1510	16	2.16	5.4	4530	48
62.0	65.0	2415	3.0	0.40	1.5	1500	8	1.2	4.5	4500	24
65.0	68.0	2416	3.0	1.36	2.7	3150	8	4.08	8.1	9450	24
68.0	71.0	2417	3.0	1.70	5.9	7560	28	5.1	17.7	22680	84
71.0	74.0	2418	3.0	0.64	1.0	820	22	1.92	3	2460	66
74.0	77.0	2419	3.0	0.89	2.0	2620	42	2.67	6	7860	126
77.0	80.0	2420	3.0	0.27	0.9	1020	8	0.81	2.7	3060	24
80.0	83.0	2421	3.0	0.99	2.6	4000	24	2.97	7.8	12000	72
83.0	86.0	2422	3.0	0.54	1.3	1430	6	1.62	3.9	4290	18
86.0	89.0	2423	3.0	1.02	1.6	3030	22	3.06	4.8	9090	66
89.0	92.0	2424	3.0	0.36	0.9	1960	10	1.08	2.7	5880	30
92.0	95.0	2425	3.0	0.60	1.0	2670	66	1.8	3	8010	198
95.0	98.0	2426	3.0	10.00	1.5	5460	58	30	4.5	16380	174
98.0	101.0	2427	3.0	0.40	0.8	1520	30	1.2	2.4	4560	90
101.0	104.0	2428	3.0	0.21	0.5	780	10	0.63	1.5	2340	30
104.0	107.0	2429	3.0	0.36	0.8	1530	26	1.08	2.4	4590	78
107.0	108.0	2430	1.0	0.34	1.4	1400	22	0.34	1.4	1400	22
108.0	111.0	2431	3.0	2.60	6.4	4220	16	7.8	19.2	12660	48
111.0	113.1	2432	2.1	0.63	2.6	1380	8	1.323	5.46	2898	16.8
113.1	115.0	2433	1.9	0.42	100.0	1720	240	0.798	190	3268	456

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
115.0	118.0	2434	3.0	0.37	0.8	1240	12	1.11	2.4	3720	36
118.0	121.0	2435	3.0	0.29	1.4	1020	10	0.87	4.2	3060	30
121.0	124.0	2436	3.0	0.21	0.5	980	14	0.63	1.5	2940	42
124.0	127.0	2437	3.0	0.38	0.6	1240	10	1.14	1.8	3720	30
127.0	130.0	2438	3.0	0.15	0.2	810	36	0.45	0.6	2430	108
130.0	133.0	2439	3.0	0.23	0.4	1280	6	0.69	1.2	3840	18
133.0	136.0	2440	3.0	0.16	0.2	870	30	0.48	0.6	2610	90
136.0	139.0	2441	3.0	0.36	0.6	960	15	1.08	1.8	2880	45
139.0	142.0	2442	3.0	0.30	0.7	1060	15	0.9	2.1	3180	45
142.0	145.0	2443	3.0	0.39	0.6	1300	12	1.17	1.8	3900	36
145.0	148.0	2444	3.0	0.40	0.7	1450	15	1.2	2.1	4350	45
148.0	151.0	2445	3.0	0.34	0.7	1240	8	1.02	2.1	3720	24
151.0	154.0	2446	3.0	0.34	1.4	1475	20	1.02	4.2	4425	60
154.0	157.0	2447	3.0	0.19	0.7	854	15	0.57	2.1	2562	45
157.0	160.0	2448	3.0	0.34	1.6	1100	9	1.02	4.8	3300	27
160.0	163.0	2449	3.0	0.47	2.6	1950	20	1.41	7.8	5850	60
163.0	166.0	2450	3.0	0.69	2.8	1980	17	2.07	8.4	5940	51
166.0	169.0	2457	3.0	0.34	2.0	1429	10	1.02	6	4287	30
169.0	172.0	2458	3.0	0.30	1.4	970	13	0.9	4.2	2910	39
172.0	175.0	2459	3.0	0.21	1.8	580	6	0.63	5.4	1740	18
175.0	178.0	2460	3.0	0.53	1.8	1470	16	1.59	5.4	4410	48
178.0	181.0	2461	3.0	0.44	1.2	1290	9	1.32	3.6	3870	27
181.0	184.0	2462	3.0	0.64	1.0	945	6	1.92	3	2835	18
184.0	187.0	2463	3.0	0.34	1.2	1354	12	1.02	3.6	4062	36
187.0	190.0	2464	3.0	1.08	1.4	2760	24	3.24	4.2	8280	72
190.0	193.0	2465	3.0	0.23	0.8	980	17	0.69	2.4	2940	51
193.0	196.0	2466	3.0	0.33	1.8	1100	12	0.99	5.4	3300	36
196.0	199.0	2467	3.0	0.49	2.2	1190	22	1.47	6.6	3570	66

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
4.5 m - 65.0 m											
Total (w*a)			60.5	32.13	104.1	91522	1459				
Mean				0.53	1.7	1513	24				
65.0 m - 113.1 m											
Total (w*a)			48.1	67.48	96.6	129608	1167				
Mean				1.40	2.0	2695	24				
113.1 m - 199.0 m											
Total (w*a)			85.9	32.42	289.3	107899	1689				
Mean				0.38	3.4	1256	20				
4.5 m - 199.0 m											
Total (w*a)			194.5	132.03	490.0	329029	4315				
Mean				0.68	2.5	1692	22				

DDH 1223 ASSAY TABLE											
From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
0.0	7.9	3016	7.9	0.42	1.4	740	65	3.318	11.06	5846	513.5
7.9	11.0	3017	3.1	0.60	2.2	1310	100	1.86	6.82	4061	310
11.0	14.0	3018	3.0	0.86	4.6	3150	30	2.58	13.8	9450	90
14.0	17.1	3019	3.1	0.45	1.2	980	12	1.395	3.72	3038	37.2
17.1	19.0	3020	1.9	0.09	0.8	470	9	0.171	1.52	893	17.1
19.0	22.0	3021	3.0	0.13	0.4	260	6	0.39	1.2	780	18
22.0	24.4	3022	2.4	0.22	1.2	670	9	0.528	2.88	1608	21.6
24.4	27.4	3023	3.0	0.74	3.2	3100	26	2.22	9.6	9300	78
27.4	30.4	3024	3.0	0.42	2.0	1540	42	1.26	6	4620	126
30.4	33.8	3025	3.4	1.40	14.6	1950	165	4.76	49.64	6630	561
33.8	36.4	3026	2.6	0.15	1.8	550	10	0.39	4.68	1430	26
36.4	39.4	3027	3.0	0.06	0.6	216	6	0.18	1.8	648	18
39.4	42.4	3028	3.0	0.05	0.6	290	29	0.15	1.8	870	87
42.4	45.6	3029	3.2	2.00	0.8	276	12	6.4	2.56	883.2	38.4
45.6	49.0	3030	3.4	0.06	0.8	330	16	0.204	2.72	1122	54.4
49.0	50.3	3031	1.3	0.01	0.4	60	2	0.0065	0.52	78	2.6
50.3	52.2	3032	1.9	0.10	0.2	186	6	0.19	0.38	353.4	11.4
52.2	54.5	3033	2.3	0.16	1.2	330	38	0.368	2.76	759	87.4
54.5	58.0	3034	3.5	0.17	1.0	90	82	0.595	3.5	315	287
58.0	60.5	3035	2.5	1.08	0.8	210	25	2.7	2	525	62.5
60.5	62.5	3036	2.0	0.25	0.8	88	40	0.5	1.6	176	80
62.5	66.1	3037	3.6	0.15	0.6	126	10	0.54	2.16	453.6	36
66.1	69.1	3038	3.0	0.09	0.4	160	14	0.27	1.2	480	42
69.1	72.1	3039	3.0	0.63	1.0	250	10	1.89	3	750	30
72.1	73.3	3040	1.2	0.10	0.8	132	25	0.12	0.96	158.4	30
73.3	76.3	3041	3.0	0.43	0.9	252	8	1.29	2.7	756	24
76.3	79.0	3042	2.7	0.15	1.4	300	10	0.405	3.78	810	27
79.0	82.6	3043	3.6	0.08	1.0	296	6	0.288	3.6	1065.6	21.6
82.6	85.6	3044	3.0	0.25	4.0	1770	10	0.75	12	5310	30
85.6	88.6	3045	3.0	0.13	2.2	286	10	0.39	6.6	858	30
88.6	91.6	3046	3.0	0.18	1.4	210	14	0.54	4.2	630	42
91.6	94.6	3047	3.0	0.21	0.8	200	16	0.63	2.4	600	48
94.6	97.6	3048	3.0	0.04	0.6	194	14	0.12	1.8	582	42
97.6	100.6	3049	3.0	0.05	0.6	110	12	0.15	1.8	330	36
100.6	103.6	3050	3.0	0.10	0.8	232	10	0.3	2.4	696	30
103.6	106.6	3051	3.0	0.58	8.2	3280	8	1.74	24.6	9840	24
106.6	109.6	3052	3.0	0.17	1.4	310	12	0.51	4.2	930	36
109.6	112.6	3053	3.0	0.21	1.0	286	18	0.63	3	858	54
112.6	115.6	3054	3.0	0.25	1.3	284	14	0.75	3.9	852	42

From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
115.6	118.0	3055	2.4	0.13	1.1	184	11	0.312	2.64	441.6	26.4
118.0	121.5	3056	3.5	1.61	12.6	2700	24	5.635	44.1	9450	84
121.5	124.5	3057	3.0	0.06	1.0	176	9	0.18	3	528	27
124.5	127.5	3058	3.0	0.05	0.8	154	10	0.15	2.4	462	30
127.5	130.5	3059	3.0	0.25	0.6	210	8	0.75	1.8	630	24
130.5	133.5	3060	3.0	0.23	0.8	210	22	0.69	2.4	630	66
133.5	136.5	3061	3.0	0.10	0.8	136	12	0.3	2.4	408	36
136.5	139.5	3062	3.0	0.33	0.8	160	26	0.99	2.4	480	78
139.5	142.5	3063	3.0	0.28	0.8	316	19	0.84	2.4	948	57
142.5	145.0	3064	2.5	0.06	0.6	200	16	0.15	1.5	500	40
145.0	147.2	3065	2.2	0.19	1.0	386	15	0.418	2.2	849.2	33
147.2	150.2	3066	3.0	0.15	0.8	270	24	0.45	2.4	810	72
150.2	153.2	3067	3.0	0.47	1.6	510	18	1.41	4.8	1530	54
153.2	156.0	3068	2.8	0.46	5.8	2370	24	1.288	16.24	6636	67.2
156.0	158.0	3069	2.0	3.63	3.0	710	30	7.26	6	1420	60
158.0	161.0	3070	3.0	0.17	1.0	290	24	0.51	3	870	72
161.0	164.0	3071	3.0	1.90	0.8	250	6	5.7	2.4	750	18
164.0	166.0	3072	2.0	0.13	0.5	210	15	0.26	1	420	30
166.0	167.9	3073	1.9	0.13	0.6	100	106	0.247	1.14	190	201.4
167.9	168.3	3074	0.4	2.10	13.0	86	21	0.84	5.2	34.4	8.4
168.3	171.3	3075	3.0	0.05	0.4	90	11	0.15	1.2	270	33
171.3	174.3	3076	3.0	0.07	0.4	130	10	0.21	1.2	390	30
174.3	177.3	3077	3.0	0.04	0.6	164	19	0.12	1.8	492	57
177.3	180.3	3078	3.0	0.05	0.4	100	6	0.15	1.2	300	18
180.3	183.4	3079	3.1	0.15	0.6	68	16	0.465	1.86	210.8	49.6
183.4	186.4	3080	3.0	10.00	0.4	158	8	30	1.2	474	24
186.4	189.4	3081	3.0	0.09	0.4	130	8	0.27	1.2	390	24
189.4	193.2	3082	3.8	0.94	14.6	396	12	3.572	55.48	1504.8	45.6
193.2	196.2	3083	3.0	0.41	0.8	110	9	1.23	2.4	330	27
196.2	199.2	3084	3.0	0.03	0.6	80	8	0.09	1.8	240	24
199.2	202.2	3085	3.0	0.04	0.6	92	12	0.12	1.8	276	36
202.2	205.2	3086	3.0	0.01	0.6	82	11	0.03	1.8	246	33
205.2	208.2	3087	3.0	0.03	0.4	60	16	0.09	1.2	180	48
208.2	211.2	3088	3.0	0.09	0.4	100	16	0.27	1.2	300	48
211.2	213.6	3089	2.4	0.13	0.6	62	20	0.312	1.44	148.8	48
213.6	214.1	3090	0.5	1.61	8.0	186	12	0.805	4	93	6
214.1	217.2	3091	3.1	0.06	0.6	62	12	0.186	1.86	192.2	37.2
217.2	220.2	3092	3.0	0.03	0.4	66	11	0.09	1.2	198	33
220.2	223.2	3093	3.0	0.08	0.4	92	22	0.24	1.2	276	66
223.2	226.2	3094	3.0	0.04	0.2	96	10	0.12	0.6	288	30

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From	To	Number	Width m	Au ppm	Ag ppm	Cu ppm	Mo ppm	Au (w*a)	Ag (w*a)	Cu(w*a)	Mo(w*a)
226.2	229.2	3095	3.0	0.02	0.2	110	18	0.06	0.6	330	54
229.2	232.2	3096	3.0	0.03	0.2	100	16	0.09	0.6	300	48
232.2	235.2	3097	3.0	0.06	0.2	120	18	0.18	0.6	360	54
235.2	238.2	3098	3.0	0.02	0.2	92	16	0.06	0.6	276	48
238.2	241.2	3099	3.0	0.01	0.4	94	16	0.03	1.2	282	48
241.2	244.2	3100	3.0	0.06	0.3	140	22	0.18	0.9	420	66
244.2	247.2	2867	3.0	0.01	0.2	20	4	0.015	0.6	60	12
247.2	250.2	2868	3.0	0.03	0.6	62	9	0.09	1.8	186	27
250.2	253.2	2869	3.0	0.02	0.4	42	7	0.06	1.2	126	21
253.2	256.2	2870	3.0	0.11	3.6	140	24	0.33	10.8	420	72
256.2	259.2	2871	3.0	0.06	0.6	68	5	0.18	1.8	204	15
259.2	264.0	2872	4.8	0.01	0.6	164	5	0.048	2.88	787.2	24
0.0 m - 33.8 m											
Total (w*a)			33.8	18.48	106.2	46226	1772				
Mean				0.55	3.1	1368	52				
33.8 m - 196.2 m											
Total (w*a)			162.4	87.54	285.6	65468	2772				
Mean				0.54	1.8	403	17				
196.2 m - 264.0 m											
Total (w*a)			67.8	3.68	41.7	6189	898				
Mean				0.05	0.6	91	13				
0.0 m - 196.2 m											
Total (w*a)			196.2	106.03	391.8	111694	4544				
Mean				0.54	2.0	569	23				
0.0 m - 264.0 m											
Total (w*a)			264.0	109.70	433.5	117883	5443				
Mean				0.42	1.6	447	21				

APPENDIX 4

Excerpts from International Skyline's
Bronson Slope Mine
Approval Certificate Application
(sections 2, 3)

2.0 GEOLOGY

2.1 Regional Geology (after Rhys 1993, 1995)

The Iskut River region is within the Intermontane Belt on the western margin of the Stikine terrane. Three distinct stratigraphic elements are recognised in the western portion of the area (Anderson, 1989): (i) Upper Paleozoic schists, argillites, coralline limestone and volcanic rocks of the Stikine Assemblage, (ii) Triassic Stuhini Group volcanic and sedimentary arc related strata, and (iii) Lower to Middle Jurassic Hazelton Group volcanic and sedimentary arc related strata.

Intrusive rocks in the Iskut River region comprise five plutonic suites. The Stikine plutonic suite comprises Late Triassic calc-alkaline intrusions which are coeval with Stuhini Group strata. The Copper Mountain, Texas Creek and Three Sisters plutonic suites are variable in composition but are roughly coeval and cospatial with Hazelton Group volcanic strata. Tertiary elements of the Coast Plutonic Complex are represented by predominantly granodioritic to monzonitic Eocene intrusions of the Hyder plutonic suite, exposed 12 kilometres south of the Bronson Slope deposit (Britton et al., 1990).

The age, mineralogy and texture of the Red Bluff porphyry stock (associated with the Bronson Slope deposit), suggest that it belongs to the metallogenetically important Early Jurassic Texas Creek plutonic suite (Alldrick, 1985; Alldrick et al, 1987; Brown, 1987). Plutons of this suite are widespread in the Stewart, Iskut River region and range in age from 196 to 185 million years (Anderson, 1993; MacDonald et al., 1992, and in preparation).

2.2 Project Geology

2.2.1 Geology of the Bronson Creek Area

Strata in the Bronson Creek area are divided into a lower and an upper sequence; probably correlating with Triassic Stuhihi Group and Jurassic Hazelton Group respectively. The sequences are separated by a flat lying to gently dipping regional unconformity exposed some three kilometres to the southwest of the deposit near the Johnny Mountain Gold mine (Figure 2-1).

The lower sequence comprises folded turbiditic greywackes with interbedded siltstones, mudstones, volcanic conglomerate and rare lenses of carbonate rocks. The sequence is weakly to moderately metamorphosed (lower greenschist facies).

The lower sequence is intruded by the Red Bluff porphyry stock, a hydrothermally altered, potassium feldspar megacrystic, plagioclase porphyritic intrusion of probable granodioritic composition. The stock is approximately 2.0 kilometres long, up to 0.3 kilometres wide and trends southeast along the southwest side of the Bronson Creek valley. Contacts of the stock with country rocks are not well defined, but where observed in drill core or underground workings are either faulted or intrusive. The southwest and northeast contacts appear to be southwesterly dipping.

2.2.2 Geology of the Bronson Slope Deposit

The Bronson Slope porphyry gold, copper, silver, molybdenum deposit occurs on the southwest flank of the Red Bluff stock in hydrothermally altered country rocks and to a lesser extent in altered intrusive rocks.

The country rocks in the deposit comprise dark coloured, intermediate to mafic mudstones and siltstones with lesser amounts of light coloured wackes as interbeds. The sedimentary rocks are variably hydrothermally altered as a function of proximity to the intrusive porphyry. The alteration sequence in order of increasing distance from the intrusive is: (i) potassium feldspar alteration with subordinate chlorite, sericite and biotite, (ii) chlorite biotite hornfels with subordinate calcite and (iii) biotite carbonate alteration (occasionally schistose) with subordinate chlorite and sericite. There is field mapping evidence of a quartz, sericite, pyrite phyllic zone followed by a calcite, epidote, biotite, chlorite propylitic zone adjacent to those previously mentioned but these zones have not been encountered in the present drill pattern.

The intrusive rocks in the deposit comprise the Red Bluff porphyry stock variably but extensively altered by the overprint of quartz, magnetite mineralization. The quartz, magnetite was emplaced by multiple phases of veining which exhibit a wide range of depositional textures including: (i) simple widely spaced quartz, magnetite stringers ranging from several millimetres to several centimetres thick, (ii) several sets of crosscutting quartz, magnetite stringers of similar size, (iii) a stockwork of multiple sets of crosscutting quartz, magnetite stringers of sufficiently dense spacing to comprise greater than 50% of the whole rock mass, (iv) complete replacement of the original rock by quartz (90%) and magnetite (10%) and (v) a stockwork of quartz magnetite stringers cutting quartz, magnetite replacement to form a quartz, magnetite breccia. The quartz, magnetite mineralization has also occurred in the sedimentary rocks in the deposit.

The deposition of gold, copper, silver and molybdenum has accompanied late quartz, pyrite veining that has cut the sedimentary rocks, the intrusive rocks and the quartz, magnetite mineralization. The ore minerals have deposited as discrete grains in and along boundaries of quartz stringers, as discrete grains disseminated throughout altered mafic sedimentary rocks and as thin films coating closely spaced late hairline fractures.

The metal prices used to define the metal grade categories are: (i) gold at US $12.06 per gram or US $375 per troy ounce, (ii) silver at US$ 0.16 per gram or US $5.06 per troy ounce and (iii) copper at US $2,072.34 per metric tonne or US $0.94 per pound. Molybdenum values were not included in the determination of metal grade categories. The Canadian dollar value used is equivalent to US $0.75.

In the case of the Bronson Slope deposit, the total inferred and indicated resource of mineralised rock containing greater than Cdn. $10.00 per metric tonne worth of metal (Gross Contained Metal Value) is 90.2 million metric tonnes containing an average of 0.749 grams gold per metric tonne, 4.2 grams silver per metric tonne, 0.16 % copper and 0.01 % molybdenum. The value of metals contained in this resource is Cdn. $1.56 billion or an average of Cdn. $17.34 per metric tonne.

Within this larger deposit, the company has designed an open cut that would initially mine the lower cost material. This open cut contains a probable reserve of 56.7 million metric tonnes containing an average of 0.545 grams gold per metric tonne, 2.4 grams silver per metric tonne, 0.18 % copper and 0.01 % molybdenum including all mineralised rock containing greater than Cdn. $5.00 per metric tonne worth of metal. The value of metals contained in this reserve is Cdn. $813.6 million or an average of Cdn. $14.34 per metric tonne. In order to mine this reserve of mineralised rock, the company will have to mine a total of 16.3 million metric tonnes of waste rock. The ratio of waste rock to ore is 0.29:1. This proposed open cut mine plan is the subject of this Application for Environmental Review.

2.3.2 Mine Life

The company is proposing to construct a concentrator nominally capable of processing 12,000 metric tonnes per day of ore. Assuming a plant availability of 345 days per year, the mine plan should be completed in 13.7 years.

2.2.3 Ore Mineralogy

The ore minerals in the deposit are as follows; (i) copper: chalcopyrite with minor covellite, chalcocite, malachite, native copper and cuprite, (ii) silver: tetrahedrite, (iii) molybdenum: molybdenite and (iv) gold: not seen but demonstrates a correlation with copper and likely occurs microscopically on chalcopyrite grain boundaries. The gangue minerals in the deposit are quartz, pyrite, dolomite and calcite with minor chlorite, biotite and sericite. The magnetite content of the deposit is approximately 10% and represents a recoverable and potentially profitable component of the deposit if transportation costs from the site to tidewater can be minimized.

2.2.4 Host Mineralogy

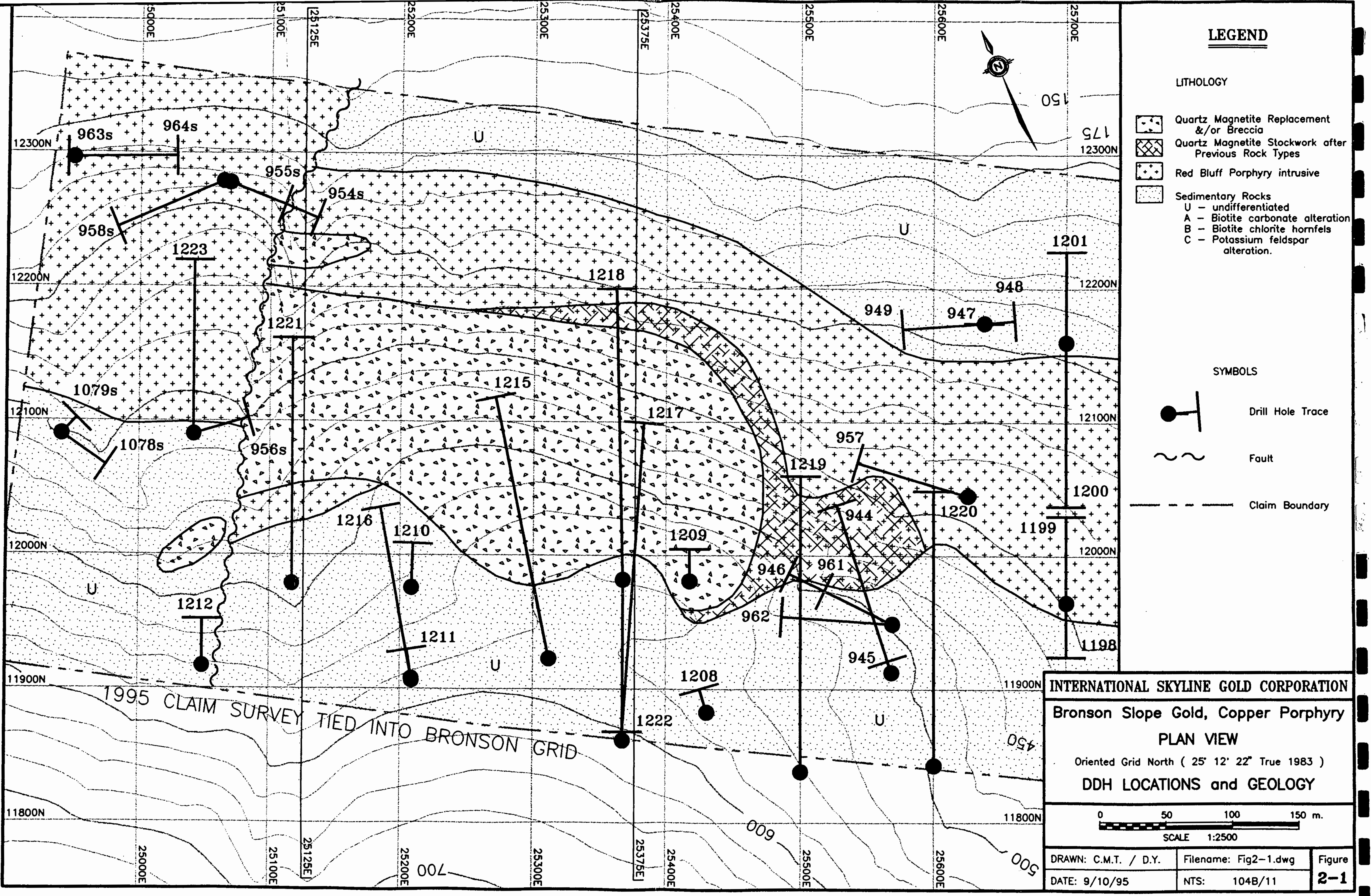
The mineralogy of the host rock and of the waste rock comprises predominantly feldspar, quartz, chlorite, dolomite, pyrite, calcite, biotite, sericite and minor clay minerals.

2.3 Reserves and Mine Life

2.3.1 Reserves

The reserve estimate for the Bronson Slope deposit is based on information from 47 diamond drill holes comprising 7,126 metres of drilling. These holes were drilled during exploration projects in 1965, 1988, 1993, 1994 and 1995. The 1988 program gave preliminary indications of the gold potential of the deposit but it was not until the 1993 drilling that the size potential was discovered. The high grade core of the deposit was outlined in 1994.

Reserves have been calculated using the bench polygonal weighting method. The steps used to calculate reserves in this fashion are as follows: (i) the deposit is divided into a series of horizontal slices approximating mining benches in an open pit mine; in the case of the Bronson Slope deposit the bench thickness is 10 metres, (ii) for each drill hole on each bench, a composite metal assay value is assigned by finding the weighted arithmetic mean of the assay intervals that fall within the 10 metre elevation slice, (iii) the composite metal assay value for each drill hole on each bench is assigned to a polygonal area surrounding the drill hole; the shape of the polygon being determined by perpendicular bisector lines between drill holes, (iv) the volume and weight of mineralised rock associated with each polygon is calculated by multiplying the area of each polygon by the bench thickness and the specific gravity of the rock (S. G. = 2.65), (v) the total tonnages of the polygonal blocks falling within the various metal grade categories are compiled and (vi) the weighted arithmetic means of the metal grades for the total tonnages in each metal grade category are calculated.



INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

PLAN VIEW

Oriented Grid North (25° 12' 22" True 1983)

DDH LOCATIONS and GEOLOGY

DRAWN: C.M.T. / D.Y.	Filename: Fig2-1.dwg	Figure
DATE: 9/10/95	NTS: 104B/11	2-1

3.0 PROJECT DESCRIPTION

3.1 Location and Access

3.1.1 Location

The deposit is located in the Liard mining district at 56° 39' 54" N. Latitude, 131° 05' 15" W. Longitude on N. T. S. map sheet 104 B 11E. It is 110 air km northwest of Stewart, B.C.

3.1.2 Present Access

The property is only accessible by air and is serviced by two nearby airstrips, Bronson Creek and Johnny Mountain, both of which are capable of utilizing Hercules C-130 transports. The airstrips are 240 air kilometers from Terrace, B. C. and 82 air kilometers from Wrangell, Alaska. Cominco Ltd. also uses a hovercraft to transport freight via the Iskut and Stikine Rivers to Wrangell.

3.1.3 Planned Access

The development of the Bronson Slope gold, copper porphyry will be dependent on road access to the site. A 30.5 kilometer extension of the existing Eskay Creek road from Volcano Creek to Bronson Creek is the most logical route. This extension would allow concentrate and supplies to be transported via the Cassiar - Stewart Highway and the existing port facilities located at Stewart, B.C. on the Portland Canal.

The Iskut Valley spur road is planned as an extension to the existing Eskay Creek Road (Figure 3-1) which connects Homestake Canada's Eskay Creek mine to Highway 37 just south of Bob Quinn.

The Iskut Valley spur road was the subject of a study completed by Klohn Leonoff Consulting Engineers on March 28, 1991. The study was commissioned by the British Columbia Ministry of Energy, Mines and Petroleum Resources. The report was intended to provide approval for road access to the Cominco Snip mine located at the junction of Bronson Creek and the Iskut River as well as access to the Eskay Creek mine located near Tom Mackay Lake. The section of the road to Eskay Creek has been completed.

The portion of the road to the Cominco Snip mine has not yet been completed. The construction of the road has been approved in principal. The final routing and design will be carried out under the issuance of a Ministry of Forests Special Use Permit for a Category C Resource Development Road. The construction of the road will have to meet the requirements of the Forest Practices Code.

As the road has been already approved in principal, it is not necessary for it to be re-approved under this application.

Concentrate will be hauled from the mine site by a contractor using highway certified vehicles. Approximately eight truckloads per day of concentrate will be hauled from the mine site to Stewart, British Columbia. General materials, explosives and fuel, as well as other specific materials, will be hauled in vehicles designed for those purposes.

All vehicles using the Iskut Valley Road and the Bronson Slope Spur Road will be in radio contact at all times. The vehicles will be required to give their location at selected points along the access road. Access to the road will be controlled by an existing gate, jointly controlled by Eskay Creek and Bronson Slope mines, in the middle of the Ningunsaw River Bridge at approximately km 4 on the access road. We understand the gate is locked with a rotating combination lock and is adequate to restrict unauthorized access to the area. The component distances between the mine site and shipping point are:

	KM
Mine Site to Junction of Eskay Creek Road	30
Iskut Valley Road to Hwy 37 Junction	50
Highway 37 Jct to Bell II	44
Bell II to Meziadin Jct	94
Meziadin Jct to Stewart (Hwy 37A)	62

An avalanche and snow safety study has been completed for the Iskut Valley Road and a study will be undertaken for the Bronson Slope Spur road.

3.1.4 Logging Truck Traffic - Highways 37 and 37A

A major truck traffic source on Highway 37 and 37A is logging traffic. Estimates of logging truck traffic were obtained from Ministry of Forests in Smithers and are as follows:

Highway 37

Yukon traffic	20 to 30 loads/day August 1995 4 to 5 October 1995
British Columbia	8 to 9 loads/day December to March annually

Highway 37A

Approximately 10 percent of this traffic.

Additional logging truck traffic originates from the Bobquin and Nass-Kispiox areas. Estimates are presently unavailable.

3.2 Mine Plan

Figure 3-2 is a site plan showing the relationship of the open pit and tailings impoundment.

3.2.1 Introduction

The Bronson Slope Gold, Copper Porphyry will be developed utilizing conventional open pit methods, keeping in mind that Bronson Slope is not a conventional open pit deposit. The mineral deposit has been exposed on three sides by natural erosion, leaving a steep bluff protruding from a mountain slope. This will allow the deposit to be mined by a series of horizontal benches, which will ultimately result in a slice being taken of the side of the mountain slope (Figures 3-3 to 3-7). The mined deposit will be referred to as an open pit for simplicity throughout the report.

The deposit is located above the planned site facilities, as opposed to being below the facilities. This stratigraphic location will eliminate the need for hauling material to waste storage facilities and the mill. All material moved from the mine area will be dropped down a twin ore pass system to the valley bottom where it will be transferred by conveyor to either the mill or waste storage facility (Figure 3-8).

3.2.2 Mineable Reserve Estimate

The minimum estimated mineable resource at Bronson Slope is 56,728,000 tonnes of ore grading 0.545 grams per tonne gold, 2.4 grams per tonne silver, 0.18 % copper, 0.01 % molybdenum, and 16,347,000 tons of waste material of which 9,502,000 is possible prestrip. The deposit realizes an ultimate strip ratio of 0.29:1 waste to ore. A breakdown of progressive strip ratios is outlined in Table 3-1. These estimates are subject to increase with further drilling, and more detailed economic analyses.

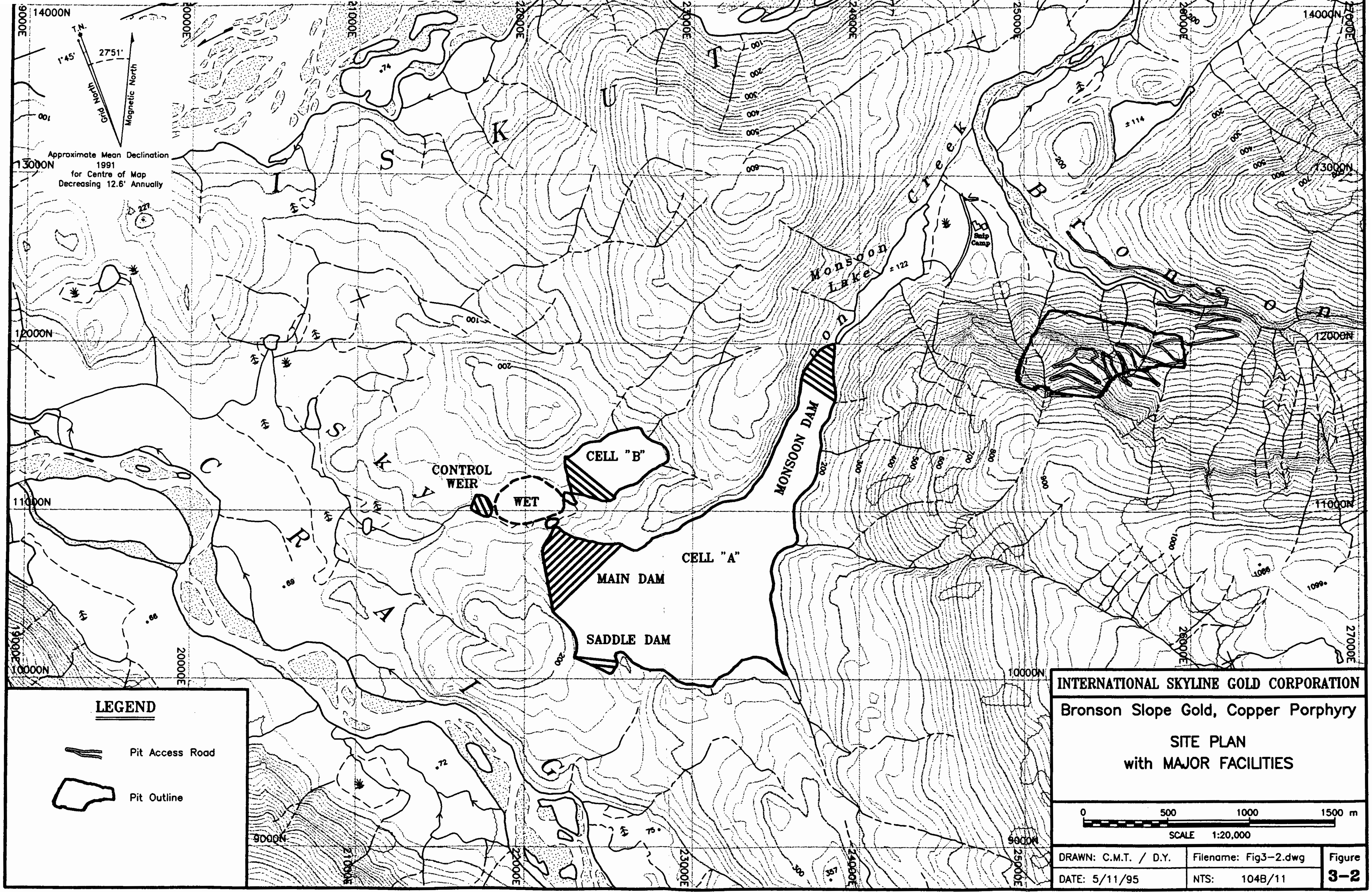
3.2.3 Design Criteria

The open pit has been designed with a 55 degree ultimate slope highwall. The Red Bluff itself which forms a good portion of the deposit and has a natural slope of 53 degrees. This is measured from government topographical maps from creek level to the top of Red Bluff . This slope appears to be quite stable with a negligible talus slope at its base. Using this information as a guideline it is assumed a 55 degree highwall will be obtainable. The ultimate highwall slope will be subject to detailed geotechnical studies. The highwall angle will be obtained by mining to 10 meter benches for a total height of 20 meters. The 20 meter benches will be separated by an 8.65 meter berm. The internal bench angle will be 75 degrees (see Figures 3-8 and 3-9). If geotechnical field work indicates a steeper highwall is obtainable, the design criteria may be changed. This would result in an increase in mineable ore and a decrease in prestrip waste.

Preliminary geotechnical work carried out during the spring of 1995 indicates that the majority of structures appear to be dipping into the hillside, with one occasional set being near horizontal. This orientation will have to be confirmed at a later date with a core orientation drill hole. No information is yet available on the pore pressure of the highwall, however none of the existing diamond drill holes are making water.

The high wall will not contain any portion of the original pit access road. Due to the nature of the pit access road design, berms will likely be inaccessible after a short period of time. This may result in special procedures to work under berms which may become cluttered with material, or a small cat trail may be required to access berms for cleaning.

A working bench height of 10 meters has been selected. Due to the unique mineability of the deposit and projected short hauls, relatively small open pit equipment will be utilized. With the internal ore pass system in the pit the longest haul is projected to be 500 meters resulting in short cycle times.

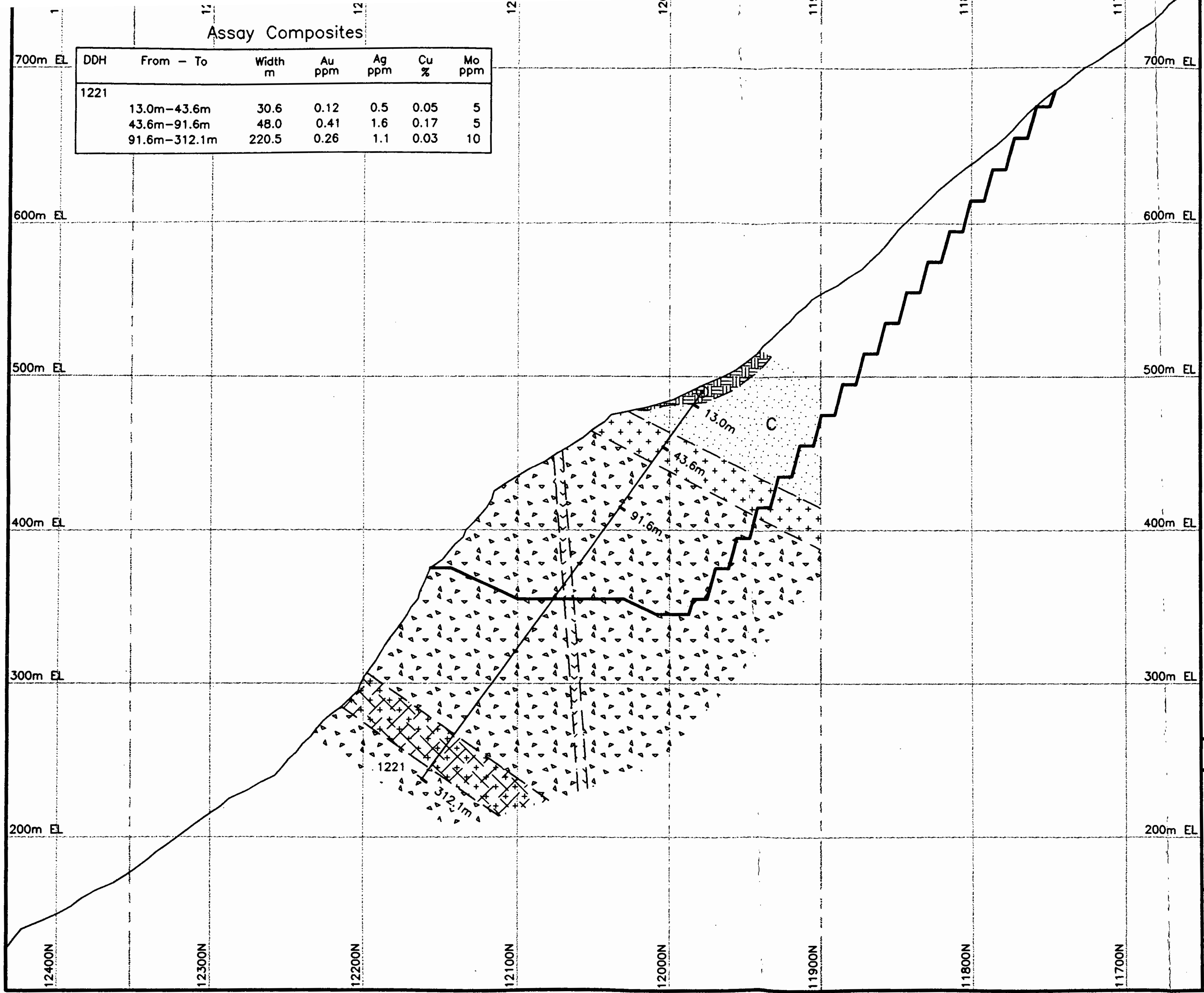


INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

SITE PLAN
with MAJOR FACILITIES

DRAWN: C.M.T. / D.Y.
DATE: 5/11/95
Filename: Fig3-2.dwg
NTS: 104B/11
Figure 3-2



Assay Composites

DDH	From – To	Width m	Au ppm	Ag ppm	Cu %	Mo ppm
1221						
	13.0m–43.6m	30.6	0.12	0.5	0.05	5
	43.6m–91.6m	48.0	0.41	1.6	0.17	5
	91.6m–312.1m	220.5	0.26	1.1	0.03	10

LEGEND

LITHOLOGY

▨	Dyke
▨	Quartz Magnetite Replacement &/or Breccia
▨	Quartz Magnetite Stockwork after Previous Rock Types
▨	Red Bluff Porphyry intrusive
▨	Sedimentary Rocks U – undifferentiated A – Biotite carbonate alteration B – Biotite chlorite hornfels C – Potassium feldspar alteration

SYMBOLS

Drill Hole Trace

Pit Outline

Claim Boundary

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

Cross Section 25125 E

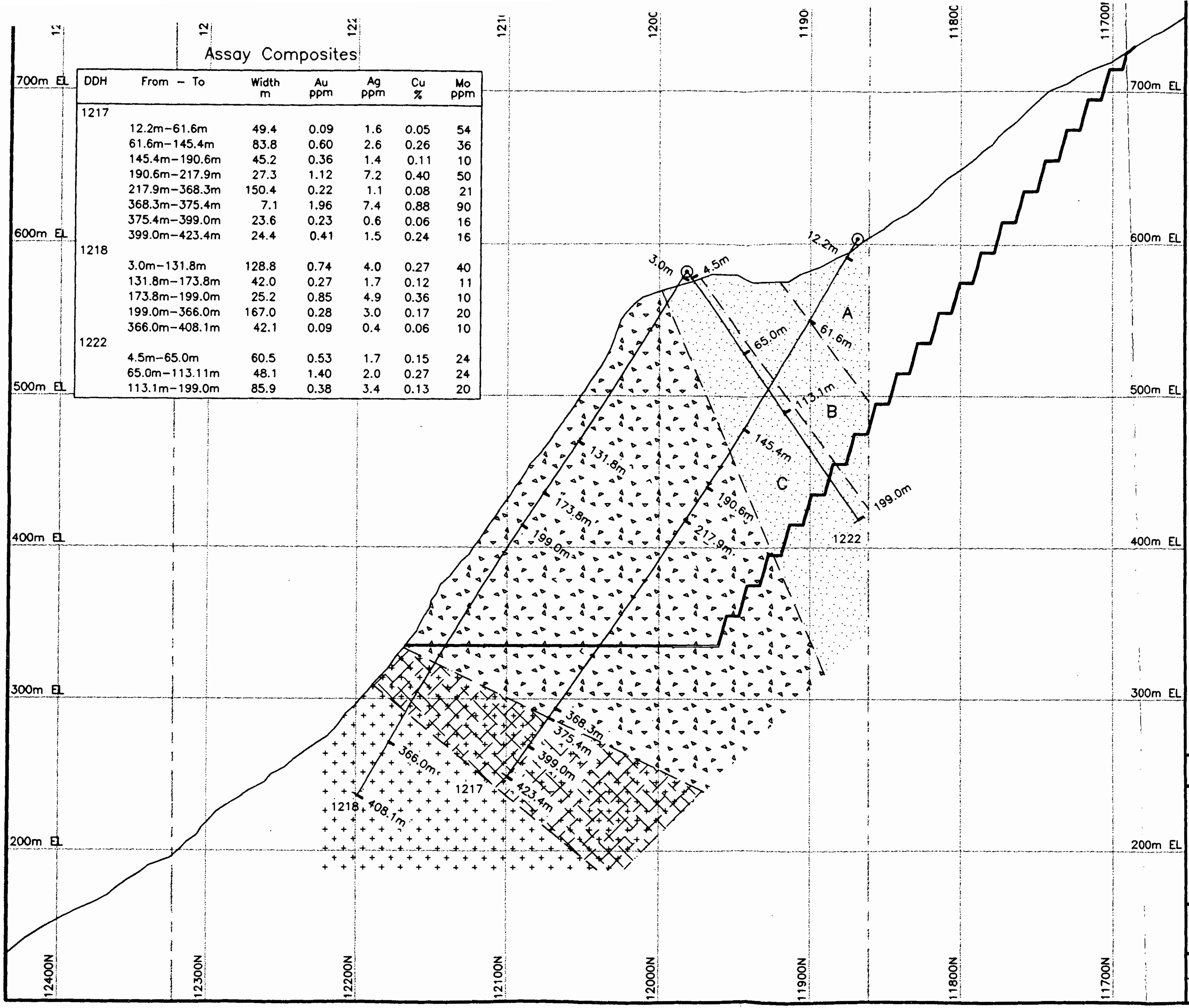
Looking Grid East (115° 12' 22" True)

Geology and Assay Composites

0 50 100 150 m.

SCALE 1:2500

DRAWN: C.M.T. / D.Y.	Filename: Fig3–3.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	3–3



Assay Composites

DDH	From – To	Width m	Au ppm	Ag ppm	Cu %	Mo ppm
1217						
	12.2m–61.6m	49.4	0.09	1.6	0.05	54
	61.6m–145.4m	83.8	0.60	2.6	0.26	36
	145.4m–190.6m	45.2	0.36	1.4	0.11	10
	190.6m–217.9m	27.3	1.12	7.2	0.40	50
	217.9m–368.3m	150.4	0.22	1.1	0.08	21
	368.3m–375.4m	7.1	1.96	7.4	0.88	90
	375.4m–399.0m	23.6	0.23	0.6	0.06	16
	399.0m–423.4m	24.4	0.41	1.5	0.24	16
1218						
	3.0m–131.8m	128.8	0.74	4.0	0.27	40
	131.8m–173.8m	42.0	0.27	1.7	0.12	11
	173.8m–199.0m	25.2	0.85	4.9	0.36	10
	199.0m–366.0m	167.0	0.28	3.0	0.17	20
	366.0m–408.1m	42.1	0.09	0.4	0.06	10
1222						
	4.5m–65.0m	60.5	0.53	1.7	0.15	24
	65.0m–113.11m	48.1	1.40	2.0	0.27	24
	113.1m–199.0m	85.9	0.38	3.4	0.13	20

LEGEND

LITHOLOGY

▨	Dyke
▨	Quartz Magnetite Replacement &/or Breccia
▨	Quartz Magnetite Stockwork after Previous Rock Types
▨	Red Bluff Porphyry intrusive
▨	Sedimentary Rocks U – undifferentiated A – Biotite carbonate alteration B – Biotite chlorite hornfels C – Potassium feldspar alteration

SYMBOLS

Drill Hole Trace

Pit Outline

Claim Boundary

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

Cross Section 25375 E

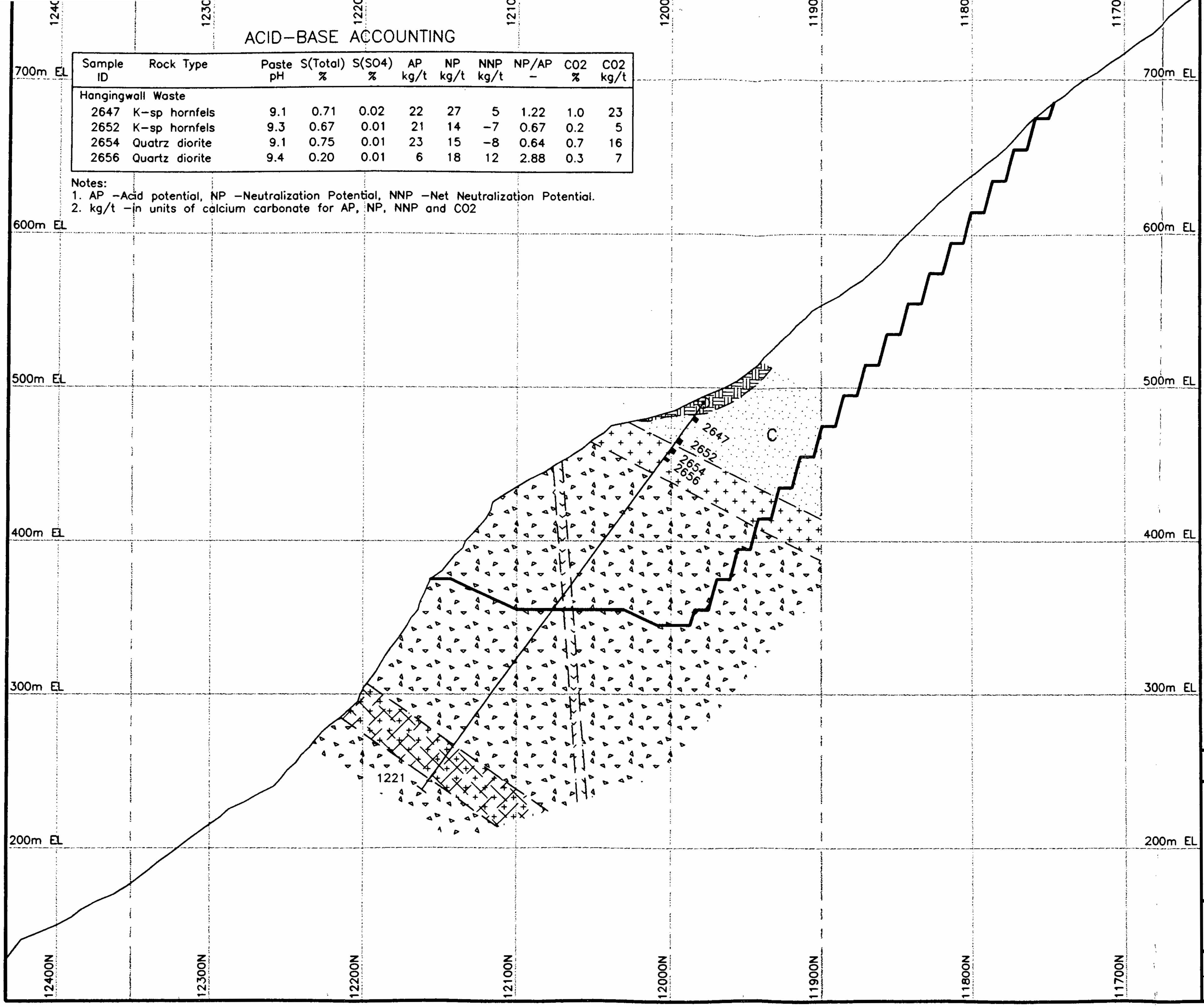
Looking Grid East (115° 12' 22" True)

Geology and Assay Composites

0 50 100 150 m.

SCALE 1:2500

DRAWN: C.M.T. / D.Y.	Filename: Fig3-4.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	3-4



ACID-BASE ACCOUNTING

Sample ID	Rock Type	Paste pH	S(Total) %	S(SO4) %	AP kg/t	NP kg/t	NNP kg/t	NP/AP –	CO2 %	CO2 kg/t
Hangingwall Waste										
2647	K-sp hornfels	9.1	0.71	0.02	22	27	5	1.22	1.0	23
2652	K-sp hornfels	9.3	0.67	0.01	21	14	-7	0.67	0.2	5
2654	Quatrz diorite	9.1	0.75	0.01	23	15	-8	0.64	0.7	16
2656	Quartz diorite	9.4	0.20	0.01	6	18	12	2.88	0.3	7

Notes:
1. AP -Acid potential, NP -Neutralization Potential, NNP -Net Neutralization Potential.
2. kg/t -in units of calcium carbonate for AP, NP, NNP and CO2

LEGEND

LITHOLOGY

▨	Dyke
▨	Quartz Magnetite Replacement &/or Breccia
▨	Quartz Magnetite Stockwork after Previous Rock Types
▨	Red Bluff Porphyry intrusive
▨	Sedimentary Rocks U – undifferentiated A – Biotite carbonate alteration B – Biotite chlorite hornfels C – Potassium feldspar alteration

SYMBOLS

Drill Hole Trace

Pit Outline

Claim Boundary

2263 Aba Sample

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

Cross Section 25125 E

Looking Grid East (115° 12' 22" True)

Geology and Aba Samples

0 50 100 150 m.

SCALE 1:2500

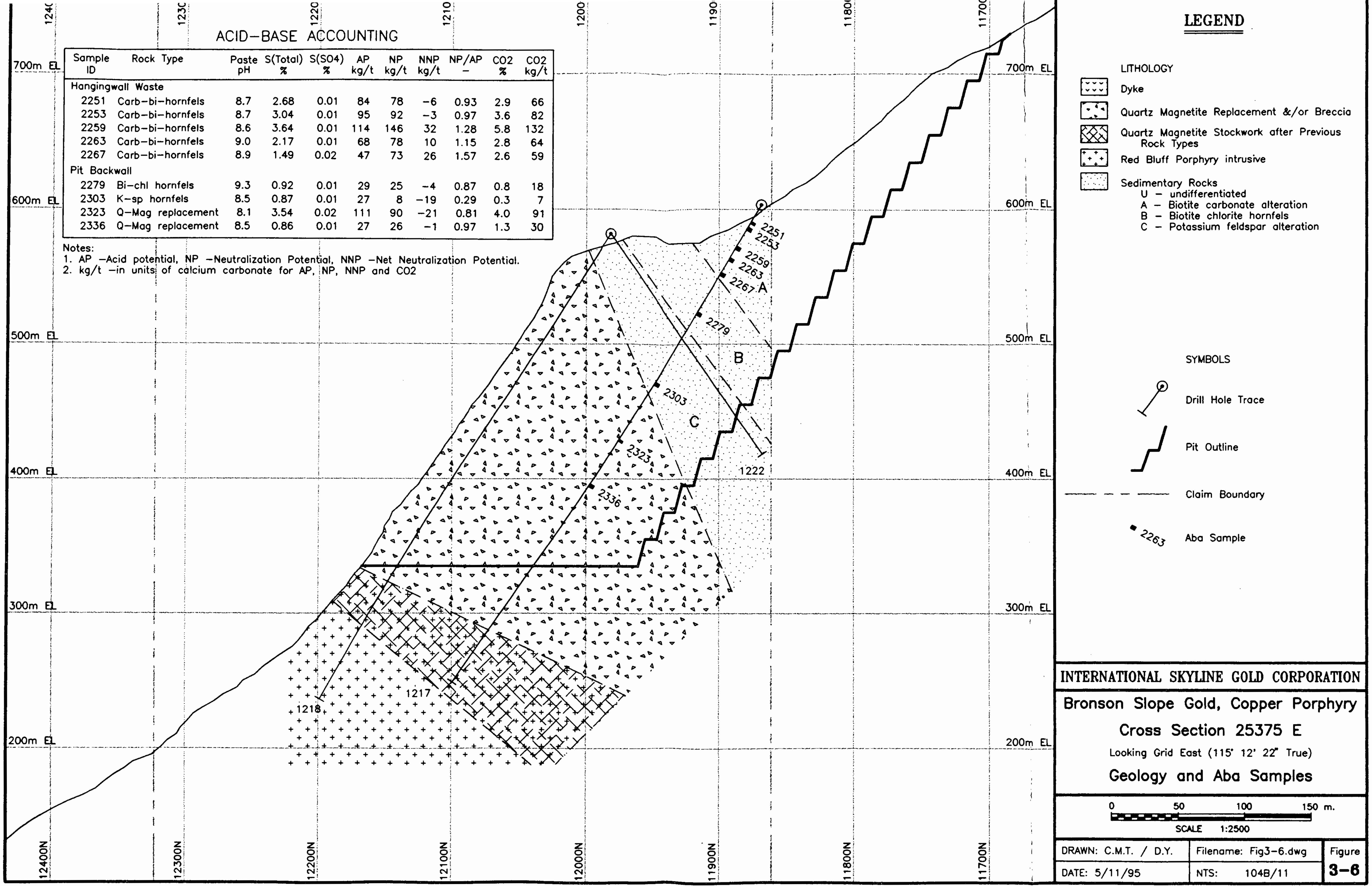
DRAWN: C.M.T. / D.Y.

DATE: 5/11/95

Filename: Fig3-5.dwg

NTS: 104B/11

Figure 3-5



ACID–BASE ACCOUNTING

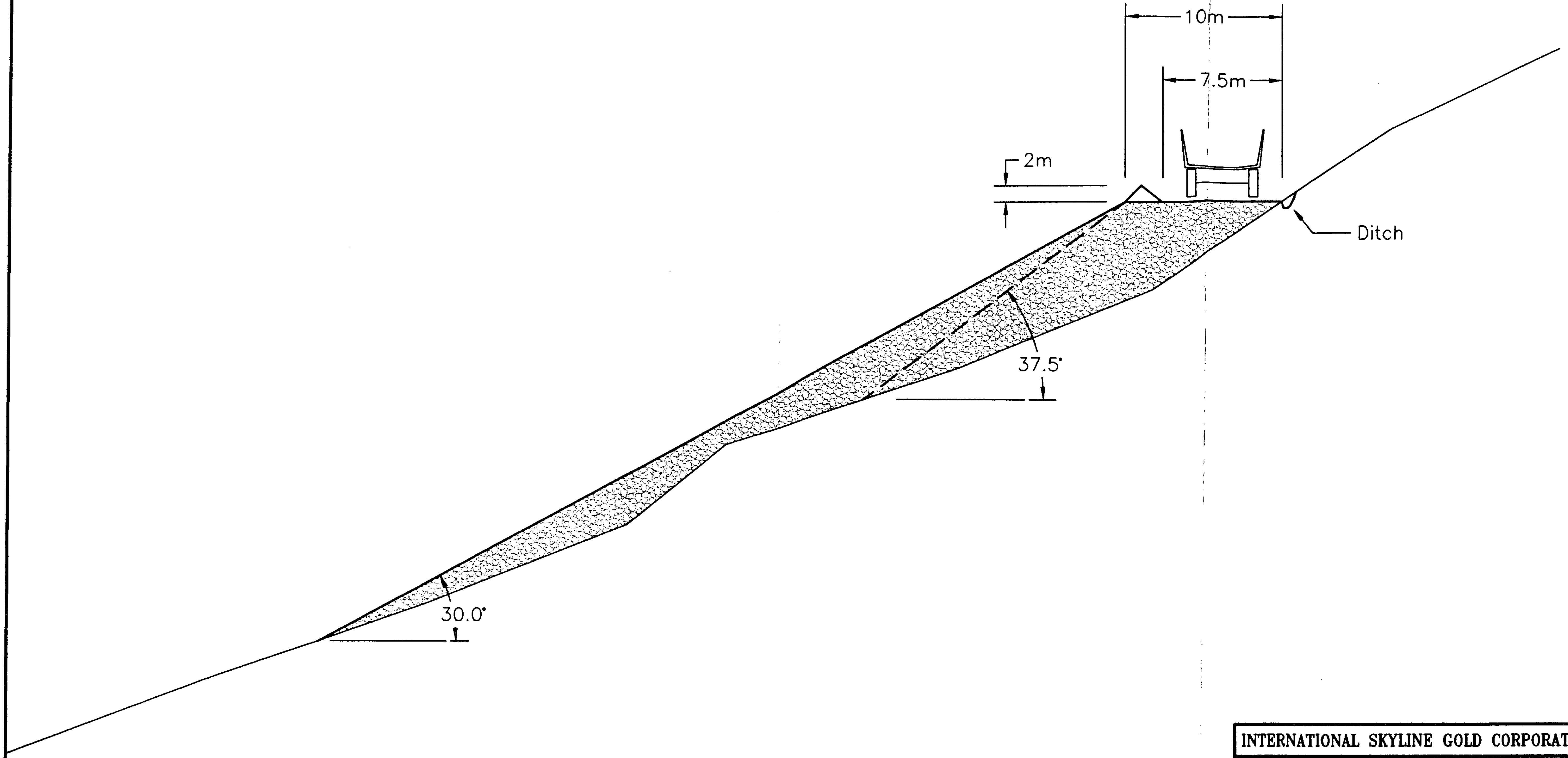
Sample ID	Rock Type	Paste pH	S(Total) %	S(SO4) %	AP kg/t	NP kg/t	NNP kg/t	NP/AP –	CO2 %	CO2 kg/t
Hangingwall Waste										
2251	Carb–bi–hornfels	8.7	2.68	0.01	84	78	–6	0.93	2.9	66
2253	Carb–bi–hornfels	8.7	3.04	0.01	95	92	–3	0.97	3.6	82
2259	Carb–bi–hornfels	8.6	3.64	0.01	114	146	32	1.28	5.8	132
2263	Carb–bi–hornfels	9.0	2.17	0.01	68	78	10	1.15	2.8	64
2267	Carb–bi–hornfels	8.9	1.49	0.02	47	73	26	1.57	2.6	59
Pit Backwall										
2279	Bi–chl hornfels	9.3	0.92	0.01	29	25	–4	0.87	0.8	18
2303	K–sp hornfels	8.5	0.87	0.01	27	8	–19	0.29	0.3	7
2323	Q–Mag replacement	8.1	3.54	0.02	111	90	–21	0.81	4.0	91
2336	Q–Mag replacement	8.5	0.86	0.01	27	26	–1	0.97	1.3	30

Notes:
1. AP –Acid potential, NP –Neutralization Potential, NNP –Net Neutralization Potential.
2. kg/t –in units of calcium carbonate for AP, NP, NNP and CO2

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry
Cross Section 25375 E
Looking Grid East (115° 12' 22" True)
Geology and Aba Samples

DRAWN: C.M.T. / D.Y.
Filename: Fig3-6.dwg
Figure 3-6
DATE: 5/11/95
NTS: 104B/11

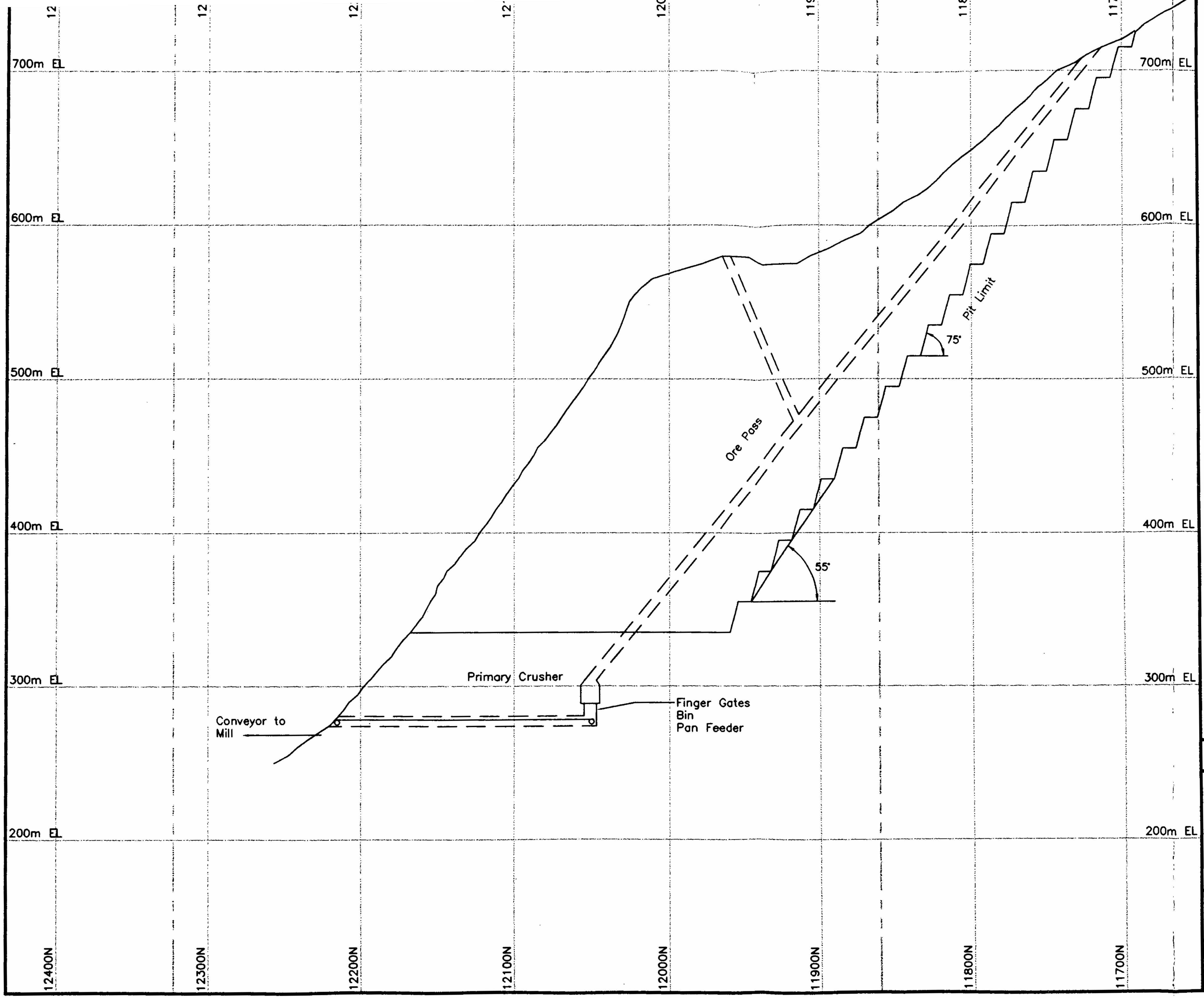


INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry
Cross Section 26000 E
Looking Grid East
Typical Fill Section

0 5 10 15 m
SCALE 1:250

DRAWN: C.M.T. / D.Y.	Filename: Fig3–7.dwg	Figure **3–7**
DATE: 5/11/95	NTS: 104B/11	



LEGEND

— — — Claim Boundary

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry
Cross Section 25375 E
Looking Grid East (115° 12' 22" True)

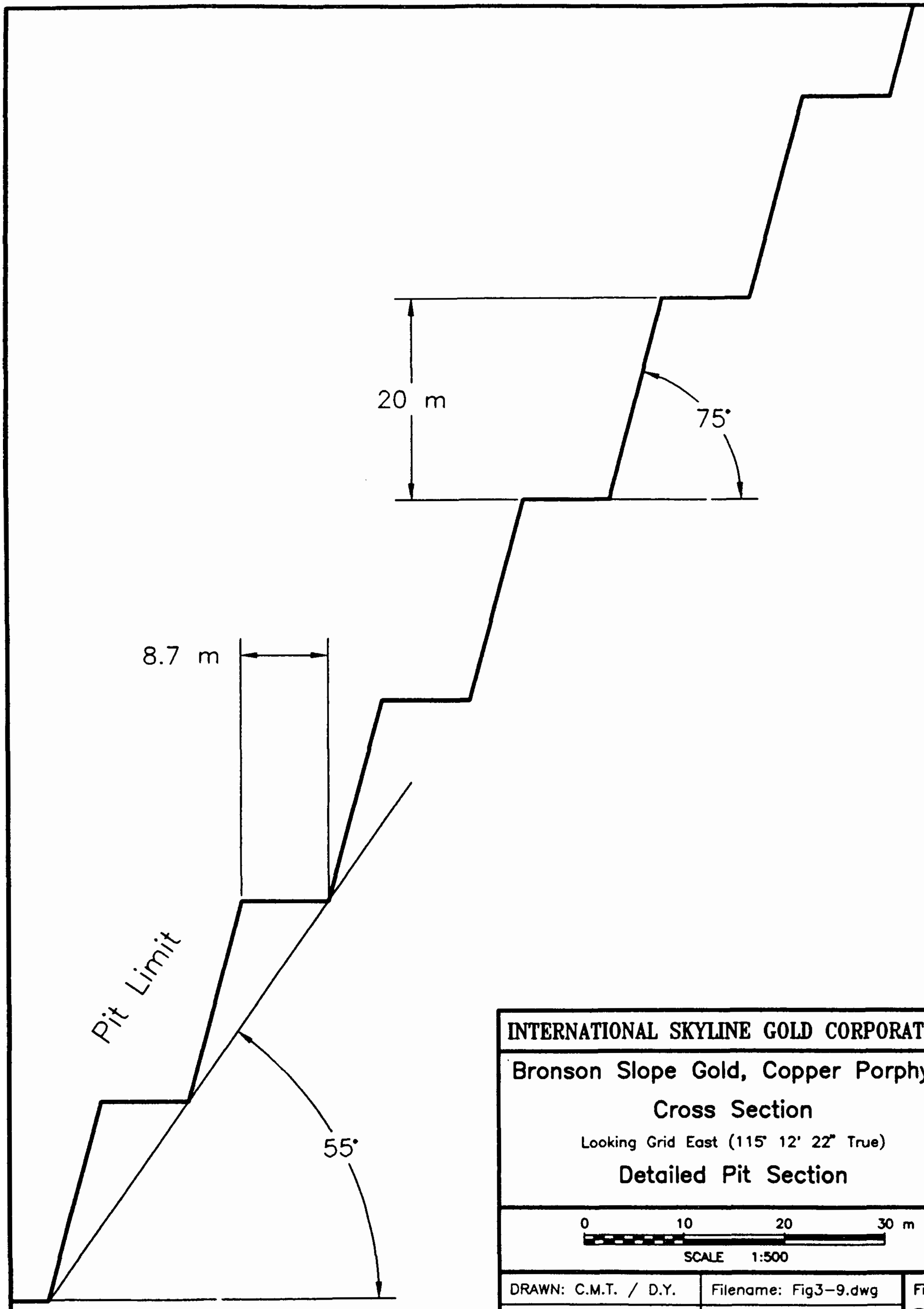
Conceptual Ore Pass & Conveyor
System and Highwall Angles

0 50 100 150 m.
SCALE 1:2500

DRAWN: C.M.T. / D.Y.	Filename: Fig3–8.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	3–8

TABLE 3-1
PROGRESSIVE STRIP RATIOS

Bench Elevation	Ore Tonnes	Waste Tonnes	Strip Ratio	Cumulative Ore	Cumulative Waste	Cumulative Strip Ratio
710	0	136,246	0.00	0	136,246	0.00
700	0	318,531	0.00	0	454,777	0.00
690	0	338,544	0.00	0	793,321	0.00
680	0	489,190	0.00	0	1,282,511	0.00
670	0	528,146	0.00	0	1,810,657	0.00
660	0	643,146	0.00	0	2,453,803	0.00
650	0	635,192	0.00	0	3,088,995	0.00
640	0	739,911	0.00	0	3,828,906	0.00
630	0	720,642	0.00	0	4,549,548	0.00
620	0	825,162	0.00	0	5,374,710	0.00
610	0	806,727	0.00	0	6,181,437	0.00
600	0	921,224	0.00	0	7,102,661	0.00
590	0	951,875	0.00	0	8,054,536	0.00
580	0	951,875	0.00	0	9,006,412	0.00
570	827,216	495,853	0.60	827,216	9,502,265	11.49
560	1,320,796	316,859	0.24	2,148,011	9,819,123	4.57
550	1,479,258	248,137	0.17	3,627,269	10,067,260	2.78
540	1,769,642	137,233	0.08	5,396,911	10,204,494	1.89
530	1,777,169	173,265	0.10	7,174,079	10,377,758	1.45
520	2,135,339	0	0.00	9,309,418	10,377,758	1.11
510	2,025,978	186,837	0.09	11,335,396	10,564,595	0.93
500	2,020,083	418,161	0.21	13,355,479	10,982,756	0.82
490	2,186,716	252,844	0.12	15,542,195	11,235,600	0.72
480	2,192,583	404,047	0.18	17,734,778	11,639,646	0.66
470	2,259,326	328,356	0.15	19,994,104	11,968,002	0.60
460	2,356,270	358,408	0.15	22,350,374	12,326,410	0.55
450	2,687,198	0	0.00	25,037,572	12,326,410	0.49
440	2,784,697	26,648	0.01	27,822,269	12,353,058	0.44
430	2,792,283	0	0.00	30,614,552	12,353,058	0.40
420	2,793,196	150,329	0.05	33,407,748	12,503,387	0.37
410	2,868,108	0	0.00	36,275,856	12,503,387	0.34
400	3,045,759	11,888	0.00	39,321,616	12,515,275	0.32
390	2,315,484	773,394	0.33	41,637,100	13,288,669	0.32
380	2,995,181	423,997	0.14	44,632,281	13,712,666	0.31
370	2,706,261	748,682	0.28	47,338,542	14,461,348	0.31
360	2,613,216	1,080,397	0.41	49,951,758	15,541,745	0.31
350	3,249,972	465,364	0.14	53,201,730	16,007,109	0.30
340	3,527,066	340,331	0.10	56,728,796	16,347,440	0.29



INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

Cross Section

Looking Grid East (115° 12' 22" True)

Detailed Pit Section

0 10 20 30 m

SCALE 1:500

DRAWN: C.M.T. / D.Y.	Filename: Fig3–9.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	**3–9**

3.2.4 Ore and Waste Movement

Ore and waste will be removed from the open pit via a twin internal ore pass system to the valley bottom. An underground crusher will be located at the bottom of the ore pass system. Ore will be transferred from the crusher to a gravity conveyor for transport to the ore stockpile or the waste storage facility. The ore stockpile will be a live pile. The pile will be used when the fine ore bin is full, and is not planned as a long term storage facility. It is possible that a low grade stockpile will be located on the site. The exact location and size is yet to be determined. The low grade stockpile will be a function of economics.

Waste material will likely be divided into two categories, potential acid generating and acid consuming. All waste material considered to be acid generating will be disposed of in the tailings facility. Waste material considered acid consuming will be used for construction material, and road surfacing during the life of the mine, including the tailings pond dikes. A detailed description of the tailings disposal plan is outlined in Appendix 3-1.

All material within the pit will be moved by conventional truck and shovel operations to the internal ore pass system. Rubber tire loaders may be used in lieu of a shovel and trucks during the early years of operation. This may be possible due to the extremely short hauls that will be realized during the first 3 years of operation. All mobile open pit equipment will be diesel powered.

3.2.5 Ore Pass and Conveyor System

The internal ore pass system will consist of a twin ore pass system within the centroid of the pit. The ore pass system will converge at the bottom of the pit to a central underground crushing facility (Figure 3-6). The ore/waste will be crushed and transferred to either the mill facility for processing or to a waste storage facility.

The pass within the pit area will be kept approximately 2 meters above bench elevation to prevent excessive water flow down the pass, and as a safety barrier to personnel and equipment. A grizzly will be placed on top of the ore pass system to prevent oversize material from entering the pass and causing hang-ups. A mobile rock breaker will be located in the pit area to deal with oversize. The twin system will be required to allow continued access to a pass at all times during operations either for bench development, or during times of material hang-ups.

An inclined horizontal tunnel will be developed to the mill facility. This will allow a positive generation conveyor to be used. The conveyor system will be designed to allow for ore to be delivered to the mill facility, or for waste material to be delivered to the waste storage facility.

3.2.6 Drilling and Blasting

Drilling will be carried out utilizing large diameter rotary drills (127 mm - 254 mm). A smaller sized rotary percussion drill may be required for controlled blasting along the highwall and for opening the ore pass from bench to bench.

Blasting will be carried out utilizing ammonia nitrate based explosives and blasting agents. Specialized explosives may be required for highwall blasting control and for opening of the ore pass from bench to bench. It is anticipated a bulk explosives facility will be located on site, which will supply the mine with both ANFO and slurry type explosives for use in the pit. The bulk explosives facility will meet Federal and Provincial Explosive Guidelines.

Blasting will be carried out using a non-electric system utilizing both surface and down hole delays. Some consideration may have to be given to blast size due the close proximity of the camp facilities to the open pit. Blasting procedures will meet B.C. Mine Health and Safety Regulations.

3.2.7 Waste Rock Disposal

Waste rock disposal will be in the acid consuming rougher (flotation) tailings cell of the tailings impoundment. Rock, once shown to be non-acid generating, may be used for construction purposes. Waste rock disposal is discussed in more detail in Section 3.4.2.

3.2.8 Mining Alternatives

Given the configuration of the deposit and economics of mining, there are no viable alternatives to the proposed mining method. The deposit is near surface on a relatively steep slope and is not amenable to underground mining which produces less surface disturbance than open pit. The total disturbance from the pit for the projected mine life of 15 years will be 51.9 ha, or 23% of the total projected disturbance.

3.3 Mill

3.3.1 Conceptual Design

In order to accommodate the large tonnage requirements of the Bronson Slope Porphyry deposit a new high tonnage mill facility will have to be constructed. The new facility is designed to process 12,000 mtpd of ore grade material. An exact location for this facility has not yet been isolated, however it is anticipated that it will be located in the vicinity of the existing Snip site, on the Bronson Creek alluvial fan.

The location of the mill facility will be subject to geotechnical constraints, ore stockpile locations, location of the ore transport conveyor with respect to the deposit, and tailings location. Concentrate storage will be required on site. The amount of concentrate stored on site would be a minimal amount to keep slightly ahead of the transportation to Stewart.

A detailed report and mill facility plans are available in Appendix 3-2.

Conceptual design as of spring 1995 was for installation of a semi-autogenous grind (SAG) - ball mill grinding circuit with a capacity of 12 000 tonnes per day of ore. Milling will be followed by conventional gravity concentration and flotation circuits to produce a copper concentrate with recoverable molybdenum. The copper concentrate will be further treated to recover a separate molybdenum concentrate. The final copper concentrate will be dewatered using conventional thickening and filtration; all process water will be recycled.

Gravity concentration following milling will be used to recover a portion of the free gold. Flotation, using a bulk rougher and scavenger stages followed by a regrind and three stages of cleaning, will follow to recover much of the remaining gold, silver, copper and molybdenum.

In the future, magnetite may be recovered from the rougher flotation tailings using a wet drum magnetic separator. Cyanide leaching of ore is not contemplated at this time.

Process flow sheets are shown in Appendix 3-2.

3.3.2 Metallurgy

Information in this section was obtained from Process Research Assoc. Ltd. (1995) and is based on four samples of soft, hard, composite (normal grade), and composite low grade ore.

The main copper mineral in the Bronson Slope ore is chalcopyrite, with minor covellite, tetrahedrite and native copper. Molybdenum occurs as molybdenite. Pyrite is the most abundant sulphide gangue mineral, together with minor sphalerite and galena. Gold and silver occur mostly associated with copper sulphide minerals with a minor amount of free gold.

Processing will be carried out by floating the sulphides using reagents that are selective toward the copper minerals. A copper concentrate is produced by re-grinding the rougher product, adding reagents to depress pyrite and selectively floating the copper. Molybdenum is separated from the concentrate by depressing the chalcopyrite and floating the molybdenite. Precious metals (gold and silver) are recovered with the copper product; free gold is recovered by initial gravity concentration.

Microscopic examination of pilot-scale rougher tailings revealed only trace amounts of pyrite and chalcopyrite, thus indicating almost complete sulphide flotation was achieved.

Copper cleaning flotation will follow and is directed at producing a high grade copper concentrate by rejecting pyrite while maintaining high copper, gold, silver and molybdenum recoveries. After initial bulk sulphide float, the concentrate will be reground and sodium cyanide, lime and flotation collector A208 added to selectively depress the pyrite and improve recovery.

Microscopic examination of pilot-scale cleaner tailings and concentrate showed almost complete liberation of chalcopyrite from pyrite.

Molybdenite is naturally hydrophobic, floats with the copper and reports to the copper concentrate. To separate molybdenum from copper, copper minerals will be depressed by maintaining a reducing environment with the addition of sulphur dioxide gas or sodium hydrosulphide and floating under anoxic conditions maintained with nitrogen gas. Molybdenum flotation will be enhanced by the addition of oil as a collector.

3.3.3 Process Chemical Use

Mill reagents will include the following: lime, PAX (copper collector), A208 (flotation promoter), methyl isobutyl carbanol (MIBC) (frother), fuel oil (molybdenum collector), sodium bi-sulphide (copper depressant), nitrogen gas (molybdenum flotation), sodium cyanide (pyrite depressant). Table 3-2 lists reagents and quantities required.

TABLE 3-2
MILL REAGENT USE

Reagent	Use/Tonne of Ore (g)	Daily Consumption (kg)
Lime	127	1524
PAX	10	120
A208	9	108
MIBC	53	636
S5100	2	24
Sulphuric Acid	196	2352
Sodium cyanide	10	120

3.4 Waste Management Plan

3.4.1 Tailings Disposal

The tailings from the Bronson Slope deposit will be disposed of in a conventional tailings dam type facility located on the Jim and Sky 3 claim area. A detailed description of the tailings facility location, volumes, and possible creek diversions are described in a report prepared by Robert C. Dick, P. Eng. in Appendix 3-1.

The tailings are expected, on average, to be acid generating. Segregation of tailings into acid consuming rougher tails and acid generating scavenger tailings is planned. On closure the rougher tailings impoundment will be covered capped with neutral or alkaline tailings, if necessary and the surface stabilized to prevent erosion. Scavenger tailings will be permanently flooded. Reclamation is discussed further in Section 5.9

3.4.1.1 Acid-Base Accounting and Metals Leaching

The following information was obtained from Process Research Associates Ltd. (1995) tests.

Samples of normal grade composite and flotation tailings were subjected to acid-base accounting (ABA) and inductively coupled argon plasma (ICP) analyses. Tailings samples were produced from lock-cycle pilot scale tests by Process Research Associates Ltd. A multi-element ICP metals analysis was also performed on samples of rougher and cleaner scavenger flotation tailings water. Results are summarized in Tables 3-3 and 3-4.

The metals concentrations in the feed and tailings were quite low. The sulphur content of the feed (2%) produced a negative net neutralization potential of -19.8 kg $CaCO_3$/t (NP:AP=0.68). Removal of sulphide minerals during flotation causes the rougher tails to have a negligible sulphur (0.03%) and a positive net neutralizing potential of 36.7 kg $CaCO_3$/t. The cleaner tailings contained 67% pyrite or 24.6% sulphur resulting in a net neutralizing potential of -729 kg $CaCO_3$/t. Rougher tailings will account for 94.5% of the flotation waste and the cleaner scavenger tailings for 5.5%. The presence of 6% carbonate minerals in the rougher tailings provided some neutralization potential to the combined rougher and cleaner flotation tailings. Blended, the two tailings products produced a calculated net neutralization potential of -5.4 kg $CaCO_3$/t.

TABLE 3-3
SUMMARY OF ENVIRONMENTAL TEST RESULTS FOR COMPOSITE 1, ROUGHER TAILINGS AND CLEANER TAILINGS[1]

Parameter (ppm)	Composite 1	Rougher Tailings	Cleaner Tailings
Mo	50	37	94
Cu	2169	309	1970
Pb	23	6	225
Zn	314	77	146
Ni	31	206	662
Co	10	8	112
Mn	658	618	782
Fe(%)	6.35	4.24	16.00
As	24	<5	77
Cd	2	1.0	5.0
Sb	9	<5	<5
V	46	49	49
Cr	185	374	1019
Acid-Base Accounting			
S_{tot} (%)	2.00	0.03	24.6
Paste pH	9.1	8.6	6.6
NP[2] (kg $CaCO_3$/t)	42.7	37.6	39.7
MPA[3] (kg $CaCO_3$/t)	62.5	0.94	769
NPR[4]	0.68	40.0	0.05
Net NP[5] (kg $CaCO_3$/t)	-19.8	36.7	-729

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[1] Source: Process Research Associates, 1995

[2] Neutralization Potential

[3] Maximum Potential Acidity

[4] Ratio of Neutralization Potential to Maximum Potential Acidity

[5] Net Neutralization Potential

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TABLE 3-4
SUMMARY OF ENVIRONMENTAL TEST RESULTS FOR ROUGHER TAILINGS WATER AND CLEANER SCVENGER TAILINGS WATER

Parameter (mg/L)	Rougher Tailings	Cleaner Tailings
CN_{tot}	—	<0.005
Mo	0.06	0.02
Cu	0.05	0.06
Pb	0.13	<0.05
Zn	0.42	2.23
Ag	<0.005	<0.005
Ni	0.18	<0.02
Co	0.01	<0.01
Mn	7.157	0.294
Fe	0.09	0.22
As	<0.05	<0.05
Cd	<0.005	0.011
Ca	189.95	25.79
Mg	13.10	1.08

Note: Total metals analyzed.

Tailings water had relatively low metals concentrations with zinc in the cleaner tailings water at a concentration of 2.23 mg/L. The pH of the rougher tailings water was greater than 8.0 and of the cleaner tailings water, greater than 9.0. Metals levels, are however, higher in concentration than would allow for discharge to the environment undiluted.

3.4.1.2 Site Topography

Site topography is shown in Figure 3-10.

The confluence area of Sky Creek with its two tributaries is a relatively wide valley, with steep bedrock sides, and contains an extensive wetland.

At the downstream end of this area is a narrow gap between bedrock slopes, through which Sky Creek drops into a second wetland around the confluence with a stream on the right bank, which drains a small lake.

This lake is surrounded on three sides by steep bedrock slopes, and its water level is controlled by a bedrock ledge across its discharge.

Below this confluence, Sky Creek continues through this second wetland, then drops rapidly through a canyon, in a series of rapids and falls. This canyon is reported to be the upstream limit of salmon in Sky Creek.

3.4.1.3 Proposed Dam Arrangement

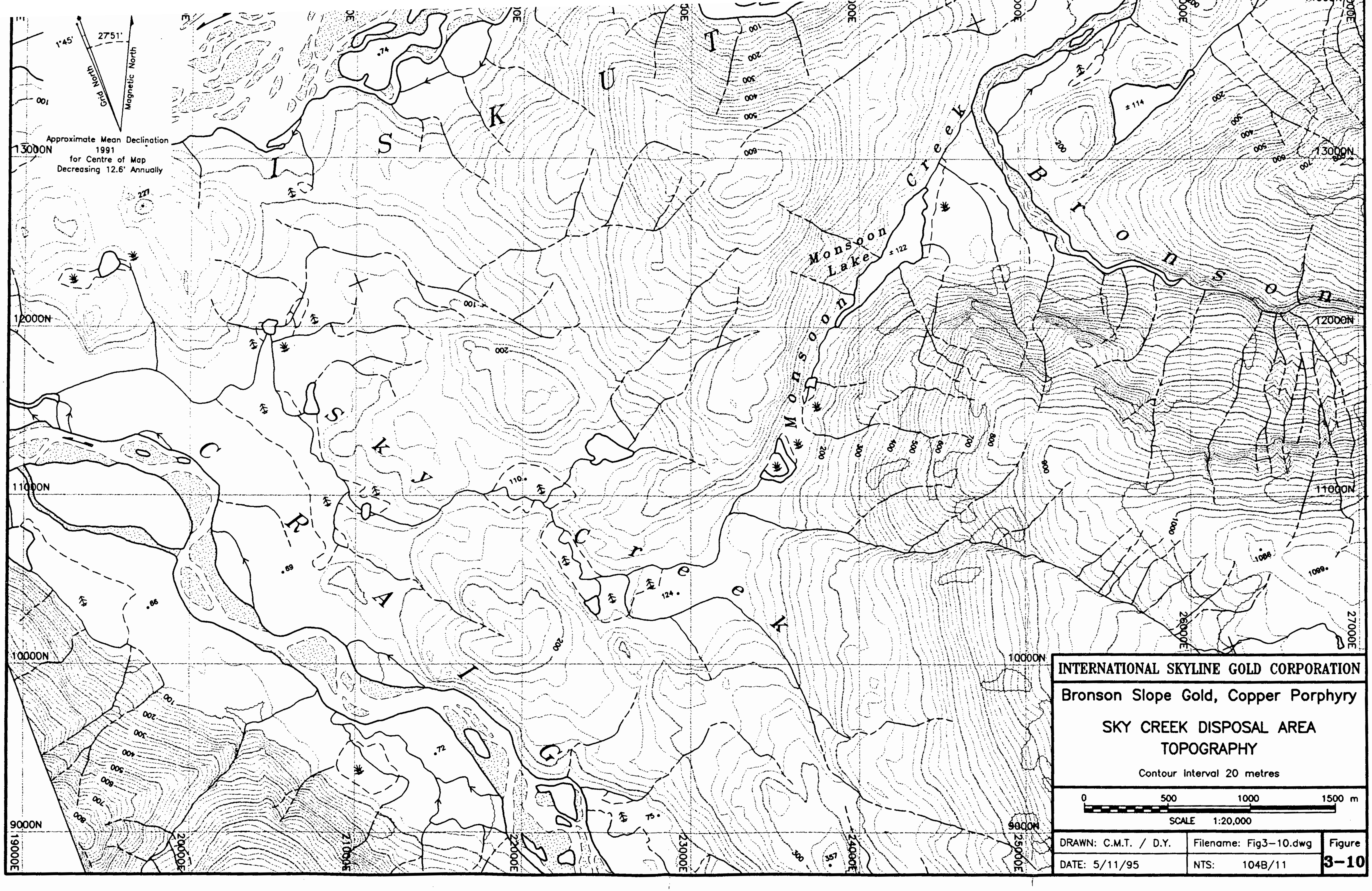
The proposed dam arrangement is shown in Figure 3-11.

In order to provide natural runoff from the Cominco tailings area into the Sky Creek system, Cell "A" has been extended through the Monsoon Creek valley to the head of Monsoon Lake. A dam will be constructed to elev. 180 metres over the existing Cominco dam (crest about elev. 155 metres).

At the downstream end of Cell "A", a main dam, also to elev. 180 metres, will be built. The downstream toe will be located at the narrowest point of the gap between the two wetland areas.

A small dam some 25 metres high will be built across a saddle on the left bank of Cell "A", some 200 metres upstream of the main dam.

These three Cell "A" dams will be built mainly of tailings, using a centreline method of construction similar to that used in other large tailings dams in B.C.



INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

SKY CREEK DISPOSAL AREA
TOPOGRAPHY

Contour Interval 20 metres

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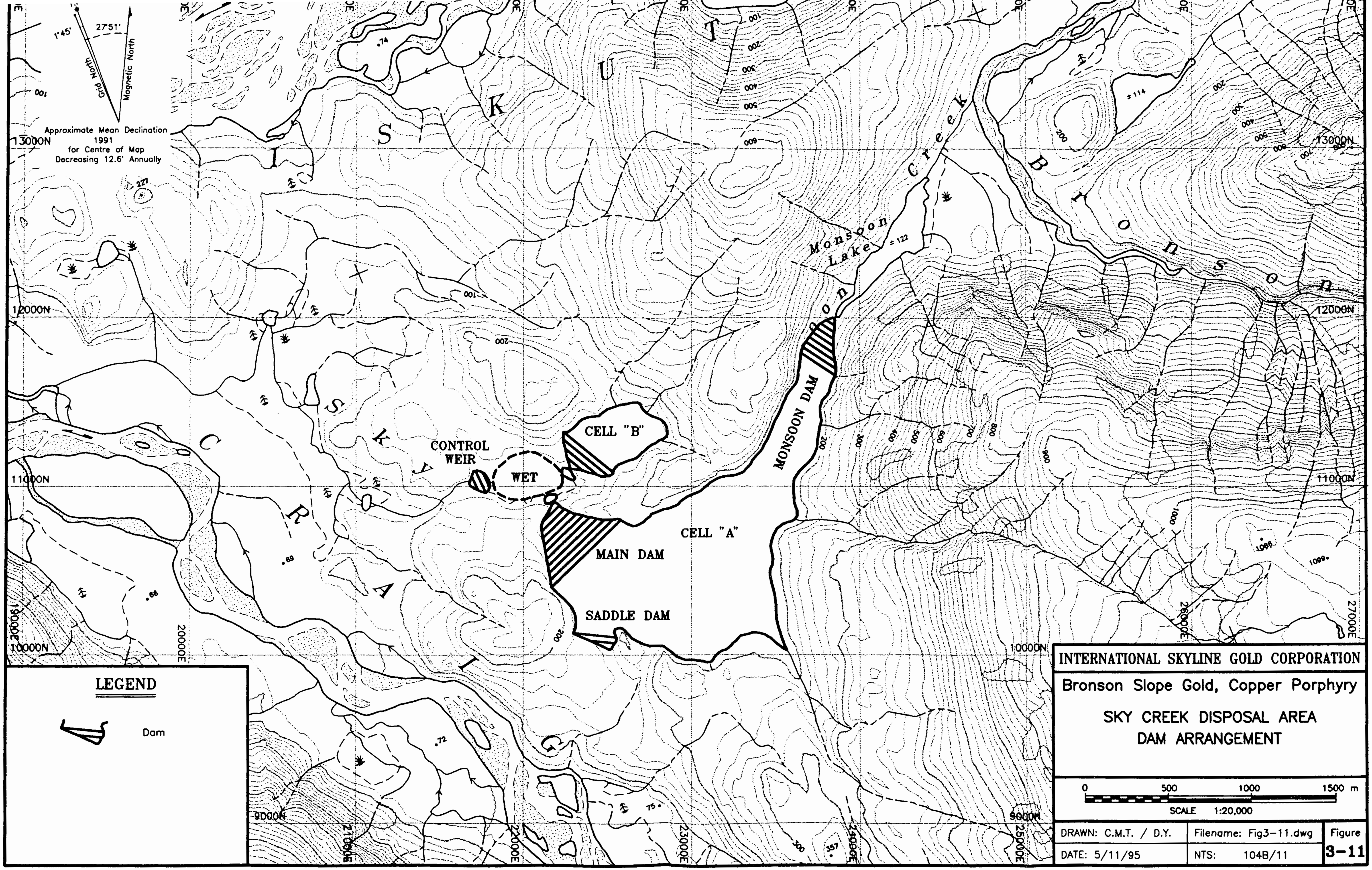
DATE: 5/11/95	NTS: 104B/11	**3-10**



INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

SKY CREEK DISPOSAL AREA
DAM ARRANGEMENT

DRAWN: C.M.T. / D.Y.	Filename: Fig3-11.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	**3-11**

The downstream slopes will have an overall slope of 5H:1V. To provide control of surface erosion, access for maintenance, and staged reclamation throughout the life of the mine, wide benches will be provided every 10 metres of height. Bench slopes will be 3H:1V, and each bench will be 20 metres wide.

The Cell "B" dam must be an engineered, zoned embankment for secure containment of the acid producing tailings and covering water. The downstream slope would be 3H:1V, with bench slopes 2H:1V and 10 metre wide benches every 10 metres of height. The upstream slope would be 2H:1V without berms.

All Cell "A" and "B" dams could be built in staged fashion.

Small containment ponds at the toes of Cell "A" main dam and Cell "B" dam would provide opportunity for sampling and, if necessary, treatment of runoff and seepage.

The remaining wetland downstream of these ponds would provide natural biological treatment of the water. This area would be left undisturbed throughout construction and operation.

At the head of the canyon, a small weir would be built to control water level in the wetland and provide a second opportunity for sampling and treatment.

3.4.1.4 Diversions and Spillways

Diversions and spillways are shown in Figure 3-12.

Diversions

It will be necessary to divert Sky Creek and its two tributaries above elev. 180 metres to prevent water management problems in Cell "A".

It may be found necessary, after commencement of dam construction, to re-introduce the flow to the natural course of Sky Creek downstream of the canyon for fisheries habitat preservation.

The diversion channel would follow a contour above the left bank of Cell "A" to a small saddle at about elev. 155. The channel would then turn away from Cell "A" and pass through this saddle. A side-channel spillway would be built at this point, to allow the desired flow to continue, while discharging excess water down a small streambed directly into the Craig River.

In the relatively flat gap below the saddle dam, at approximately 155 m elevation, a small wetland could be created to partly replace that covered by Cell "A".

If necessary, the diversion channel could then be carried around the small hill near elev. 150 metres. Where it crosses a small stream on the north side of this hill, another side-channel spillway could ensure the required flow in this tributary, in which fish have been observed by others.

Finally, the diversion channel would lead down into a depression on the left bank of Sky Creek just below the canyon. Another wetland and, possibly, a spawning channel could be created at this point of final discharge into the original Sky Creek channel.

Spillways

If conditions permit, the service and emergency spillways from Cells "A" and "B" would be located on the ridge separating the cells. This would permit operation of both spillways from one easily-accessed location.

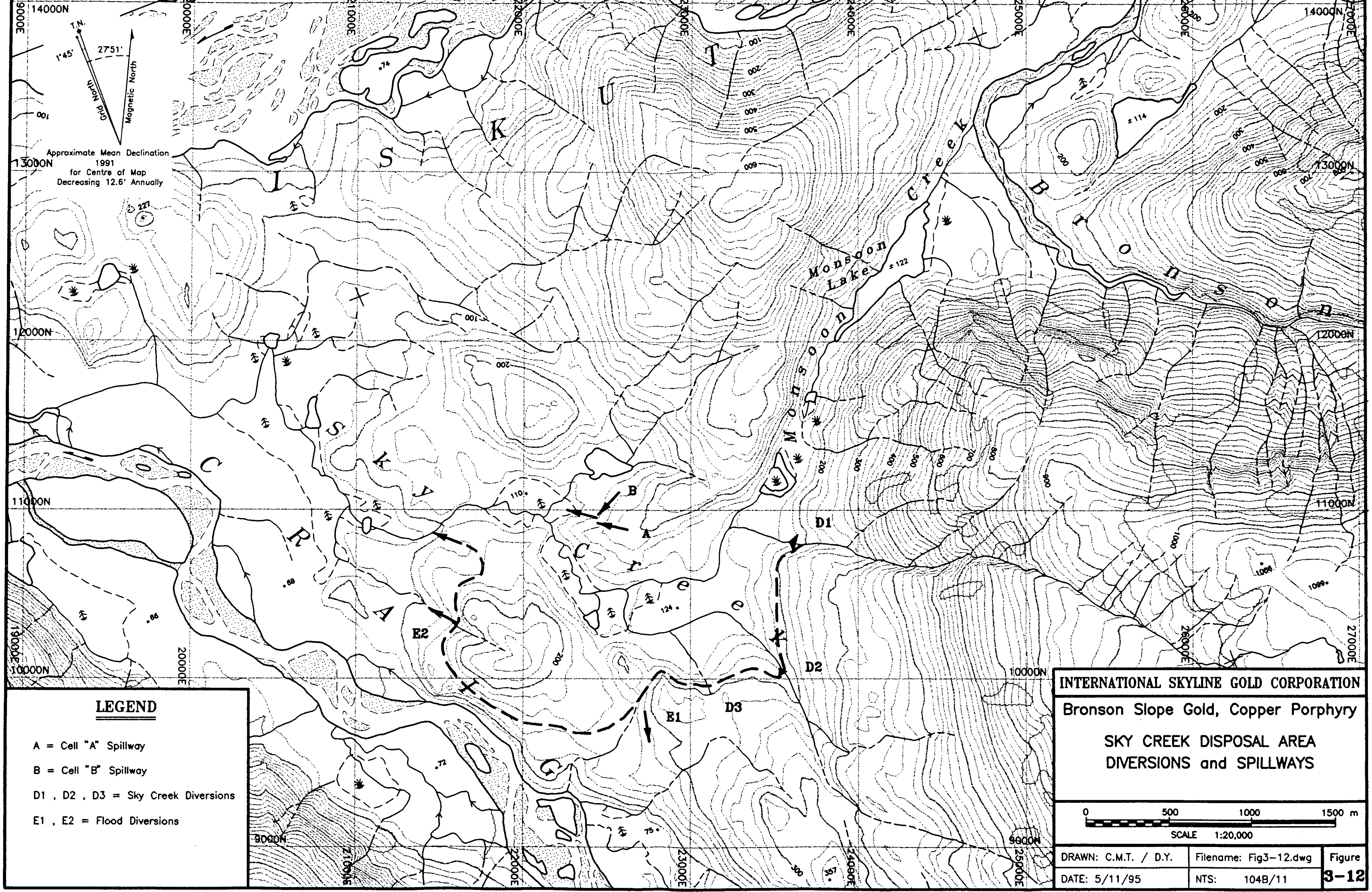
A common chute would carry spilled water down the bedrock hillside and into the wetland. A containment pond for sampling/treatment will be considered at this location, but may not be practical.

The spillway discharge would then flow through the wetland and the sampling/treatment pond at the control weir.

3.4.2 Waste Rock Disposal

Development of the waste rock management plan will to a large extent depend on the acid generation potential of the waste rock. Preliminary acid-base accounting (ABA) and metals analyses have been completed to assess acid generation and metal leaching potential in both waste rock and mine walls. The ABA results are summarized in Table 3-5. Figures depicting the locations of the samples and the results are attached in Appendix 3-3.

Assessment of the mineralogy of the deposit by Skyline indicates that the type and occurrence of minerals of relevance to acid generation is fairly simple. The main sulphide mineral is pyrite (FeS_2). No zones of massive or banded mineralization have been encountered to date. The other main sulphide mineral is chalcopyrite ($CuFeS_2$). No sulphate minerals (such as gypsum) have been reported. This was confirmed by sulphate-sulphur concentrations which are very low.



LEGEND

A = Cell "A" Spillway

B = Cell "B" Spillway

D1 , D2 , D3 = Sky Creek Diversions

E1 , E2 = Flood Diversions

INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

SKY CREEK DISPOSAL AREA
DIVERSIONS and SPILLWAYS

0 500 1000 1500 m
SCALE 1:20,000

DRAWN: C.M.T. / D.Y.	Filename: Fig3-12.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	3-12

TABLE 3-5

INTERNATIONAL SKYLINE RESOURCES - BRONSON SLOPE PROJECT

ACID-BASE ACCOUNTING

Sample ID	Rock Type	Paste pH	S(Total)	S(SO4)	AP	NP	NNP	NP/AP	CO2	CO2
		-	%	%	kg/t	kg/t	kg/t	-	%	kg/t
Hangingwall Waste										
2251	Carb-bi alteration	8.7	2.68	0.01	84	78	-6	0.93	2.9	66
2253	Carb-bi alteration	8.7	3.04	0.01	95	92	-3	0.97	3.6	82
2259	Carb-bi alteration	8.6	3.64	0.01	114	146	32	1.28	5.8	132
2263	Carb-bi alteration	9.0	2.17	0.01	68	78	10	1.15	2.8	64
2267	Carb-bi alteration	8.9	1.49	0.02	47	73	26	1.57	2.6	59
Pit Backwall										
2279	Bi-chl hornfels	9.3	0.92	0.01	29	25	-4	0.87	0.8	18
2303	K-sp alteration	8.5	0.87	0.01	27	8	-19	0.29	0.3	7
2323	Q-Mag replacement	8.1	3.54	0.02	111	90	-21	0.81	4.0	91
2336	Q-Mag replacement	8.5	0.86	0.01	27	26	-1	0.97	1.3	30
Pit Sidewall and Waste										
2647	K-sp alteration	9.1	0.71	0.02	22	27	5	1.22	1.0	23
2652	K-sp alteration	9.3	0.67	0.01	21	14	-7	0.67	0.2	5
2654	Quartz diorite	9.1	0.75	0.01	23	15	-8	0.64	0.7	16
2656	Quartz diorite	9.4	0.20	0.01	6	18	12	2.88	0.3	7

Notes:

1. AP - Acid potential, NP - Neutralization Potential, NNP - Net Neutralization Potential.
2. kg/t - in units of calcium carbonate for AP, NP, NNP and CO2.

Comparison of neutralization potential determinations with total inorganic carbon (TIC) indicates that carbonates are the only significant potential acid neutralizers. ISGC has determined that the minerals calcite ($CaCO_3$) and dolomite ($CaMg(CO_3)$) are present. This further confirmed by the very strong correlation between neutralization potential and calcium concentrations determined by ICP. The carbonate minerals occur as a biotite carbonate alteration (occasionally schistose) with subordinate chlorite and sericite.

Five samples of hangingwall wall waste (ie waste rock removed to expose the ore zone for mining), described geologically as carbonate-biotite alteration contained between 1.5 and 3.6% total sulphur and neutralization potential between 78 and 146 kg $CaCO_3$/t. Results for the samples are classified as being of uncertain acid generation potential (neutralization potential/acid potential, NP/AP between 0.9 and 1.6).

The pit backwall will be composed of both waste rock and ore-grade material for which removal is uneconomical. For the four samples tested, this rock had lower sulphur concentrations than the hangingwall waste but also lower neutralization potential. The NP/APs for these samples were marginally less than 1.0, implying uncertain potential for acid generation.

The pit sidewalls, and waste removed to slope back the walls had the lowest total sulphur concentrations of any of the samples tested. Relatively, NPs were relatively higher resulting in NP/APs varying from 0.6 to 2.9. Some of this rock may be acid consuming; however, most samples indicated uncertain acid generation potential.

In summary, all rock types are considered to have uncertain acid generation potential. Further evaluation is required. Additional testing will be required to determine the estimated volumes of material that may be stored in a conventional method, and volumes that will require possible subaqueous deposition. The conceptual plan will have non acid generating material stored in a conventional manner. Material required for construction will consist of this rock.

Waste rock with a slight ARD potential will be evaluated for possible blending with non ARD or highly acid consuming material and possible conventional storage. Material determined to have a high ARD potential will be disposed of in the area of tailings facility for the high acid consuming tailings. This waste rock will be surrounded by acid consuming tailings. (an overview description of the tailings facility is described in Appendix 3-1).

3.4.3 Mechanical Wastes

The operation of mobile equipment in an isolated area results in waste oils and lubricants being produced on site. Disposal of these special wastes will be handled on site in a manner acceptable to the Ministry of Environment. Waste oil may be used as a fuel for heat sources provided it meets Section 41 of the Special Waste Regulation. The waste oil may also be used in the production of the Ammonia Nitrate based explosives and Blasting Agents. All other special wastes will be disposed of in an acceptable manner

3.4.4 Refuse Disposal

A Waste Management Branch permit will be required for the disposal of industrial and putrescible refuse originating from the mine and camp operations. In accordance with permit requirements, putrescible and other burnable wastes will be incinerated daily in order to minimize attraction of nuisance wildlife and reduce refuse volumes.

Industrial refuse and non-burnable wastes will be collected and trucked to a landfill site at the mine. Only waste approved for disposal in this facility will be buried. The landfill site will occupy approximately 1 ha. Granular backfill will be placed around the fill as cells are formed. The landfill area will be ditched to prevent adjacent runoff from entering the pit. The area will be fenced to discourage bears or other large foraging animals.

3.4.5 Other Wastes

All remaining or special wastes will be disposed of in a manner acceptable to all Ministries involved.

3.5 Water Management Plan

This section deals with the mine area and camp facilities. Diversions and runoff control for the tailings facility are dealt with in the tailings dam section in Appendix 3-1.

3.5.1 Runoff Control and Diversion

3.5.1.1 Pit Area & Pit Access Road

The Bronson Slope pit area is going to interfere with water flow from small runoff channels and creeks. A large number of the channels and creeks on Bronson Slope only carry water during spring runoff and during periods of heavy precipitation. All efforts will be made to divert the water courses above the pit area to West Gully to the west or to East Gully to the east. The preference would be to West Gully as East Gully may affect pit access during periods of heavy precipitation during the early life of the mine.

All water courses intercepted by the pit access road will be maintained with the use of culverts. Water collected by the road courses will be channelled to existing water courses by the road ditch system. Water that collects on the working pit benches will likely be channelled down the pit access road. A need for settling ponds will be evaluated as required following a survey of water flows in the creeks and gullies that will be affected by the excavation of the Bronson Slope deposit.

3.5.1.2 Camp Area

Runoff control for the camp area will involve maintenance of the existing Bronson Creek dike and diversion system. Upgrades to the system will only be made as required. All remaining runoff controls and diversions will be maintained as required.

3.5.2 Water Balance

3.5.2.1 Mill Facility

The mill facility will require the majority of water for the production of copper concentrate. The details of the mill water balance are not yet available. It has been determined that the primary water source for the mill during startup will be Bronson Creek. Continuous operation of the mill will be supplied by reclaim water from the tailings facility with makeup water being supplied by precipitation and Bronson Creek. The amount of makeup water taken from Bronson Creek should have no significant impact on the flows. The impact should be less than 1% at any given time.

3.5.2.2 Camp Facility

Water for the camp facilities will be supplied by the existing well system. The water quality of Bronson Creek is generally unacceptable for human consumption due to natural metal loading and sedimentation levels. Camp waste water will be directed to the septic field.

3.5.2.3 Sewage Disposal

Camp sewage will be disposed of in the existing septic field area. If this is not possible a new or expanded facility will be utilized. A location for this system will be located if required.

3.6 Infrastructure

It is anticipated that the Cominco Snip operation will be closing down based on present reserve estimates at approximately the same time the Bronson Slope Project would be preparing for start-up, resulting in the possibility of International Skyline acquiring these facilities for the Bronson Slope Project.

3.6.1 Camp

The buildings required for the camp are available from two potential sources:

- the Skyline Johnny Mountain mine; or
- use of the Cominco Snip Mine.

The Johnny Mountain camp facilities are available for construction and possible seasonal operations at its present location. This location is fully permitted and usable on short notice. Movement of this camp down to Bronson Creek is also an option. A possible site for this camp would be the present location of the Skyline sawmill. This area is presently under a Forestry Special Use Permit # 14944.

The ideal situation would be the takeover of the Cominco Camp upon the closure of the Snip deposit and all ancillary facilities.

3.6.2 Maintenance Facilities

The existing facilities at the Snip camp would be sufficient for small vehicles only. An additional facility will have to be constructed to handle the larger open pit equipment. The facility itself is expected to be small and may be located on a portion of the mine access road which will remain open for the life of the mine. This will reduce the travel time to and from the pit area due to the length of the pit access road.

3.6.3 Mine Roads

3.6.3.1 General Concepts

Other than the access road to the site (possibly from the Eskay Creek Mine road along the Iskut River to Bronson Creek), the only road at the mine will connect the camp and mill with the open pit (Figure 3-13). Assuming the Bronson Slope Mine were to use the existing Snip Mine camp, a total of 6.5 km of local mine roads would be required, including the major in-pit access road, but not bench branch roads which would be placed on alternate benches as the pit developed. Roads would be gravel-surfaced, average 10 m width and ditched. Fills would be avoided in road construction where ever possible. Side-casting onto unstable slopes would be avoided. Culverts and cross drains would be placed to maximize stability and downslopes from culverts outside the pit proper would be armoured where necessary to prevent erosion.

The unique stratigraphic location of the Bronson Slope deposit with respect to the location of the site facilities will allow the movement of ore and waste down an ore pass to the mill and waste storage facilities (Figure 3-8). The material will be moved via conveyor from the ore/waste pass system to the mill. The Bronson Slope access road will be approximately 6550 meters long and has an average grade of 9.2% (Figure 3-13).

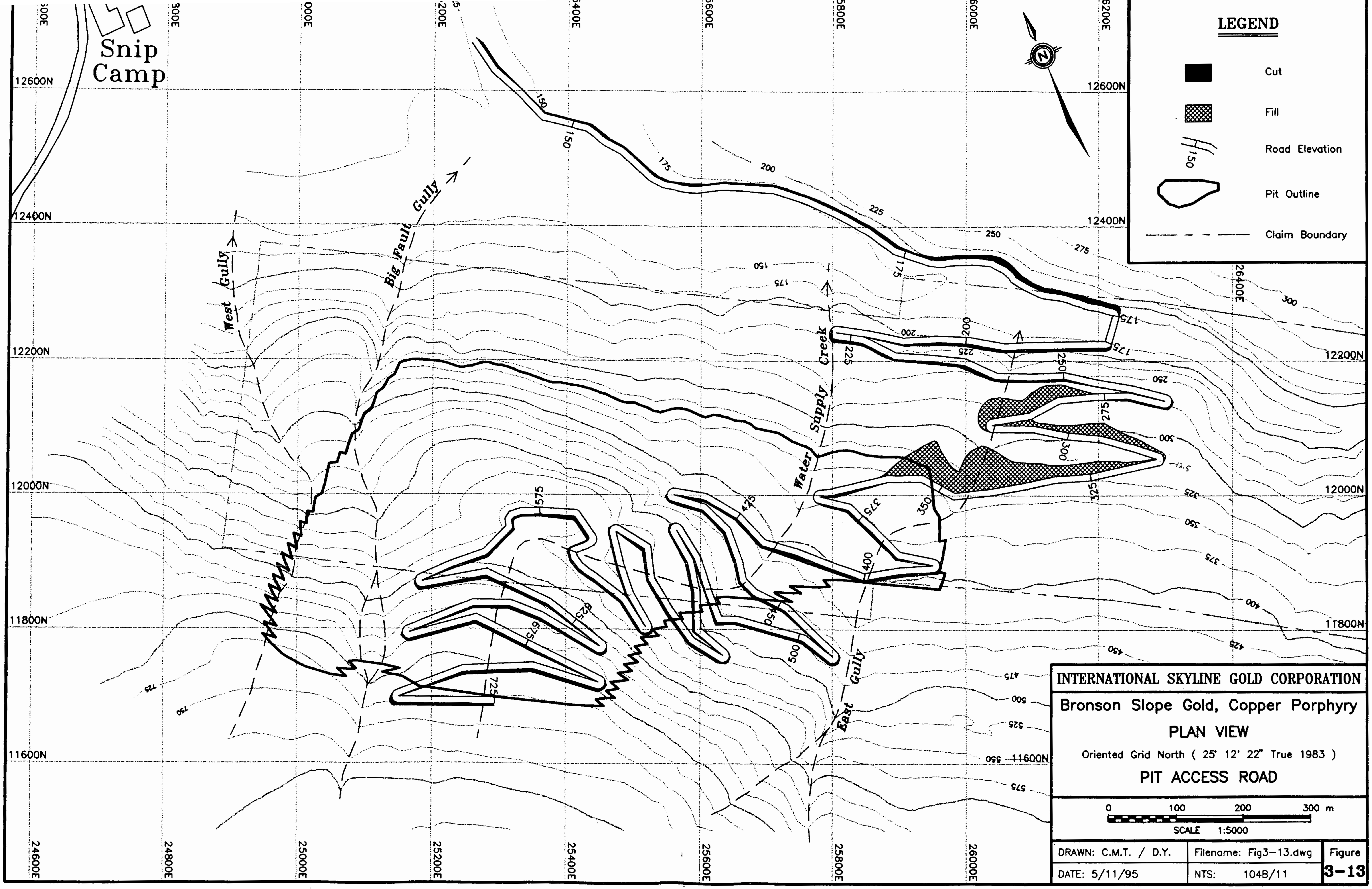
3.6.3.2 Pit Access Road Route

The Bronson Slope pit access road will start on the north side of Bronson Creek in the area of the present Keewatin Camp at the north end of the Bronson Creek airstrip (See Figure 3-8). The exact starting point has not been chosen as it will likely tie into the planned Iskut road extension at this point. The road will be developed on the north side of Bronson Creek. It is necessary to construct this portion of the road on the north side of Bronson Creek to avoid any safety problems with a south side construction which would place the road directly under Bronson Slope itself and directly under mining operations.

Starting at the 125 meter elevation the road will climb at a 10% grade for a distance of 250 meters to the 150 meter elevation. The road will then follow the 150 meter contour for approximately 300 meters before climbing to the 175 meter elevation at 10%. Due to the steep terrain in this area the road will be developed as a cut road. A typical cut section is shown in Figure 3-14.

A crossing of Bronson Creek to the south side will take place in this area. This portion of Bronson Creek is in a canyon. This appears to be one of the better and shorter areas to cross the river. This crossing will be subject to several studies at the feasibility level which will ultimately determine the type of bridge structure required.

The remainder of the road from this point will remain on the south side of Bronson Creek. The road will climb from this point to the 725 meter elevation through a series of switchbacks. The portion of the road from 175 meter elevation to the 275 meter elevation will be cut a road. The portion from 275 meter elevation travels through an area of shallow dipping terrain (less than 30 degrees) and will be developed as a fill road through the 360 meter elevation. Figure 3-5 shows a typical fill section with fill at an angle of repose of 30 degrees and an angle of repose of 37.5 degrees. All fill volumes have been calculated using an angle of repose of 30 degrees. The remainder of the road will be a cut road which will continue to the 725 meter elevation. A cut angle of 89 degrees has been used. This will be subject to on site geotechnical evaluations, and constraints laid out in the Forest practice Code. The road will generate a total of 1,200,000 tons of cut material. A large portion of this material will be ore grade and will be stockpiled until mill startup. The fill portion of the road will require 162,000 tons of material. This material will likely be generated from the cut area on the north side of Bronson Creek. All material used for construction will have to meet ARD standards and be an acceptable rock quality for fill.



INTERNATIONAL SKYLINE GOLD CORPORATION

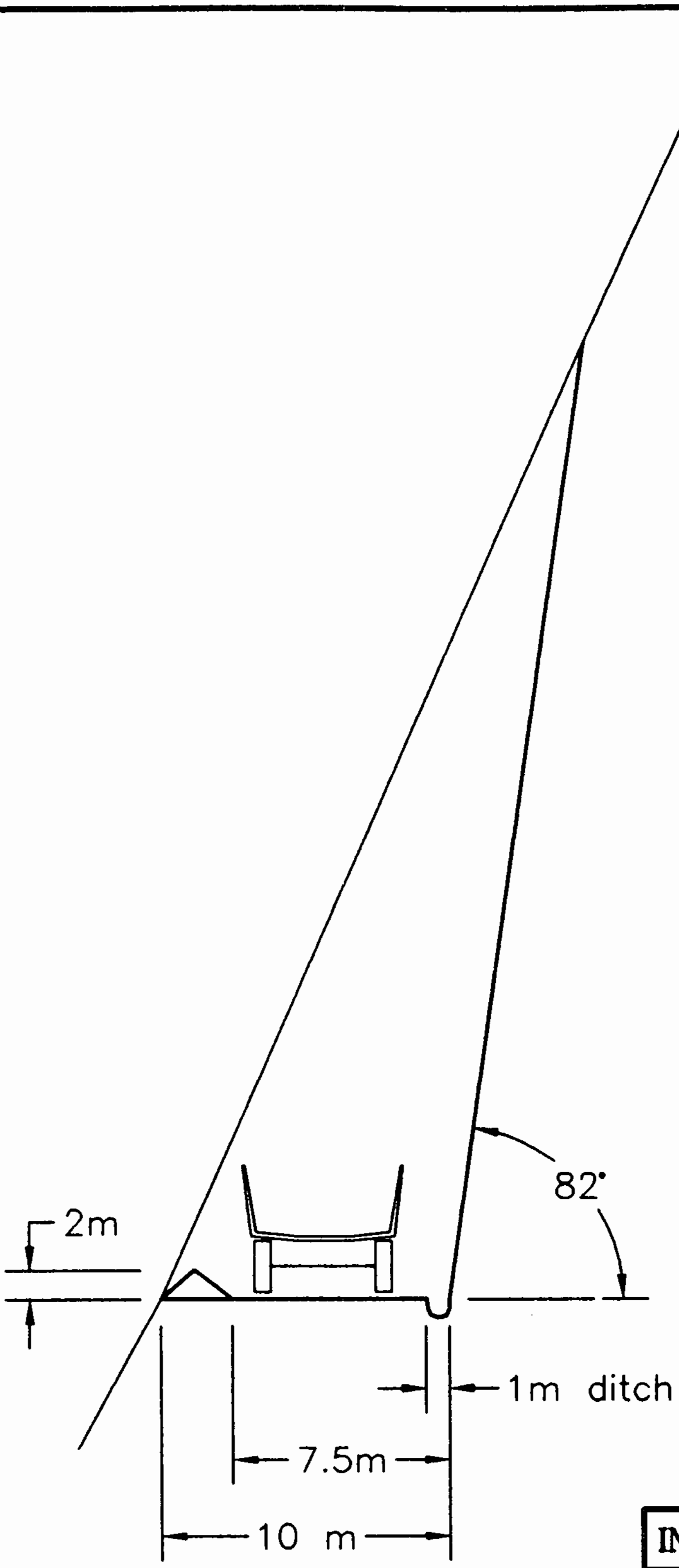
Bronson Slope Gold, Copper Porphyry

PLAN VIEW

Oriented Grid North (25' 12' 22" True 1983)

PIT ACCESS ROAD

DRAWN: C.M.T. / D.Y.
DATE: 5/11/95
Filename: Fig3-13.dwg
NTS: 104B/11
Figure 3-13



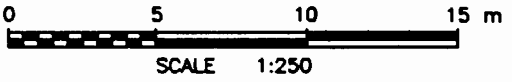
INTERNATIONAL SKYLINE GOLD CORPORATION

Bronson Slope Gold, Copper Porphyry

Cross Section 26000 E

Looking Grid East

Typical Cut Section



SCALE 1:250

DRAWN: C.M.T. / D.Y.	Filename: Fig3-14.dwg	Figure
DATE: 5/11/95	NTS: 104B/11	3-14

3.6.3.3 Design Criteria

The application assumes the largest vehicle to use the road will be a Caterpillar 777C haul truck with an operating width of 5.5 meters. The Bronson Slope pit access road will be used for pit access only, therefor it will not be required to be designed to haul road standards.

The present access road design has the road with a total width of 10.0 meters. This includes a 1.0 meter wide ditch and a 2 meter wide berm. The berm will be 1.6 meters high which will meet the 3/4 wheel height berm requirement.

The excessive length of road at a 10% grade will require runaway lanes at given intervals along the route. These lanes will be constructed in such a manner as to high center the vehicle as quickly as possible and bring the vehicle to a safe stop. Other safety measures for bringing equipment down the access road may be required. The road will be radio controlled and pullouts will also be available.

3.6.3.4 Runoff Control and Settling Ponds

All road runoff will be directed to the ditch system located along the inside portion of the road. Small creeks and water channels will be diverted or culverts put into place to allow unobstructed flows during normal run-off, and snow melt. The use of settling ponds for ditch water will be subject to further studies with regard to sedimentation loading and flows of water courses in the area.

3.7 Power Supply

Three individual power supply options have been addressed and are outlined. The economic benefits and potential drawbacks are outlined below. The Bronson Slope project will require a peak load of approximately 18 megawatts with an operating load in the order of 14 megawatts.

3.7.1 Diesel Power

Diesel power has been reviewed and entered into the cash flow model. At an estimated cost of $0.09/kwhr the operation likely will not be economic. The post payback portion of the cash flow would generate some revenue, however costs during the payback period would increase the payback period to an unacceptable level. Diesel backup will likely be required for partial power backup regardless which option is chosen.

3.7.2 B.C. Hydro Option

The existing line to Stewart B.C. could be extended from Meziaden Junction. The existing line could supply the power required by the Bronson Slope project, however the capacity of the line would be maximized. This will require extra switchgear for line and surge protection as well as transformers to compensate for line losses etc. During times of inadequate supply or peak demand the diesel generators will be required to subsidize the B.C. Hydro option. Costs for power are estimated at $0.035 kwhr. The capital cost of the extension would be comparable to the diesel option however with a much lower operating cost. The operation could likely proceed economically with this level of costs.

3.7.3 Iskut River Run-of-River Option

A run of river power option is being proposed as a power option for the Bronson Slope project. This option has a higher capital cost than the previous two options but a significantly lower operating cost. The operating cost for the run of river option is in the order of $0.019/kwhr. Extensive work has been carried out in the area in previous years and this option is feasible. This is the preferred hydro option for the company.

The run of river hydroelectric generating plant would have a capacity of between 16 and 20 MW and be located at the Iskut River canyon. This site is approximately 31 km upstream from the mine location. Power would be delivered to the site via a transmission line located along the Iskut River road corridor. The mine would be the only load served by this facility. At the time of this report, the Company does not intend to sell power to other users.

Further details are provided in the accompanying document, "Iskut Canyon Hydroelectric Plant. Application to the Environmental Assessment Office for a Project Approval Certificate", Section 8.0 of this report.

3.8 Project Alternatives

Magnetite

Basic metallurgical work has indicated that magnetite will be recoverable from the ore. Preliminary resource grades indicate approximately 500,000 recoverable tons per year are achievable of which 10 - 15% could supply the western Canadian coal industry.

Presently the coal industry is being supplied magnetite from the old Craigmont Mine, however quality of the product is poor. The supply of a superior quality of magnetite is being investigated by the coal industry and it is thought the project will be able to produce the required product. The coal industry uses magnetite for heavy media separation. The industry consumes between 60 - 80 thousand metric tons per year. Other markets for a high quality magnetite product are also available in the Western U.S. and Australia.

If grades and qualities of the remaining magnetite are adequate the possibility of shipping this product as iron ore does exist. If this were possible approximately 420,000 tonnes of magnetite could be shipped each year to offshore smelters depending on sale prices at port. If the product could not be sold in any given year a plan to stockpile would be established. The storage of magnetite has no significant environmental concerns.

APPENDIX 5

1995 Computer Model

International Skyline Gold Corporation
Bronson Slope Gold, Copper Porphyry
Mineral Resource Inventory
250 meter Search Radius Model
Corrected Topography & Re-assay of 1988 Drilling
December 21, 1995

RESOURCE MODELING CRITERIA

250 meter search radius model

The following resource base utilized an updated claim boundary outline based on survey points located in the field which truly represents the claim group. All 1994 and 1995 drill hole locations were surveyed. Topography was adjusted to fit the available survey data. Reserve polygons which represented areas of undefined material in space were left in the database.

- ***This resource estimate is a guideline which is to assist in the development of future drill plans, and is also to be used to generate a higher confidence level in the starter pit area. This resource update utilizes all drilling and the re-assay values of all 1988 holes.***
- The resource is developed on 10m. benches.
- Resource polygons are generated using a search radius of ***250m***. Polygon grades are developed using drill hole composites contained within the 10m. bench.
- No geological or structural constraints are used to limit polygon search radius. Claim boundaries and topography are the only lithological constraints used.
- Molybdenum values are not included in the gross contained metal values.
- Gold is priced @ $500.00 Canadian per ounce.
- Silver is priced @ $6.75 Canadian per ounce.
- Copper is priced @ $1.25 Canadian per pound.
- This resource utilizes the 1995 assaying of the 1988 holes with the exception of drill hole 944 which utilizes the 1994 re-assay results.

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
620															
620	10	UDF		2.65	7,635	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			7,635										
CUMULATIVE TOTAL		UDF			7,635										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUM. BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED. ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
610															
610	10	UDF		2.65	49,072	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			49,072										
CUMULATIVE TOTAL		UDF			56,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUM. BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
600															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			66,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
600	10	WST	1217	2.65	117,125	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
SUBTOTAL		WST			117,126	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			117,125	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUM. BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0

[illegible] ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
590															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			56,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
590	10	WST	1217	2.65	238,660	0.041	9,785	0.747	178,279	0.020%	105,231	0.002%	10,523	$1.37	$328,104
SUBTOTAL		WST			238,660	0.041	9,785	0.747	178,279	0.020%	105,231	0.002%	10,523	$1.37	$328,104
CUMULATIVE TOTAL		WST			365,784	0.028	9,785	0.501	178,279	0.013%	105,231	0.001%	10,523	$0.92	$328,104
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUM. BENCH TOTAL		HGD/LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
580															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			56,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
580	10	WST	1215	2.65	176,635	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
580	10	WST	1217	2.65	110,025	0.054	5,941	1.005	110,575	0.030%	72,769	0.004%	9,703	$1.91	$210,824
SUBTOTAL		WST			286,660	0.021	5,941	0.386	110,575	0.012%	72,769	0.002%	9,703	$0.74	$210,824
CUMULATIVE TOTAL		WST			642,444	0.024	15,726	0.450	288,854	0.013%	178,000	0.001%	20,226	$0.84	$538,928
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
580	10	LGD	1211	2.65	81,136	0.126	10,223	0.4	32,454	0.150%	268,310	0.005%	8,944	$6.25	$506,914
SUBTOTAL		LGD			81,136	0.126	10,223	0.400	32,454	0.150%	268,310	0.005%	8,944	$6.25	$506,914
CUMULATIVE TOTAL		LGD			81,136	0.126	10,223	0.400	32,454	0.150%	268,310	0.005%	8,944	$6.25	$506,914
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
580	10	HGD	1216	2.65	10,617	0.22	2,336	1.8	19,110	0.270%	63,196	0.007%	1,638	$11.37	$120,756
SUBTOTAL		HGD			10,617	0.220	2,336	1.800	19,110	0.270%	63,196	0.007%	1,638	$11.37	$120,756
CUMULATIVE TOTAL		HGD			10,617	0.220	2,336	1.800	19,110	0.270%	63,196	0.007%	1,638	$11.37	$120,756
BENCH TOTAL		HGD/LGD			91,752	0.137	12,559	0.562	51,564	0.164%	331,505	0.005%	10,582	$6.84	$627,671
CUM. BENCH TOTAL		HGD/LGD			91,752	0.137	12,559	0.562	51,564	0.164%	331,505	0.005%	10,582	$6.84	$627,671

[illegible] MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
570															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			56,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
570	10	WST	1208	2.65	42,226	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
570	10	WST	1217	2.65	115,443	0.084	9,697	1.748	201,794	0.040%	101,803	0.004%	10,180	$2.83	$327,579
SUBTOTAL		WST			157,669	0.062	9,697	1.280	201,794	0.029%	101,803	0.003%	10,180	$2.08	$327,579
CUMULATIVE TOTAL		WST			800,113	0.032	25,424	0.613	490,648	0.016%	279,803	0.002%	30,406	$1.08	$866,507
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
570	10	LGD	1211	2.65	95,527	0.13	12,419	0.696	66,487	0.120%	252,721	0.012%	25,272	$5.55	$530,217
570	10	LGD	1216	2.65	36,540	0.169	6,175	0.9	32,886	0.160%	128,891	0.010%	8,056	$7.32	$267,647
SUBTOTAL		LGD			132,067	0.141	18,594	0.752	99,373	0.131%	381,612	0.011%	33,328	$6.04	$797,865
CUMULATIVE TOTAL		LGD			213,203	0.135	28,817	0.618	131,827	0.138%	649,921	0.009%	42,271	$6.12	$1,304,779
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
570	10	HGD	1222	2.65	75,277	0.543	40,876	1.54	115,927	0.140%	232,342	0.001%	1,660	$12.92	$973,212
570	10	HGD	1218	2.65	70,874	0.601	42,595	3.583	253,941	0.200%	312,500	0.002%	3,125	$15.95	$1,131,425
570	10	HGD	1215	2.65	239,507	0.377	90,294	18.353	4,395,677	0.420%	2,217,695	0.006%	31,681	$21.62	$5,191,098
SUBTOTAL		HGD			385,659	0.451	173,765	12.357	4,765,546	0.325%	2,762,537	0.004%	36,466	$18.92	$7,295,735
CUMULATIVE TOTAL		HGD			396,275	0.444	176,101	12.074	4,784,656	0.323%	2,825,732	0.004%	38,104	$18.72	$7,416,491
BENCH TOTAL		HGD/LGD			517,726	0.372	192,359	9.397	4,864,918	0.275%	3,144,148	0.006%	69,794	$15.63	$8,093,599
CUM. BENCH TOTAL		HGD/LGD			609,478	0.336	204,918	8.067	4,916,483	0.259%	3,475,654	0.006%	80,376	$14.31	$8,721,270

[illegible] MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
560															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			56,707										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
560	10	WST	1208	2.65	82,754	0.145	11,999	1.036	85,651	0.070%	127,710	0.001%	1,824	$4.48	$371,430
SUBTOTAL		WST			82,754	0.145	11,999	1.036	85,651	0.070%	127,710	0.001%	1,824	$4.49	$371,430
CUMULATIVE TOTAL		WST			882,867	0.042	37,423	0.653	576,299	0.021%	407,512	0.002%	32,230	$1.40	$1,237,937
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
560	10	LGD	1217	2.65	132,453	0.175	23,179	2.553	338,153	0.080%	233,607	0.007%	20,441	$5.57	$739,125
560	10	LGD	1216	2.65	90,904	0.193	17,544	0.622	56,542	0.090%	180,367	0.009%	18,037	$5.72	$520,013
560	10	LGD	1209	2.65	60,219	0.271	16,319	2.017	121,463	0.090%	119,485	0.006%	7,966	$7.27	$438,495
560	10	LGD	1211	2.65	115,616	0.18	20,811	1.147	132,612	0.190%	484,291	0.012%	30,587	$8.38	$969,178
SUBTOTAL		LGD			399,193	0.195	77,854	1.625	648,769	0.116%	1,017,750	0.009%	77,030	$6.68	$2,666,811
CUMULATIVE TOTAL		LGD			612,395	0.174	106,671	1.276	780,596	0.124%	1,667,672	0.009%	119,301	$6.49	$3,971,590
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
560	10	HGD	1222	2.65	83,613	0.538	44,984	1.556	130,102	0.150%	276,503	0.001%	1,843	$13.12	$1,097,591
560	10	HGD	1218	2.65	126,898	0.666	84,514	5.852	742,608	0.210%	587,501	0.003%	8,393	$17.76	$2,256,738
560	10	HGD	1215	2.65	273,076	0.894	244,130	2.24	611,691	0.280%	1,685,682	0.004%	24,081	$22.57	$6,167,285
SUBTOTAL		HGD			483,587	0.773	373,628	3.070	1,484,401	0.239%	2,549,685	0.003%	34,317	$19.69	$9,521,614
CUMULATIVE TOTAL		HGD			879,863	0.625	549,729	7.125	6,269,056	0.277%	5,376,417	0.004%	72,422	$19.25	$16,938,105
BENCH TOTAL		HGD/LGD			882,780	0.511	451,482	2.416	2,133,170	0.183%	3,567,435	0.006%	111,347	$13.81	$12,188,425
CUM. BENCH TOTAL		HGD/LGD			1,492,258	0.440	656,400	4.724	7,049,653	0.214%	7,043,089	0.006%	191,723	$14.01	$20,909,695

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
550															
550	10	UDF		2.65	7,513	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			7,513										
CUMULATIVE TOTAL		UDF			64,220										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
550	10	WST	1216	2.65	133,402	0.149	19,877	0.245	32,683	0.050%	147,050	0.009%	26,469	$3.83	$510,623
SUBTOTAL		WST			133,402	0.149	19,877	0.245	32,683	0.050%	147,050	0.009%	26,469	$3.83	$510,623
CUMULATIVE TOTAL		WST			1,016,269	0.056	57,300	0.599	608,982	0.025%	554,562	0.003%	58,699	$1.72	$1,748,560
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
550	10	LGD	1208	2.65	142,270	0.197	28,027	0.602	85,646	0.120%	376,381	0.003%	9,410	$6.60	$939,995
550	10	LGD	1211	2.65	138,602	0.176	24,394	1.338	185,450	0.150%	458,349	0.010%	30,557	$7.25	$1,005,991
550	10	LGD	1217	2.65	139,728	0.237	33,115	1.848	258,217	0.180%	554,483	0.014%	43,126	$9.17	$1,282,408
SUBTOTAL		LGD			420,600	0.203	85,537	1.258	529,313	0.150%	1,389,213	0.009%	83,093	$7.68	$3,228,393
CUMULATIVE TOTAL		LGD			1,032,995	0.186	192,208	1.268	1,309,909	0.134%	3,056,884	0.009%	202,394	$6.97	$7,199,983
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
550	10	HGD	1222	2.65	83,692	0.542	45,361	1.728	144,619	0.170%	313,664	0.006%	11,070	$13.77	$1,153,297
550	10	HGD	1209	2.65	103,387	0.616	63,687	3.308	342,005	0.250%	569,825	0.003%	6,838	$17.51	$1,811,603
550	10	HGD	1218	2.65	145,875	0.927	135,226	4.296	626,677	0.200%	643,196	0.011%	35,376	$21.35	$3,116,293
550	10	HGD	1215	2.65	283,538	0.92	260,855	3.181	901,935	0.280%	1,750,262	0.017%	106,266	$23.20	$6,580,802
SUBTOTAL		HGD			616,491	0.819	505,128	3.269	2,015,236	0.241%	3,276,946	0.012%	159,550	$20.54	$12,661,996
CUMULATIVE TOTAL		HGD			1,496,354	0.705	1,054,857	5.536	8,284,292	0.262%	8,652,363	0.007%	231,972	$19.78	$29,600,100
BENCH TOTAL		HGD/LGD			1,037,091	0.570	590,665	2.454	2,544,549	0.204%	4,666,159	0.011%	242,643	$15.32	$15,890,389
CUM. BENCH TOTAL		HGD/LGD			2,529,349	0.493	1,247,065	3.793	9,594,202	0.210%	11,709,248	0.008%	434,366	$14.55	$36,800,084

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
540															
540	10	UDF		2.65	18,891	0	0	0	0	0.000%	0	0.000%	0	$0 00	
SUBTOTAL		UDF			18,891										
CUMULATIVE TOTAL		UDF			83,111										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
540	10	WST	1210	2.65	132,320	0	0	0	0	0.000%	0	0.000%	0	$0 00	$0
SUBTOTAL		WST			132,320	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			1,148,589	0.050	57,300	0.530	608,982	0.022%	554,562	0.002%	58,699	$1.52	$1,748,560
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			1,032,995	0.186	192,208	1.268	1,309,909	0.134%	3,056,884	0.009%	202,394	$6.97	$7,199,983
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
540	10	HGD	1216	2.65	118,625	0 533	63,227	1.486	176,277	0 120%	313,828	0 014%	38,613	$12 20	$1,447,759
540	10	HGD	1222	2 65	83,809	0.502	42,072	1.764	147,839	0.140%	258,674	0.002%	3,695	$12 31	$1,032,389
540	10	HGD	1215	2.65	244,875	0.576	141,048	2.7	661,163	0.160%	863,771	0.005%	26,993	$14.25	$3,493,226
540	10	HGD	1208	2.65	191,925	0.687	131,852	1.478	283,665	0.240%	1,015,492	0.004%	16,925	$17.98	$3,451,958
540	10	HGD	1218	2.65	150,377	0 918	138,046	3.304	496,846	0 140%	464,134	0.006%	19,891	$19 33	$2,909,258
540	10	HGD	1217	2.65	145,331	0.578	84,001	3.67	533,365	0.350%	1,121,399	0.008%	25,632	$19 73	$2,869,831
540	10	HGD	1211	2.65	162,515	1.093	177,629	1.811	294,314	0.130%	465,768	0.015%	53,742	$21 55	$3,503,226
540	10	HGD	1209	2.65	153,977	0.858	132,112	3.387	521,521	0.330%	1,120,222	0.002%	6,789	$23 62	$3,639,380
SUBTOTAL		HGD			1,261,436	0.727	909,989	2.489	3,114,991	0.204%	6,623,289	0.007%	190,281	$17.86	$22,347,026
CUMULATIVE TOTAL		HGD			2,747,789	0.715	1,964,846	4.149	11,399,283	0.238%	14,275,652	0.007%	422,253	$18.91	$51,947,126
BENCH TOTAL		HGD/LGD			1,261,436	0.727	909,989	2.489	3,114,991	0.204%	6,623,289	0.007%	190,281	$17.86	$22,347,026
CUM. BENCH TOTAL		HGD/LGD			3,780,784	0.571	2,157,053	3.362	12,709,192	0.208%	17,332,537	0.007%	624,647	$15.64	$59,147,109

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
520															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			83,213										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			1,272,491	0.045	57,300	0.479	608,982	0.020%	564,582	0.002%	58,699	$1.37	$1,748,560
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
520	10	LGD	1212	2.65	191,028	0.145	27,699	0.854	163,138	0.100%	421,145	0.008%	33,692	$5.27	$1,007,772
520	10	LGD	1219	2.65	146,534	0.135	19,782	1.169	171,298	0.110%	355,356	0.011%	35,536	$5.46	$799,976
520	10	LGD	1211	2.65	186,565	0.261	48,694	0.757	141,230	0.170%	699,220	0.017%	69,922	$9.04	$1,686,087
520	10	LGD	1216	2.65	115,176	0.299	34,438	0.875	100,779	0.150%	380,880	0.022%	56,862	$9.13	$1,052,031
SUBTOTAL		LGD			639,303	0.204	130,612	0.902	576,445	0.132%	1,856,600	0.014%	195,012	$7.11	$4,547,816
CUMULATIVE TOTAL		LGD			2,279,762	0.223	508,572	1.184	2,699,273	0.124%	6,253,147	0.009%	451,885	$7.28	$16,588,114
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
520	10	HGD	1215	2.65	259,685	0.495	128,544	1.869	485,351	0.120%	687,007	0.001%	5,725	$11.67	$3,032,522
520	10	HGD	1217	2.65	153,122	0.377	57,727	2.043	312,828	0.220%	742,666	0.004%	13,503	$12.57	$1,925,403
520	10	HGD	1209	2.65	209,456	0.453	94,884	1.297	271,665	0.210%	969,720	0.002%	9,235	$13.35	$2,797,646
520	10	HGD	1210	2.65	213,717	0.514	109,851	0.689	147,251	0.180%	848,097	0.002%	9,423	$13.37	$2,858,915
520	10	HGD	1222	2.65	86,979	0.783	68,104	2.019	175,610	0.250%	479,388	0.002%	3,835	$19.91	$1,732,989
520	10	HGD	1218	2.65	160,893	0.63	101,363	5.714	919,345	0.340%	1,206,010	0.002%	7,094	$20.74	$3,339,683
520	10	HGD	1208	2.65	173,815	1.173	203,885	2.703	469,823	0.320%	1,226,230	0.009%	34,488	$28.26	$4,914,626
SUBTOTAL		HGD			1,257,667	0.608	764,358	2.212	2,781,872	0.222%	6,159,118	0.003%	83,304	$16.38	$20,601,784
CUMULATIVE TOTAL		HGD			4,918,168	0.683	3,357,552	3.435	16,895,997	0.238%	25,792,775	0.006%	680,695	$18.29	$89,947,521
BENCH TOTAL		HGD/LGD			1,896,971	0.472	894,970	1.770	3,358,318	0.192%	8,015,719	0.007%	278,316	$13.26	$25,149,600
CUM. BENCH TOTAL		HGD/LGD			7,197,930	0.537	3,866,124	2.722	19,595,270	0.202%	32,045,922	0.007%	1,132,580	$14.80	$106,535,635

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
510															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			83,213										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
510	10	WST	1212	2.65	261,506	0.078	20,397	0.258	67,469	0.060%	345,913	0.007%	40,356	$2.96	$775,225
SUBTOTAL		WST			261,506	0.078	20,397	0.258	67,469	0.060%	345,913	0.007%	40,356	$2.96	$775,225
CUMULATIVE TOTAL		WST			1,533,996	0.051	77,697	0.441	676,451	0.027%	900,475	0.003%	99,056	$1.65	$2,523,786
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
510	10	LGD	1211	2.65	205,707	0.252	51,838	0.838	172,382	0.140%	634,907	0.016%	72,561	$8.09	$1,665,113
SUBTOTAL		LGD			205,707	0.252	51,838	0.838	172,382	0.140%	634,907	0.016%	72,561	$8.09	$1,665,113
CUMULATIVE TOTAL		LGD			2,485,469	0.225	560,410	1.155	2,871,655	0.126%	6,888,054	0.010%	524,446	$7.34	$18,253,227
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
510	10	HGD	1217	2.65	138,927	0.389	54,043	1.334	185,329	0.150%	459,423	0.001%	3,063	$10.68	$1,484,058
510	10	HGD	1219	2.65	237,510	0.318	75,528	3.169	752,671	0.280%	1,466,137	0.011%	57,598	$13.52	$3,212,755
510	10	HGD	1215	2.65	268,394	0.666	178,750	3.025	811,892	0.150%	887,561	0.002%	11,834	$15.50	$4,162,375
510	10	HGD	1222	2.65	101,560	0.671	68,147	1.369	139,036	0.240%	537,365	0.002%	4,478	$17.70	$1,798,099
510	10	HGD	1216	2.65	130,104	0.802	104,344	0.716	93,155	0.210%	602,345	0.004%	11,473	$18.83	$2,451,272
510	10	HGD	1208	2.65	173,982	0.691	120,221	2.887	502,285	0.260%	997,264	0.008%	30,685	$18.90	$3,290,240
510	10	HGD	1218	2.65	163,923	0.896	146,875	3.961	649,298	0.360%	1,300,994	0.003%	10,842	$25.18	$4,130,832
510	10	HGD	1210	2.65	258,479	1.36	351,532	3.753	970,073	0.560%	3,191,154	0.006%	34,191	$38.11	$9,854,993
510	10	HGD	1209	2.65	248,741	1.931	480,319	11.668	2,902,309	0.550%	3,016,086	0.047%	257,738	$48.73	$12,132,140
SUBTOTAL		HGD			1,721,621	0.918	1,579,759	4.069	7,006,048	0.328%	12,458,328	0.011%	421,902	$24.70	$42,516,764
CUMULATIVE TOTAL		HGD			6,639,789	0.744	4,937,311	3.600	23,902,044	0.261%	38,251,103	0.008%	1,102,597	$19.95	$132,464,286
BENCH TOTAL		HGD/LGD			1,927,328	0.847	1,631,597	3.726	7,178,430	0.306%	13,093,234	0.012%	494,463	$22.92	$44,181,877
CUM. BENCH TOTAL		HGD/LGD			9,125,258	0.602	5,497,721	2.934	26,773,699	0.224%	45,139,156	0.006%	1,627,043	$16.52	$150,717,512

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
500															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			83,213										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
500	10	WST	944	2.65	127,457	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
500	10	WST	945	2.65	71,539	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
500	10	WST	1212	2.65	336,490	0.146	49,127	0.682	229,486	0.060%	445,099	0.008%	44,510	$4.15	$1,396,830
SUBTOTAL		WST			535,486	0.092	49,127	0.429	229,486	0.038%	445,099	0.004%	44,510	$2.61	$1,396,830
CUMULATIVE TOTAL		WST			2,069,483	0.061	126,825	0.438	905,936	0.029%	1,345,574	0.003%	143,566	$1.89	$3,920,616
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		LGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		LGD			2,485,469	0.225	560,410	1.155	2,871,666	0.126%	6,888,054	0.010%	524,446	$7.34	$18,253,227
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
500	10	HGD	1219	2.65	151,998	0.312	47,423	2.501	380,147	0.180%	603,177	0.012%	40,212	$10.52	$1,600,172
500	10	HGD	1211	2.65	222,651	0.337	75,033	2.045	455,321	0.280%	1,374,410	0.004%	19,634	$13.58	$3,024,719
500	10	HGD	1217	2.65	86,752	0.553	47,974	1.33	115,380	0.240%	459,011	0.001%	1,913	$15.79	$1,370,564
500	10	HGD	1218	2.65	169,256	0.637	107,816	2.574	435,664	0.250%	932,862	0.002%	7,463	$17.69	$2,995,603
500	10	HGD	1218	2.65	143,766	0.749	107,681	0.866	124,502	0.210%	665,595	0.008%	19,017	$18.02	$2,590,892
500	10	HGD	1208	2.65	171,721	0.77	132,225	3.379	580,245	0.260%	984,307	0.015%	56,787	$20.28	$3,484,219
500	10	HGD	1210	2.65	313,359	0.736	230,632	2.45	767,730	0.300%	2,072,515	0.002%	13,817	$20.63	$6,468,114
500	10	HGD	1215	2.65	277,309	1.127	312,528	5.972	1,656,091	0.260%	1,711,812	0.005%	30,568	$27.13	$7,529,548
500	10	HGD	1209	2.65	255,837	0.954	244,068	5.252	1,343,654	0.400%	2,256,090	0.003%	16,921	$27.50	$7,040,331
500	10	HGD	1222	2.65	167,350	2.751	460,379	0.919	153,794	0.240%	885,462	0.004%	14,758	$51.04	$8,543,553
SUBTOTAL		HGD			1,959,999	0.901	1,765,769	3.068	6,012,629	0.276%	11,946,239	0.005%	221,089	$22.78	$44,647,716
CUMULATIVE TOTAL		HGD			8,599,788	0.779	6,703,070	3.479	29,914,573	0.265%	50,196,342	0.007%	1,323,686	$20.58	$177,112,002
BENCH TOTAL		HGD/LGD			1,959,999	0.901	1,765,769	3.068	6,012,629	0.276%	11,946,239	0.005%	221,089	$22.78	$44,647,716
CUM. BENCH TOTAL		HGD/LGD			11,085,256	0.655	7,263,480	2.958	32,786,228	0.234%	57,084,395	0.008%	1,848,132	$17.62	$195,365,229

[illegible] ALL [illegible] DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
490															
SUBTOTAL		UDF			0										
CUMULATIVE TOTAL		UDF			83,213										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
490	10	WST	1221	2.65	182,126	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
490	10	WST	1220	2.65	51,674	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
490	10	WST	1212	2.65	346,731	0.129	44,728	0.734	254,500	0.070%	535,086	0.009%	68,797	$4.16	$1,444,078
SUBTOTAL		WST			580,531	0.077	44,728	0.438	254,500	0.042%	535,086	0.005%	68,797	$2.49	$1,444,078
CUMULATIVE TOTAL		WST			2,650,013	0.065	171,563	0.438	1,160,437	0.032%	1,880,660	0.004%	212,363	$2.02	$5,364,694
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
490	10	LGD	946	2.65	76,915	0.193	14,845	0.839	64,532	0.160%	271,311	0.001%	1,696	$7.69	$592,038
490	10	LGD	961	2.65	5,745	0.193	1,109	0.803	4,614	0.160%	20,267	0.002%	253	$7.69	$44,179
490	10	LGD	1216	2.65	87,548	0.407	35,632	0.555	48,589	0.080%	154,408	0.002%	3,860	$8.87	$776,663
490	10	LGD	962	2.65	54,126	0.284	15,372	0.726	39,295	0.160%	190,924	0.003%	3,580	$9.13	$494,478
490	10	LGD	1210	2.65	284,882	0.429	122,214	0.889	253,260	0.100%	628,056	0.002%	12,561	$9.84	$2,805,994
490	10	LGD	1209	2.65	251,917	0.327	82,377	1.437	362,005	0.160%	888,611	0.001%	5,554	$9.98	$2,515,026
SUBTOTAL		LGD			761,134	0.357	271,549	1.016	772,295	0.128%	2,153,576	0.002%	27,504	$9.50	$7,228,378
CUMULATIVE TOTAL		LGD			3,246,603	0.256	831,959	1.122	3,643,950	0.126%	9,041,630	0.008%	551,950	$7.86	$25,481,604
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
490	10	HGD	1219	2.65	147,543	0.312	46,033	1.922	283,577	0.190%	618,024	0.010%	32,528	$10.67	$1,575,133
490	10	HGD	945	2.65	57,406	0.515	29,564	2.531	145,296	0.160%	202,495	0.008%	10,125	$13.24	$760,478
490	10	HGD	944	2.65	35,627	0.528	18,811	1.951	69,509	0.180%	141,381	0.006%	4,713	$13.87	$494,503
490	10	HGD	1208	2.65	171,690	0.521	89,450	2.891	496,355	0.180%	681,319	0.004%	15,140	$13.96	$2,399,209
490	10	HGD	1211	2.65	231,395	0.298	68,956	1.047	242,271	0.400%	2,040,553	0.025%	127,535	$16.04	$3,712,799
490	10	HGD	1217	2.65	104,605	0.776	81,173	1.774	185,569	0.200%	461,228	0.001%	2,306	$18.37	$1,922,626
490	10	HGD	1222	2.65	175,587	0.973	170,847	18.142	3,185,507	0.210%	812,917	0.005%	19,355	$25.37	$4,464,171
490	10	HGD	1218	2.65	176,378	1.049	185,021	4.929	869,369	0.480%	1,866,468	0.007%	27,219	$31.16	$5,499,483
490	10	HGD	1215	2.65	285,159	1.429	407,492	7.5	2,138,691	0.480%	3,017,601	0.011%	69,153	$37.83	$10,794,984
SUBTOTAL		HGD			1,385,391	0.792	1,097,348	5.497	7,616,144	0.322%	9,841,885	0.010%	308,074	$22.83	$31,623,386
CUMULATIVE TOTAL		HGD			9,985,179	0.781	7,800,418	3.769	37,530,717	0.273%	60,038,327	0.007%	1,631,760	$20.90	$208,735,387
BENCH TOTAL		HGD/LGD			2,146,525	0.638	1,368,896	3.908	8,388,439	0.253%	11,995,561	0.007%	335,578	$18.10	$38,851,763
CUM. BENCH TOTAL		HGD/LGD			13,231,781	0.652	8,632,377	3.112	41,174,667	0.237%	69,079,957	0.007%	2,183,710	$17.70	$234,216,991

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED. ALL 1088 DRILL HOLES INCLUDED IN DATABASE WITH 1095 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
480															
480	10	UDF		2.65	14,115	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			14,115										
CUMULATIVE TOTAL		UDF			97,328										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
480	10	WST	1220	2.65	112,723	0.032	3,607	0.113	12,738	0.020%	49,702	0.001%	2,485	$1.09	$122,932
480	10	WST	1212	2.65	400,133	0.088	35,212	0.39	156,052	0.080%	705,712	0.012%	105,857	$3.70	$1,482,675
480	10	WST	1221	2.65	225,371	0.147	33,130	0.553	124,630	0.070%	347,801	0.001%	4,969	$4.41	$994,893
SUBTOTAL		WST			738,226	0.097	71,948	0.397	293,420	0.068%	1,103,215	0.007%	113,311	$3.52	$2,600,501
CUMULATIVE TOTAL		WST			3,388,240	0.072	243,501	0.429	1,463,856	0.040%	2,983,876	0.004%	326,673	$2.36	$7,965,195
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
480	10	LGD	961	2.65	23,440	0.147	3,446	1.129	26,464	0.160%	82,683	0.002%	1,034	$7.02	$164,583
480	10	LGD	1222	2.65	182,421	0.258	47,065	0.674	122,952	0.100%	402,168	0.002%	8,043	$7.05	$1,286,558
480	10	LGD	962	2.65	59,972	0.177	10,615	0.444	26,628	0.160%	211,544	0.002%	2,644	$7.35	$440,978
480	10	LGD	946	2.65	93,959	0.25	23,490	0.915	85,973	0.160%	331,431	0.002%	4,143	$8.63	$810,919
480	10	LGD	1211	2.65	251,295	0.327	82,173	0.807	202,795	0.150%	831,015	0.023%	127,422	$9.57	$2,404,733
SUBTOTAL		LGD			611,087	0.273	166,789	0.761	464,811	0.138%	1,858,842	0.011%	143,286	$8.36	$5,107,770
CUMULATIVE TOTAL		LGD			3,857,690	0.259	998,747	1.065	4,108,761	0.128%	10,900,472	0.008%	695,237	$7.93	$30,589,375
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
480	10	HGD	1210	2.65	283,728	0.452	128,245	0.911	258,476	0.110%	688,064	0.005%	31,276	$10.50	$2,979,126
480	10	HGD	945	2.65	70,388	0.35	24,636	2.933	206,447	0.160%	248,285	0.004%	6,207	$10.67	$751,917
480	10	HGD	1209	2.65	258,898	0.463	119,870	1.474	381,616	0.140%	799,082	0.001%	5,708	$11.62	$3,010,316
480	10	HGD	1219	2.65	153,329	0.427	65,472	2.133	327,051	0.200%	676,066	0.012%	40,564	$12.84	$1,969,816
480	10	HGD	944	2.65	33,289	0.461	15,346	5.415	180,257	0.190%	139,436	0.007%	5,137	$13.82	$460,718
480	10	HGD	1217	2.65	121,938	0.672	81,942	1.264	154,129	0.150%	403,239	0.001%	2,688	$15.21	$1,855,586
480	10	HGD	1208	2.65	162,887	0.611	99,524	3.675	598,609	0.200%	718,207	0.005%	17,955	$16.13	$2,629,795
480	10	HGD	1218	2.65	186,914	0.578	108,036	2.567	479,809	0.270%	1,112,603	0.004%	16,483	$17.29	$3,233,538
480	10	HGD	1216	2.65	86,868	0.746	64,803	2.062	179,121	0.240%	459,625	0.003%	5,745	$19.05	$1,655,976
480	10	HGD	1215	2.65	295,601	1.448	428,031	3.781	1,117,669	0.240%	1,564,053	0.011%	71,686	$30.71	$9,083,689
SUBTOTAL		HGD			1,653,840	0.687	1,135,905	2.348	3,883,186	0.187%	6,808,661	0.006%	203,449	$16.71	$27,630,478
CUMULATIVE TOTAL		HGD			11,639,018	0.768	8,936,323	3.558	41,413,902	0.261%	66,846,988	0.007%	1,835,209	$20.31	$236,365,865
BENCH TOTAL		HGD/LGD			2,264,927	0.575	1,302,693	1.920	4,347,996	0.174%	8,667,503	0.007%	346,735	$14.45	$32,738,248
CUM. BENCH TOTAL		HGD/LGD			15,496,708	0.641	9,935,070	2.938	45,522,664	0.228%	77,747,459	0.007%	2,530,446	$17.23	$266,955,240

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
470															
470	10	UDF	1213	2.65	74,342	0.196	14,571	0.165	12,266	0.000%	0	0.000%	0	$3 19	
SUBTOTAL		UDF			74,342										
CUMULATIVE TOTAL		UDF			171,670										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
470	10	WST	1212	2.65	454,586	0.111	50,459	0.262	119,102	0.050%	501,095	0.009%	90,197	$3.22	$1,463,953
470	10	WST	1221	2.65	259,117	0.14	36,276	0.538	139,405	0.060%	342,753	0.000%	0	$4.02	$1,042,435
SUBTOTAL		WST			713,704	0.122	86,735	0.362	258,507	0.054%	843,848	0.006%	90,197	$3.51	$2,506,388
CUMULATIVE TOTAL		WST			4,101,943	0.081	330,237	0.417	1,712,363	0.042%	3,827,723	0.005%	415,870	$2.55	$10,471,583
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
470	10	LGD	1217	2.65	139,722	0 257	35,908	1 127	157,466	0 080%	246,427	0.001%	3,080	$6 58	$920,085
470	10	LGD	1222	2 65	186,755	0.265	49,490	0.477	89,082	0.110%	452,896	0 002%	8,234	$7 39	$1,381,519
470	10	LGD	961	2 65	39,818	0 187	7,446	0 576	22,935	0.160%	140,452	0 002%	1,756	$7 54	$300,341
470	10	LGD	962	2.65	68,714	0.315	21,645	1.431	98,330	0.160%	242,381	0 002%	3,030	$9 78	$672,659
470	10	LGD	944	2 65	30,871	0 341	10,527	1 619	49,980	0 150%	102,088	0 004%	2,722	$9 97	$307,879
SUBTOTAL		LGD			465,879	0.268	125,016	0.897	417,793	0.115%	1,184,244	0.002%	18,823	$7.69	$3,582,483
CUMULATIVE TOTAL		LGD			4,323,569	0.260	1,123,764	1.047	4,526,556	0.127%	12,084,716	0.007%	714,059	$7.90	$34,171,857
														$0.00	$0
														$0.00	$0
														$0.00	$0
470	10	HGD	1218	2.65	197,553	0.361	71,317	1.854	366,264	0.150%	653,295	0.001%	4,355	$10.34	$2,043,969
470	10	HGD	1210	2.65	281,672	0.411	115,767	1.297	365,329	0.140%	869,371	0.004%	24,839	$10.75	$3,028,623
470	10	HGD	945	2.65	83,655	0.372	31,120	4.248	355,366	0 160%	295,084	0 008%	11,066	$11 31	$947,439
470	10	HGD	1209	2.65	264,028	0 42	110,892	3.118	823,240	0.230%	1,338,788	0 002%	11,642	$13 77	$3,637,740
470	10	HGD	1211	2 65	266,663	0.541	144,265	1.641	437,594	0 190%	1,116,992	0.007%	41,152	$14 29	$3,812,285
470	10	HGD	1208	2.65	154,382	0 571	88,152	2.255	348,132	0.170%	578,603	0.005%	17,018	$14 35	$2,217,332
470	10	HGD	1220	2.65	186,752	0.761	142,118	1.963	366,594	0 230%	946,949	0.016%	65,875	$19 00	$3,549,597
470	10	HGD	946	2.65	106,323	0.928	98,667	3 737	397,327	0 160%	375,041	0.002%	4,688	$20 14	$2,142,783
470	10	HGD	1219	2.65	157,947	0.731	115,460	3 999	631,632	0 370%	1,288,392	0 011%	38,304	$22 82	$3,606,039
470	10	HGD	1215	2 65	308,379	1.229	378,998	2.972	916,502	0.330%	2,243,532	0 008%	54,389	$29 50	$9,100,329
470	10	HGD	1216	2 65	91,322	1.777	162,280	3 959	361,545	0.540%	1,087,186	0.016%	32,213	$44.31	$4,047,977
SUBTOTAL		HGD			2,098,677	0.695	1,459,035	2.559	5,369,524	0.233%	10,793,233	0.007%	305,540	$18.17	$38,134,112
CUMULATIVE TOTAL		HGD			13,737,696	0.757	10,395,357	3.406	46,783,426	0.256%	77,640,220	0.007%	2,140,749	$19.98	$274,499,977
BENCH TOTAL		HGD/LGD			2,564,556	0.618	1,584,061	2.257	5,787,317	0.212%	11,977,477	0.006%	324,362	$16.27	$41,716,595
CUM. BENCH TOTAL		HGD/LGD			18,061,264	0.638	11,519,121	2.841	51,309,981	0.225%	89,724,936	0.007%	2,854,806	$17.09	$308,671,834

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
460															
460	10	UDF		2.65	23,811	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			23,811										
CUMULATIVE TOTAL		UDF			195,481										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
460	10	WST	1213	2.65	204,855	0.133	27,246	0.993	203,421	0.000%	0	0.001%	4,516	$2.35	$482,863
460	10	WST	1221	2.65	292,513	0.107	31,299	0.529	154,740	0.040%	257,952	0.001%	6,449	$2.94	$859,770
460	10	WST	1212	2.65	504,640	0.187	94,368	0.525	264,936	0.060%	667,523	0.008%	89,003	$4.77	$2,410,120
SUBTOTAL		WST			1,002,008	0.153	152,912	0.622	623,096	0.042%	925,475	0.005%	99,968	$3.75	$3,752,754
CUMULATIVE TOTAL		WST			5,103,951	0.095	483,149	0.458	2,335,459	0.042%	4,753,199	0.005%	515,838	$2.79	$14,224,337
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
460	10	LGD	1217	2.65	157,996	0.224	35,391	0.991	156,574	0.110%	383,154	0.001%	3,483	$6.85	$1,082,478
460	10	LGD	944	2.65	39,786	0.316	12,572	1.612	64,136	0.110%	96,485	0.004%	3,509	$8.46	$336,881
460	10	LGD	962	2.65	70,112	0.245	17,177	1.062	74,458	0.160%	247,311	0.001%	1,546	$8.58	$601,731
460	10	LGD	961	2.65	49,339	0.266	13,124	1.081	53,335	0.160%	174,038	0.003%	3,263	$8.92	$440,316
460	10	LGD	1222	2.65	188,605	0.362	68,275	0.85	160,314	0.130%	540,543	0.002%	8,316	$9.59	$1,808,810
SUBTOTAL		LGD			505,838	0.290	146,640	1.006	508,818	0.129%	1,441,531	0.002%	20,117	$8.44	$4,270,219
CUMULATIVE TOTAL		LGD			4,829,407	0.263	1,270,304	1.043	5,036,373	0.127%	13,526,247	0.007%	734,176	$7.96	$38,442,077
														$0.00	$0
														$0.00	$0
														$0.00	$0
460	10	HGD	1210	2.65	278,230	0.459	127,708	1.314	365,595	0.100%	613,392	0.003%	18,402	$10.42	$2,900,712
460	10	HGD	1218	2.65	208,041	0.4	83,216	1.986	413,169	0.180%	825,572	0.001%	4,587	$11.82	$2,460,981
460	10	HGD	1211	2.65	284,534	0.411	116,943	2.39	680,035	0.180%	1,129,120	0.013%	81,548	$12.09	$3,441,456
460	10	HGD	1208	2.65	148,000	0.476	70,448	1.538	227,624	0.150%	489,425	0.006%	19,577	$12.12	$1,794,661
460	10	HGD	946	2.65	117,951	0.464	54,729	2.063	243,333	0.160%	416,059	0.001%	2,600	$12.32	$1,453,654
460	10	HGD	1209	2.65	258,837	0.52	134,595	1.801	466,166	0.140%	798,893	0.002%	11,413	$12.61	$3,265,468
460	10	HGD	1219	2.65	165,202	0.397	65,585	2.931	484,206	0.220%	801,255	0.008%	29,137	$13.08	$2,162,700
460	10	HGD	945	2.65	95,527	0.523	49,961	6.116	584,244	0.160%	336,962	0.007%	14,742	$14.14	$1,353,105
460	10	HGD	1220	2.65	278,718	0.635	176,986	2.672	744,734	0.260%	1,597,613	0.009%	55,302	$17.95	$5,006,789
460	10	HGD	1216	2.65	94,319	0.801	75,550	1.971	185,903	0.250%	519,846	0.002%	4,159	$20.19	$1,905,546
460	10	HGD	1215	2.65	321,598	1.276	410,359	3.206	1,031,044	0.190%	1,347,103	0.006%	42,540	$26.44	$8,509,286
SUBTOTAL		HGD			2,250,957	0.607	1,366,081	2.411	5,426,063	0.179%	8,875,241	0.006%	284,005	$15.22	$34,254,359
CUMULATIVE TOTAL		HGD			15,988,652	0.736	11,761,438	3.266	52,209,480	0.245%	86,515,461	0.007%	2,424,754	$19.31	$308,754,336
BENCH TOTAL		HGD/LGD			2,756,795	0.549	1,512,621	2.153	5,934,871	0.170%	10,316,771	0.005%	304,122	$13.97	$38,524,578
CUM. BENCH TOTAL		HGD/LGD			20,818,059	0.626	13,031,742	2.750	57,244,852	0.218%	100,041,708	0.007%	3,158,930	$16.68	$347,196,412

[illegible] VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY
250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
450															
450	10	UDF		2.65	31,110	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			31,110										
CUMULATIVE TOTAL		UDF			226,592										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
450	10	WST	1214	2.65	240,533	0.122	29,345	2.16	519,550	0.010%	53,028	0.000%	0	$2.71	$652,454
450	10	WST	1212	2.65	552,638	0.075	41,448	0.244	134,844	0.060%	731,014	0.017%	207,121	$2.91	$1,609,915
450	10	WST	1213	2.65	245,012	0.263	64,438	2.466	604,200	0.000%	0	0.000%	0	$4.76	$1,169,090
SUBTOTAL		WST			1,038,183	0.130	135,231	1.212	1,258,594	0.034%	784,043	0.009%	207,121	$3.31	$3,431,459
CUMULATIVE TOTAL		WST			6,142,134	0.101	618,380	0.586	3,594,053	0.041%	6,637,241	0.005%	722,959	$2.87	$17,666,796
														$0.00	$0
														$0.00	$0
														$0.00	$0
450	10	LGD	961	2.65	50,417	0.096	4,840	0.486	24,502	0.160%	177,839	0.002%	2,223	$6.06	$305,516
450	10	LGD	944	2.65	59,882	0.246	14,731	1.37	82,038	0.070%	92,411	0.002%	2,640	$6.18	$370,434
450	10	LGD	946	2.65	132,108	0.253	33,423	0.703	92,872	0.160%	465,998	0.000%	0	$8.63	$1,140,378
450	10	LGD	1218	2.65	222,153	0.297	65,979	2.544	565,156	0.120%	587,715	0.001%	4,898	$8.63	$1,919,926
450	10	LGD	1209	2.65	249,715	0.408	101,884	0.657	164,063	0.080%	440,422	0.003%	16,516	$8.91	$2,224,914
450	10	LGD	962	2.65	75,743	0.267	20,223	2.337	177,010	0.160%	267,174	0.002%	3,340	$9.21	$698,100
450	10	LGD	1210	2.65	272,518	0.405	110,370	0.968	263,797	0.100%	600,798	0.004%	24,032	$9.48	$2,583,775
450	10	LGD	1221	2.65	331,609	0.363	120,374	1.431	474,533	0.130%	950,394	0.000%	0	$9.73	$3,228,007
SUBTOTAL		LGD			1,394,144	0.338	471,824	1.323	1,843,972	0.117%	3,682,750	0.002%	53,648	$8.95	$12,471,049
CUMULATIVE TOTAL		LGD			6,223,551	0.280	1,742,128	1.105	6,879,344	0.125%	17,108,997	0.006%	787,824	$8.18	$50,913,126
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
450	10	HGD	1208	2.65	152,502	0.407	62,069	1.247	190,171	0.120%	403,452	0.001%	3,362	$10.12	$1,544,214
450	10	HGD	1222	2.65	184,758	0.425	78,522	1.961	362,310	0.150%	610,982	0.002%	8,146	$11.39	$2,106,072
450	10	HGD	1220	2.65	400,025	0.36	144,009	1.262	504,832	0.210%	1,851,999	0.008%	70,552	$11.85	$4,741,729
450	10	HGD	1216	2.65	98,526	0.528	52,022	1.545	152,223	0.140%	304,099	0.002%	4,344	$12.68	← $1,250,126
450	10	HGD	945	2.65	104,474	0.514	53,700	1.552	162,144	0.160%	368,521	0.003%	6,910	$13.01	$1,359,814
450	10	HGD	1219	2.65	158,585	0.48	76,121	3.129	496,212	0.260%	909,010	0.009%	31,466	$15.56	$2,469,449
450	10	HGD	1211	2.65	302,435	0.524	158,476	1.49	450,626	0.250%	1,666,885	0.015%	100,013	$15.64	$4,731,038
450	10	HGD	1217	2.65	182,327	0.674	122,888	1.683	306,856	0.170%	683,334	0.001%	4,020	$15.88	$2,897,717
450	10	HGD	1215	2.65	333,842	0.833	278,091	2.699	901,040	0.120%	883,194	0.004%	29,440	$17.28	$5,773,918
SUBTOTAL		HGD			1,917,476	0.536	1,025,897	1.839	3,526,416	0.182%	7,681,475	0.006%	258,253	$14.02	$26,874,076
CUMULATIVE TOTAL		HGD			17,906,127	0.714	12,787,335	3.113	55,735,896	0.239%	94,196,936	0.007%	2,683,007	$18.74	$335,628,412
BENCH TOTAL		HGD/LGD			3,311,619	0.452	1,497,721	1.622	5,370,388	0.154%	11,264,225	0.004%	311,901	$11.88	$39,345,126
CUM. BENCH TOTAL		HGD/LGD			24,129,678	0.602	14,529,463	2.595	62,615,240	0.209%	111,305,933	0.007%	3,470,831	$16.02	$386,541,538

[illegible]

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
440															
440	10	UDF		2.65	52,167	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			52,167										
CUMULATIVE TOTAL		UDF			278,759										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
440	10	WST	1212	2.65	601,521	0.072	43,310	0.322	193,690	0.070%	928,287	0.011%	145,874	$3.16	$1,899,388
440	10	WST	1213	2.65	351,780	0.172	60,506	2.008	706,375	0.010%	77,554	0.000%	0	$3.48	$1,225,285
SUBTOTAL		WST			953,301	0.109	103,816	0.944	900,065	0.048%	1,005,842	0.007%	145,874	$3.28	$3,124,673
CUMULATIVE TOTAL		WST			7,096,436	0.102	722,196	0.633	4,494,118	0.042%	6,543,083	0.006%	868,833	$2.93	$20,780,469
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
440	10	LGD	944	2.65	150,822	0.2	30,164	1.366	206,023	0.080%	266,004	0.003%	9,975	$5.72	$862,873
440	10	LGD	961	2.65	43,091	0.147	6,334	0.8	34,472	0.160%	151,997	0.002%	1,900	$6.95	$299,437
440	10	LGD	1221	2.65	371,835	0.259	96,305	1.211	450,292	0.100%	819,755	0.000%	0	$7.18	$2,672,347
440	10	LGD	1211	2.65	320,475	0.286	91,656	0.496	158,956	0.090%	635,873	0.006%	42,392	$7.19	$2,303,636
440	10	LGD	1218	2.65	226,642	0.26	58,927	1.997	452,605	0.110%	549,626	0.001%	4,997	$7.64	$1,734,152
440	10	LGD	946	2.65	144,644	0.269	38,909	1.367	197,728	0.160%	510,216	0.001%	3,189	$9.03	$1,306,930
440	10	LGD	1222	2.65	185,233	0.35	64,831	1.71	316,748	0.110%	449,204	0.001%	4,084	$9.03	$1,673,679
SUBTOTAL		LGD			1,442,741	0.268	387,127	1.259	1,816,823	0.106%	3,382,676	0.002%	66,536	$7.52	$10,853,053
CUMULATIVE TOTAL		LGD			7,666,292	0.278	2,129,256	1.134	8,696,168	0.121%	20,491,672	0.005%	854,360	$8.06	$61,766,179
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
440	10	HGD	1210	2.65	253,549	0.485	122,971	0.97	245,943	0.110%	614,877	0.001%	6,590	$11.04	$2,800,083
440	10	HGD	1215	2.65	348,950	0.496	173,079	1.517	529,357	0.110%	846,232	0.003%	23,079	$11.33	$3,957,361
440	10	HGD	962	2.65	79,084	0.428	33,848	1.752	138,556	0.160%	278,962	0.002%	3,487	$11.67	$923,463
440	10	HGD	1219	2.65	169,565	0.423	71,726	2.248	380,844	0.200%	747,654	0.006%	22,430	$12.80	$2,171,709
440	10	HGD	1209	2.65	239,647	0.443	106,164	1.947	466,594	0.210%	1,109,498	0.003%	15,850	$13.33	$3,196,635
440	10	HGD	1217	2.65	195,541	0.554	108,330	3.786	740,319	0.210%	905,297	0.001%	4,311	$15.51	$3,036,434
440	10	HGD	1220	2.65	556,935	0.67	373,147	1.819	1,013,065	0.340%	4,174,625	0.007%	85,948	$20.53	$11,441,355
440	10	HGD	1216	2.65	104,487	0.776	81,082	3.18	332,268	0.330%	760,168	0.006%	13,821	$22.26	$2,327,104
440	10	HGD	1214	2.65	391,969	1.024	401,376	18.242	7,150,302	0.080%	691,314	0.000%	0	$22.62	$8,891,343
440	10	HGD	1208	2.65	155,139	1.533	237,829	4.401	682,769	0.510%	1,744,320	0.002%	6,840	$39.65	$6,154,897
SUBTOTAL		HGD			2,494,868	0.685	1,709,552	4.682	11,680,016	0.216%	11,872,946	0.003%	181,356	$18.00	$44,900,384
CUMULATIVE TOTAL		HGD			20,400,995	0.711	14,496,887	3.305	67,415,911	0.236%	106,069,882	0.006%	2,864,363	$18.65	$380,528,796
BENCH TOTAL		HGD/LGD			3,937,609	0.532	2,096,679	3.428	13,496,839	0.176%	15,255,621	0.003%	247,892	$14.16	$55,753,437
CUM. BENCH TOTAL		HGD/LGD			28,067,287	0.592	16,626,143	2.712	76,112,079	0.205%	126,561,555	0.006%	3,718,723	$15.76	$442,294,976

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
430															
430	10	UDF		2.65	152,288	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			152,288										
CUMULATIVE TOTAL		UDF			431,047										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
430	10	WST	1213	2.65	451,744	0.134	60,534	3.943	1,781,226	0.000%	0	0.000%	0	$3.01	$1,365,251
SUBTOTAL		WST			451,744	0.134	60,534	3.943	1,781,226	0.000%	0	0.000%	0	$3.02	$1,365,251
CUMULATIVE TOTAL		WST			7,547,179	0.104	782,730	0.831	6,276,344	0.039%	6,543,083	0.005%	868,833	$2.93	$22,146,720
														$0.00	$0
														$0.00	$0
430	10	LGD	944	2.65	195,163	0.193	37,667	1.228	239,660	0.100%	430,261	0.001%	4,303	$6.12	$1,196,229
430	10	LGD	1214	2.65	565,051	0.15	84,758	18.179	10,272,067	0.000%	0	0.000%	0	$6.36	$3,622,759
430	10	LGD	946	2.65	157,102	0.139	21,837	1.25	196,377	0.160%	554,159	0.000%	0	$6.91	$1,087,042
430	10	LGD	1212	2.65	655,020	0.257	168,340	0.749	490,610	0.110%	1,588,477	0.012%	173,288	$7.33	$4,800,441
430	10	LGD	1211	2.65	338,391	0.35	118,437	0.563	190,514	0.090%	671,421	0.005%	37,301	$8.23	$2,785,662
430	10	LGD	1210	2.65	233,235	0.401	93,527	0.65	151,603	0.090%	462,776	0.001%	5,142	$9.07	$2,115,742
430	10	LGD	1221	2.65	416,261	0.34	141,529	1.309	544,886	0.130%	1,193,006	0.000%	0	$9.33	$3,886,915
430	10	LGD	961	2.65	40,082	0.311	12,466	0.817	32,747	0.160%	141,386	0.002%	1,767	$9.59	$384,384
430	10	LGD	1216	2.65	113,039	0.464	52,450	0.953	107,726	0.070%	174,446	0.001%	2,492	$9.59	$1,085,156
SUBTOTAL		LGD			2,713,345	0.269	731,010	4.506	12,226,191	0.087%	5,215,931	0.004%	224,294	$7.73	$20,964,318
CUMULATIVE TOTAL		LGD			10,379,637	0.276	2,860,266	2.016	20,922,359	0.112%	25,707,604	0.005%	1,078,654	$7.97	$82,730,497
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
430	10	HGD	1209	2.65	228,665	0.437	99,926	1.567	358,317	0.140%	705,766	0.005%	25,206	$11.22	$2,567,653
430	10	HGD	1208	2.65	159,842	0.4	63,937	3.031	484,482	0.180%	634,305	0.002%	7,048	$12.06	$1,927,574
430	10	HGD	962	2.65	78,021	0.389	30,350	6.575	512,985	0.160%	275,209	0.001%	1,720	$12.09	$944,895
430	10	HGD	1222	2.65	180,728	0.607	109,702	1.172	211,814	0.160%	637,500	0.001%	3,984	$14.42	$2,607,484
430	10	HGD	1219	2.65	173,742	0.49	85,134	2.244	389,878	0.220%	842,678	0.011%	42,134	$14.43	$2,508,071
430	10	HGD	1220	2.65	701,122	0.517	362,480	3.827	2,683,196	0.350%	5,409,980	0.010%	154,571	$18.79	$13,181,461
430	10	HGD	1215	2.65	361,909	0.815	294,956	2.159	781,361	0.200%	1,595,743	0.002%	15,957	$19.08	$6,909,467
430	10	HGD	1218	2.65	232,272	1.028	238,776	6.334	1,471,212	0.460%	2,355,531	0.001%	5,121	$30.58	$7,107,597
430	10	HGD	1217	2.65	213,458	1.428	304,817	10.361	2,211,633	0.520%	2,447,082	0.005%	23,530	$39.53	$8,446,874
														$0.00	$0
SUBTOTAL		HGD			2,329,759	0.683	1,590,078	3.908	9,104,878	0.290%	14,903,794	0.005%	279,271	$19.83	$46,201,277
CUMULATIVE TOTAL		HGD			22,730,754	0.708	16,086,965	3.366	76,520,790	0.241%	120,973,677	0.006%	3,143,634	$18.77	$426,730,073
BENCH TOTAL		HGD/LGD			5,043,104	0.460	2,321,088	4.230	21,331,069	0.181%	20,119,726	0.005%	503,564	$13.32	$67,165,595
CUM. BENCH TOTAL		HGD/LGD			33,110,391	0.572	18,947,231	2.943	97,443,148	0.201%	146,681,280	0.006%	4,222,288	$15.39	$509,460,570

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
420															
420	10	UDF		2.65	281,278	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			281,278										
CUMULATIVE TOTAL		UDF			712,323										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
420	10	WST	944	2.65	232,629	0.119	27,683	0.649	150,977	0.040%	205,144	0.002%	10,257	$3.16	$734,786
420	10	WST	1214	2.65	734,344	0.178	130,713	4.725	3,469,776	0.010%	161,895	0.001%	16,189	$4.16	$3,067,569
SUBTOTAL		WST			966,974	0.164	158,396	3.744	3,620,753	0.017%	367,039	0.001%	26,447	$3.93	$3,802,374
CUMULATIVE TOTAL		WST			8,514,152	0.111	941,126	1.162	9,896,097	0.037%	6,910,122	0.005%	895,279	$3.05	$25,948,094
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
420	10	LGD	1213	2.65	533,784	0.33	176,149	3.258	1,739,069	0.000%	0	0.001%	11,768	$6.01	$3,215,068
420	10	LGD	1209	2.65	215,353	0.256	55,130	0.935	201,355	0.090%	427,295	0.002%	9,495	$6.80	$1,464,915
420	10	LGD	962	2.65	77,988	0.148	11,542	1.237	96,471	0.160%	275,094	0.001%	1,719	$7.06	$550,690
420	10	LGD	1211	2.65	353,835	0.289	102,258	0.75	265,376	0.090%	702,064	0.006%	46,804	$7.29	$2,580,276
420	10	LGD	1212	2.65	703,923	0.238	167,534	1.064	748,975	0.130%	2,017,449	0.007%	108,632	$7.64	$5,380,529
420	10	LGD	1222	2.65	176,755	0.363	64,162	1.683	297,479	0.110%	428,645	0.002%	7,794	$9.23	$1,632,978
SUBTOTAL		LGD			2,061,639	0.280	576,776	1.624	3,348,726	0.085%	3,850,548	0.004%	186,212	$7.19	$14,824,455
CUMULATIVE TOTAL		LGD			12,441,275	0.276	3,437,041	1.951	24,271,083	0.108%	29,558,151	0.005%	1,264,866	$7.84	$97,554,952
														$0.00	$0
														$0.00	$0
														$0.00	$0
420	10	HGD	961	2.65	53,889	0.39	21,017	1.022	55,074	0.160%	190,066	0.001%	1,188	$10.90	$587,670
420	10	HGD	1208	2.65	165,800	0.457	75,770	2.481	411,349	0.130%	475,183	0.002%	7,311	$11.47	$1,902,864
420	10	HGD	1219	2.65	174,198	0.458	79,783	1.484	258,510	0.190%	729,678	0.008%	30,723	$12.92	$2,251,877
420	10	HGD	1210	2.65	210,605	0.467	98,353	1.753	369,191	0.220%	1,021,470	0.001%	4,643	$13.95	$2,939,571
420	10	HGD	946	2.65	162,838	0.741	120,663	3.054	497,307	0.160%	574,393	0.001%	3,590	$16.98	$2,767,660
420	10	HGD	1218	2.65	238,206	0.61	145,306	2.958	704,614	0.240%	1,260,371	0.001%	5,252	$17.06	$4,066,998
420	10	HGD	1215	2.65	374,117	0.775	289,941	3.221	1,205,031	0.180%	1,484,614	0.001%	8,248	$18.12	$6,783,120
420	10	HGD	1220	2.65	847,200	0.572	484,599	1.651	1,398,728	0.320%	5,976,816	0.018%	336,196	$18.37	$15,571,088
420	10	HGD	1217	2.65	228,927	0.754	172,611	3.713	850,007	0.220%	1,110,335	0.007%	35,329	$18.99	$4,350,510
420	10	HGD	1221	2.65	450,720	0.665	299,729	2.477	1,116,435	0.300%	2,981,002	0.001%	9,937	$19.49	$8,791,513
420	10	HGD	1216	2.65	129,776	1.177	152,746	2.093	271,621	0.160%	457,771	0.002%	5,722	$23.78	$3,088,133
SUBTOTAL		HGD			3,036,278	0.639	1,940,517	2.351	7,137,868	0.243%	16,261,721	0.007%	448,138	$17.49	$53,101,002
CUMULATIVE TOTAL		HGD			25,767,032	0.700	18,027,483	3.247	83,658,658	0.242%	137,235,388	0.006%	3,591,772	$18.62	$479,831,075
BENCH TOTAL		HGD/LGD			5,097,916	0.494	2,517,293	2.057	10,486,593	0.179%	20,112,268	0.006%	634,350	$13.32	$67,925,457
CUM. BENCH TOTAL		HGD/LGD			38,208,307	0.562	21,464,524	2.825	107,929,741	0.198%	166,793,549	0.006%	4,856,638	$15.11	$577,386,027

[illegible] VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
410															
410	10	UDF		2 65	279,501	0	0	0	0	0 000%	0	0 000%	0	$0 00	
SUBTOTAL		UDF			279,501										
CUMULATIVE TOTAL		UDF			991,823										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			8,514,152	0.111	941,126	1.162	9,896,097	0.037%	6,910,122	0.005%	896,279	$3.05	$25,948,094
														$0.00	$0
														$0.00	$0
410	10	LGD	1199	2 65	72,391	0 169	12,234	0 413	29,898	0 080%	127,676	0 001%	1,596	$5 01	$362,897
410	10	LGD	1217	2 65	331,426	0 189	62,640	1.494	495,151	0 060%	438,402	0 001%	7,307	$5 02	$1,664,180
410	10	LGD	944	2.65	237,630	0.202	48,001	1.002	238,106	0.070%	366,719	0.000%	0	$5 39	$1,282,643
410	10	LGD	1214	2.65	934,535	0.248	231,765	2.774	2,592,399	0.030%	618,088	0.001%	20,603	$5.42	$5,069,713
410	10	LGD	1209	2.65	205,701	0.181	37,232	0.805	165,589	0.090%	408,143	0 002%	9,070	$5.56	$1,145,297
410	10	LGD	962	2.65	76,219	0 14	10,671	1.4	106,706	0.160%	268,853	0 001%	1,680	$6 96	$531,124
410	10	LGD	961	2 65	61,346	0.173	10,613	0.615	37,728	0.160%	216,392	0.002%	2,705	$7 32	$449,445
410	10	LGD	1212	2.65	787,999	0.271	213,548	1.118	880,983	0 120%	2,084,687	0.005%	86,862	$7.91	$6,233,523
410	10	LGD	1218	2 65	246,347	0.238	58,631	1 542	379,867	0.140%	760,342	0 007%	38,017	$8 02	$1,976,778
SUBTOTAL		LGD			2,953,594	0.232	685,333	1.668	4,926,427	0.081%	5,289,301	0.003%	167,840	$6.34	$18,715,600
CUMULATIVE TOTAL		LGD			15,394,870	0.268	4,122,375	1.897	29,197,510	0.103%	34,847,452	0.004%	1,432,706	$7.55	$116,270,553
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
410	10	HGD	1219	2.65	177,283	0.29	51,412	2.295	406,865	0 180%	703,517	0 003%	11,725	$10.12	$1,795,614
410	10	HGD	1221	2.65	493,723	0 592	292,284	1.082	534,209	0 050%	544,236	0.000%	0	$11 13	$5,497,752
410	10	HGD	1220	2.65	375,519	0.363	136,314	1 94	728,507	0 210%	1,738,543	0.016%	132,460	$12 04	$4,525,371
410	10	HGD	1198	2.65	680,551	0 421	286,512	4.417	3,005,993	0.170%	2,550,605	0.008%	120,028	$12.41	$8,456,685
410	10	HGD	1208	2.65	290,879	0.502	146,021	4.15	1,207,149	0.130%	833,662	0.001%	6,413	$12 55	$3,655,675
410	10	HGD	946	2 65	165,795	0 547	90,690	1 02	169,110	0 160%	584,823	0 005%	18,276	$13 42	$2,226,522
410	10	HGD	1215	2.65	439,122	1.04	456,687	3.586	1,574,691	0.260%	2,517,052	0 002%	19,362	$24 68	$10,836,272
410	10	HGD	1216	2 65	582,413	1.188	691,906	3 979	2,317,420	0 390%	5,007,595	0 004%	51,360	$30 71	$17,895,181
410	10	HGD	1213	2.65	628,464	0.207	130,092	90.935	57,149,367	0 310%	4,295,125	0 001%	13,855	$31.60	$20,033,647
SUBTOTAL		HGD			3,833,749	0.595	2,281,918	17.501	67,093,313	0.222%	18,775,157	0.004%	373,480	$19.54	$74,922,719
CUMULATIVE TOTAL		HGD			29,600,781	0.686	20,309,401	5.093	150,751,971	0.239%	156,010,555	0.006%	3,965,252	$18.74	$554,753,794
BENCH TOTAL		HGD/LGD			6,787,344	0.437	2,967,251	10.611	72,019,740	0.161%	24,064,458	0.004%	541,319	$13.80	$93,638,319
CUM. BENCH TOTAL		HGD/LGD			44,995,651	0.543	24,431,776	3.999	179,949,481	0.192%	190,858,007	0.005%	5,397,957	$14.91	$671,024,346

ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
400															
400	10	UDF		2.65	401,507	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			401,507										
CUMULATIVE TOTAL		UDF			1,393,330										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
400	10	WST	1214	2.65	1,157,623	0.052	60,196	0.49	567,235	0.000%	0	0.001%	25,521	$0.00	$1,092,750
400	10	WST	1213	2.65	743,611	0.111	82,541	3.378	2,511,917	0.030%	491,814	0.002%	32,788	$3.34	$2,494,645
SUBTOTAL		WST			1,901,234	0.075	142,737	1.620	3,079,152	0.012%	491,814	0.001%	58,309	$1.89	$3,587,396
CUMULATIVE TOTAL		WST			10,415,386	0.104	1,083,863	1.246	12,975,249	0.032%	7,401,936	0.004%	953,588	$2.84	$29,535,489
														$0.00	$0
400	10	LGD	1212	2.65	838,456	0.108	88,876	1.185	993,570	0.130%	2,403,019	0.001%	18,485	$5.54	$4,651,491
400	10	LGD	1221	2.65	542,990	0.285	154,752	0.897	487,062	0.060%	718,252	0.000%	0	$6.43	$3,493,385
400	10	LGD	1217	2.65	331,936	0.241	79,997	1.329	441,143	0.090%	658,614	0.002%	14,636	$6.64	$2,206,664
400	10	LGD	944	2.65	233,366	0.288	67,210	1.485	346,549	0.090%	463,036	0.001%	5,145	$7.43	$1,735,765
400	10	LGD	1208	2.65	326,230	0.302	98,522	1.896	618,533	0.080%	575,371	0.003%	21,576	$7.47	$2,439,518
400	10	LGD	1209	2.65	279,988	0.248	69,437	1.079	302,107	0.140%	864,175	0.002%	12,345	$8.08	$2,263,232
400	10	LGD	1219	2.65	220,958	0.289	63,857	4.123	911,010	0.110%	535,841	0.002%	9,743	$8.57	$1,897,043
400	10	LGD	961	2.65	114,212	0.264	30,152	1.005	114,783	0.160%	402,871	0.001%	2,518	$8.87	$1,013,685
400	10	LGD	1199	2.65	90,802	0.274	24,880	0.853	77,454	0.160%	320,294	0.004%	8,007	$9.00	$817,474
400	10	LGD	1216	2.65	594,672	0.41	243,815	0.798	474,548	0.090%	1,179,923	0.002%	26,221	$9.24	$5,499,857
SUBTOTAL		LGD			3,573,611	0.258	921,497	1.334	4,766,760	0.103%	8,121,397	0.002%	118,676	$7.28	$26,018,113
CUMULATIVE TOTAL		LGD			18,968,481	0.266	5,043,872	1.791	33,964,270	0.103%	42,968,849	0.004%	1,551,381	$7.50	$142,288,665
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
400	10	HGD	1218	2.65	258,634	0.38	98,281	1.684	435,539	0.180%	1,026,341	0.001%	5,702	$11.43	$2,959,102
400	10	HGD	1220	2.65	374,274	0.441	165,056	1.371	513,129	0.200%	1,650,263	0.012%	99,016	$12.90	$4,829,798
400	10	HGD	1198	2.65	837,770	0.626	524,444	0.953	798,395	0.210%	3,878,625	0.005%	92,348	$16.06	$13,456,988
400	10	HGD	957	2.65	146,918	1.163	170,865	1.146	168,368	0.160%	518,237	0.001%	3,239	$23.35	$3,432,354
400	10	HGD	1215	2.65	444,207	2.076	922,173	6.47	2,874,018	0.330%	3,231,714	0.002%	19,586	$43.87	$19,500,472
SUBTOTAL		HGD			2,061,802	0.912	1,880,818	2.323	4,789,449	0.227%	10,305,180	0.005%	219,891	$21.43	$44,178,713
CUMULATIVE TOTAL		HGD			31,662,584	0.701	22,190,219	4.912	155,541,420	0.238%	166,315,735	0.006%	4,185,143	$18.92	$598,832,506
BENCH TOTAL		HGD/LGD			5,635,414	0.497	2,802,316	1.696	9,556,210	0.148%	18,426,577	0.003%	338,567	$12.46	$70,196,826
CUM. BENCH TOTAL		HGD/LGD			50,631,065	0.538	27,234,091	3.743	189,505,691	0.187%	209,284,584	0.005%	5,736,524	$14.64	$741,221,172

[illegible] ALL 1995 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

10-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
390															
390	10	UDF		2.65	525,891	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			525,891										
CUMULATIVE TOTAL		UDF			1,919,221										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
390	10	WST	1214	2.65	1,324,238	0.044	58,266	0.228	301,926	0.000%	0	0.001%	29,194	$0.76	$1,003,349
390	10	WST	1213	2.65	857,263	0.137	117,445	3.839	3,291,032	0.020%	377,988	0.004%	75,598	$3.59	$3,085,027
390	10	WST	1217	2.65	486,285	0.118	57,382	0.627	304,901	0.060%	643,245	0.003%	32,162	$3.69	$1,793,831
390	10	WST	1221	2.65	618,708	0.182	112,605	0.681	421,340	0.040%	545,607	0.001%	13,640	$4.18	$2,585,390
SUBTOTAL		WST			3,286,494	0.105	345,698	1.314	4,319,199	0.022%	1,566,839	0.002%	150,594	$2.58	$8,467,597
CUMULATIVE TOTAL		WST			13,701,881	0.104	1,429,561	1.262	17,294,448	0.030%	8,968,774	0.004%	1,104,183	$2.77	$38,003,086
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
390	10	LGD	1219	2.65	232,138	0.169	39,231	1.643	381,403	0.070%	358,243	0.002%	10,236	$5.00	$1,162,562
390	10	LGD	1220	2.65	374,491	0.191	71,528	0.794	297,346	0.080%	660,489	0.004%	33,024	$5.45	$2,041,195
390	10	LGD	1216	2.65	690,473	0.288	198,856	0.9	621,425	0.050%	761,115	0.004%	60,889	$6.20	$4,285,713
390	10	LGD	1199	2.65	196,618	0.227	44,632	0.545	107,157	0.120%	520,161	0.002%	8,669	$7.07	$1,391,462
390	10	LGD	961	2.65	139,645	0.161	22,483	0.912	127,356	0.160%	492,583	0.001%	3,079	$7.20	$1,005,272
390	10	LGD	1198	2.65	922,393	0.25	230,598	0.474	437,214	0.160%	3,253,640	0.003%	61,006	$8.53	$7,871,256
390	10	LGD	956	2.65	369,097	0.253	93,382	0.457	168,677	0.160%	1,301,951	0.001%	8,137	$8.58	$3,166,124
SUBTOTAL		LGD			2,924,855	0.240	700,710	0.732	2,140,579	0.114%	7,348,183	0.003%	185,040	$7.15	$20,923,575
CUMULATIVE TOTAL		LGD			21,893,336	0.262	5,744,582	1.649	36,104,849	0.104%	50,317,032	0.004%	1,736,421	$7.45	$163,212,240
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
390	10	HGD	1208	2.65	364,143	0.498	181,343	7.864	2,863,619	0.090%	722,517	0.001%	8,028	$12.19	$4,449,140
390	10	HGD	1218	2.65	316,640	0.358	113,357	2.388	756,136	0.250%	1,745,177	0.001%	6,981	$13.16	$4,170,604
390	10	HGD	1223	2.65	394,278	0.577	227,498	2.407	949,027	0.150%	1,303,850	0.007%	60,846	$13.93	$5,496,774
390	10	HGD	1215	2.65	447,002	0.751	335,699	3.942	1,762,083	0.140%	1,379,658	0.001%	9,855	$16.79	$7,510,266
390	10	HGD	957	2.65	203,332	0.784	159,412	2.055	417,846	0.160%	717,230	0.001%	4,483	$17.48	$3,551,808
390	10	HGD	944	2.65	281,734	0.777	218,907	6.713	1,891,280	0.460%	2,857,135	0.002%	12,422	$26.62	$7,507,530
SUBTOTAL		HGD			2,007,129	0.616	1,236,217	4.306	8,639,993	0.197%	8,725,568	0.002%	102,616	$16.29	$32,686,123
CUMULATIVE TOTAL		HGD			33,669,713	0.696	23,426,436	4.876	164,181,413	0.236%	175,041,302	0.006%	4,287,757	$18.76	$631,618,629
BENCH TOTAL		HGD/LGD			4,931,984	0.393	1,936,927	2.186	10,780,571	0.148%	16,073,760	0.003%	287,656	$10.87	$53,609,698
CUM. BENCH TOTAL		HGD/LGD			55,563,048	0.525	29,171,018	3.606	200,286,262	0.184%	225,358,334	0.006%	6,024,179	$14.31	$794,830,870

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY
250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
380															
380	10	UDF		2.65	960,661	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			960,661										
CUMULATIVE TOTAL		UDF			2,879,882										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
380	10	WST	1214	2.65	2,166,457	0.077	166,817	0.594	1,286,876	0.000%	0	0.001%	47,762	$1.37	$2,965,534
380	10	WST	1216	2.65	724,297	0.176	127,476	0.485	351,284	0.050%	798,399	0.002%	31,936	$4.31	$3,125,099
380	10	WST	1199	2.65	447,960	0.162	72,569	0.571	255,785	0.070%	691,307	0.005%	49,379	$4.66	$2,087,323
SUBTOTAL		WST			3,338,714	0.110	366,863	0.567	1,893,945	0.020%	1,489,706	0.002%	129,077	$2.46	$8,177,956
CUMULATIVE TOTAL		WST			17,040,594	0.105	1,796,424	1.126	19,188,393	0.028%	10,458,480	0.003%	1,233,260	$2.71	$46,181,042
														$0.00	$0
														$0.00	$0
														$0.00	$0
380	10	LGD	1221	2.65	589,753	0.287	169,259	0.444	261,850	0.020%	260,036	0.001%	13,002	$5.26	$3,104,337
380	10	LGD	1220	2.65	375,959	0.201	75,568	0.915	344,002	0.070%	580,193	0.004%	33,154	$5.36	$2,016,051
380	10	LGD	961	2.65	137,761	0.074	10,194	0.331	45,599	0.160%	485,938	0.001%	3,037	$5.67	$781,379
380	10	LGD	1217	2.65	701,297	0.234	164,104	1.18	827,531	0.090%	1,391,484	0.002%	30,922	$6.50	$4,560,196
380	10	LGD	1223	2.65	460,797	0.29	133,631	1.141	525,770	0.090%	914,295	0.001%	10,159	$7.39	$3,407,328
380	10	LGD	1219	2.65	415,691	0.266	110,574	4.417	1,836,106	0.100%	916,441	0.002%	18,329	$7.99	$3,327,523
380	10	LGD	956	2.65	401,718	0.306	122,926	1.019	409,351	0.160%	1,417,018	0.001%	8,856	$9.55	$3,837,976
380	10	LGD	1198	2.65	928,524	0.28	259,987	0.895	831,029	0.180%	3,684,676	0.017%	347,997	$9.66	$8,969,258
SUBTOTAL		LGD			4,011,501	0.261	1,046,242	1.267	5,081,240	0.109%	9,650,081	0.005%	465,456	$7.48	$30,004,048
CUMULATIVE TOTAL		LGD			25,904,837	0.262	6,790,825	1.590	41,186,089	0.105%	59,967,113	0.004%	2,201,877	$7.46	$193,216,290
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
380	10	HGD	1215	2.65	453,763	0.483	219,168	2.148	974,684	0.130%	1,300,489	0.002%	20,008	$11.81	$5,364,259
380	10	HGD	957	2.65	291,792	0.481	140,352	0.621	181,203	0.160%	1,029,264	0.001%	6,433	$12.28	$3,583,302
380	10	HGD	1218	2.65	324,663	0.324	105,191	8.781	2,850,870	0.190%	1,359,943	0.003%	21,473	$12.36	$4,018,591
380	10	HGD	944	2.65	281,702	1.381	389,030	7.263	2,046,001	0.640%	3,974,692	0.003%	18,631	$41.41	$11,674,093
SUBTOTAL		HGD			1,351,921	0.632	853,741	4.477	6,052,757	0.257%	7,664,388	0.002%	66,545	$18.23	$24,640,244
CUMULATIVE TOTAL		HGD			35,021,633	0.693	24,280,177	4.861	170,234,170	0.237%	182,705,690	0.006%	4,354,302	$18.74	$656,258,873
BENCH TOTAL		HGD/LGD			5,363,421	0.354	1,899,983	2.076	11,133,997	0.146%	17,314,469	0.004%	532,000	$10.19	$54,644,294
CUM. BENCH TOTAL		HGD/LGD			60,926,470	0.610	31,071,001	3.470	211,420,259	0.181%	242,672,803	0.006%	6,556,179	$13.94	$849,475,163

GEOLOGICAL CONSTRAINTS USED. ALL 1989 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
370															
370	10	UDF		2.65	387,827	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			387,827										
CUMULATIVE TOTAL		UDF			3,267,710										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
370	10	WST	960	2.65	1,478,793	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
370	10	WST	1221	2.65	553,770	0.064	35,441	0.378	209,325	0.010%	122,085	0.000%	0	$1.39	$768,554
370	10	WST	1214	2.65	1,708,229	0.111	189,613	1.786	3,050,898	0.020%	753,199	0.002%	75,320	$2.72	$4,661,681
370	10	WST	1216	2.65	759,532	0.163	123,804	0.341	259,000	0.020%	334,896	0.002%	33,490	$3.25	$2,466,362
SUBTOTAL		WST			4,500,324	0.078	348,858	0.782	3,519,223	0.012%	1,210,180	0.001%	108,810	$1.75	$7,896,598
CUMULATIVE TOTAL		WST			21,540,919	0.100	2,145,282	1.054	22,707,616	0.025%	11,668,661	0.003%	1,342,069	$2.51	$54,077,640
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
370	10	LGD	1220	2.65	383,229	0.209	80,095	0.686	262,895	0.060%	675,900	0.003%	25,346	$5.71	$2,190,636
370	10	LGD	1219	2.65	500,211	0.195	97,541	1.547	773,826	0.100%	1,102,774	0.001%	11,028	$6.23	$3,117,170
370	10	LGD	956	2.65	432,116	0.138	59,632	0.281	121,425	0.160%	1,524,244	0.002%	19,053	$6.69	$2,890,902
370	10	LGD	1217	2.65	721,031	0.302	217,751	0.945	681,374	0.090%	1,430,639	0.002%	31,792	$7.54	$5,439,642
SUBTOTAL		LGD			2,036,587	0.223	455,019	0.903	1,839,520	0.105%	4,733,557	0.002%	87,219	$6.70	$13,638,352
CUMULATIVE TOTAL		LGD			27,941,424	0.259	7,245,844	1.540	43,025,609	0.105%	64,700,670	0.004%	2,289,096	$7.40	$206,854,641
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
370	10	HGD	1218	2.65	327,511	0.28	91,703	4.46	1,460,697	0.220%	1,588,480	0.002%	14,441	$11.53	$3,781,537
370	10	HGD	1199	2.65	633,901	0.524	332,164	1.37	868,445	0.160%	2,236,018	0.008%	111,801	$13.13	$8,327,281
370	10	HGD	1198	2.65	922,095	0.466	429,696	2.062	1,901,359	0.210%	4,269,024	0.011%	223,616	$13.73	$12,664,094
370	10	HGD	944	2.65	342,528	0.538	184,280	4.124	1,412,587	0.250%	1,887,862	0.001%	7,551	$16.43	$5,633,624
370	10	HGD	1223	2.65	528,880	0.686	362,812	5.805	3,070,149	0.160%	1,865,567	0.007%	81,619	$16.70	$8,841,405
370	10	HGD	1215	2.65	458,478	0.707	324,144	2.824	1,294,742	0.220%	2,223,694	0.001%	10,108	$18.04	$8,276,696
370	10	HGD	957	2.65	369,193	0.854	315,291	0.596	220,039	0.160%	1,302,290	0.001%	8,139	$18.27	$6,746,155
SUBTOTAL		HGD			3,582,587	0.569	2,040,091	2.855	10,228,019	0.195%	15,372,936	0.006%	457,274	$15.15	$54,270,992
CUMULATIVE TOTAL		HGD			38,604,220	0.682	26,320,267	4.675	180,462,189	0.233%	199,078,626	0.006%	4,811,576	$18.41	$710,529,865
BENCH TOTAL		HGD/LGD			5,619,174	0.444	2,495,110	2.148	12,067,539	0.162%	20,106,493	0.004%	544,493	$12.09	$67,909,344
CUM. BENCH TOTAL		HGD/LGD			66,545,644	0.604	33,566,111	3.368	223,487,798	0.179%	262,779,296	0.006%	7,100,672	$13.79	$917,384,507

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
360															
360	10	UDF		2.65	1,580,162	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			1,580,162										
CUMULATIVE TOTAL		UDF			4,847,872										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
360	10	WST	1216	2.65	804,443	0.01	8,044	0.1	80,444	0.000%	0	0.000%	0	$0.18	$147,052
360	10	WST	1217	2.65	730,148	0.19	138,728	0.85	620,626	0.060%	965,820	0.003%	48,291	$4.89	$3,574,561
SUBTOTAL		WST			1,534,691	0.096	146,773	0.457	701,070	0.029%	965,820	0.001%	48,291	$2.43	$3,721,613
CUMULATIVE TOTAL		WST			23,075,510	0.099	2,292,055	1.014	23,408,686	0.025%	12,634,480	0.003%	1,390,360	$2.50	$57,799,253
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
360	10	LGD	1219	2.65	531,450	0.169	89,815	1.494	793,986	0.090%	1,054,480	0.002%	23,433	$5.52	$2,937,003
360	10	LGD	944	2.65	326,671	0.204	66,641	1.47	480,206	0.080%	576,148	0.001%	7,202	$5.80	$1,897,414
360	10	LGD	956	2.65	462,623	0.158	73,094	0.313	144,801	0.160%	1,631,853	0.001%	10,199	$7.02	$3,247,030
360	10	LGD	1198	2.65	930,113	0.29	269,733	0.605	562,718	0.100%	2,050,546	0.004%	82,022	$7.55	$7,024,284
360	10	LGD	1220	2.65	388,666	0.288	111,936	0.786	305,491	0.100%	856,861	0.004%	34,274	$7.56	$2,938,212
360	10	LGD	1221	2.65	508,960	0.471	239,720	0.767	390,372	0.030%	336,619	0.001%	11,221	$8.56	$4,361,354
SUBTOTAL		LGD			3,148,482	0.270	850,939	0.850	2,677,575	0.094%	6,506,506	0.002%	168,351	$7.12	$22,405,297
CUMULATIVE TOTAL		LGD			31,089,906	0.260	8,096,783	1.470	45,703,184	0.104%	71,207,176	0.004%	2,457,447	$7.37	$229,259,938
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
360	10	HGD	1218	2.65	327,717	0.3	98,315	3.204	1,050,004	0.180%	1,300,484	0.001%	7,225	$10.48	$3,437,511
360	10	HGD	1223	2.65	593,555	0.595	353,165	0.706	419,050	0.030%	392,569	0.002%	26,171	$10.54	$6,261,796
360	10	HGD	960	2.65	2,401,647	0.37	888,610	1.8	4,322,965	0.160%	8,471,551	0.013%	688,314	$10.75	$25,829,332
360	10	HGD	1199	2.65	832,685	0.352	293,105	2.054	1,710,336	0.170%	3,120,783	0.008%	146,860	$10.79	$8,990,385
360	10	HGD	957	2.65	408,696	0.416	170,018	0.868	354,748	0.160%	1,441,631	0.001%	9,010	$11.28	$4,613,965
360	10	HGD	1215	2.65	464,790	2.046	950,960	1.966	913,776	0.160%	1,639,495	0.001%	10,247	$37.73	$17,541,829
SUBTOTAL		HGD			5,029,090	0.548	2,764,172	1.744	8,770,879	0.148%	16,366,513	0.008%	887,827	$13.26	$66,674,818
CUMULATIVE TOTAL		HGD			43,633,309	0.666	29,074,439	4.337	189,233,068	0.223%	214,445,140	0.006%	5,699,403	$17.81	$777,204,684
BENCH TOTAL		HGD/LGD			8,177,572	0.441	3,606,111	1.400	11,448,454	0.127%	22,873,019	0.006%	1,056,178	$10.89	$89,080,115
CUM. BENCH TOTAL		HGD/LGD			74,723,216	0.497	37,171,222	3.144	234,936,252	0.173%	285,652,316	0.005%	8,156,850	$13.47	$1,006,464,622

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
350															
350	10	UDF		2.65	1,789,462	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			1,789,462										
CUMULATIVE TOTAL		UDF			6,637,333										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
350	10	WST	1217	2.65	798,498	0.155	123,767	0.935	746,596	0.070%	1,232,269	0.003%	52,812	$4.62	$3,694,764
SUBTOTAL		WST			798,498	0.155	123,767	0.936	746,596	0.070%	1,232,269	0.003%	52,812	$4.63	$3,694,764
CUMULATIVE TOTAL		WST			23,874,008	0.101	2,415,822	1.012	24,155,282	0.026%	13,866,750	0.003%	1,443,172	$2.58	$61,494,017
														$0.00	$0
														$0.00	$0
														$0.00	$0
350	10	LGD	1221	2.65	973,341	0.266	258,909	0.807	785,486	0.020%	429,169	0.001%	21,458	$5.00	$4,872,520
350	10	LGD	1223	2.65	662,019	0.293	193,972	0.797	527,629	0.020%	291,900	0.004%	58,380	$5.43	$3,600,016
350	10	LGD	956	2.65	498,656	0.128	63,828	0.495	246,835	0.160%	1,758,956	0.004%	43,974	$6.57	$3,279,354
350	10	LGD	1218	2.65	330,243	0.244	80,579	2.098	692,850	0.120%	873,673	0.001%	7,281	$7.68	$2,540,234
350	10	LGD	1219	2.65	564,686	0.267	150,771	2.486	1,403,809	0.120%	1,493,901	0.002%	24,898	$8.14	$4,600,614
350	10	LGD	957	2.65	446,666	0.226	100,946	0.484	216,186	0.160%	1,575,565	0.002%	19,695	$8.15	$3,640,236
350	10	LGD	1220	2.65	533,198	0.357	190,352	0.823	438,822	0.100%	1,175,499	0.003%	35,265	$8.67	$4,626,770
350	10	LGD	1199	2.65	1,846,206	0.302	557,554	2.006	3,703,490	0.130%	5,291,238	0.005%	203,509	$8.87	$16,394,288
SUBTOTAL		LGD			5,855,015	0.273	1,596,911	1.369	8,015,107	0.100%	12,889,902	0.003%	414,460	$7.44	$43,554,033
CUMULATIVE TOTAL		LGD			36,944,921	0.262	9,693,694	1.454	53,718,291	0.103%	84,097,079	0.004%	2,871,907	$7.38	$272,813,971
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
350	10	HGD	944	2.65	309,597	0.386	119,504	1.561	483,281	0.130%	887,306	0.001%	6,825	$10.13	$3,137,085
350	10	HGD	960	2.65	2,694,173	0.37	996,844	1.8	4,849,511	0.160%	9,503,403	0.013%	772,151	$10.75	$28,975,395
350	10	HGD	1215	2.65	742,301	0.713	529,261	4.262	3,163,688	0.130%	2,127,440	0.009%	147,284	$15.97	$11,865,826
SUBTOTAL		HGD			3,746,071	0.439	1,645,609	2.268	8,496,479	0.152%	12,518,149	0.011%	926,261	$11.74	$43,978,306
CUMULATIVE TOTAL		HGD			47,379,380	0.648	30,720,048	4.173	197,729,548	0.217%	226,963,289	0.006%	6,625,665	$17.33	$821,182,990
BENCH TOTAL		HGD/LGD			9,601,086	0.338	3,242,520	1.720	16,511,587	0.120%	25,408,052	0.006%	1,340,721	$9.12	$87,532,338
CUM. BENCH TOTAL		HGD/LGD			84,324,301	0.479	40,413,742	2.982	251,447,839	0.167%	311,060,367	0.005%	9,497,572	$12.97	$1,093,996,961

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED. ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1996 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
340															
340	10	UDF		2 65	1,951,819	0	0	0	0	0.000%	0	0.000%	0	$0 00	
SUBTOTAL		UDF			1,951,819										
CUMULATIVE TOTAL		UDF			8,589,152										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			23,874,008	0.101	2,415,822	1.012	24,155,282	0.026%	13,866,750	0.003%	1,443,172	$2.58	$61,494,017
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
340	10	LGD	1221	2.65	929,501	0.237	220,292	0 709	659,016	0.050%	1,024,598	0.001%	20,492	$5 34	$4,968,023
340	10	LGD	1223	2 65	724,887	0.292	211,667	0.677	490,748	0 020%	319,620	0 002%	31,962	$5 39	$3,911,094
340	10	LGD	1217	2 65	817,590	0.23	188,046	1 145	936,141	0 090%	1,622,229	0 002%	36,050	$6 43	$5,257,513
340	10	LGD	1199	2.65	1,968,132	0.219	431,021	0.938	1,846,108	0.120%	5,206,780	0.005%	216,949	$7.03	$13,845,436
340	10	LGD	1215	2 65	762,003	0.288	219,457	2.237	1,704,601	0.070%	1,175,949	0.003%	50,396	$7.04	$5,373,815
340	10	LGD	1218	2 65	339,451	0.233	79,092	2.166	735,251	0.120%	898,033	0.001%	7,484	$7 52	$2,556,098
340	10	LGD	956	2.65	543,218	0 309	167,854	0 791	429,685	0.160%	1,916,142	0.000%	0	$9 56	$5,188,804
SUBTOTAL		LGD			6,084,782	0.249	1,517,429	1.118	6,801,551	0.091%	12,163,361	0.003%	363,334	$6.76	$41,100,784
CUMULATIVE TOTAL		LGD			43,029,704	0.261	11,211,123	1.406	60,519,842	0.101%	96,260,430	0.003%	3,236,241	$7.30	$313,914,754
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
340	10	HGD	1219	2.65	597,034	0 378	225,679	2.71	1,617,963	0 130%	1,711,103	0.002%	26,325	$10.25	$6,123,748
340	10	HGD	960	2 65	2,898,941	0.352	1,020,427	1.424	4,128,092	0 160%	10,225,700	0 010%	639,106	$10 38	$30,098,774
340	10	HGD	957	2.65	485,903	0 445	216,227	0.415	201,650	0 160%	1,713,969	0.003%	32,137	$11 65	$5,663,750
340	10	HGD	1220	2 65	555,388	0 552	306,574	3.252	1,806,123	0.130%	1,591,746	0 013%	159,175	$13 16	$7,316,745
340	10	HGD	944	2.65	279,507	0.483	135,002	3 485	974,082	0 190%	1,170,792	0.001%	6,162	$13 78	$3,848,618
SUBTOTAL		HGD			4,816,773	0.395	1,903,909	1.812	8,727,908	0.155%	16,413,312	0.008%	862,906	$11.01	$53,051,635
CUMULATIVE TOTAL		HGD			52,196,153	0.625	32,623,957	3.955	206,457,456	0.211%	243,376,600	0.007%	7,488,568	$16.75	$874,234,625
BENCH TOTAL		HGD/LGD			10,901,555	0.314	3,421,338	1.425	15,529,459	0.119%	28,576,663	0.005%	1,226,239	$8.64	$94,152,418
CUM. BENCH TOTAL		HGD/LGD			95,225,857	0.460	43,835,080	2.804	266,977,298	0.162%	339,637,030	0.005%	10,723,810	$12.48	$1,188,149,379

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED. ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
330															
330	10	UDF		2.65	2,161,126	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			2,161,126										
CUMULATIVE TOTAL		UDF			10,750,279										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
330	10	WST	1202	2.65	749,533	0.115	86,196	0.621	465,460	0.080%	1,321,948	0.010%	165,244	$4.19	$3,140,873
330	10	WST	1215	2.65	772,743	0.184	142,185	1.1	850,017	0.050%	851,803	0.002%	34,072	$4.57	$3,536,088
330	10	WST	1223	2.65	794,656	0.222	176,414	1.187	943,257	0.030%	525,574	0.001%	17,519	$4.66	$3,701,216
SUBTOTAL		WST			2,316,932	0.175	404,795	0.975	2,258,734	0.053%	2,699,325	0.004%	216,835	$4.48	$10,380,176
CUMULATIVE TOTAL		WST			26,190,940	0.108	2,820,617	1.009	26,414,018	0.029%	16,566,075	0.003%	1,660,007	$2.74	$71,874,193
														$0.00	$0
														$0.00	$0
														$0.00	$0
330	10	LGD	956	2.65	603,319	0.056	33,786	0.2	120,664	0.160%	2,128,143	0.001%	13,301	$5.35	$3,230,002
330	10	LGD	1217	2.65	858,176	0.216	185,366	1.024	878,772	0.090%	1,702,756	0.002%	37,839	$6.17	$5,302,460
330	10	LGD	1220	2.65	582,660	0.296	172,467	0.964	561,684	0.080%	1,027,635	0.006%	77,073	$7.17	$4,181,390
330	10	LGD	1221	2.65	883,381	0.313	276,498	1.181	1,043,274	0.070%	1,363,284	0.001%	19,475	$7.22	$6,379,695
330	10	LGD	1199	2.65	1,963,438	0.251	492,823	1.185	2,326,674	0.110%	4,761,499	0.003%	129,859	$7.32	$14,388,336
330	10	LGD	1219	2.65	679,428	0.295	200,431	1.379	936,931	0.100%	1,497,880	0.001%	14,979	$7.80	$5,301,408
330	10	LGD	1218	2.65	352,753	0.248	87,483	3.575	1,261,093	0.150%	1,166,530	0.001%	7,777	$8.90	$3,142,326
330	10	LGD	960	2.65	2,464,876	0.312	769,041	0.745	1,836,333	0.160%	8,694,585	0.004%	217,365	$9.59	$23,638,410
SUBTOTAL		LGD			8,388,032	0.264	2,217,896	1.069	8,965,424	0.121%	22,342,292	0.003%	517,667	$7.82	$65,564,026
CUMULATIVE TOTAL		LGD			51,417,735	0.261	13,429,019	1.351	69,485,266	0.105%	118,802,722	0.003%	3,752,906	$7.38	$379,478,780
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
330	10	HGD	957	2.65	697,176	0.491	342,314	0.49	341,616	0.160%	2,459,214	0.002%	30,740	$12.41	$8,653,575
SUBTOTAL		HGD			697,176	0.491	342,314	0.490	341,616	0.160%	2,459,214	0.002%	30,740	$12.41	$8,653,575
CUMULATIVE TOTAL		HGD			52,893,329	0.623	32,966,271	3.910	206,799,072	0.211%	245,835,814	0.006%	7,519,309	$16.69	$882,[illegible],200
BENCH TOTAL		HGD/LGD			9,085,208	0.282	2,560,210	1.024	9,307,040	0.124%	24,801,507	0.003%	548,407	$8.17	$74,217,601
CUM. BENCH TOTAL		HGD/LGD			104,311,066	0.446	46,395,289	2.049	276,284,338	0.158%	364,438,536	0.005%	11,272,218	$12.10	$1,262,366,980

[illegible] CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
320															
320	10	UDF		2 65	2,418,524	0	0	0	0	0.000%	0	0 000%	0	$0 00	
SUBTOTAL		UDF			2,418,524										
CUMULATIVE TOTAL		UDF			13,168,803										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
320	10	WST	1215	2 65	781,054	0 135	105,442	0 647	505,342	0.010%	172,193	0 001%	17,219	$2 59	$2,021,929
320	10	WST	1221	2 65	803,596	0 166	133,397	0.607	487,783	0 030%	531,487	0.001%	17,716	$3 63	$2,916,693
320	10	WST	1217	2 65	870,683	0 163	141,921	1.13	983,872	0 060%	1,151,715	0.003%	57,586	$4 52	$3,938,190
SUBTOTAL		WST			2,466,333	0.155	380,761	0.805	1,976,997	0.034%	1,855,395	0.002%	92,521	$3.62	$8,876,813
CUMULATIVE TOTAL		WST			28,646,273	0.112	3,201,377	0.991	28,391,012	0.029%	18,421,470	0.003%	1,752,528	$2.82	$80,751,006
														$0.00	$0
														$0.00	$0
														$0.00	$0
320	10	LGD	1223	2.65	825,517	0 189	156,023	1.999	1,650,209	0 060%	1,091,971	0 001%	18,200	$5 13	$4,236,857
320	10	LGD	1202	2.65	809,447	0 134	108,466	0 738	597,372	0.110%	1,962,975	0 017%	303,369	$5 35	$4,329,271
320	10	LGD	1203	2.65	86,704	0.155	13,439	0 836	72,484	0.110%	210,264	0 002%	3,823	$5.70	$494,877
320	10	LGD	1199	2 65	2,042,146	0.252	514,621	0.685	1,398,870	0.120%	5,402,587	0.002%	90,043	$7.51	$15,336,087
320	10	LGD	956	2.65	717,083	0.205	147,002	0.2	143,417	0 160%	2,529,433	0.001%	15,809	$7.75	$5,557,136
320	10	LGD	1219	2 65	705,898	0 301	212,475	2.087	1,473,209	0 080%	1,400,613	0 002%	31,125	$7 77	$5,491,475
320	10	LGD	957	2.65	738,390	0.26	191,981	0.6	443,034	0.160%	2,604,592	0 002%	32,557	$8 72	$6,440,269
320	10	LGD	1220	2.65	603,084	0.364	219,523	1.068	644,094	0.100%	1,329,571	0.006%	79,774	$8.84	$5,333,588
SUBTOTAL		LGD			6,528,269	0.240	1,563,530	0.984	6,422,689	0.116%	16,532,006	0.004%	574,700	$7.23	$47,219,559
CUMULATIVE TOTAL		LGD			57,946,006	0.259	14,992,548	1.310	75,907,966	0.106%	135,134,728	0.003%	4,327,608	$7.36	$426,698,339
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
320	10	HGD	960	2 65	2,495,236	0.5	1,247,618	2.884	7,196,261	0.160%	8,601,677	0 019%	1,045,199	$13 07	$32,646,973
320	10	HGD	1218	2.65	364,801	0.471	171,821	4.084	1,489,848	0.250%	2,010,620	0.001%	8,042	$15 35	$5,603,928
SUBTOTAL		HGD			2,860,037	0.496	1,419,439	3.037	8,686,109	0.171%	10,612,296	0.017%	1,053,242	$13.37	$38,250,901
CUMULATIVE TOTAL		HGD			55,753,367	0.617	34,385,710	3.865	215,485,181	0.209%	256,648,111	0.007%	8,572,551	$16.52	$921,139,101
BENCH TOTAL		HGD/LGD			9,388,307	0.318	2,982,969	1.609	15,108,798	0.132%	27,344,302	0.008%	1,627,941	$9.10	$85,470,460
CUM. BENCH TOTAL		HGD/LGD			113,699,371	0.434	49,378,259	2.563	291,393,136	0.156%	391,782,838	0.005%	12,900,159	$11.85	$1,347,837,440

[illegible] NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
310															
310	10	UDF		2.65	2,521,913	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			2,521,913										
CUMULATIVE TOTAL		UDF			15,690,716										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
310	10	WST	1217	2.65	950,363	0.124	117,845	0.799	759,340	0.020%	419,038	0.002%	41,904	$2.72	$2,585,799
310	10	WST	1221	2.65	1,230,647	0.177	217,825	0.58	713,775	0.020%	542,622	0.002%	54,262	$3.52	$4,337,926
310	10	WST	1202	2.65	893,109	0.101	90,204	0.774	691,266	0.100%	1,968,966	0.011%	216,586	$4.55	$4,063,766
SUBTOTAL		WST			3,074,118	0.139	425,873	0.704	2,164,381	0.043%	2,930,625	0.005%	312,752	$3.57	$10,987,491
CUMULATIVE TOTAL		WST			31,720,392	0.114	3,627,261	0.963	30,656,394	0.031%	21,352,095	0.003%	2,065,280	$2.89	$91,738,496
														$0.00	$0
310	10	LGD	1200	2.65	483,686	0.163	78,841	0.6	290,211	0.090%	959,709	0.003%	31,990	$5.23	$2,531,242
310	10	LGD	1223	2.65	1,168,645	0.181	211,525	2.379	2,780,206	0.090%	2,318,776	0.001%	25,764	$5.91	$6,911,434
310	10	LGD	1215	2.65	788,941	0.297	234,315	4.437	3,500,531	0.050%	869,658	0.001%	17,393	$7.12	$5,624,982
310	10	LGD	1220	2.65	710,845	0.292	207,567	1.533	1,089,725	0.090%	1,410,428	0.002%	31,343	$7.51	$5,340,447
310	10	LGD	1199	2.65	1,637,801	0.258	422,553	1.492	2,443,599	0.120%	4,332,874	0.004%	144,429	$7.78	$12,748,329
310	10	LGD	1219	2.65	878,468	0.232	203,804	2.556	2,245,363	0.130%	2,517,693	0.001%	19,367	$7.87	$6,918,273
310	10	LGD	1201	2.65	14,340	0.238	3,413	3.454	49,532	0.140%	44,261	0.009%	2,845	$8.43	$121,105
310	10	LGD	948	2.65	42,772	0.233	9,966	1.523	65,141	0.160%	150,872	0.004%	3,772	$8.49	$363,170
310	10	LGD	947	2.65	5,117	0.24	1,228	2.039	10,433	0.160%	18,048	0.007%	790	$8.71	$44,602
310	10	LGD	949	2.65	381,139	0.28	106,719	3.026	1,153,326	0.160%	1,344,426	0.006%	50,416	$9.57	$3,650,304
SUBTOTAL		LGD			6,111,762	0.242	1,479,930	2.230	13,628,068	0.104%	13,966,746	0.002%	328,109	$7.24	$44,253,888
CUMULATIVE TOTAL		LGD			64,067,767	0.257	16,472,479	1.398	89,536,023	0.106%	149,101,474	0.003%	4,655,717	$7.35	$470,952,228
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
310	10	HGD	1203	2.65	386,278	0.377	145,627	0.829	320,224	0.160%	1,362,553	0.004%	34,064	$10.65	$4,115,318
310	10	HGD	1218	2.65	422,250	0.28	118,230	4.189	1,768,806	0.210%	1,954,893	0.003%	27,927	$11.20	$4,733,892
310	10	HGD	960	2.65	2,508,187	0.472	1,183,664	4.262	10,689,895	0.160%	8,847,360	0.019%	1,050,624	$12.92	$32,447,517
SUBTOTAL		HGD			3,316,716	0.436	1,447,721	3.853	12,778,925	0.166%	12,164,806	0.015%	1,112,616	$12.45	$41,296,728
CUMULATIVE TOTAL		HGD			59,070,082	0.607	35,833,432	3.864	228,264,106	0.206%	268,812,916	0.007%	9,685,166	$16.29	$962,435,829
BENCH TOTAL		HGD/LGD			9,428,468	0.311	2,927,652	2.801	26,406,993	0.126%	26,131,552	0.007%	1,440,724	$9.07	$85,550,616
CUM. BENCH TOTAL		HGD/LGD			123,127,839	0.426	52,306,910	2.581	317,800,129	0.154%	417,914,390	0.005%	14,340,883	$11.64	$1,433,388,057

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
300															
300	10	UDF		2.65	2,728,445	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			2,728,445										
CUMULATIVE TOTAL		UDF			18,419,161										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
300	10	WST	1221	2.65	1,242,244	0.086	106,833	0.215	267,082	0.010%	273,868	0.001%	27,347	$1.70	$2,118,967
300	10	WST	1215	2.65	824,362	0.15	123,654	1.1	906,798	0.040%	726,962	0.001%	18,174	$3.75	$3,096,558
300	10	WST	1223	2.65	1,201,577	0.207	248,727	1.437	1,726,667	0.040%	1,059,609	0.001%	26,490	$4.74	$5,703,900
SUBTOTAL		WST			3,268,183	0.147	479,214	0.888	2,900,547	0.029%	2,060,438	0.001%	72,051	$3.34	$10,919,425
CUMULATIVE TOTAL		WST			34,988,575	0.117	4,106,464	0.958	33,455,941	0.030%	23,412,532	0.003%	2,137,331	$2.93	$102,657,921
														$0.00	$0
300	10	LGD	1219	2.65	909,949	0.193	175,620	0.828	753,438	0.070%	1,404,264	0.002%	40,122	$5.21	$4,745,059
300	10	LGD	1202	2.65	992,852	0.15	148,928	0.522	518,269	0.110%	2,407,749	0.020%	437,772	$5.56	$5,518,465
300	10	LGD	1220	2.65	721,234	0.242	174,539	0.775	558,956	0.070%	1,113,033	0.002%	31,807	$5.99	$4,320,843
300	10	LGD	1218	2.65	435,200	0.136	59,187	1.513	658,457	0.130%	1,247,285	0.002%	19,189	$6.10	$2,656,696
300	10	LGD	1200	2.65	519,010	0.216	112,106	0.81	420,398	0.100%	1,144,220	0.004%	45,769	$6.40	$3,325,431
300	10	LGD	1201	2.65	89,388	0.237	21,185	1.626	145,344	0.100%	197,066	0.003%	5,912	$6.92	$618,961
300	10	LGD	947	2.65	17,619	0.192	3,383	0.876	15,435	0.160%	62,150	0.004%	1,554	$7.69	$135,481
300	10	LGD	1199	2.65	1,593,076	0.278	442,875	2.04	3,249,875	0.110%	3,863,340	0.006%	210,728	$7.94	$12,665,560
300	10	LGD	1203	2.65	657,098	0.207	136,019	0.933	613,073	0.180%	2,607,573	0.012%	173,838	$8.49	$5,581,534
300	10	LGD	948	2.65	48,667	0.281	13,675	1.583	77,040	0.160%	171,668	0.004%	4,292	$9.27	$451,436
SUBTOTAL		LGD			5,984,094	0.215	1,287,518	1.171	7,010,286	0.108%	14,218,349	0.007%	970,976	$6.69	$40,018,486
CUMULATIVE TOTAL		LGD			70,041,851	0.254	17,759,997	1.378	96,546,308	0.106%	163,319,823	0.004%	5,626,694	$7.30	$610,970,714
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
300	10	HGD	949	2.65	413,741	0.342	141,499	2.934	1,213,915	0.160%	1,459,425	0.008%	72,971	$10.54	$4,366,651
300	10	HGD	960	2.65	2,461,755	0.361	888,693	2.973	7,318,796	0.160%	8,683,573	0.044%	2,387,983	$10.86	$26,754,792
300	10	HGD	1217	2.65	947,893	0.477	452,145	2.029	1,923,275	0.150%	3,134,616	0.001%	20,897	$12.24	$11,611,882
SUBTOTAL		HGD			3,823,388	0.388	1,482,338	2.736	10,455,986	0.158%	13,277,615	0.029%	2,481,851	$11.18	$42,733,325
CUMULATIVE TOTAL		HGD			62,893,470	0.593	37,315,769	3.796	238,720,093	0.203%	282,090,531	0.009%	12,167,017	$16.98	$1,005,169,154
BENCH TOTAL		HGD/LGD			9,807,482	0.282	2,769,855	1.781	17,466,272	0.127%	27,495,964	0.016%	3,452,828	$8.44	$82,751,811
CUM. BENCH TOTAL		HGD/LGD			132,935,321	0.414	55,075,766	2.522	335,266,401	0.152%	445,410,354	0.006%	17,793,711	$11.41	$1,616,139,868

[illegible] ALL [illegible] DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY															
250m SEARCH RADIUS															
19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
290															
290	10	UDF		2 65	2,868,101	0	0	0	0	0 000%	0	0 000%	0	$0 00	
SUBTOTAL		UDF			2,868,101										
CUMULATIVE TOTAL		UDF			21,287,261										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
290	10	WST	1221	2 65	1,569,687	0 089	141,482	0 329	523,007	0 020%	700,931	0 001%	35,047	$2 05	$3,266,259
290	10	WST	1202	2 65	1,100,307	0 087	95,727	1	1,100,307	0 070%	1,698,031	0 023%	557,924	$3 54	$3,903,891
290	10	WST	1201	2 65	169,155	0 113	19,115	1 297	219,394	0 070%	261,046	0 002%	7,458	$4 03	$681,936
SUBTOTAL		WST			2,859,149	0.090	256,323	0.644	1,842,708	0.042%	2,660,008	0.010%	600,429	$2.75	$7,852,086
CUMULATIVE TOTAL		WST			37,847,724	0.115	4,362,788	0.933	35,298,649	0.031%	26,072,540	0.003%	2,737,760	$2.92	$110,510,007
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
290	10	LGD	1203	2.65	870,815	0 118	102,756	0 503	438,020	0.110%	2,111,799	0 016%	307,171	$5 04	$4,388,433
290	10	LGD	1220	2.65	723,784	0 233	168,642	0 646	467,564	0 090%	1,436,102	0.003%	47,870	$6.37	$4,609,749
290	10	LGD	1200	2 65	530,485	0 215	114,054	1 317	698,649	0.100%	1,169,519	0.006%	70,171	$6 50	$3,449,586
290	10	LGD	1219	2 65	943,068	0 162	152,777	4 014	3,785,475	0 110%	2,287,017	0.003%	62,373	$6 51	$6,148,230
290	10	LGD	1199	2 65	1,563,882	0.269	420,684	1.412	2,208,201	0 140%	4,826,871	0 006%	206,866	$8 49	$13,283,996
290	10	LGD	1218	2 65	672,795	0.213	143,305	1.322	889,435	0 200%	2,966,516	0 002%	29,665	$9 22	$6,208,171
290	10	LGD	949	2.65	453,493	0.277	125,618	3 043	1,379,981	0 160%	1,599,649	0 006%	79,962	$9 52	$4,323,089
SUBTOTAL		LGD			5,758,323	0.213	1,227,837	1.714	9,867,326	0.129%	16,397,473	0.006%	804,099	$7.37	$42,411,264
CUMULATIVE TOTAL		LGD			75,800,174	0.250	18,987,833	1.404	106,413,634	0.108%	179,717,296	0.004%	6,430,792	$7.30	$553,381,978
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
290	10	HGD	948	2.65	56,656	0.305	17,280	5.571	315,630	0.160%	199,848	0.010%	12,490	$10 52	$597,112
290	10	HGD	947	2.65	30,675	0 357	10,951	1.825	55,982	0.160%	108,204	0 005%	3,361	$10 54	$323,665
290	10	HGD	960	2 65	2,384,639	0 441	1,051,626	1 465	3,493,496	0.160%	8,411,556	0 032%	1,682,311	$11 82	$28,193,156
290	10	HGD	1223	2.65	1,214,241	0.559	678,761	4.402	5,345,091	0.100%	2,676,941	0.001%	26,769	$12 70	$15,436,572
SUBTOTAL		HGD			3,686,211	0.477	1,758,618	2.499	9,210,199	0.140%	11,396,548	0.021%	1,724,952	$12.09	$44,550,504
CUMULATIVE TOTAL		HGD			66,579,682	0.587	39,074,387	3.724	247,930,292	0.200%	293,487,079	0.009%	13,891,970	$15.77	$1,049,719,657
BENCH TOTAL		HGD/LGD			9,444,535	0.316	2,986,454	2.020	19,077,525	0.133%	27,794,021	0.012%	2,529,061	$9.21	$86,961,768
CUM. BENCH TOTAL		HGD/LGD			142,379,856	0.408	58,062,220	2.489	354,343,926	0.151%	473,204,375	0.006%	20,322,762	$11.26	$1,603,101,636

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
280															
280	10	UDF		2.65	4,244,027	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			4,244,027										
CUMULATIVE TOTAL		UDF			25,531,288										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
280	10	WST	1219	2.65	977,832	0.099	98,805	1.202	1,175,354	0.040%	862,299	0.001%	21,557	$2.95	$2,893,081
280	10	WST	1202	2.65	1,198,746	0.123	147,446	1	1,198,746	0.070%	1,849,945	0.021%	554,984	$4.12	$4,947,083
280	10	WST	1223	2.65	1,232,157	0.23	283,396	0.78	961,082	0.020%	543,287	0.002%	54,329	$4.42	$5,447,556
280	10	WST	1200	2.65	548,808	0.148	81,223	1.362	747,473	0.080%	967,926	0.004%	48,398	$4.88	$2,680,422
SUBTOTAL		WST			3,957,540	0.154	608,870	1.032	4,082,655	0.048%	4,223,458	0.008%	679,266	$4.03	$15,968,142
CUMULATIVE TOTAL		WST			41,805,264	0.119	4,971,658	0.942	39,381,304	0.033%	30,295,999	0.004%	3,417,027	$3.03	$126,478,149
														$0.00	$0
280	10	LGD	1221	2.65	1,613,019	0.243	391,964	4.802	7,745,718	0.020%	711,219	0.002%	71,122	$5.50	$8,895,857
280	10	LGD	1199	2.65	1,511,237	0.191	288,646	1.082	1,635,159	0.110%	3,664,875	0.005%	166,585	$6.34	$9,582,262
280	10	LGD	1217	2.65	1,247,443	0.287	358,016	0.77	960,531	0.070%	1,925,097	0.002%	55,003	$6.71	$8,374,589
280	10	LGD	1203	2.65	658,735	0.179	117,914	1.167	768,744	0.130%	1,887,938	0.016%	232,362	$6.71	$4,425,096
280	10	LGD	1218	2.65	681,919	0.225	153,432	1.051	716,697	0.120%	1,804,048	0.002%	30,067	$7.15	$4,879,918
280	10	LGD	949	2.65	493,413	0.146	72,038	2.477	1,222,184	0.160%	1,740,461	0.005%	54,389	$7.29	$3,602,833
280	10	LGD	1201	2.65	272,974	0.158	43,130	4.665	1,273,425	0.140%	842,527	0.006%	36,108	$7.41	$2,026,842
280	10	LGD	960	2.65	2,308,709	0.254	586,412	0.844	1,948,551	0.160%	8,143,722	0.029%	1,476,050	$8.68	$20,037,841
280	10	LGD	1220	2.65	737,944	0.334	246,473	0.849	626,515	0.120%	1,952,264	0.006%	97,613	$8.86	$6,541,454
280	10	LGD	947	2.65	48,983	0.277	13,568	2.007	98,309	0.160%	172,782	0.007%	7,559	$9.30	$455,783
SUBTOTAL		LGD			9,574,378	0.237	2,271,694	1.775	16,995,833	0.108%	22,844,932	0.011%	2,226,859	$7.19	$68,822,475
CUMULATIVE TOTAL		LGD			85,374,552	0.249	21,259,427	1.446	123,409,467	0.108%	202,562,228	0.005%	8,657,651	$7.29	$622,204,453
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
280	10	HGD	1204	2.65	490,169	0.342	167,638	6.493	3,182,668	0.140%	1,512,891	0.023%	248,546	$10.76	$5,286,918
280	10	HGD	948	2.65	70,872	0.423	29,979	13.695	970,587	0.160%	249,992	0.003%	4,687	$14.18	$1,008,076
SUBTOTAL		HGD			561,041	0.352	197,617	7.403	4,153,255	0.143%	1,762,883	0.020%	253,234	$11.22	$6,294,994
CUMULATIVE TOTAL		HGD			67,140,723	0.585	39,272,004	3.755	252,083,547	0.199%	295,249,963	0.010%	14,145,203	$15.73	$1,056,014,652
BENCH TOTAL		HGD/LGD			10,135,419	0.244	2,469,210	2.087	21,149,088	0.110%	24,607,816	0.011%	2,480,092	$7.41	$75,117,469
CUM. BENCH TOTAL		HGD/LGD			152,515,275	0.397	60,531,431	2.462	375,493,014	0.148%	497,812,191	0.007%	22,802,854	$11.00	$1,678,219,105

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
270															
270	10	UDF		2.65	3,151,225	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			3,151,225										
CUMULATIVE TOTAL		UDF			28,682,613										
														$0.00	$0
														$0.00	$0
270	10	WST	1219	2.65	1,014,175	0.089	90,262	0.7	709,923	0.030%	670,761	0.003%	67,076	$2.41	$2,446,041
270	10	WST	1200	2.65	558,002	0.104	58,032	1.164	649,514	0.050%	615,091	0.003%	36,905	$3.30	$1,844,914
270	10	WST	1199	2.65	1,471,510	0.094	138,322	0.727	1,069,788	0.060%	1,946,472	0.004%	129,765	$3.32	$4,892,660
270	10	WST	1218	2.65	712,014	0.105	74,761	0.607	432,192	0.060%	941,632	0.001%	15,697	$3.47	$2,474,537
270	10	WST	1201	2.65	368,282	0.093	34,064	0.598	219,037	0.070%	565,260	0.000%	0	$3.55	$1,302,516
270	10	WST	1220	2.65	743,809	0.165	122,728	0.368	273,722	0.030%	491,945	0.004%	65,593	$3.56	$2,648,623
270	10	WST	1223	2.65	1,243,531	0.218	271,090	0.947	1,177,624	0.030%	822,454	0.002%	54,830	$4.54	$5,646,269
SUBTOTAL		WST			6,109,323	0.129	789,260	0.742	4,531,800	0.045%	6,053,815	0.003%	369,866	$3.48	$21,255,560
CUMULATIVE TOTAL		WST			47,914,587	0.120	5,760,918	0.916	43,913,103	0.034%	36,349,813	0.004%	3,786,893	$3.08	$147,733,709
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
270	10	LGD	1202	2.65	1,286,352	0.127	163,367	1.077	1,385,401	0.130%	3,686,691	0.035%	992,571	$5.86	$7,540,088
270	10	LGD	1203	2.65	745,467	0.141	105,111	0.876	653,029	0.130%	2,136,513	0.017%	279,390	$6.04	$4,504,490
270	10	LGD	1204	2.65	591,938	0.178	105,365	2.939	1,739,705	0.100%	1,304,998	0.026%	339,299	$6.25	$3,708,250
270	10	LGD	948	2.65	80,627	0.101	8,143	1.06	85,465	0.160%	284,404	0.003%	5,333	$6.26	$505,253
270	10	LGD	949	2.65	519,468	0.106	55,064	1.544	802,058	0.160%	1,832,366	0.002%	22,905	$6.45	$3,352,332
270	10	LGD	960	2.65	2,244,433	0.151	338,909	0.6	1,346,660	0.160%	7,916,995	0.030%	1,484,437	$6.97	$15,642,173
270	10	LGD	947	2.65	68,788	0.188	12,932	2.513	172,865	0.160%	242,643	0.003%	4,550	$7.98	$549,283
SUBTOTAL		LGD			5,537,072	0.142	788,891	1.117	6,185,182	0.143%	17,404,610	0.026%	3,128,484	$6.47	$35,801,868
CUMULATIVE TOTAL		LGD			90,911,626	0.243	22,048,318	1.426	129,694,649	0.110%	219,966,838	0.006%	11,786,135	$7.24	$658,006,321
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
270	10	HGD	1217	2.65	1,253,100	0.375	469,913	1.028	1,288,187	0.190%	5,248,960	0.001%	27,626	$11.49	$14,400,797
270	10	HGD	1221	2.65	1,626,168	0.662	1,076,523	4.033	6,558,337	0.040%	1,434,033	0.001%	35,851	$12.62	$20,545,872
SUBTOTAL		HGD			2,879,269	0.537	1,546,436	2.725	7,846,524	0.105%	6,682,993	0.001%	63,477	$12.14	$34,946,668
CUMULATIVE TOTAL		HGD			70,019,991	0.583	40,818,440	3.712	259,930,071	0.196%	301,932,956	0.009%	14,208,680	$15.58	$1,090,961,320
BENCH TOTAL		HGD/LGD			8,416,341	0.277	2,335,327	1.667	14,031,706	0.130%	24,087,603	0.017%	3,191,961	$8.41	$70,748,537
CUM. BENCH TOTAL		HGD/LGD			160,931,616	0.391	62,866,757	2.420	389,524,720	0.147%	521,899,794	0.007%	25,994,815	$10.87	$1,748,967,641

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
260															
260	10	UDF		2.65	3,320,287	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			3,320,287										
CUMULATIVE TOTAL		UDF			32,002,800										
														$0.00	$0
														$0.00	$0
														$0.00	$0
260	10	WST	1199	2.65	1,435,527	0.03	43,066	0.2	287,105	0.030%	949,438	0.001%	31,648	$1.35	$1,942,459
260	10	WST	1221	2.65	1,627,683	0.089	144,864	0.274	445,985	0.010%	358,842	0.001%	35,884	$1.77	$2,876,079
260	10	WST	1203	2.65	561,397	0.071	39,859	1.581	887,569	0.080%	990,134	0.022%	272,287	$3.69	$2,073,870
260	10	WST	1218	2.65	752,178	0.104	78,227	0.426	320,428	0.070%	1,160,787	0.001%	16,583	$3.69	$2,779,361
260	10	WST	1200	2.65	527,252	0.138	72,761	1.447	762,934	0.050%	581,195	0.001%	11,624	$3.91	$2,064,332
260	10	WST	1204	2.65	473,915	0.118	55,922	1.574	745,943	0.080%	835,843	0.008%	83,584	$4.44	$2,108,137
SUBTOTAL		WST			5,377,953	0.081	434,698	0.642	3,449,964	0.041%	4,876,239	0.004%	451,610	$2.57	$13,844,238
CUMULATIVE TOTAL		WST			53,292,540	0.116	6,195,616	0.889	47,363,068	0.035%	41,226,053	0.004%	4,238,503	$3.03	$161,577,947
														$0.00	$0
260	10	LGD	1219	2.65	1,052,120	0.206	216,737	1.419	1,492,958	0.050%	1,159,762	0.002%	46,390	$5.00	$5,263,280
260	10	LGD	1202	2.65	1,334,425	0.111	148,121	0.949	1,266,370	0.120%	3,530,281	0.025%	735,475	$5.30	$7,073,241
260	10	LGD	960	2.65	2,180,048	0.097	211,465	0.76	1,656,837	0.160%	7,689,885	0.023%	1,105,421	$6.13	$13,377,212
260	10	LGD	948	2.65	86,611	0.108	9,354	1.445	125,153	0.160%	305,510	0.009%	17,185	$6.46	$559,833
260	10	LGD	1201	2.65	371,942	0.172	63,974	2.268	843,563	0.140%	1,147,986	0.014%	114,799	$7.12	$2,649,267
260	10	LGD	1220	2.65	744,330	0.277	206,179	1.362	1,013,778	0.100%	1,640,965	0.002%	32,819	$7.50	$5,589,603
260	10	LGD	947	2.65	91,219	0.191	17,423	3.642	332,221	0.160%	321,766	0.005%	10,055	$8.27	$755,457
260	10	LGD	949	2.65	551,697	0.207	114,201	3.732	2,058,935	0.160%	1,946,053	0.002%	24,326	$8.55	$4,721,890
260	10	LGD	1217	2.65	1,254,177	0.312	391,303	0.982	1,231,601	0.150%	4,147,474	0.002%	55,300	$9.36	$11,747,449
260	10	LGD	959	2.65	639,468	0.3	191,840	1.6	1,023,148	0.160%	2,255,653	0.010%	140,978	$9.58	$6,129,450
SUBTOTAL		LGD			8,306,037	0.189	1,570,698	1.330	11,044,563	0.132%	24,145,335	0.012%	2,282,748	$6.97	$57,866,682
CUMULATIVE TOTAL		LGD			99,217,661	0.238	23,618,916	1.417	140,639,212	0.112%	244,112,173	0.006%	14,066,883	$7.22	$715,873,003
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
260	10	HGD	1223	2.65	1,252,417	1.299	1,626,890	2.508	3,141,062	0.090%	2,484,993	0.002%	55,222	$23.91	$29,957,662
SUBTOTAL		HGD			1,252,417	1.299	1,626,890	2.508	3,141,062	0.090%	2,484,993	0.002%	55,222	$23.92	$29,957,662
CUMULATIVE TOTAL		HGD			71,272,408	0.596	42,445,329	3.691	263,071,133	0.194%	304,417,949	0.009%	14,263,902	$15.73	$1,120,918,982
BENCH TOTAL		HGD/LGD			9,558,454	0.335	3,197,487	1.484	14,185,625	0.126%	26,630,328	0.011%	2,337,970	$9.19	$87,824,343
CUM. BENCH TOTAL		HGD/LGD			170,490,070	0.387	66,064,245	2.368	403,710,345	0.146%	548,530,122	0.008%	28,332,785	$10.77	$1,836,791,985

[illegible] CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
250															
250	10	UDF		2.65	3,636,194	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			3,636,194										
CUMULATIVE TOTAL		UDF			35,638,995										
														$0.00	$0
														$0.00	$0
250	10	WST	1202	2.65	1,435,882	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
250	10	WST	1203	2.65	607,020	0.057	34,600	1.383	827,368	0.070%	936,773	0.049%	655,741	$3.14	$1,909,357
250	10	WST	1223	2.65	1,264,395	0.169	213,683	0.912	1,153,129	0.010%	278,751	0.003%	83,625	$3.19	$4,038,147
250	10	WST	1200	2.65	1,348,554	0.08	107,724	0.445	599,216	0.070%	2,078,048	0.001%	29,686	$3.31	$4,461,594
250	10	WST	1204	2.65	525,636	0.114	59,923	1.134	596,072	0.050%	579,414	0.007%	81,118	$3.46	$1,818,958
250	10	WST	1218	2.65	806,164	0.131	105,607	0.426	343,426	0.060%	1,066,371	0.001%	17,773	$3.85	$3,106,686
250	10	WST	1219	2.65	1,083,864	0.179	194,012	0.933	1,011,245	0.040%	955,804	0.001%	23,895	$4.18	$4,536,937
SUBTOTAL		WST			7,069,514	0.101	715,549	0.641	4,530,455	0.038%	5,895,160	0.006%	891,839	$2.81	$19,871,677
CUMULATIVE TOTAL		WST			60,362,056	0.114	6,911,165	0.860	51,893,523	0.035%	47,121,213	0.004%	5,130,342	$3.01	$181,449,624
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
250	10	LGD	960	2.65	2,141,628	0.085	182,038	0.901	1,929,607	0.160%	7,554,360	0.025%	1,180,369	$5.97	$12,794,641
250	10	LGD	947	2.65	115,070	0.134	15,419	1.344	154,654	0.160%	405,896	0.004%	10,147	$6.85	$789,336
250	10	LGD	1220	2.65	1,146,672	0.25	286,668	1.359	1,558,327	0.100%	2,527,976	0.002%	50,560	$7.07	$8,112,423
250	10	LGD	1201	2.65	462,216	0.186	85,972	3.806	1,759,195	0.140%	1,426,615	0.006%	61,141	$7.67	$3,552,725
250	10	LGD	1221	2.65	1,619,670	0.381	617,094	1.735	2,810,127	0.050%	1,785,378	0.001%	35,708	$7.88	$12,772,824
250	10	LGD	949	2.65	579,420	0.199	115,304	3.028	1,754,483	0.160%	2,043,840	0.003%	38,322	$8.27	$4,794,882
250	10	LGD	959	2.65	735,169	0.248	182,322	3.666	2,695,131	0.160%	2,593,231	0.008%	129,662	$9.19	$6,766,205
SUBTOTAL		LGD			6,799,844	0.218	1,484,818	1.862	12,661,522	0.122%	18,337,296	0.010%	1,505,907	$7.29	$49,583,037
CUMULATIVE TOTAL		LGD			106,017,505	0.237	25,103,734	1.446	153,300,736	0.112%	262,449,469	0.007%	15,574,790	$7.22	$765,456,040
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
250	10	HGD	948	2.65	91,928	0.541	49,733	3.179	292,239	0.160%	324,266	0.024%	48,640	$13.80	$1,269,332
250	10	HGD	1217	2.65	1,258,444	0.366	460,590	1.924	2,421,246	0.280%	7,768,292	0.002%	55,488	$14.02	$17,649,333
SUBTOTAL		HGD			1,350,372	0.378	510,323	2.009	2,713,485	0.272%	8,092,558	0.003%	104,128	$14.01	$18,918,665
CUMULATIVE TOTAL		HGD			72,622,780	0.591	42,955,653	3.660	265,784,617	0.195%	312,510,507	0.009%	14,368,030	$15.70	$1,139,837,647
BENCH TOTAL		HGD/LGD			8,150,218	0.245	1,995,142	1.886	15,375,007	0.147%	26,429,854	0.009%	1,610,035	$8.40	$68,501,702
CUM. BENCH TOTAL		HGD/LGD			178,640,285	0.381	68,059,387	2.346	419,085,352	0.146%	674,959,976	0.008%	29,942,820	$10.67	$1,905,293,686

[illegible] CONSTRAINTS USED. ALL 1995 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

18-12-96 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
240															
240	10	UDF		2.65	3,918,157	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			3,918,157										
CUMULATIVE TOTAL		UDF			39,567,162										
														$0.00	$0
														$0.00	$0
240	10	WST	1203	2.65	794,804	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
240	10	WST	1218	2.65	1,373,436	0.02	27,468	0.257	352,973	0.040%	1,211,162	0.001%	30,279	$1.48	$2,033,304
240	10	WST	1201	2.65	619,555	0.055	34,076	0.786	486,970	0.040%	546,353	0.004%	54,635	$2.16	$1,338,010
240	10	WST	1221	2.65	1,777,971	0.112	199,133	0.429	762,749	0.020%	783,950	0.001%	39,197	$2.44	$4,349,796
240	10	WST	1220	2.65	1,065,777	0.082	87,394	0.567	604,295	0.040%	939,853	0.001%	23,496	$2.54	$2,713,052
240	10	WST	1204	2.65	520,262	0.102	53,067	1.646	856,351	0.070%	802,886	0.019%	217,926	$3.93	$2,045,318
240	10	WST	1200	2.65	1,538,827	0.162	249,290	2.077	3,196,144	0.060%	2,035,517	0.002%	67,851	$4.71	$7,256,132
SUBTOTAL		WST			7,690,632	0.085	650,427	0.814	6,259,484	0.037%	6,319,722	0.003%	433,385	$2.57	$19,735,611
CUMULATIVE TOTAL		WST			68,052,686	0.111	7,561,592	0.855	58,153,007	0.036%	53,440,936	0.004%	5,563,727	$2.96	$201,185,235
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
240	10	LGD	960	2.65	3,170,864	0.071	225,131	1.068	3,386,483	0.160%	11,184,882	0.029%	2,027,260	$5.78	$18,346,241
240	10	LGD	947	2.65	202,527	0.142	28,759	1.173	237,564	0.160%	714,392	0.004%	17,860	$6.95	$1,407,697
240	10	LGD	949	2.65	609,662	0.15	91,449	1.126	686,479	0.160%	2,150,517	0.004%	53,763	$7.06	$4,309,676
240	10	LGD	1219	2.65	1,612,827	0.309	498,364	1.074	1,732,176	0.090%	3,200,104	0.002%	71,113	$7.68	$12,394,895
240	10	LGD	959	2.65	869,408	0.238	206,919	1.123	976,346	0.160%	3,066,744	0.014%	268,340	$8.48	$7,375,486
SUBTOTAL		LGD			6,465,289	0.163	1,050,622	1.086	7,019,049	0.143%	20,316,638	0.017%	2,438,336	$6.78	$43,833,994
CUMULATIVE TOTAL		LGD			112,482,794	0.233	26,164,356	1.425	160,319,783	0.114%	282,766,107	0.007%	18,013,126	$7.19	$809,290,034
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
240	10	HGD	1223	2.65	1,267,729	2.686	3,405,121	0.488	618,652	0.010%	279,486	0.001%	27,949	$43.56	$55,239,803
SUBTOTAL		HGD			1,267,729	2.686	3,405,121	0.488	618,652	0.010%	279,486	0.001%	27,949	$43.57	$55,239,803
CUMULATIVE TOTAL		HGD			73,890,509	0.627	46,360,774	3.605	266,403,269	0.192%	312,789,993	0.009%	14,395,979	$16.17	$1,195,077,450
BENCH TOTAL		HGD/LGD			7,733,018	0.576	4,455,743	0.988	7,637,700	0.121%	20,596,124	0.014%	2,466,285	$12.81	$99,073,798
CUM. BENCH TOTAL		HGD/LGD			186,373,303	0.389	72,515,130	2.280	426,723,052	0.145%	595,556,101	0.008%	32,409,105	$10.75	$2,004,367,484

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
230															
230	10	UDF		2.65	4,478,237	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			4,478,237										
CUMULATIVE TOTAL		UDF			44,035,389										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
230	10	WST	1203	2.65	798,727	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
230	10	WST	1220	2.65	940,283	0.056	52,656	0.898	844,374	0.040%	829,186	0.002%	41,459	$2.20	$2,068,951
230	10	WST	1201	2.65	833,002	0.078	64,974	0.57	474,811	0.070%	1,285,517	0.005%	91,823	$3.31	$2,756,138
230	10	WST	1200	2.65	1,714,442	0.094	161,158	1.035	1,774,448	0.070%	2,645,786	0.001%	37,797	$3.66	$6,289,025
230	10	WST	1204	2.65	535,035	0.147	78,650	2.914	1,559,091	0.070%	825,684	0.028%	330,274	$4.92	$2,639,799
SUBTOTAL		WST			4,819,488	0.074	357,438	0.966	4,652,724	0.053%	5,586,173	0.005%	501,352	$2.85	$13,753,912
CUMULATIVE TOTAL		WST			72,872,175	0.109	7,919,030	0.862	62,806,730	0.037%	59,027,108	0.004%	6,066,079	$2.95	$214,939,148
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
230	10	LGD	960	2.65	3,188,735	0.081	258,288	0.493	1,572,046	0.160%	11,247,917	0.019%	1,335,690	$5.82	$18,559,010
230	10	LGD	1219	2.65	2,265,886	0.228	518,622	2.121	4,805,944	0.100%	4,995,417	0.001%	49,954	$6.88	$15,608,861
230	10	LGD	949	2.65	1,130,752	0.14	158,305	1.467	1,658,813	0.160%	3,988,604	0.003%	74,786	$6.98	$7,896,242
230	10	LGD	959	2.65	935,408	0.201	188,017	0.816	763,293	0.160%	3,299,552	0.019%	391,822	$7.82	$7,315,679
230	10	LGD	1223	2.65	3,035,901	0.445	1,350,976	5.258	15,962,770	0.020%	1,338,602	0.001%	66,930	$8.85	$26,908,758
SUBTOTAL		LGD			10,666,682	0.234	2,472,208	2.346	24,762,866	0.107%	24,870,093	0.008%	1,919,183	$7.23	$76,288,650
CUMULATIVE TOTAL		LGD			123,039,476	0.233	28,626,664	1.504	186,082,649	0.113%	307,636,200	0.007%	19,932,309	$7.20	$885,678,584
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			73,890,509	0.627	46,360,774	3.606	266,403,269	0.192%	312,789,993	0.009%	14,396,979	$16.17	$1,195,077,450
BENCH TOTAL		HGD/LGD			10,566,682	0.234	2,472,208	2.346	24,762,866	0.107%	24,870,093	0.008%	1,919,183	$7.23	$76,288,650
CUM. BENCH TOTAL		HGD/LGD			196,929,966	0.381	74,987,338	2.293	451,485,918	0.143%	620,426,193	0.008%	34,328,288	$10.67	$2,080,656,034

[illegible] GEOLOGICAL CONSTRAINTS USED. ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
220															
220	10	UDF		2.65	4,485,103	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			4,485,103										
CUMULATIVE TOTAL		UDF			48,520,492										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
220	10	WST	1223	2.65	2,423,072	0.035	84,808	0.522	1,264,844	0.010%	534,195	0.001%	53,420	$0.95	$2,309,715
220	10	WST	1220	2.65	830,857	0.05	41,543	0.226	187,774	0.020%	366,345	0.001%	18,317	$1.40	$1,167,251
220	10	WST	1204	2.65	921,920	0.085	78,363	0.982	905,326	0.050%	1,016,242	0.015%	304,873	$2.96	$2,729,554
220	10	WST	1201	2.65	877,951	0.085	74,626	0.834	732,211	0.070%	1,354,884	0.006%	116,133	$3.48	$3,054,675
SUBTOTAL		WST			5,053,801	0.055	279,339	0.611	3,090,154	0.029%	3,271,666	0.004%	492,742	$1.83	$9,261,195
CUMULATIVE TOTAL		WST			77,925,976	0.105	8,198,369	0.846	65,895,885	0.036%	62,298,774	0.004%	6,557,822	$2.88	$224,200,343
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
220	10	LGD	1200	2.65	1,859,632	0.182	338,453	2.325	4,323,645	0.060%	2,459,870	0.002%	81,996	$5.08	$9,468,366
220	10	LGD	960	2.65	3,428,166	0.073	250,256	0.717	2,457,995	0.160%	12,092,487	0.021%	1,587,139	$5.74	$19,680,486
220	10	LGD	958	2.65	738,795	0.082	60,581	0.703	519,373	0.160%	2,606,018	0.001%	16,288	$5.88	$4,345,929
220	10	LGD	1219	2.65	2,275,699	0.188	427,831	1.04	2,366,727	0.130%	6,522,167	0.001%	50,171	$6.83	$15,552,919
220	10	LGD	949	2.65	1,188,877	0.177	210,431	4.484	5,330,925	0.160%	4,193,636	0.003%	78,631	$8.23	$9,798,583
220	10	LGD	959	2.65	1,170,234	0.233	272,664	6.008	7,030,765	0.160%	4,127,874	0.025%	644,960	$9.46	$11,091,056
SUBTOTAL		LGD			10,661,404	0.146	1,560,218	2.066	22,029,431	0.136%	32,002,052	0.010%	2,469,204	$6.66	$69,937,339
CUMULATIVE TOTAL		LGD			133,700,880	0.226	30,186,782	1.549	207,112,080	0.116%	339,638,252	0.008%	22,391,513	$7.15	$955,616,923
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			73,890,509	0.627	46,360,774	3.606	266,403,269	0.192%	312,789,883	0.009%	14,396,979	$16.17	$1,196,077,450
BENCH TOTAL		HGD/LGD			10,661,404	0.146	1,560,218	2.066	22,029,431	0.136%	32,002,052	0.010%	2,469,204	$6.56	$69,937,339
CUM. BENCH TOTAL		HGD/LGD			207,591,389	0.369	76,547,556	2.281	473,515,349	0.143%	652,428,246	0.008%	36,787,491	$10.36	$2,150,593,373

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
210															
210	10	UDF		2.65	4,496,025	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			4,496,025										
CUMULATIVE TOTAL		UDF			53,016,517										
														$0.00	$0
														$0.00	$0
														$0.00	$0
210	10	WST	1220	2.65	733,024	0.052	38,117	0.247	181,057	0.030%	484,812	0.001%	16,160	$1.72	$1,258,772
210	10	WST	1204	2.65	895,883	0.047	42,106	1.499	1,342,928	0.050%	987,541	0.032%	632,026	$2.46	$2,206,942
210	10	WST	1223	2.65	2,187,884	0.141	308,492	0.831	1,818,132	0.010%	482,345	0.001%	48,235	$2.72	$5,963,467
210	10	WST	1201	2.65	906,010	0.08	72,481	0.8	724,808	0.060%	1,198,445	0.004%	79,896	$3.11	$2,823,005
210	10	WST	1200	2.65	1,981,290	0.087	172,372	0.905	1,793,068	0.080%	3,494,394	0.001%	43,680	$3.80	$7,534,213
210	10	WST	1219	2.65	2,282,445	0.192	438,229	1.118	2,551,774	0.060%	3,019,154	0.001%	50,319	$4.98	$11,382,062
SUBTOTAL		WST			8,986,536	0.119	1,071,798	0.936	8,411,766	0.049%	9,666,691	0.004%	870,316	$3.47	$31,168,462
CUMULATIVE TOTAL		WST			86,912,512	0.107	9,270,167	0.855	74,307,651	0.038%	71,965,464	0.004%	7,428,138	$2.94	$255,368,805
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
210	10	LGD	958	2.65	207,652	0.046	9,552	0.529	109,848	0.160%	732,471	0.001%	4,578	$5.26	$1,093,352
210	10	LGD	949	2.65	1,239,583	0.088	109,083	1.705	2,113,488	0.160%	4,372,494	0.002%	54,656	$6.19	$7,684,643
210	10	LGD	955	2.65	12,307	0.141	1,735	0.74	9,107	0.160%	43,410	0.000%	0	$6.84	$84,169
210	10	LGD	959	2.65	1,225,954	0.147	180,215	1.016	1,245,569	0.160%	4,324,419	0.026%	702,718	$6.99	$8,577,409
210	10	LGD	960	2.65	3,437,908	0.115	395,359	3.351	11,520,428	0.160%	12,126,848	0.020%	1,515,856	$6.99	$24,050,432
SUBTOTAL		LGD			6,123,403	0.114	695,945	2.449	14,998,440	0.160%	21,599,642	0.017%	2,277,808	$6.78	$41,490,006
CUMULATIVE TOTAL		LGD			139,824,283	0.221	30,882,727	1.588	222,110,521	0.117%	361,237,893	0.008%	24,669,321	$7.13	$997,006,928
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
210	10	HGD	954	2.65	893,946	1	893,946	1.494	1,335,555	0.160%	3,153,298	0.000%	0	$136.10	$18,610,096
SUBTOTAL		HGD			893,946	1.000	893,946	1.494	1,335,555	0.160%	3,153,298	0.000%	0	$20.82	$18,610,096
CUMULATIVE TOTAL		HGD			74,784,455	0.632	47,254,720	3.580	267,738,824	0.192%	315,943,291	0.009%	14,395,979	$16.23	$1,213,687,546
BENCH TOTAL		HGD/LGD			7,017,349	0.227	1,589,891	2.328	16,333,996	0.160%	24,752,940	0.015%	2,277,808	$8.56	$60,100,101
CUM. BENCH TOTAL		HGD/LGD			214,608,738	0.364	78,137,446	2.283	489,849,345	0.143%	677,181,184	0.008%	39,065,299	$10.30	$2,210,693,474

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
200															
200	10	UDF		2.65	4,700,557	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			4,700,557										
CUMULATIVE TOTAL		UDF			57,717,075										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
200	10	WST	1201	2.65	1,384,476	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
200	10	WST	1204	2.65	870,219	0	0	0	0	0.000%	0	0.000%	0	$0.00	$0
200	10	WST	1223	2.65	1,972,871	0.04	78,915	0.238	469,543	0.010%	434,943	0.002%	86,989	$0.97	$1,915,929
200	10	WST	1220	2.65	825,977	0.024	19,823	0.31	256,053	0.020%	364,193	0.001%	18,210	$1.00	$830,334
200	10	WST	1200	2.65	2,062,824	0.063	129,958	0.717	1,479,045	0.060%	2,728,646	0.001%	45,477	$2.82	$5,825,921
SUBTOTAL		WST			7,116,367	0.032	228,696	0.310	2,204,641	0.022%	3,527,782	0.001%	150,676	$1.20	$8,572,184
CUMULATIVE TOTAL		WST			94,028,879	0.101	9,498,864	0.814	76,512,292	0.036%	76,493,247	0.004%	7,578,814	$2.81	$263,940,989
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
200	10	LGD	958	2.65	129,552	0.03	3,887	0.48	62,185	0.160%	456,980	0.001%	2,856	$5.00	$647,402
200	10	LGD	960	2.65	3,442,029	0.082	282,246	1.465	5,042,572	0.160%	12,141,384	0.027%	2,048,659	$6.05	$20,824,617
200	10	LGD	955	2.65	38,304	0.24	9,193	2.445	93,653	0.160%	135,113	0.000%	0	$8.80	$337,317
200	10	LGD	959	2.65	1,270,471	0.276	350,650	0.698	886,789	0.160%	4,481,450	0.034%	952,308	$9.00	$11,435,359
200	10	LGD	964	2.65	96,762	0.302	29,222	2.044	197,781	0.160%	341,316	0.001%	2,133	$9.71	$940,046
SUBTOTAL		LGD			4,977,117	0.136	676,198	1.262	6,282,979	0.160%	17,556,243	0.027%	3,006,166	$6.87	$34,184,741
CUMULATIVE TOTAL		LGD			144,801,400	0.218	31,567,925	1.577	228,393,500	0.119%	378,794,136	0.009%	27,675,477	$7.12	$1,031,190,669
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
200	10	HGD	1219	2.65	2,787,118	0.659	1,836,711	7.679	21,402,280	0.100%	6,144,536	0.002%	122,891	$15.02	$41,923,463
200	10	HGD	963	2.65	80,659	0.728	58,720	3.681	296,906	0.160%	284,516	0.001%	1,778	$16.91	$1,365,180
200	10	HGD	954	2.65	1,091,201	1	1,091,201	1.968	2,147,483	0.160%	3,849,093	0.001%	24,057	$72.26	$22,830,322
SUBTOTAL		HGD			3,958,978	0.754	2,986,632	6.023	23,846,670	0.118%	10,278,146	0.002%	148,726	$16.70	$66,118,965
CUMULATIVE TOTAL		HGD			78,743,433	0.638	50,241,351	3.703	291,585,494	0.188%	326,221,437	0.008%	14,544,704	$16.25	$1,279,806,530
BENCH TOTAL		HGD/LGD			8,936,095	0.410	3,661,829	3.372	30,129,649	0.141%	27,834,389	0.016%	3,154,882	$11.22	$100,303,726
CUM. BENCH TOTAL		HGD/LGD			223,544,833	0.366	81,799,276	2.326	519,978,994	0.143%	705,015,573	0.009%	42,220,181	$10.34	$2,310,997,200

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED. ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS. MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
190															
190	10	UDF		2 65	5,536,424	0	0	0	0	0 000%	0	0 000%	0	$0 00	
SUBTOTAL		UDF			5,536,424										
CUMULATIVE TOTAL		UDF			63,253,498										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
190	10	WST	1220	2.65	3,083,170	0.016	49,331	0.2	616,634	0.020%	1,359,444	0.000%	0	$0.85	$2,628,202
190	10	WST	1223	2 65	1,825,198	0 036	65,707	0.275	501,929	0 010%	402,387	0.002%	80,477	$0 91	$1,669,978
SUBTOTAL		WST			4,908,368	0.023	115,038	0.228	1,118,563	0.016%	1,761,830	0.001%	80,477	$0.88	$4,298,180
CUMULATIVE TOTAL		WST			98,937,246	0.097	9,613,901	0.785	77,630,856	0.035%	77,255,077	0.004%	7,659,291	$2.71	$268,239,169
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
190	10	LGD	1219	2.65	2,898,068	0.204	591,206	2.534	7,343,703	0.050%	3,194,569	0.002%	127,783	$5.21	$15,115,415
190	10	LGD	958	2.65	138,043	0.072	9,939	0.261	36,029	0 160%	486,931	0.001%	3,043	$5.62	$776,410
190	10	LGD	960	2.65	3,622,319	0.06	217,339	1.2	4,346,782	0.160%	12,777,338	0.024%	1,916,601	$5.63	$20,422,777
190	10	LGD	959	2.65	2,333,441	0.126	294,014	0.527	1,229,723	0.160%	8,230,960	0.019%	977,427	$6.55	$15,266,977
SUBTOTAL		LGD			8,991,870	0.124	1,112,498	1.441	12,956,238	0.126%	24,689,798	0.016%	3,024,853	$5.74	$51,601,580
CUMULATIVE TOTAL		LGD			153,793,269	0.212	32,670,422	1.569	241,349,738	0.119%	403,483,934	0.009%	30,700,330	$7.04	$1,082,792,249
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
190	10	HGD	964	2.65	95,924	0 385	36,931	3.04	291,609	0 160%	338,362	0 001%	2,115	$11.26	$1,080,954
190	10	HGD	955	2 65	74,958	0.466	34,930	3 18	238,365	0.160%	264,405	0 000%	0	$12 59	$944,625
190	10	HGD	963	2 65	99,780	1.051	104,868	7.733	771,596	0 160%	351,962	0 001%	2,200	$22 98	$2,295,988
190	10	HGD	954	2.65	1,250,453	1	1,250,453	2.338	2,923,560	0 160%	4,410,839	0.001%	27,568	$65 13	$26,264,023
SUBTOTAL		HGD			1,521,115	0.938	1,427,183	2.778	4,225,131	0.160%	6,365,568	0.001%	31,882	$20.11	$30,585,580
CUMULATIVE TOTAL		HGD			80,264,548	0.644	51,668,534	3.685	295,810,625	0.187%	331,587,006	0.008%	14,576,587	$16.33	$1,310,392,120
BENCH TOTAL		HGD/LGD			10,512,985	0.242	2,539,680	1.634	17,181,369	0.130%	30,055,366	0.013%	3,056,736	$7.82	$82,187,170
CUM. BENCH TOTAL		HGD/LGD			234,057,817	0.360	84,338,956	2.295	637,160,363	0.142%	735,070,939	0.009%	45,276,917	$10.22	$2,393,184,369

• [illegible] LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
180															
180	10	UDF		2.65	9,247,024	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			9,247,024										
CUMULATIVE TOTAL		UDF			72,500,523										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
180	10	WST	1223	2.65	1,653,602	0.034	56,222	0.919	1,519,660	0.000%	0	0.001%	38,456	$0.75	$1,238,382
SUBTOTAL		WST			1,653,602	0.034	56,222	0.919	1,519,660	0.000%	0	0.001%	38,456	$0.75	$1,238,382
CUMULATIVE TOTAL		WST			100,590,848	0.096	9,670,124	0.787	79,150,516	0.035%	77,255,077	0.003%	7,695,747	$2.68	$269,477,552
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
180	10	LGD	958	2.65	144,853	0.052	7,532	0.226	32,737	0.160%	510,954	0.001%	3,193	$5.29	$767,015
180	10	LGD	1219	2.65	4,790,811	0.187	895,882	1.403	6,721,507	0.080%	8,449,534	0.003%	316,858	$5.52	$26,446,425
180	10	LGD	959	2.65	3,512,392	0.101	354,752	0.668	2,346,278	0.160%	12,389,583	0.029%	2,245,612	$6.18	$21,707,566
180	10	LGD	964	2.65	102,778	0.16	16,444	0.99	101,750	0.160%	362,538	0.001%	2,268	$7.20	$739,984
180	10	LGD	963	2.65	119,084	0.206	24,531	1.01	120,275	0.160%	420,055	0.001%	2,625	$7.94	$945,993
180	10	LGD	955	2.65	131,009	0.256	33,538	0.952	124,721	0.160%	462,120	0.000%	0	$8.73	$1,144,366
SUBTOTAL		LGD			8,800,927	0.151	1,332,680	1.073	9,447,267	0.116%	22,594,785	0.013%	2,570,554	$5.88	$51,751,368
CUMULATIVE TOTAL		LGD			162,594,196	0.209	34,003,102	1.542	250,797,005	0.119%	426,078,719	0.009%	33,270,884	$6.98	$1,134,543,617
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
180	10	HGD	954	2.65	1,400,875	1.433	2,007,453	0.672	941,388	0.160%	4,941,434	0.000%	0	$27.59	$38,663,745
SUBTOTAL		HGD			1,400,875	1.433	2,007,453	0.672	941,388	0.160%	4,941,434	0.000%	0	$27.60	$38,663,745
CUMULATIVE TOTAL		HGD			81,666,423	0.657	53,676,987	3.634	296,752,013	0.187%	336,528,439	0.006%	14,576,587	$16.52	$1,349,055,865
BENCH TOTAL		HGD/LGD			10,201,801	0.327	3,340,133	1.018	10,388,665	0.122%	27,536,218	0.011%	2,570,554	$8.86	$90,415,113
CUM. BENCH TOTAL		HGD/LGD			244,259,619	0.369	87,679,089	2.242	547,549,018	0.142%	762,607,158	0.009%	47,847,471	$10.17	$2,483,599,482

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
170															
170	10	UDF		2.65	9,336,639	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			9,336,639										
CUMULATIVE TOTAL		UDF			81,837,162										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
170	10	WST	1223	2.65	1,497,270	0.04	59,891	0.985	1,474,811	0.020%	660,182	0.001%	33,009	$1.41	$2,112,730
SUBTOTAL		WST			1,497,270	0.040	59,891	0.985	1,474,811	0.020%	660,182	0.001%	33,009	$1.41	$2,112,730
CUMULATIVE TOTAL		WST			102,088,118	0.095	9,730,015	0.790	80,625,326	0.035%	77,915,269	0.003%	7,726,756	$2.66	$271,590,282
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
170	10	LGD	958	2.65	168,612	0.054	9,105	0.2	33,722	0.160%	594,760	0.000%	0	$5.32	$897,278
170	10	LGD	964	2.65	138,055	0.056	7,731	0.335	46,248	0.160%	486,974	0.001%	3,044	$5.38	$743,208
170	10	LGD	959	2.65	3,527,853	0.086	303,395	0.483	1,703,953	0.160%	12,444,122	0.039%	3,033,255	$5.90	$20,808,619
170	10	LGD	955	2.65	185,918	0.089	16,547	0.765	142,228	0.160%	655,807	0.000%	0	$6.01	$1,117,121
170	10	LGD	1219	2.65	4,797,658	0.258	1,237,796	1.16	5,565,283	0.080%	8,461,609	0.005%	528,851	$6.60	$31,705,128
170	10	LGD	963	2.65	122,685	0.232	28,463	0.578	70,912	0.160%	432,757	0.001%	2,705	$8.26	$1,014,229
SUBTOTAL		LGD			8,940,781	0.179	1,603,037	0.846	7,562,346	0.117%	23,076,029	0.018%	3,567,854	$6.30	$56,285,583
CUMULATIVE TOTAL		LGD			171,534,977	0.208	36,606,139	1.606	268,369,351	0.119%	449,164,748	0.010%	36,838,738	$6.94	$1,190,829,200
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
170	10	HGD	954	2.65	1,514,105	0.871	1,318,786	0.79	1,196,143	0.160%	5,340,843	0.000%	0	$18.58	$28,145,280
SUBTOTAL		HGD			1,514,105	0.871	1,318,786	0.790	1,196,143	0.160%	5,340,843	0.000%	0	$18.59	$28,145,280
CUMULATIVE TOTAL		HGD			83,179,528	0.661	54,994,773	3.582	297,948,156	0.186%	341,869,282	0.008%	14,676,687	$16.56	$1,377,201,145
BENCH TOTAL		HGD/LGD			10,454,886	0.279	2,921,822	0.838	8,758,489	0.123%	28,416,872	0.015%	3,567,854	$8.08	$84,430,863
CUM. BENCH TOTAL		HGD/LGD			254,714,606	0.356	90,600,911	2.184	656,307,607	0.141%	791,024,030	0.009%	51,416,324	$10.08	$2,568,030,344

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
160															
160	10	UDF		2.65	9,501,122	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			9,601,122										
CUMULATIVE TOTAL		UDF			91,338,284										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			102,088,118	0.095	9,730,015	0.790	80,625,326	0.035%	77,915,259	0.003%	7,728,756	$2.66	$271,590,282
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
160	10	LGD	955	2.65	272,447	0.047	12,805	0.291	79,282	0.160%	961,026	0.000%	0	$5.23	$1,424,628
160	10	LGD	1219	2.65	4,785,841	0.201	961,954	0.613	2,933,721	0.070%	7,385,673	0.006%	633,058	$5.29	$25,345,731
160	10	LGD	958	2.65	997,347	0.08	79,788	0.373	372,010	0.160%	3,518,033	0.000%	0	$5.78	$5,762,371
160	10	LGD	959	2.65	3,538,639	0.09	318,478	0.3	1,061,592	0.160%	12,482,167	0.035%	2,730,474	$5.92	$20,957,378
160	10	LGD	963	2.65	120,311	0.221	26,589	1.265	152,194	0.160%	424,385	0.000%	0	$8.24	$991,512
SUBTOTAL		LGD			9,714,585	0.144	1,399,613	0.473	4,598,798	0.116%	24,771,284	0.016%	3,363,532	$5.61	$54,481,620
CUMULATIVE TOTAL		LGD			181,249,562	0.204	37,005,752	1.451	262,958,150	0.119%	473,926,032	0.010%	40,202,269	$6.87	$1,245,310,820
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
160	10	HGD	964	2.65	194,418	0.363	70,574	3.606	701,070	0.160%	685,787	0.001%	4,286	$11.03	$2,146,292
160	10	HGD	954	2.65	1,957,209	0.481	941,418	0.969	1,896,536	0.160%	6,903,845	0.001%	43,149	$12.36	$24,185,041
SUBTOTAL		HGD			2,151,627	0.470	1,011,991	1.207	2,597,606	0.160%	7,589,632	0.001%	47,435	$12.24	$26,331,333
CUMULATIVE TOTAL		HGD			85,331,155	0.656	56,006,764	3.522	300,545,761	0.186%	349,468,914	0.008%	14,624,022	$16.46	$1,403,532,478
BENCH TOTAL		HGD/LGD			11,866,212	0.203	2,411,604	0.606	7,196,404	0.124%	32,360,916	0.013%	3,410,967	$6.81	$80,812,953
CUM. BENCH TOTAL		HGD/LGD			266,580,717	0.349	93,012,610	2.114	563,503,911	0.140%	823,384,945	0.009%	54,826,291	$9.94	$2,648,843,297

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-96 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
150															
150	10	UDF		2.65	17,541,666	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			17,541,666										
CUMULATIVE TOTAL		UDF			108,879,950										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
150	10	WST	958	2.65	1,013,328	0.033	33,440	0.2	202,666	0.160%	3,574,406	0.000%	0	$4.98	$5,050,306
SUBTOTAL		WST			1,013,328	0.033	33,440	0.200	202,666	0.160%	3,574,406	0.000%	0	$4.98	$5,050,306
CUMULATIVE TOTAL		WST			103,101,446	0.095	9,763,455	0.784	80,827,992	0.036%	81,489,665	0.003%	7,728,756	$2.68	$276,640,586
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
150	10	LGD	964	2.65	228,064	0.163	37,174	1.397	318,606	0.160%	804,472	0.000%	0	$7.33	$1,673,449
150	10	LGD	963	2.65	125,597	0.265	33,283	1.685	211,631	0.160%	443,031	0.001%	2,769	$9.03	$1,135,543
150	10	LGD	955	2.65	299,023	0.257	76,849	3.057	914,114	0.160%	1,054,772	0.001%	6,592	$9.20	$2,755,300
SUBTOTAL		LGD			652,685	0.226	147,307	2.213	1,444,351	0.160%	2,302,275	0.001%	9,361	$8.53	$5,564,292
CUMULATIVE TOTAL		LGD			181,902,246	0.204	37,153,058	1.454	264,402,501	0.119%	476,228,306	0.010%	40,211,631	$6.88	$1,250,875,112
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
150	10	HGD	954	2.65	2,180,106	1.34	2,921,342	1.032	2,249,869	0.160%	7,690,088	0.001%	48,063	$26.17	$57,082,761
SUBTOTAL		HGD			2,180,106	1.340	2,921,342	1.032	2,249,869	0.160%	7,690,088	0.001%	48,063	$26.18	$57,082,761
CUMULATIVE TOTAL		HGD			87,511,261	0.673	58,928,106	3.460	302,795,631	0.185%	357,149,002	0.008%	14,672,085	$16.69	$1,460,615,239
BENCH TOTAL		HGD/LGD			2,832,791	1.083	3,068,649	1.304	3,694,220	0.160%	9,992,363	0.001%	57,424	$22.11	$62,647,053
CUM. BENCH TOTAL		HGD/LGD			269,413,507	0.357	96,081,165	2.106	567,198,131	0.140%	833,377,308	0.009%	54,883,716	$10.06	$2,711,490,351

[illegible] LITHOLOGICAL CONSTRAINTS USED . ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
140															
140	10	UDF		2.65	17,790,836	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			17,790,836										
CUMULATIVE TOTAL		UDF			126,670,785										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			103,101,446	0.095	9,763,466	0.784	80,827,992	0.036%	81,489,685	0.003%	7,728,756	$2.68	$276,640,588
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
140	10	LGD	955	2.65	2,183,500	0.036	78,606	0.2	436,700	0.160%	7,702,060	0.001%	48,138	$5.03	$10,987,633
140	10	LGD	958	2.65	1,035,636	0.037	38,319	0.2	207,127	0.160%	3,653,095	0.000%	0	$5.05	$5,228,098
140	10	LGD	963	2.65	137,724	0.096	13,221	0.614	84,562	0.160%	485,805	0.001%	3,036	$6.09	$838,462
SUBTOTAL		LGD			3,356,860	0.039	130,146	0.217	728,390	0.160%	11,840,960	0.001%	51,174	$5.08	$17,054,193
CUMULATIVE TOTAL		LGD			185,259,106	0.201	37,283,204	1.431	265,130,890	0.120%	488,069,266	0.010%	40,262,806	$6.84	$1,267,929,305
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
140	10	HGD	964	2.65	251,174	0.392	98,460	8.319	2,089,520	0.160%	885,991	0.001%	5,537	$12.52	$3,150,425
SUBTOTAL		HGD			251,174	0.392	98,460	8.319	2,089,520	0.160%	885,991	0.001%	5,537	$12.54	$3,150,425
CUMULATIVE TOTAL		HGD			87,762,435	0.673	59,026,567	3.474	304,885,151	0.185%	358,034,993	0.008%	14,677,622	$16.68	$1,463,765,664
BENCH TOTAL		HGD/LGD			3,608,034	0.063	228,606	0.781	2,817,910	0.160%	12,726,951	0.001%	56,712	$5.60	$20,204,619
CUM. BENCH TOTAL		HGD/LGD			273,021,541	0.353	96,309,771	2.088	570,016,041	0.141%	846,104,259	0.009%	54,940,427	$10.01	$2,731,694,969

INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM	BENCH	POLYGON	HOLE		METRIC	AU	AU	AG	AG	COPPER	COPPER	MOLY	MOLY	$VAL	TOTAL
LEVEL	HEIGHT	MATERIAL	ID	DENSITY	TONNES	PPM	GRAMS	PPM	GRAMS	%	POUNDS	%	POUNDS	TONNE	VALUE
130															
130	10	UDF		2.65	18,584,009	0	0	0	0	0.000%	0	0.000%	0	$0.00	
SUBTOTAL		UDF			18,584,009										
CUMULATIVE TOTAL		UDF			145,254,794										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
130	10	WST	958	2.65	1,448,604	0.03	43,458	0.2	289,721	0.160%	5,109,796	0.001%	31,936	$4.93	$7,149,790
SUBTOTAL		WST			1,448,604	0.030	43,458	0.200	289,721	0.160%	5,109,796	0.001%	31,936	$4.94	$7,149,790
CUMULATIVE TOTAL		WST			104,550,051	0.094	9,806,913	0.776	81,117,713	0.038%	86,599,461	0.003%	7,760,692	$2.71	$283,790,378
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
130	10	LGD	964	2.65	1,226,115	0.03	36,783	0.8	980,892	0.160%	4,324,987	0.001%	27,031	$5.07	$6,213,508
130	10	LGD	963	2.65	140,142	0.127	17,798	0.913	127,949	0.160%	494,335	0.001%	3,090	$6.65	$932,260
SUBTOTAL		LGD			1,366,257	0.040	54,581	0.812	1,108,841	0.160%	4,819,322	0.001%	30,121	$5.23	$7,145,768
CUMULATIVE TOTAL		LGD			186,625,363	0.200	37,337,786	1.427	266,239,731	0.120%	492,888,589	0.010%	40,292,926	$6.83	$1,275,075,073
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			87,762,435	0.673	59,026,567	3.474	304,886,151	0.185%	358,034,993	0.008%	14,677,622	$16.68	$1,463,765,664
BENCH TOTAL		HGD/LGD			1,366,257	0.040	54,581	0.812	1,108,841	0.160%	4,819,322	0.001%	30,121	$5.23	$7,145,768
CUM. BENCH TOTAL		HGD/LGD			274,387,798	0.351	96,364,352	2.081	571,124,882	0.141%	850,923,581	0.009%	54,970,548	$9.98	$2,738,840,737

NO GEOLOGICAL OR LITHOLOGICAL CONSTRAINTS USED - ALL 1988 DRILL HOLES INCLUDED IN DATABASE WITH 1995 ASSAYS - MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES

BRONSON SLOPE RESOURCE - CORRECTED TOPOGRAPHY

250m SEARCH RADIUS

19-12-95 9:31 AM LEVEL	BENCH HEIGHT	POLYGON MATERIAL	HOLE ID	DENSITY	METRIC TONNES	AU PPM	AU GRAMS	AG PPM	AG GRAMS	COPPER %	COPPER POUNDS	MOLY %	MOLY POUNDS	$VAL TONNE	TOTAL VALUE
120															
120	10	UDF		2 65	19,497,730	0	0	0	0	0.000%	0	0 000%	0	$0 00	
SUBTOTAL		UDF			19,497,730										
CUMULATIVE TOTAL		UDF			164,752,524										
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		WST			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		WST			104,550,051	0.094	9,806,913	0.776	81,117,713	0.038%	86,599,461	0.003%	7,760,892	$2.71	$283,790,378
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
120	10	LGD	963	2.65	1,901,139	0.155	294,677	3.258	6,193,912	0.160%	6,706,064	0.001%	41,913	$7.61	$14,483,641
SUBTOTAL		LGD			1,901,139	0.155	294,677	3.258	6,193,912	0.160%	6,706,064	0.001%	41,913	$7.62	$14,483,641
CUMULATIVE TOTAL		LGD			188,526,502	0.200	37,632,462	1.445	272,433,644	0.120%	499,594,663	0.010%	40,334,838	$6.84	$1,289,658,713
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
														$0.00	$0
SUBTOTAL		HGD			0	0.000	0	0.000	0	0.000%	0	0.000%	0	$0.00	$0
CUMULATIVE TOTAL		HGD			87,762,435	0.673	59,026,567	3.474	304,885,151	0.185%	358,034,993	0.008%	14,677,622	$16.68	$1,463,765,664
BENCH TOTAL		HGD/LGD			1,901,139	0.156	294,677	3.258	6,193,912	0.160%	6,706,064	0.001%	41,913	$7.62	$14,483,641
CUM. BENCH TOTAL		HGD/LGD			276,288,937	0.350	96,659,029	2.090	677,318,794	0.141%	857,629,645	0.009%	55,012,461	$9.97	$2,753,324,378

[illegible] MOLYBDENUM VALUES ARE NOT INCLUDED IN TOTAL METAL VALUES