| | A CONTRACT OF A |
|------------------------------------|---|
| SU3-RECORDER RECEIVED M.R. # | FILMED LOG NO: JUN 1 5 1994 RD. ACTION. FILE NO: |

1993 DRILLING REPORT ON THE TREK 1-6 CLAIMS

Located in the Galore Creek area Liard Mining Division NTS 104G/3W 57° 03' North Latitude 131° 18' West Longitude

> GEOLOGICAL BRANCH ASSESSMENT REPORT

/1 -prepared for

WARNER VENTURES LTD.

-prepared by-Mark E. Baknes, P.Geo.

May, 1994

1993 DRILLING REPORT ON THE TREK 1-6 CLAIMS

TABLE OF CONTENTS

| | Page |
|------------------------------------|--------------|
| 1.0 INTRODUCTION | . 1./ |
| 2.0 LIST OF CLAIMS | . 1./ |
| 3.0 LOCATION, ACCESS AND GEOGRAPHY | . 2. |
| 4.0 PROPERTY EXPLORATION HISTORY | — - , |
| 4.1 Previous Work | . 3./ |
| 4.2 1993 Work Program | . 5. / |
| 5.0 REGIONAL GEOLOGY | . 5. / |
| 6.0 PROPERTY GEOLOGY | . 8. |
| 7.0 MINERALIZATION | |
| 7.1 Gully Zone | .11. / |
| 7.2 Wall Zone Area | .12. |
| 8.0 DIAMOND DRILLING | .13. / |
| 9.0 DISCUSSION | .16. |

APPENDICES

ſ

| Appendix | Α | Bibliography / |
|----------|---|-----------------------------|
| Appendix | В | Statement of Expenditures / |
| Appendix | С | Rock Sample Descriptions / |
| Appendix | D | Diamond Drill Logs / |
| Appendix | Ε | Certificates of Analysis / |
| Appendix | F | Geologist's Certificate / |

LIST OF TABLES

| | | <u>Page</u> |
|-------------|--------------------------------------|-------------|
| Table 2.0.1 | Claim Data | . 1./ |
| Table 7.2.1 | Wall Zone Area Sampling Results | .12. |
| Table 8.0.1 | 1993 Drill Hole Location Data | .13. |
| Table 8.0.2 | Weighted Averages Trek 1993 Drilling | .13. / |

LIST OF FIGURES

| | | | Page |
|--------|----------|---|----------|
| Figure | 1 | Location Map | . 1./ |
| Figure | 2 | Claim Map | . 2. / |
| Figure | 3 | Regional Mineral Occurrence Map | . 3. / |
| Figure | 4 | Regional Geology | . 6. / |
| Figure | 5 | Drill Hole Plan Geology and Geochemistry- | · |
| | | Gully Zone | -Pocket- |
| Figure | 6 | Gully Zone Drill Section: TRK93-1,2 | -Pocket- |
| Figure | 7 | Gully Zone Drill Section: TRK93-3,4 | -Pocket- |
| Figure | 8 | Gully Zone Drill Section: TRK93-5,6 | -Pocket- |
| Figure | 9 | Geochemistry - Southwest Quadrant | -Pocket- |

1.0 INTRODUCTION

The Trek 1-6 claims were staked in 1988 to cover favourable gold geochemistry on both sides of Sphaler Creek in the Liard Mining Division, approximately 160 kilometres northwest of Stewart in northwestern British Columbia (Figure 1). The Trek property was first explored by Kennco Explorations (Western) Ltd. for its copper potential following the discovery of the Galore Creek copper-gold porphyry deposit ten kilometres to the northwest in 1955. Limited exploration by Teck Corp. in the early 1980's yielded a strong gold soil geochemical anomaly associated with a major northeasterlytrending fault structure. Initial exploration of the Trek property by Lorica Resources Ltd. in 1988 resulted in the discovery of several zones of gold, silver and base metal mineralization. Follow-up work in 1989 confirmed a geochemical and geophysical signature over the Gully Zone along a strike length of 800 metres. In 1990, Equity Engineering Ltd. conducted a follow-up program for Lorica Resources Ltd. on the Trek property, consisting of prospecting, geological mapping, soil geochemistry and ground The discovery in recent years of several major qeophysics. precious metals occurrences elsewhere in the Galore Creek district have sparked renewed exploration interest throughout the area.

In 1993, Warner Ventures Ltd. conducted a six hole, 450 metre drilling program on the Trek claims focusing on the Gully Zone mineralization. Prospecting was also conducted to the west to follow up on encouraging contour soil geochemistry results from the 1990 work. Equity Engineering Ltd. has been retained to report on the results of this program.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims (Table 2.0.1) are owned by Pass Lake Resources Ltd.. Separate documents indicate that they are under option to Lorica Resources Ltd. Warner Ventures Ltd. has entered into a separate agreement with Lorica Resources to explore the Trek claims.

| | | | TABLE | 2.0.1 DATA | |
|---------------|--------|------------------|------------------|----------------------------------|----------------|
| Claim Name | | Record Number | No. of Units | Record | Expiry Year |
| Trek | 1 | 4528 | 20 | March 22, 1988 | 2004 |
| Trek Trek | 2 3 | 4529 4530 | 20 20 | March 22, 1988 March 22, 1988 | 2004 2004 |
| Trek Trek | 4 5 | 4531 4638 | 20 15 | March 22, 1988 June 13, 1988 | 2004 2004 |
| Trek | 6 | 5357 | $\frac{16}{111}$ | September 22, 1988 | 1999 |



The Trek claims enclose eight two-post claims (the Kim 38, 40 and 42 and Sphal 25, 27, 29, 31 and 33 claims) held by Consolidated Silver Standard Mines Limited since the early 1970's. The location of the Kim claims has been taken from assessment reports filed by Kennco in 1963 and Teck Corp. in 1980 and 1981. Three of the six posts of the Sphal claims were found in 1989 by Equity Engineering Ltd. personnel and were located relative to the Trek baseline by chain and compass survey. On the basis of this preliminary survey, there appears to be a claim gap between either the Sphal 31 and 33 claims or between the Sphal 29 and 31 claims.

The positions of the legal corner posts for the Trek 1-6 claims have been verified by field crews of Equity Engineering Ltd.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Trek 1-6 claims are located within the Coast Range Mountains approximately 160 kilometres northwest of Stewart and 110 kilometres south of Telegraph Creek in northwestern British Columbia. They lie within the Liard Mining Division, centred at 57° 03' north latitude and 131° 18' west longitude.

Access to the Trek property during the 1990 field program was provided by helicopter from the Porcupine River airstrip, located sixteen kilometres to the west of the Trek property, downstream along Sphaler Creek. It is serviced by charter aircraft from Smithers, Telegraph Creek or Wrangell and is suitable for aircraft up to the size of a Twin Otter.

On the Alaskan side of the border, Wrangell lies approximately eighty kilometres to the southwest, and provides a full range of services and supplies, including a commercial airport. The Stikine River has been navigated by 90-tonne barges upriver as far as Telegraph Creek, allowing economical transportation of heavy machinery and fuel to within thirty kilometres of the property.

The Trek 1-6 claims straddle Sphaler Creek, approximately fifteen kilometres above its confluence with the Porcupine River (Figure 2). Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 500 metres on Sphaler Creek to over 2000 metres on the northern boundary of the claim group. Sphaler Creek forms a deeply-incised canyon through much of the property. Tongues of valley glaciers descend to 1200 metres elevation.

Lower slopes are covered by a dense growth of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth. Above treeline, which occurs at approximately 1200 metres on south-facing slopes and 1050 metres on north-facing slopes, more open alpine



vegetation occurs.

The property lies in the wet belt of the Coast Range with annual precipitation between 380 190 and Mountains, centimetres (Kerr, 1948). Except during July, August and September, precipitation at higher elevations falls mainly as snow, with accumulations reaching three metres or more. Both summer and winter temperatures are moderate, ranging from -5°C in the winter to 20°C in the summer months.

4.0 PROPERTY MINING HISTORY

4.1 Previous Work

Kennco explored the Trek property for its copper potential following the discovery of the Galore Creek copper-gold porphyry deposit in 1955 (Figure 3). They conducted geological mapping, hand-trenching and copper stream geochemistry over most of what are now the Trek 1-6 claims, identifying six mineralized zones associated with monzonitic stocks and plugs. Assessment work filed by them omits all assays and trench results (Rayner and Ney, 1964).

Consolidated Silver Standard Mines Limited acquired the ground in the late 1960's. During 1970, 1600 feet of AQ drilling was carried out, with four holes testing the lower portion of the West Zone and three holes targeted at the North Zone. The West Zone drilling intersected lower grades than indicated by surface sampling, up to a maximum of approximately 0.34% copper over 15 metres. All holes on the North Zone were abandoned due to caving before intersecting the breccia zone (Milne, 1970).

Teck, under an option agreement with Silver Standard, ran magnetometer and soil geochemical surveys and did hand-trenching and geological mapping in 1980 and 1981. The soil grid, located south of Sphaler Creek between the West and Heel Zones, yielded twenty-five samples with greater than 100 parts per billion gold, but only limited follow-up work was done (Folk and Spilsbury, 1980; Folk, 1981). The majority of the Silver Standard claims were subsequently allowed to lapse, including those underlying the bulk of their gold soil geochemical anomaly. Silver Standard has maintained eight claims which cover four of the six copper zones described by Rayner (1964) and the sites of the 1970 drilling.

In 1988, Lorica Resources Ltd. carried out a preliminary exploration program on the Trek 1-5 claims, consisting of geological mapping, prospecting, stream sediment geochemistry, soil geochemistry, line-cutting and geophysical surveys targeted at the property's precious metal potential (Awmack and Yamamura, 1988). A soil grid was flagged on the west side of Trek Creek with crosslines 100 metres apart and perpendicular to a 1700-metre cut baseline oriented at 030° . Magnetometer and VLF-EM surveys were



carried out over this grid (Ashenhurst and Visser, 1988). Several zones of mineralization were discovered, including the Gully (copper-gold), Heel (copper-silver-gold-molybdenum), Toe (coppersilver-gold-zinc-lead) and East (silver-lead-gold-zinc) Zones.

Follow-up work was carried out in 1989 by Lorica, to further evaluate the Gully and Heel Zones and extend property-wide reconnaissance coverage (Caulfield, 1989). The baseline from the 1988 grid was extended 600 metres to the south to cover the Heel Zone mineralization and potential strike extensions of the Camp Zone from the Sphal 33 claim. Fill-in lines at 25 metre spacings were run from 1+25 North to 5+50 North with station spacing decreased to 12.5 metres over the probable extension of the Gully Magnetometer and VLF-EM surveys were completed over the Zone. entire grid (Visser, 1989). The geochemical and geophysical data confirmed 1988 results, indicating a possible strike length of 800 metres for the Gully Zone and a large gold-copper soil geochemical anomaly extending northwest from the Heel Zone. Four contour soil lines were run on the north side of Sphaler Creek to test for a projected strike extension of the Gully Zone. The North Sphaler Zone, a gold-bearing quartz-chlorite-sulphide vein, was found near one of the two anomalous areas on these lines and trenched. Four more trenches were blasted in the Gully Zone area in order to sample wallrock material and attempt to extend the Gully Zone along strike. The last objective could not be accomplished, due to deep weathering and overburden.

The 1990 field program was designed to prepare the Gully Zone for diamond drilling, find sources for the strong copper-gold soil geochemical anomalies near the Heel Zone, extend the soil geochemical and geophysical grid coverage over the Toe and East Zones and initiate reconnaissance exploration to the west of the Sphal claims. Two helicopter pads were cut on the Gully Zone and west of the Sphal claims to improve access to those areas.

At the south end of the grid, 50 metre infill lines were run to the east from the baseline between 12+00S and 19+00S. Further north, four more infill soil lines were run from 0+50N to 3+50S. Cut line 10+00S from the 1988 grid was extended eastward across Trek Creek and a second baseline was cut at 7+00E, oriented at 030° and extending from 12+00S to 2+00S. A contour soil line was run at 800 metres elevation to the west of the Sphal 27 claim, with 38 samples taken at 25 metre intervals.

Geological mapping was carried out over the Gully Zone at a scale of 1:500, over the southern grid region at 1:2500, the Grey and Heel Zones at a scale of 1:1000 and the Toe Zone at 1:250. Detailed prospecting and rock sampling was directed at discovering the sources for soil anomalies produced by the 1988 and 1989 geochemical surveys, particularly in the Heel Zone area. Limited prospecting was done elsewhere on the property, using topographic orthophotos at a scale of 1:5,000 for control. VLF-EM and magnetometer surveys were carried out over all new grid lines by S. J. Geophysics Ltd..

4.2 1993 Work Program

From September 14 to September 28, 1993, Warner Ventures Ltd. carried out a 450.1 metre diamond drilling and prospecting program on the Trek 1-6 claims. The drill program was aimed at intersecting both down dip and strike extensions of the coppergold-bearing massive sulphide mineralization exposed in the Gully Zone. A total of six holes were drilled from the east side of the structure from three drill setups. A limited prospecting program was concentrated in the Wall Zone area, west of the Sphal 29 claim, to follow up on encouraging results obtained from contour soils and rock samples collected during the 1990 program.

A total of 132 core samples were taken and split along intervals ranging from 0.2 to 2.4 metres. Samples were shipped to Chemex Labs Ltd. of Vancouver and analyzed geochemically for gold, silver, arsenic, bismuth, copper, mercury, molybdenum, lead, antimony and zinc by ICP. Samples with greater than 1000 ppb gold were assayed as were silver values greater than 30 ppm, and copper, lead, zinc and molybdenum values greater than 5000 ppm. Drill profiles and collar locations were surveyed using a hip chain, brunton compass and clinometer. All drill core from the 1993 program is stored on the property at the camp site. Drill logs are attached in the appendices as are analytical procedures and a complete set of analytical results.

A total of 26 rock samples were collected in the Wall Zone area west of the Sphal claims. These samples were plotted on a 1:5000 scale topographic base. Rock samples and core samples were analyzed using the same methods. Analytical procedures and a complete set of results and sample descriptions are included in the appendices.

5.0 REGIONAL GEOLOGY

The first geological investigations of the Stikine River in northwestern British Columbia began over a century ago when Russian geologists came to Russian North America assessing the area's mineral potential (Alaskan Geographic Society, 1979, <u>in</u> Brown and Gunning, 1989a), and was followed by the first Geological Survey of Canada foray of G.M. Dawson and R. McConnel in 1887. Several more generations of federal and provincial geologists have been sent to the Stikine, including Kerr (1948b), the crew of Operation Stikine (GSC, 1957), Panteleyev (1976), Souther (1972), Souther and Symons (1974), Monger (1977), and Anderson (1989). The British Columbia Geological Survey has recently completed regional mapping of the area at a scale of 1:50,000 by Brown and Gunning (1989a,b) and Logan and Koyanagi (1989a,b).

The Galore Creek Camp lies within the Intermontane Belt, a geological and physiographic province of the Canadian Cordillera, and flanks the Coast Plutonic Complex to the west (Figure 4). At Galore Creek, the generally northwest-trending structure of the Intermontane Belt is discordantly cut across by the northeasttrending Stikine Arch which became an important, relatively positive tectonic element in Mesozoic time when it began to influence sedimentation into the Bowser Successor Basin to the southeast and into the Whitehorse Trough to the northwest (Souther et al., 1974).

Stikinian stratigraphy ranges from possibly Devonian to Jurassic, and was subsequently intruded by granitoid plutons of Upper Triassic to Eocene age. The oldest strata exposed in the Galore Creek camp are Mississippian or older mafic to intermediate volcanic flows and pyroclastic rocks (Units 4A and 4B) with associated clastic sediments (Units 4C, 4D, 4G and 4J) and carbonate lenses (Unit 4E). These are capped by up to 700 metres of Mississippian limestone with a diverse fossil fauna (Unit 4E). It appears from fossil evidence that all of the Pennsylvanian system is missing and may be represented by an angular unconformity and lacuna of 30 million years, though field relationships are complicated by faulting (Monger, 1977; Logan and Koyanagi, 1989a). Permian limestones (Units 6A, 6B and 6C), also about 700 metres thick, lie upon the Mississippian limestone but are succeeded by a second lacuna amounting to about 20 million years from the Upper Permian to the upper Lower Triassic.

Middle and Upper Triassic siliciclastic and volcanic rocks (Unit 7) are overlain by Upper Triassic Stuhini Group siliciclastic (Units 8A and 8B) and volcanic (Units 8D, 8E, 8G, 8H and 8I) rocks, consisting of mafic to intermediate pyroclastic rocks and lesser flows. The Galore Creek porphyry copper deposit appears from field evidence to mark the edifice of an eroded volcanic centre with numerous sub-volcanic plutons of syenitic composition. Jurassic Bowser Basin strata onlap the Stuhini Group strata to the southeast of the Iskut River but, because of erosion and non-deposition, are virtually absent from the Galore Creek area.

The plutonic rocks follow a three-fold division (Logan and Koyanagi, 1989a,b). Middle Triassic to Late Jurassic syenitic and broadly granodioritic intrusions are partly coeval and cogenetic with the Stuhini Group volcanics and include the composite Hickman Batholith (Unit 9) and the syenites of the Galore Creek Complex (Unit 11). Jura-Cretaceous Coast Plutonic Complex intrusions (Unit 12) occur on the west side of the Galore Creek Camp, along the Stikine River, with the youngest of these intrusions occupying more axial positions along the trend of the Coast Plutonic Complex flanked by older intrusions. The youngest intrusives in the Galore Creek Camp are Eocene (quartz-) monzonitic plugs (Unit 13), felsic and mafic sills and dykes (Unit 14), and biotite lamprophyre



24

/

| | | Fault (observed, inferred) | ~~~~~~ | | 1 | |
|--|-----------------------------|--|--------------|-----------|--------------------|---------------|
| UTSI WELL-BEDDED GREEN AND MAROON LAPHLEASH TU | FFS AND EPICLASTICS | Thrust or high angle reverse fault (defined, assumed) | | | | |
| UTSD INTERMEDIATE TO MUSIC FRAGMENTALS, BRECCA, | TUFF, LAHAR | Anticline (direction of plunge Indicated): Syncline (direction of plunge indicated) | ** | | | |
| TS CARBONACEOUS SILTY SHALE WITH ELLIPTICAL CONC | RETIONS, SILICEOUS AND LIMY | Minor fold axis. (S, Z, and M symmetry), lineation | n n n | | | |
| STIKINE ASSEMBLAG | E | Dyke | | | 1 | |
| PI1 LIGHT GREY MASSIVE TO THICKLY BEDDED BUFF, BKX | LASTIC CALCARENITE | Vein. | * * | | | 7 1/ 1 |
| P12 DARK GREY TO BUFF THIN BEDDED, BKOCLASTIC LIMES | TONE, CHEAT INTERBEDS, | Limit of geologic mapping (limit of permanent snow and ice) | | Km 0 .5 | | <u>_</u> 3 Km |
| Pe FOLIATED MAROON AND GREEN EPICLASTICS AND LA | PALI TUFFITE | Geology from Logan and Koyanagi (1989b) | | | | |
| PERMIAN AND OLDER | | | W | /ARNER \ | /ENTURES LT | D. 1 |
| RV PLAGIOCLASE PORPHYRY FLOWS, VOLCANICLASTICS, | PURPLE ASH TUFF, CHLORITE | sc | | | | |
| Re SILVER PHYLLITE, SLATE AND PHYLLITIC ARGILLITE | | | ٦ | FREK I | - 6 CLAIMS | |
| | | | | FGIONZ | I GEOLO | GY II |
| | | | | | | |
| | | | | BRITIS | SH COLUMBIA | |
| COAST INTRUSIONS | E TU MONZONITE | | | EQUITY EN | IGINEERING LTD | |
| | | , | DRAWN: | J.W. N | IINING DIV.: LIARD | FIGURE |
| GALORE CREEK INTRUSIONS | | | N.T.S: 104 G | /3 S | CALE: AS SHOWN | |
| emJGa SYENITE, ORTHOCLASE PORPHYRITIC MONZO | NITE | | DATE: MA | Y,1994 R | EVISED: | 4 |
| | | • | | | | |

(minette) dykes (Unit 14C).

The dominant style of deformation in the Galore Creek area consists of upright north-trending, open to tight folds and northwest-trending, southwest-verging, folding and reverse faulting in the greenschist facies of regional metamorphism. Localized contact metamorphism ranges as high as pyroxene hornfels grade; metasomatism is also noted near intrusions. Upright folding may be an early manifestation of a progressive deformation which later resulted in southwest-verging structures. Southwest-verging deformation involves the marginal phases of the Hickman Batholith and so is, at least in part, no older than Late Triassic.

Steeply dipping faults which strike north, northwest, northeast, and east have broken the area into a fault-block mosaic. North-striking faults are vertical to steeply east-dipping and parallel to the Mess Creek Fault (Souther, 1972), which was active from Early Jurassic to Recent times (Souther and Symons, 1974); northwest-striking faults are probably coeval with the northstriking faults, but locally pre-date them. East-west trending faults are vertical or steeply dipping to the north and display north-side down dip slip kinematics, whereas northeast-striking faults are the loci of sinistral, strike-slip motion (Brown and Gunning, 1989a).

A number of metallic deposit types have been recognized in the Galore Creek camp: porphyry copper \pm molybdenum \pm gold deposits, structurally-controlled precious metal vein/shear deposits, skarns and breccia deposits. Porphyry copper deposits of this area include both the alkalic Galore Creek copper-gold and calc-alkalic Schaft Creek copper-molybdenum deposits. Galore Creek, which is associated with syenitic stocks and dykes rather than a quartzfeldspar porphyry, is further contrasted from the calc-alkaline Schaft Creek in that molybdenite is rare, magnetite is common and gold and silver are important by-products. The mineralization is clearly coeval and cogenetic with the spatially associated intrusive bodies. Other porphyry copper occurrences in the Galore Creek area include the Copper Canyon, Sphal and Jack Wilson Creek deposits.

Structurally-controlled gold-silver deposits have been the focus of exploration in recent years. The vein/shear occurrences are similar throughout the Galore Creek camp in that they are mesothermal in nature, containing base metal sulphides with strong silica veining and alteration. However, it appears that the intrusive bodies associated with this mineralization fall into two classes on the basis of age and composition. These two classes are reflected in differences in the style of structures, sulphide mineralogy and associated alteration products. The intrusive types are: 1) Lower Jurassic alkaline "Galore Creek" stocks; and 2) Eocene quartz monzonite to porphyritic granodiorite intrusions. Lead isotope data from the Stewart mining camp (Alldrick et al., 1987) further supports the proposition that separate Jurassic and Tertiary mineralizing events were "brief regional-scale phenomena".

Structures associated with the Lower Jurassic syenites are typically narrow (less than 2.0 metres) quartz-chlorite veins mineralized predominately with pyrite, chalcopyrite and magnetite. Examples of these structures in the Galore Creek camp include many of the discrete zones peripheral to the Galore Creek deposit and the gold-rich veins at Jack Wilson Creek.

The Tertiary mineralization comprises discrete quartz veins and larger shear zones characterized by pervasive silicification, sericitization and pyritization whose total sulphide content is commonly quite low. The quartz veins contain a larger spectrum of sulphide minerals including pyrite, chalcopyrite, pyrrhotite, arsenopyrite, galena and sphalerite. Unlike the Jurassic mineralization, silver grades may be very high.

Skarns represent a minor percentage of the precious metalbearing occurrences in the Galore Creek camp. The mineralogy of these deposits is influenced by the composition of the intrusion driving the hydrothermal fluids. In deposits associated with alkalic intrusions, the skarn assemblage is commonly dominated by magnetite and chalcopyrite, as at the Galore Creek deposit and the Hummingbird skarn on the east side of the South Scud River.

The breccia-hosted mineralization discovered in the Galore Creek camp precious metal deposits appear to be unique in style and mineralization. Three occurrences have been located in the camp: (1) the zinc-silver-gold Ptarmigan zone in the South Scud River area, (2) the copper-molybdenum-gold-silver breccia at the Trek property on Sphaler Creek and (3) the copper-bearing and magnetite breccias of the complex Galore Creek deposit. The single common denominator of each is that the zones are located along fault structures which may represent the main conduit for mineralizing fluids.

6.0 PROPERTY GEOLOGY

The geology underlying the Trek claims consists of a sequence of Upper Triassic Stuhini Group andesitic flows and volcaniclastics intruded by Triassic to Tertiary diorites, monzonites and quartz Geological mapping of the Trek property has been monzonites. largely confined to the southwestern corner. Α detailed description of the property-wide geology has been presented by Awmack and Yamamura (1988) and Caulfield (1989). A summary of their interpretation of the surface geology is briefly summarized here. The dominant rock type on the property is a pyroclastic flow sequence represented by a augite crystal-rich tuff, (Unit 8E) (Figure 5) which locally grades into a crystal lapilli to breccia tuff. These rocks have been intruded by subvolcanic augite

porphyry plugs and dykes (Unit 8D). Augite porphyry flows and subvolcanic intrusions (Unit 8D), fine-grained andesite flows (Unit 8E), vesicular basalt flows (Unit 8J) and lapilli tuffs (Unit 8H) outcrop to the south of the tuffs. These volcanics are in fault contact with an epiclastic sequence of interbedded volcanic conglomerates (Unit 8I) and greywackes (Unit 8A). Small diorite stocks (Unit 8F) and monzonite plugs (Unit 13B) outcrop in a northerly trending belt west of Trek Creek and north of Sphaler Creek in the North and Lower North Zones. In the vicinity of Trek Glacier, the volcanics and sediments are intruded by an Eocene biotite quartz monzonite stock. Going east on the Trek 4 claim, sandstones and shales (Unit 8A) and a large body of limestone (Unit 6) have been mapped. Dykes of basaltic (Unit 14B), syenite (Unit 11A) and feldspar porphyry (Unit 14A) composition are scattered throughout the property.

Detailed mapping over the immediate Gully Zone area confirmed previous mapping with the dominant unit comprising a crystal tuff to lesser crystal lapilli tuff and breccia tuff (Unit 8E). This massive green rock contains five percent small (one to two centimetres across), rounded volcanic fragments within a crystalrich tuffaceous matrix. The lapilli are andesitic to dacitic in composition, which often creates some difficulty in discerning them from the matrix. Their appearance is further masked by their scarcity and by chlorite and/or epidote alteration. The matrix consists of abundant, euhedral to subhedral, pyroxene and feldspar crystals within a fine-grained tuffaceous groundmass. The crystals average approximately one to two millimetres in length and comprise thirty to thirty-five percent of the rock. This crystal content is variable, becoming high enough to give the rock an igneous appearance.

In terms of alteration, it appears that the wallrocks east of the Gully Zone are more intensely epidote-altered than those on the western side. This could, in part, reflect the presence of another parallel shear structure occurring immediately east of the Gully Zone. Overall, epidote alteration tends to be more intense than chloritization and is commonly associated with stockwork-like epidote stringers and carbonate veining. Locally, epidote+carbonate alteration also appears to correlate with shear or fault structures east of the Gully Zone. In contrast, chloritic alteration is generally a more pervasive phenomenon, however, in the vicinity of the Gully Zone it appears to be structurally controlled and related to hydrothermal alteration.

A few, small exposures of arkosic sandstone/greywacke (Unit 8A) outcrop over the Gully Zone area. These sediments are characterized by subangular black argillite and tuffaceous andesite fragments up to two centimetres in length which occur with feldspar and pyroxene crystals in a very fine-grained, siliceous matrix.

Core logging from the 1993 drilling allowed for a more detailed classification of the units mapped on surface. The majority of the sections are dominated by variations of augiteplagioclase phyric, lapilli to breccia tuffs (Unit 8E). Unit 8E has been subdivided into several subunits (Unit 8Ea-e) based on the crystal/phenocryst component, fragment proportions and to a lesser extent, on alteration. Other lithologies encountered in drilling include augite porphyritic andesitic flows and/or dykes (Unit 8D), amygdaloidal andesitic dykes (Unit 8J), massive, and fine-grained aphyric andesitic-basaltic dykes (Unit 8K). The Gully Zone is characterized as a structurally controlled zone of intense alteration and sulphide mineralization. Although, it does not appear to represent a stratigraphic unit the Gully Zone mineralized section has been subdivided into several subunits (Unit AZa-d) contrasting intensities of alteration, alteration based on assemblages and mineralization.

Unit 8E is a dark green, volcaniclastic containing subangular to subrounded, 3-10 centimetre fragments of often porphyritic andesite. The size distribution is usually bimodal with a finergrained fraction averaging 0.1-1 centimetres and a coarser fraction averaging 3-10 centimetres, with rare 15-30 centimetre blocks. Fragment proportion is variable, but averages 15-30%. Fragments consist of variable augite dominant, to subordinate feldspar porphyritic andesite. Euhedral augite phenocrysts average 0.5-2 millimetres, while feldspar (plagioclase?) laths average 0.5-1 millimetres. Phenocrysts average 10-25% of the rock, but in some instances fragments are crowded with 30-60% crystal component. The matrix of the tuff is often indistinguishable from the framework and consists of a fine-grained green tuff with a variable crystal component of sub-euhedral to euhedral augite and feldspar crystals and crystal fragments. In general, the matrix is crystalpoor relative to the framework. Based on the predominant textures of the 8E unit, it ranges from a augite-feldspar phyric lapilli to breccia tuff.

Unit 8Ea is an augite and feldspar phyric andesitic lapilli to breccia tuff, where augite is the dominant crystal component, whereas in unit 8Eb feldspar is dominant. Unit 8Ec is a fragment poor feldspar phyric andesitic breccia tuff or possible flow breccia/agglomerate. Unit 8Ed is a pervasively epidote altered cataclastic brecciated andesite. The lithology appears to be a fine-grained aphyric andesite affected by alteration and brittle faulting, which likely corresponds to both the alteration noted on surface and perhaps the parallel fault zone interpreted to be immediately east of the Gully Zone. Unit 8Ee is a strongly quartzchlorite altered moderately mineralized lapilli tuff. It is essentially transitional between the 8E and AZ designations in that it has recognizable volcaniclastic textures, but is both altered and mineralized.

The attitude of these subtle lithological units is not readily

apparent, however, rare laminated sections and recognition of a possible marker horizon in holes TRK93-5 and 6 indicate a steep west to vertical dip.

Unit AZ or the subsurface expression of the Gully Zone is a of strong chlorite, quartz and sericite alteration. zone Variations in the degree and types of alteration and mineralization allow for subdivision of the AZ unit into: AZa-strong chlorite-± quartz chlorite quartz-sericite alteration; AZb-strong alteration; AZc-strongly silicified and chlorite altered with possible orthoclase and biotite; AZd-strong chlorite-sericite alteration. The Gully Zone likely represents a structural zone of shearing and focused hydrothermal alteration. The overall zone has a vertical to very steep westerly dip and a strike of approximately 057° (Figures 6-8).

7.0 MINERALIZATION

7.1 Gully Zone

The alteration associated with the Gully Zone mineralization is distinctive and occurs over a broad zone or halo relative to Massive sulphides were main zone of semi to massive sulphides. encountered in at least two separate zones. The A zone is only apparent in the upper part of holes TRK93-3 and 4 (Figure 7). The B zone refers to the strong semi-massive sulphide mineralization that was intersected near the bottom of all six holes and corresponds to the massive surface mineralization in the Gully The most prominent alteration occurs on the east side of the Zone. Epidote alteration, which may not be B zone mineralization. related to the Gully Zone mineralizing event, is moderately strong up to 15 to 20 metres east of the B zone mineralization. Epidote alteration gives way to a pale grey, pervasive sericite alteration with or without quartz and potassium feldspar. Chlorite alteration with pyrite, occurs as patchy replacements, folioform bands and as stockwork that crosscuts the earlier developed pervasive sericite. The intensifying of chlorite alteration is accompanied by higher concentrations of pyrite, pyrrhotite and chalcopyrite. The B zone mineralization consists of both massive (greater than 80%) banded pyrrhotite veins with fine grained and massive ragged blebs of chalcopyrite, and strong chlorite alteration, with or without quartz and potassium-feldspar, containing wispy to coarse blebs of pyrrhotite, chalcopyrite and lesser pyrite. Mineralization at the west contact of the B zone consists of coarse aggregate pyrite with interstitial magnetite and epidote. The west contact of the B zone is sharp in all holes, except TRK93-2 (Figure 6), and is marked by fault and strongly deformed sulphides ("swirl texture"). a Alteration including sericite and chlorite with possible biotite occurs to a much lesser extent on the west side of the fault displacement or asymmetrical suggesting post mineral fault alteration alteration development. The mineralization and

and other less prominent parallel zones. In addition to anomalous gold and copper, metals including zinc, silver, arsenic and molybdenite are also anomalous. Zinc, copper and silver show a strong positive correlation with gold, but molybdenum shows no direct correlation with gold or copper.

7.2 Wall Zone Area

A number of very well mineralized angular float samples were gathered in a roughly 400 by 200 metre area upslope and to the east of the Wall Zone (Figure 9). The results from some of the best samples are listed in table 7.2.1. On the basis of texture, alteration and metal association, it is possible to divide the mineralized samples into five different types. The first group of samples, which include samples 509014, 509015 and 509017, are ribbon quartz veins with abundant pyrite, which forms ribbons and lenses. These samples are very high in gold, zinc and arsenic and low in copper. The second style of mineralization, which includes samples 509006 and 509022, are strongly iron carbonate-altered volcanics replacement having style sphalerite and galena They are high in gold, silver, lead and zinc. mineralization. Sample 509018 is a sheared carbonate and epidote-altered volcanic, low in sulphides, high in gold, and low in copper. Sample 509021 is a strongly chlorite-altered andesite with evenly disseminated chalcopyrite containing high gold and copper. Samples 509004 and 509005 are strongly chlorite carbonate altered andesites, perhaps similar to sample 509021, containing both high gold and copper.

The results from the prospecting indicate the presence of some significant mineralization distinct from the Wall Zone mineralization, however, better ground control will be required to better assess the extent and controls on the mineralization.

| | | Au | Ag | Cu | Pb | Zn | As | Mo |
|--------|--------|----------|----------|-------|-------|-------|------|-----|
| Sample | Туре | ppb | ppm | ppm | ppm | ppm | ppm | ppm |
| 509004 | float | 1.30g/t | 3.4 | 3775 | 8 | 72 | 14 | 23 |
| 509005 | float | 1.23g/t | 3.6 | 3774 | 8 | 180 | 20 | 27 |
| 509006 | float | 170 | 47.32g/t | 797 | 2.75% | 2.65% | 8 | <1 |
| 509014 | chip | 3.29g/t | 21.4 | 1477 | 3128 | 1.21% | 1110 | 3 |
| 509015 | select | 6.38g/t | 23.2 | 396 | 4210 | 1.58% | 1896 | <1 |
| 509017 | float | 17.97g/t | 49.38g/t | 744 | 1680 | 4.32% | 2590 | <1 |
| 509018 | grab | 900 | 5.6 | 1016 | 442 | 2628 | 228 | <1 |
| 509021 | float | 1.17g/t | 7.6 | 2.27% | 2 | 184 | 52 | 2 |
| 509022 | float | 710 | 45.95q/t | 976 | 1.41% | 7.56% | 188 | 18 |

TABLE 7.2.1 WALL ZONE AREA SAMPLING RESULTS

8.0 DIAMOND DRILLING

Six diamond drill holes totalling 450.1 metres of BTW core were drilled from 3 sites on the east side of the Gully zone to test down dip and strike extensions, indicated by surface exposures, soil geochemistry and VLF-EM anomalies. Holes were inclined at 45° and 60° and azimuths of between 325° and 331°. Core was sampled, logged and stored at the Trek campsite, located on the south side of Sphaler Creek, immediately east of the junction of Trek and Sphaler Creeks. Table 8.0.1 summarizes the 1993 drill hole orientations and locations, while Table 8.0.2 summarizes the significant intersections.

TABLE 8.0.1 1993 DRILL HOLE LOCATION DATA

| Hole | Grid Lo | ocation | Azimuth | Dip | Length | |
|----------------|---------|---------|-----------|-----------|----------|--|
| Number | North | East | (degrees) | (degrees) | (metres) | |
| TRK93-1 | 270 | 139 | 325 | -45.0 | 64.6 | |
| TRK93-2 | 270 | 138 | 329 | -62.5 | 120.7 | |
| TRK93-3 | 313 | 149 | 329 | -45.0 | 51.2 | |
| TRK93-4 | 313 | 150 | 329 | -62.0 | 69.2 | |
| TRK93-5 | 216 | 105 | 331 | -45.5 | 53.9 | |
| TRK93-6 | 216 | 106 | 331 | -63.0 | 90.5 | |

NOTE:

E: locations relative to baseline and not to crossline "local" coordinates

TABLE 8.0.2 WEIGHTED AVERAGES TREK 1993 DRILLING

| Hole Number | Zone | From (m) | TO (m) | Length (m) | Au (q/t) | Cu (%) |
|----------------|-----------|-------------|-----------|---------------|-------------|-----------|
| TRK93-1 | Unnamed | 36.1 | 36.9 | 0.8 | 0.43 | 0.38 |
| | Unnamed | 37.3 | 38.1 | 0.8 | 0.42 | 0.64 |
| | Unnamed | 40.2 | 41.7 | 1.5 | 0.80 | 0.49 |
| | Zone B | 43.4 | 53.8 | 10.4 | 1.5 | 1.49 |
| | including | 43.4 | 49.0 | 5.6 | 2.1 | 1.85 |
| | including | 43.4 | 45.8 | 2.4 | 3.2 | 2.33 |
| TRK93-2 | Zone B | 66.1 | 72.5 | 6.4 | 0.35 | 0.49 |
| | including | 66.1 | 66.5 | 0.4 | 1.1 | 0.95 |
| | Zone B | 76.3 | 85.9 | 9.6 | 0.31 | 0.30 |
| | including | 76.3 | 84.3 | 8.0 | 0.22 | 0.27 |
| | including | 84.3 | 85.9 | 1.6 | 0.75 | 0.45 |
| | Zone B | 91.9 | 103.7 | 11.8 | 0.29 | 0.30 |
| | including | 96.2 | 97.3 | 1.1 | 1.6 | 1.13 |
| TRK93-3 | Zone A | 10.3 | 10.5 | 0.2 | 0.99 | 0.82 |
| | Zone B | 36.3 | 40.3 | 4.0 | 0.25 | 0.53 |

| | | | | 2770 2. | | |
|---------|-----------|------|------|---------|------|------|
| TRK93-4 | Zone A | 9.2 | 15.2 | 6.0 | 3.1 | 1.26 |
| | including | 11.3 | 12.1 | 0.8 | 7.9 | 4.45 |
| | including | 12.6 | 12.9 | 0.3 | 24.8 | 5.68 |
| | Unnamed | 41.5 | 45.3 | 3.8 | 0.66 | 0.41 |
| | including | 42.5 | 44.3 | 1.8 | 1.2 | 0.71 |
| | Zone B | 60.5 | 62.8 | 2.3 | 0.42 | 0.52 |
| | including | 62.2 | 62.8 | 0.6 | 0.88 | 0.21 |
| TRK93-5 | Zone B | 40.7 | 40.8 | 0.1 | 0.40 | 0.37 |
| | Zone B | 41.4 | 45.8 | 4.4 | 0.33 | 0.48 |
| | including | 41.4 | 43.8 | 2.4 | 0.50 | 0.67 |
| TRK93-6 | Unnamed | 49.7 | 50.5 | 0.8 | 1.9 | 3.80 |
| | Unnamed | 54.7 | 55.1 | 0.4 | 1.3 | 0.75 |
| | Unnamed | 57.3 | 61.3 | 4.0 | 0.34 | 0.21 |
| | Zone B | 65.3 | 75.0 | 9.7 | 0.53 | 0.31 |
| | including | 68.8 | 71.1 | 2.3 | 1.0 | 0.38 |
| | including | 70.4 | 70.7 | 0.3 | 4.0 | 1.64 |
| | including | 72.4 | 73.1 | 0.7 | 2.5 | 0.47 |
| | Zone B | 82.3 | 86.8 | 4.5 | 0.34 | 0.23 |
| | including | 82.3 | 86.5 | 4.2 | 0.24 | 0.15 |
| | including | 86.5 | 86.8 | 0.3 | 1.7 | 1.29 |
| | | | | | | |

TABLE 8.0.2 continued WEIGHTED AVERAGES TREK 1993 DRILLING

NOTE: results for gold greater than 1000 ppb and copper greater than 5000 ppm are assay values

TRK93-1 and 2 were aimed beneath the Gully Zone, where a surface chip sample (# 358162) assayed 8.77 g/t gold and 5.31% copper from massive pyrrhotite, chalcopyrite and pyrite, over a true thickness of 3.6 metres. This point along the Gully Zone also corresponds with a strong coincident copper, gold, zinc soil geochemical anomaly. Holes TRK93-1 and 2 encountered a generally weakly altered sequence of augite and plagioclase phyric andesite lapilli to breccia tuffs. Approximately 5-7 metres prior to intersecting Zone B the density of quartz and epidote stringers increased. The quartz-epidote stringer zone was followed by a zone of pervasive sericite alteration with later crosscutting chlorite quartz and pyrite stringers and patchy replacements. The first zones of mineralization in TRK93-1 contained intercepts averaging less than 1 g/t gold and less than 1% copper, in mineralization not considered directly correlative with the Gully Zone. The best intercept in TRK93-1 graded 1.50 g/t gold and 1.49% copper over 10.4 metres or approximately 7 metres true width. This intercept is considered correlative with the Gully Zone mineralization. The west side of the mineralized zone in TRK93-1 is marked by a fault followed by 2 metres of moderate quartz-epidote and strong sericite altered volcanics which grade abruptly into weakly altered volcanics. In TRK93-2, the mineralized zone contains lower gold and copper concentrations averaging 0.3 g/t and 0.3-0.4% copper.

Mineralization is less massive, but occurs over a greater thickness with intervening poorly mineralized sections. Rocks on the west side of the mineralized section are variably altered by sericite and quartz over a wider zone than in TRK93-1.

Holes TRK93-3 and 4 intersected mineralization beneath the Gulley Zone, where surface results include chip samples (#465519 and #465520) that returned results of 1.06% copper, 1350 ppb gold over 0.3 metres and 1395 ppm copper and 1410 ppb gold over 0.55 metres true thickness and a grab sample (#245030) that assayed 3.71% copper and 5.00 g/t gold. This point along the Gully Zone corresponds with a coincident copper, lead and soil gold The uppermost sections of the holes TRK93-3 geochemical anomaly. intersected epidote altered, faulted and 4 and brecciated andesites. In hole 4, a significant mineralized intercept referred to as Zone A was encountered at 9.2 metres. This intersection contained an average grade of 3.09 g/t gold and 1.26% copper over This same zone in TRK93-3 is only evidenced by a 10 6.0 metres. centimetre section of core in a section of poor core recovery, where faulting is extensive. The mineralized section is very similar to the mineralization in the Gully Zone and likely represents a parallel structure that is largely faulted off in The A zone mineralization, displays an alteration halo TRK93-3. on both the footwall and hanging wall and is not bounded by a postmineral fault. Both holes then passed through relatively unaltered sections of fragmental andesite volcanics before intersecting another sulphide zone to the east of the Gully Zone. In TRK93-3, this chlorite altered zone is 0.5 metres wide and consists of semi massive pyrrhotite and pyrite, containing minimal base and precious metal values. In what appears to be the down dip continuation of this zone in hole TRK93-4, the zone has widened and contains 0.66 g/t gold and 0.42% copper over 3.8 metres also in association with strong chlorite alteration. Towards the Gully Zone, chlorite and sericite alteration intensify until within the zone chlorite and The width of the alteration halo and Gully Zone quartz dominate. are, however, significantly narrower than in holes TRK93-1 and 2. The B Zone is also characterized by a pervasive purple brown alteration, which may be silicification, or perhaps orthoclase and The Gully Zone intercept is a narrow section of fine biotite. coarse-grained aggregate of pyrite with interstitial magnetite and epidote. The best intercept was in TRK93-4, which graded 0.42 g/t gold and 0.52% copper over 2.3 metres. The west boundary of the Gully Zone is marked by a distinctive fault containing contorted sulphides, including arsenopyrite, carbonate and minor carbonaceous material. Alteration on the west side of the fault is very weak, but includes pervasive purple biotite and/or orthoclase alteration.

Hole TRK93-5 and 6 were targeted at the southern strike extension of the Gully Zone, which is not well defined on surface. One of the better surface samples (#245556) ran 9150 ppm copper and 1530 ppb gold. Several metres on strike to the southwest, sample 245556 assayed 11.25 g/t gold. The soil geochemistry at this point

along the Gully Zone is highly anomalous in gold, copper, lead and zinc. Holes TRK93-5 and 6 encountered strongly epidote-altered and fractured andesite at the top of the holes followed by a section of weakly altered fragmental andesites. Approximately 10 metres east of the Gully Zone mineralization, quartz, chlorite and sericite alteration accompanied by stockwork pyrite increased and intensified approaching the zone. In the hanging wall of the Gully Zone in TRK93-6 intensified chlorite and sericite alteration and associated shearing, assayed 1.87 g/t gold and 3.81% copper over 0.8 metres. This zone represents a parallel zone to the Gully Zone that may be correlative to those intersected in TRK93-1, 2, 3 and The Gully Zone mineralization in both holes is variable and 4. narrower than in TRK93-1 and 2, consisting of intense chlorite and quartz alteration with massive sulphides to zones of pervasive silicification and possible orthoclase alteration with minor chlorite and sulphides. The west margin of the Gully Zone is marked by a prominent fault containing contorted sulphides carbonate and minor clay. In hole TRK93-06, the sulphides have been locally oxidized to goethite and the feldspars to clay and limonitic fault gouge. The best intercepts include 0.50 g/t gold and 0.67% copper over 2.4 metres in TRK93-5 and 0.53 g/t gold and 0.31% copper over 9.7 metres in TRK93-6. On the west side of the fault, sections of the andesite fragmental unit are moderately altered to sericite, chlorite and quartz and have minor vein and chalcopyrite disseminated pyrite, and rare molybdenite The pervasive nature of the alteration and mineralization. disseminated habit of mineralization on the west side of the fault, and the appearance of molybdenite are somewhat suggestive of porphyry style mineralization.

9.0 DISCUSSION AND CONCLUSIONS

Andesitic lapilli and breccia tuffs are host to the Gully Zone obvious appears to mineralization. There be no internal stratigraphy within the volcaniclastics, or any lithological contrast in the footwall and hanging wall rocks. Mineralization within the A and B Zones consists primarily of pyrrhotite, with chalcopyrite, pyrite and traces of lesser arsenopyrite. Molybdenite and magnetite are locally developed. Mineralization on the periphery of the B Zone consists mainly of weak disseminated and stringer pyrite in association with chlorite. Alteration associated with the mineralization is zoned with respect to the B Zone of semi to massive sulphides. The most prominent alteration occurs on the east side of the B Zone mineralization. Epidote alteration, which may not be related to the mineralization is moderately strong up to 15 to 20 metres east of the B Zone. Towards the B Zone epidote alteration gives way to a pale grey pervasive sericite alteration with or without quartz and Kfeldspar. Approaching the B Zone, chlorite alteration intensifies at the expense of sericite, and occurs as pervasive, folioform bands, patchy replacements and as stringer stockworks with coarse

grained pyrite. The strongest B zone mineralization consists of massive (greater than 80%) pyrrhotite veins with fine-grained, massive ragged blebs and wispy lenses of chalcopyrite and lesser pyrite. Adjacent to massive mineralization, pyrrhotite, chalcopyrite and minor pyrite occur as disseminated blebs, wispy shear bands, irregular stringers and patchy blebs. Late stage sericite, which is sulphide and chlorite destructive, is locally Mineralization at the west contact of the B Zone developed. consists of coarse aggregate pyrite with interstitial magnetite and epidote. The western contact of the B Zone is sharp in all holes, except TRK93-2, and is marked by a fault and strongly deformed sulphides. Weak alteration including sericite and chlorite with possible biotite occurs on the west side of the fault suggesting minimal fault displacement. The mineralization and alteration associated with the A Zone is very similar to that of the B Zone.

The model of formation for the Gully mineralization is most likely a shear vein with associated wall rock alteration. Shear fabrics are moderately well developed, however, sharp vein boundaries are not obvious except in the case of the massive pyrrhotite-chalcopyrite veins. There remains a possibility that the Gully Zone mineralization is volcanogenic in origin, however, the absence of complex stratigraphy and the lack of any stratigraphic break at the mineralized horizon, favour a shear vein mechanism of formation.

The limited prospecting program carried out in the Wall Zone area uncovered impressive gold, silver and base metal mineralization in a variety of habits including quartz veins, intense carbonate-altered volcanics and propylitic altered volcaniclastics containing disseminated chalcopyrite and gold mineralization. This style of mineralization is similar to the Grey Zone, which lies 1800 metres to the south.

Potential for expanding the mineralization of the Gully Zone through drilling is considered excellent. Geophysics, soil geochemistry and rock sampling indicate that the Gully Zone mineralization should persist in excess of 400 to 900 metres along strike. Drilling results prove that mineralization persists over at least 140 metres vertically and over 110 metres along strike, and that mineralization is open in all directions.

The mineralization at the Gully Zone is associated with extensive hydrothermal alteration, indicating a significant mineralizing system that has good potential to have an extensive horizontal and vertical component. Gold and copper grades intersected thus far are somewhat erratic and not likely economic, but the occurrence of fairly high grade zones over moderate widths and the indications of a large and persistent structure indicate potential for discovering zones with consistent grade and dimension. Discovery of impressive precious metal and base metal values in samples collected in the Wall Zone area indicate untested potential of a variety of mineralization styles in this area. It is highly recommended that the Wall Zone area be systematically mapped and sampled utilizing a control grid.

Respectfully submitted EQUITY ENGINEERING LTDESSION PROVINCE BAKNES C Mark E. Baknes, Ρ SCIEN

Vancouver, British Columbia May, 1994

APPENDIX A

ļ

BIBLIOGRAPHY

BIBLIOGRAPHY

Î

| Alaskan Geographic Society (1979): The Stikine River; V. 6, 94 pp. |
|--|
| Alldrick, D.J., Gabites, J.E. and Godwin, C.I. (1987): Lead Isotope Data from the Stewart Mining Camp, <u>in</u> Geological Fieldwork 1986; British Columbia Ministry of Energy, Mines, and Petroleum Resources, Geological Survey Branch, Paper 1987-1, pp. 93-102. |
| Allen, D.G., A. Panteleyev and A.T. Armstrong (1976): Galore Creek, <u>in</u> CIM Special Volume 15; pp. 402-414. |
| Anderson, R.G. (1989): A Stratigraphic, Plutonic, and Structural Framework for the Iskut River map area, Northwestern British Columbia, <u>in</u> Current Research, Part E; Geol. Surv. Can. Paper 89-1E, pp. 145-154. |
| Ashenhurst and Visser (1988): TREK Claims Proton Precession Magnetometer Survey and VLF-EM Survey; Private Report for Lorica Resources Ltd. |
| Awmack, H.J. (1991): 1990 Geological, Geochemical and Geophysical Report on the Trek 1-6 Claims; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources. |
| Awmack, H.J. and Yamamura, B.K. (1988): 1988 Summary Report on the Trek 1-6 Claims; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources. |
| Ballantyne, T.A. and Visser, S.J. (1990): Proton Precession Magnetometer Survey and VLF-EM Survey on the Trek Claim; Report prepared for Lorica Resources Ltd. |
| Brown, D.A., and Gunning, M.H. (1989a): Geology of the Scud River area, North Western British Columbia, (104G/5,6), <u>in</u> Geological Fieldwork 1988; British Columbia Ministry of Energy, Mines, and Petroleum Resources, Geological Survey Branch, Paper 1989-1, pp. 251-267. |
| Brown, D.A., and Gunning, M.H. (1989b): Geology of the Scud River area, North Western B.C. (map); British Columbia Ministry of Energy, Mines, and Petroleum Resources, Geological Survey Branch, Open File 1989-7. |

Caulfield, D.A. (1989): 1989 Summary Report on the Trek 1-6 Claims; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources. Folk, Peter G. (1981): Report on Rock Chip Sampling of Sphal 7-12, 19-33, Kim 1-10, 38, 40 and 42, Sphal Fraction; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #9,614.

- Folk, Peter G. and Spilsbury, Wayne (1980): Report on Geological Mapping, Magnetometer and Soil Sampling Surveys of Sphal 7-12, 19-33, Kim 1-10, 38, 40 and 42, Sphal Fraction; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #8,424.
- Geological Survey of Canada (1957): Stikine River area, Cassiar District, British Columbia; Geological Survey of Canada Map 9-1957.
- Geological Survey of Canada (1988): National Geochemical Reconnaissance, Sumdum - Telegraph Creek, British Columbia (NTS 104F - 104G); GSC Open File 1646.
- Grant, G.W. (1964): Final Geological Report CW Group; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #621.
- Halloff, P.G. (1965): Report on the Induced Polarization and Resistivity Survey on the Goat and Kim Claim Groups; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #681.
- Jones, P.A. (1989): Sphal #2, 4, 6, 8 Claims Prospecting Report; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources.
- Kerr, F.A. (1948a): Lower Stikine and Western Iskut River Areas, British Columbia; Geological Survey of Canada, Memoir 246, 94 pp.
- Kerr, F.A. (1948b): Taku River map-area, British Columbia; Geological Survey of Canada, Memoir 248, 84 pp.
- Logan, J.M., and Koyanagi, V.M. (1989a): Geology and Mineral Deposits of the Galore Creek area, Northwestern B.C., 104G/3,4, <u>in</u> Geological Fieldwork 1988; British Columbia Ministry of Energy, Mines, and Petroleum Resources, Geological Survey Branch, Paper 1989-1, pp. 269-284.
- Logan, J.M., Koyanagi, V.M., and Rhys, D. (1989b): Geology and Mineral Occurrences of the Galore Creek Area; British Columbia Ministry of Energy, Mines, and Petroleum Resources; Geological Survey Branch Open File 1989-8, Sheet 1 of 2.
- Milne, B.D. (1970): Report on Sphaler Creek Property; Private report for Silver Standard Mines Ltd. (N.P.L.).

Monger, J.W.H. (1977): Upper Palaeozoic rocks of the western Canadian Cordillera and their bearing on Cordilleran evolution; Can. Jour. Earth Sci., V.14, pp. 1832-1859.

- Panteleyev, A. (1976): Galore Creek map area, British Columbia, <u>in</u> Geological Fieldwork 1975; British Columbia Ministry of Energy, Mines, and Petroleum Resources; Geological Survey Branch, Paper 1976-1, pp. 79-81.
- Rayner, G. H. and Ney, C. S. (1964): Report on Geological and Geochemical Surveys, Sphaler Creek Examination; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #565.
- Souther, J.G. (1971): Telegraph Creek Map Area, British Columbia; Geological Survey of Canada Paper 71-44.
- Souther, J.G. (1972): Geology and Mineral Deposits of the Tulsequah map-area, British Columbia; Geological Survey of Canada, Memoir 362, 84 pp.
- Souther, J.G., and Symons, D.T.A. (1974): Stratigraphy and Palaeomagnetism of the Mount Edziza volcanic complex, northwestern British Columbia; Geological Survey of Canada Paper 73-32, 48 pp.
- Souther, J.G., Brew, D.A., and Okulitch, A.V. (1979): Iskut River 1:1,000,000; Geological Atlas Geological Survey of Canada, Map 1418A.
- Spencer, B. and Dobell, J.P. (1958): Revised Surface Geology, Ore Blocks and Proposed Exploration; Unpublished map at a scale of 1:2400 prepared for American Metal Climax Inc.

APPENDIX B

j

Î

Î

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES Trek 1-5 Claims, September 13-28, 1993

Ì

| PROFESSIONAL FEES AND WAGES: | | |
|--|----------------|---------------------------------------|
| .25 day @ \$375/day | \$ 93.75 | |
| 1.25 days @ \$375/day | 469.75 | |
| 21 days @ \$375/day Tom Bell, Prospector | 7,875.00 | |
| 16 days @ \$300/day Carrol Rosner, Cook/First Aid | 4,800.00 | |
| 16 days @ \$200/day Donald McInnes, Project Manag | 3,200.00 er | |
| 2 days @ \$300/day Clerical | 600.00 | |
| 4 hours @ \$20/hour | 80.00 | \$ 17,118.50 |
| EXPENSES: | | |
| Chemical Analyses | \$ 2,811.92 | |
| Equipment Rental | 460.00 | |
| Materials and Supplies | 240.00 | |
| Repairs and Maintenance | 103.79 | |
| Printing and Reproductions | 101.43 | |
| Camp Supplies | 496.36 | |
| Camp Food | 1,743.39 | |
| Meals | 152.21 | |
| Accommodation | 44.00 | |
| Travel | 284.88 | |
| Truck Rental | 312.80 | |
| Automotive Fuel | 133.18 | |
| Bulk Fuel | 1,752.74 | |
| Helicopter Charters | 38,382.94 | |
| Telephone Distance Charges | 237.30 | |
| Freight | 1,425.83 | |
| Expediting | 989.75 | |
| Courier and Telefax | 85.11 | 49,757.63 |
| SUB-CONTRACTS: | | |
| Drilling | | 41,318.60 |
| EQUIPMENT RENTALS: | | · · · · · · · · · · · · · · · · · · · |
| 75 mandays @ \$25/day | \$ 1,875.00 | |
| 4 days @ \$80/day | 320.00 | |
| 13 days @ \$10/day | 130.00 | |
| 8 days @ \$5/day | 40.00 | |
| 40 davs @ \$5/dav | 200.00 | 2.565.00 |
| | | -,000.00 |

REPORT

7,000.00

| MANAGEMENT FEES: | |
|--------------------|----|
| 7.5% on subcontrac | ts |
| 15% on expenses on | ly |

SUBTOTAL:

GST:

\$ 129,879.30

12,119.57

\$ 3,098.90 9,020.67

<u>-9,091.55</u>

\$ 138,970.85 =========

129 879.30

APPENDIX C

ROCK SAMPLE DESCRIPTIONS

| Arsenopyrite |
|--------------|
| Azurite |
| Biotite |
| Calcite |
| Chalcocite |
| Fe-Carbonate |
| Chlorite |
| Chalcopyrite |
| Covellite |
| Clay |
| Dolomite |
| Epidote |
| Goethite |
| Galena |
| Hematite |
| Jarosite |
| |

Potassium Feldspar KF \mathbf{LI} Limonite MC Malachite MG Magnetite MO Molybdenite Manganese-oxides MN MR Mariposite MS Sericite MU Muscovite Pyrrhotite PO PY Pyrite QZ Quartz Silica SI Smithsonite SM SP Sphalerite

_____ Equity Engineering Ltd. ____

| QUITY ENGI | INEERING LTD. | | | ROCK SAMPLE DESCRIPTIONS | - | Pag | e-1- | | | | | |
|------------|-------------------|----------|-----------|-----------------------------------|--------------|----------------------------|---------|----------|--------------|-------|--------|--------|
| roperty : | TREK | | | NTS : 104G/3W | Date : May | 9, 1994 | | | | | | |
| ample No. | UTM : | | N | Type : Select/grab | Alteration : | SCB | Au | Ag | Cu | Mo | Pb | Zn |
| | | 1 | | Strike Length Exp. : m | Metallics : | 2-3%CP, 1%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509001 | Elevation: | 800 m | | Sample Width : 2m m | Secondaries: | ALm | 100. | 2.6 | 3629. | 4. | 2. | 212. |
| | Orientation: | / | | True Width : m | Host : | Carbonate altered fragment | al volo | anic | | | | |
| omments : | 354o to steep cre | ek acros | s valley | . Sporadic mineralization, 2x5m | exposure. | | | | | | | |
| | | | | type - Grah | Alteration . | s C 1 | A., | A | Cu | Mo | Ph | 70 |
| ampre no. | | | : | Strike Length Exp + 3 m | Metallics : | 1200 2-320Y | (ppb) | (nom) | (000) | (000) | (0000) | (0000) |
| 509002 | Elevation: | 865 m | - | Sample Width : 3 m | Secondaries | mGE. mJA | 10. | 0.2 | 246. | <1 | <2 | 50. |
| 207002 | Orientation: | / | · | True Width : ? m | Host : | Chlorite altered andesites | and vo | lcanic | preccia | | - | |
| omments : | Grab over 3m. | · | | | | | | | | | | |
| ample No. | UTM : | | N | Type : Grab | Alteration : | mCB. sCL | Au | Aa | Cu | Mo | Pb | Zn |
| | | 1 | | Strike Length Exp. : 3 m | Metallics : | >1%CP. 2-3%PY | (dad) | (DDM) | (ppm) | (DDM) | (DDDM) | (ppm) |
| 509003 | Elevation: | 870 m | | Sample Width : 3 m | Secondaries: | WGE, WJA | 40 | 1.2 | 1393. | <1 | <2 | 52. |
| | Orientation: | 1 | | True Width : m | Host : | Chlorite altered volcanic | breccia | 1 | | | | |
| omments : | Grab over 3m radi | us. | | | | | | | | | | |
| ample No. | UTM : | | N | Type: Float | Alteration : | sCB, sCL | Au | Ag | Cu | Mo | РЬ | Zn |
| | | I | | Strike Length Exp. : m | Metallics : | 3-5%CP, 3-7%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509004 | Elevation: | 875 m | | Sample Width : m | Secondaries: | WGE, WJA | 1.30 | g 3.4 | 3775. | 23. | 8. | 72. |
| | Orientation: | 1 | | True Width : m | Host : | Chlorite altered volcanics | | | | | | |
| omments : | Subcrop. | | | | | | | | | | | |
| ample No. | UTM : | | N | Type : Float | Alteration : | sCB, sCL | Au | Ag | Cu | Mo | Pb | Zn |
| | | 1 | i i | Strike Length Exp. : m | Metallics : | 1-2%CP, 5-10%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509005 | Elevation: | 910 m | | Sample Width : m | Secondaries: | None | 1.23 | g 3.6 | 3774. | 27. | 8. | 180. |
| | Orientation: | / | | True Width : m | Host : | Chlorite altered volcanic | | | | | | |
| omments : | Subcrop. Upslope | from 509 | 2004, abu | undant subcrop-float; grab from c | one rock. | | | | | | | |
| ample No. | UTM : | | N | Type : Float | Alteration : | mCB | Au | Ag | Cu | Мо | Pb | Zn |
| | | E | : | Strike Length Exp. : m | Metallics : | 1%CP, 2%GL, 1%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509006 | Elevation: | 930 m | | Sample Width : m | Secondaries: | mGE, mHE | 170. | 47.32 | 797 . | <1 | 2.75% | 2.65 |
| | Orientation: | 1 | | True Width : m | Host : | Carbonate altered andesite | | | | | | |

| | | | | | | | | Ì | | | |
|-------------|----------------------------|-------------------|-----------------------------------|---------------|-----------------------|--------------|-------------|-------------|--------|--------------|----------------|
| EQUITY ENGI | NEERING LTD. | | ROCK SAMPLE DESCRIPTIONS | | | Page-2- | | | | | |
| Property : | TREK | | NTS : 104G/3W | Date : May | 9, 1994 | | | | | | |
| | | | · · | | | | | | | | |
| Sample No. | UTM : | N | Type : Grab | Alteration : | sCL | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : 3 m | Metallics : | 1-2%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509007 | Elevation: | 670 m | Sample Width : 3 m | Secondaries: | sGE, sJA | 15. | 0.6 | 293. | <1 | 214. | 208. |
| | Orientation: | / | True Width : ? m | Host : | Chlorite altered volc | aniclastic | | | | | |
| Comments : | 2x3m shattered zo | one, 3m represent | ative. | | | | | | | | |
| | | | | | | | | | | | |
| | | | Time - Oneh | | | . | •- | 0 | M- | D L | |
| Sample No. | UIM : | N _ | Type: Grad | Alteration : | | AU | Ag | | MO | PD | 2n |
| | | E (70 | Strike Length Exp. : 5 m | Metallics : | 2-3%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509008 | Elevation: | 67U M | Sample Width : 50 cm | Sécondaries: | SGE, SJA | 25. | 0.6 | 329. | 1. | 304. | 294. |
| _ | Orientation: | / | True Width: ? m | Host : | Chlorite altered volc | aniclastic | | | | | |
| Comments : | 5m area of minera | ilization, repres | entative grab over 50cm, in outcr | op. | | | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type : Grab | Alteration : | mCL | Au | Ag | Cu | Mo | Pb | Zn |
| • | | E | Strike Length Exp. : 7 m | Metallics : | 1-2%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509009 | Elevation: | 660 m | Sample Width : 2 m | Secondaries: | sGE, sJA | 40. | 0.4 | 437. | 9. | 10. | 48. |
| | Orientation: | 1 | True Width : ? m | Kost : | Chlorite altered volc | aniclastic | | | | | |
| Comments : | Grab over 50cm in | outcrop. | | | | | | | | | |
| | | • | | | | | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type : Grab | Alteration : | mCB | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : 10 m | Metallics : | >1%CP, 1-2%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509010 | Elevation: | 950 m | Sample Width : 1 m | Secondaries: | mGE, mJA, wMC | 90. | 19.4 | 1919 | 9. | 362 | 1630 |
| | Orientation: | 1 | True Width : ? m | Host : | Volcanics, carbonate | altered | | | | | |
| Comments : | Sporadic minerali | zation. | | | | | | | | | |
| | | | | | | | | | | | |
| Sample No | | N | Type • Grah | Alteration . | | Âu | 40 | C 11 | No | Ph | 70 |
| Sample No. | UTF . | F | Strike Length Exp 30x15 m | Metallice + | >1%CD 1-3%DY | (pob) | ~9 (ppm) | | (0000) | (0000) | (0000) |
| 500011 | Flowation | 055 m | Samole Width · 1 m | Secondaries : | | (2007 | (| 2455 | 19 | (ppii) 70 | (ppiii) 794 |
| 309011 | Elevation: Bodding/loi: | 180 / 10 U | True Lidth . 2 m | Secondal res: | Sue, SUA, MAL | torod volcom | 4.0 | 2055. | 10. | 70. | 300. |
| Composito . | Zene expended 30-4 | 0m 10-15m uido | | nust ; | | tered votcan | 165 | | | | |
| comments : | Zone exposed 30-4 | ion, to ion wide, | | | | | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type: Grab | Alteration : | sCB, wCL | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : 10 m | Metallics : | >1%CP, 1-5%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509012 | Elevation: | 965 m | Sample Width : 1 m | Secondaries: | sGE, sJA, wMC | 120. | 6.2 | 960. | <1 | 308. | 1592. |
| | Orientation: | 030 / 60 NW | True Width : ? m | Host : | Carbonate-chlorite al | tered volcan | ics | | | | |
| Comments : | 1m grab. | | | | | | | | | | |

| | | | | | | | | | | - | |
|-------------|---------------------------|------------------------------------|---|---------------------|-----------------------------|-----------|--------------|--------|-------|--------|--------|
| EQUITY ENGI | INEERING LTD. | | ROCK SAMPLE DESCRIPTIONS | • | Pag | 1e-3- | | | | | - |
| Property : | TREK | | NTS : 104G/3W | Date : May | 9, 1994 | - | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type: Grab | Alteration : | mCB, SCL | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : 5-7 m | Metallics : | trCP, 2-3%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509013 | Elevation: | 940 m | Sample Width : 1 m | Secondaries: | mge, mja | 30. | 0.4 | 547. | 2. | <2 | 44. |
| | Orientation: | / | True Width : ? m | Host : | Chlorite-carbonate altered | l volcani | CS | | | | |
| Comments : | Grab over 1m. | | | | | | | | | | |
| Sample No. | UTM : | N | Type : Chip | Alteration : | sC8. sFP. s07 | Au | Aa | Cu | Mo | Ph | 7n |
| | • | E | Strike Length Exp. : 10 m | Metallics : | 1%CP 1%GI 40-50%PY | (noh) | ົ່ງ (ກາຫ) | (0000) | (000) | (0000) | (000) |
| 509014 | Elevation: | 970 m | Sample Width : 70 cm | Secondaries: | mGE m.IA | 3 20 a | 21 4 | 1477 | 3 | 3128 | 1 21% |
| 207014 | Redding/Vn : | 030 / 80 NW | True Width · 70 cm | Host . | Volcanics quartz carbonat | o voin | 21.4 | 1477. | 5. | 5120. | 1.21% |
| Comments : | beauting, the i | | | nost . | | e vem | | | | | |
| | | | | | | | | _ | | | - |
| Sample No. | UIM : | N T | Type: Select/grab | Alteration : | SCB, SEP, SQZ | AU | Ag | Cu | Mo | Pb | Zn |
| 500045 | | E | Strike Length Exp. : 10 m | Metallics : | 1%CP, 1%GL, 40-50%PY,1%SP | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509015 | Elevation: | 970 m | Sample Width : 50 cm | Secondaries: | mge, mja | 6.38 g | 23.2 | 396. | <1 | 4210. | 1.58% |
| Comments : | High grade from 5 | 509014 zone. Rib in. Looks like | boned quartz vein with lamellar a shear banded vein. | nd lensy pyrite par | allel to the vein walls. S | ample | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type: Float | Alteration : | ?CL | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : m | Metallics : | 2-3%CP | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509016 | Elevation: | 940 m | Sample Width : m | Secondaries: | None | 110. | 2.4 | 4141. | <1 | 30. | 154. |
| | Orientation: | 1 | True Width : m | Host : | Dark volcanics | | | | | | |
| Comments : | Fine-grained diss | seminated chalco | pyrite. | | | | | | | | |
| | | | | | | | | | | | |
| Sample No. | UTM : | N | Type: Float | Alteration : | sCB, sQZ | Au | Ag | Cu | Mo | Pb | Zn |
| | | E | Strike Length Exp. : m | Metallics : | >1%GL. 15-25%PY. 3%SP | (pob) | (DOM) | (000) | (nom) | (nom) | (DOM) |
| 509017 | Elevation: | 915 m | Sample Width : m | Secondaries: | WGE. mJA | 17.97a | 49.38 | a 744 | <1 | 1680 | 4.32% |
| | Orientation: | 1 | True Width : m | Host : | Quartz-carbonate breccia/v | ein | | 5 / 1 | •• | 10001 | 413270 |
| Comments : | Similar to 509014 | 509015. Grab | from large subangular boulder. (| Quartz-carbonate ve | in with less distinct bandi | na than | | | | | |
| | in 509015 and gre | ater sphalerite | • | | | | | | | | |
| Sample No. | UTM : | N | Type : Grab | Alteration : | sCB, mCL, sEP | Au | Ag | Cu | Mo | Рb | Zn |
| | | E | Strike Length Exp. : 5 m | Metallics : | >1%CP, 1%GL, 2-3%PY, 1%SP | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509018 | Elevation: | 995 m | Sample Width : 3 m | Secondaries: | mGE, mJA, mMN | 900. | 5.6 | 1016. | <1 | 442. | 2628. |
| | Orientation: | / | True Width : ? m | Host : | Altered volcanics | | | | | | |
| Comments : | Mineralization is fabric. | spread through | outcrop over 5m area; possibly a | ltered Fe-carbonate | /epidote shear zone, finely | banded | | | | | |

| | | | | 8 | | | | | | | |
|------------|------------------|-------------------|-----------------------------------|---------------------|----------------------------|----------|--------|--------------|-------|-------|----------|
| EQUITY ENG | INEERING LTD. | | ROCK SAMPLE DESCRIPTIONS | | Pag | je-4- | | | | | |
| Property : | TREK | | NTS : 104G/3W | Date : May | 9, 1994 | | | | | | |
| Sample No. | UTM : | N | Type : Grab | Alteration : | sCB, wCL, mEP | Au | Ag | Cu | Мо | Pb | Zn |
| | | E | Strike Length Exp. : 5-7 m | Metallics : | >1%CP, 1-2%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509019 | Elevation: | 1030 m | Sample Width : 3 m | Secondaries: | WGE, sJA | 150. | 2.2 | 935. | 3. | 24. | 386. |
| | Orientation: | 1 | True Width : ? m | Host : | EP and CB altered volcanic | s | | | | | |
| Comments : | Disseminated min | eralization. | | | | | | | | | |
| Comple No. | | | Time - Cash | Alternation . | -68 -67 | . | | C 11 | Ma | 54 | 7- |
| sample No. | UIM : | | Type: Grab | Atteration : | SUB, SWZ | Au | Ag | LU (mmax) | MO | PD | 2n () |
| 500000 | F1 | E | Strike Length Exp. : 5 m | Metallics : | 1-2%AS, >1%CP, 1-2%PY | (ppp) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509020 | Elevation: | 1050 m | Sample whorn : 10 cm | Secondaries: | WGE, WJA | 290. | 0.6 | 155. | <1 | 6. | 354. |
| | Veining : | 110 / 40 NE | True Width : 10 cm | Host : | Volcanics | | | | | | |
| Comments : | 2m above 509019. | 10cm quartz-car | rbonate vein. | | | | | | | | |
| Sample No. | UTM : | N | Type: Float | Alteration : | sCL | Au | Ag | Cu | Мо | Pb | Zn |
| - | | E | Strike Length Exp. : m | Metallics : | 2-5%CP, >1%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509021 | Elevation: | 1040 m | Sample Width : m | Secondaries: | SGE, SHE, SJA | 1.17 | q 7.6 | 2.27% | 2. | 2. | 184. |
| | Orientation: | / | True Width : m | Host : | Fragmental volcanics | | • | | | | |
| Comments : | 10x10m gossanous | zone; heavy diss | seminated chalcopyrite in homogen | eous chlorite alte | red andesite. | | | | | | |
| Sample No. | UTM : | N | Type : Float? | Alteration : | sCB | Au | Ag | Cu | Mo | Pb | Zn |
| · | | E | Strike Length Exp. : m | Metallics : | 1%GL, 1%PY, 1%SP | (ppb) | (ppm) | (ppm) | (DDM) | (DDM) | (mog) |
| 509022 | Elevation: | 910 m | Sample Width : m | Secondaries: | sHE | 710. | 45.95 | a 976. | 18. | 1.41% | 7.56% |
| | Orientation: | / | True Width : m | Host : | Carbonate altered volcanic | s | | 3 | | | |
| Comments : | Possible subcrop | . Very similar t | to 509006, strong carbonate alter | ed with amoeboid se | ulphide replacements. | | | | | | |
| Sample No. | UTM : | N | Type: Float | Alteration : | sCL, mQZ | Au | Ag | Cu | Mo | РЬ | Zn |
| | | Ε | Strike Length Exp. : m | Metallics : | 1%CP, 3-5%PY, 1%SP | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509023 | Elevation: | 920 m | Sample Width : m | Secondaries: | SGE, SHE, SJA | 65. | 1.2 | 855. | 23. | 88. | 1940. |
| | Orientation: | 1 | True Width : m | Host : | Chlorite altered volcanics | | | | | | |
| Comments : | Grab from one fl | oat boulder. | | | | | | | | | |
| Sample No. | UTM : | 200 N | Type: Chip | Alteration : | sCB, sCL | Au | Aa | Cu | Mo | Pb | Zn |
| | - | 50 E | Strike Length Exp. : 2 m | Metallics | >1%CP. 10%PY | (pph) | (0000) | (DDM) | (nom) | (DDm) | (10070) |
| 509024 | Elevation | 860 m | Sample Width : 1.5 m | Secondaries | SGE SJA | 170 | 2.2 | 2321 | 106 | 502 | 2706 |
| 207024 | Orientation | 100 / 80 NF | True Width : 1 m | Host | Sheared altered volcanice | | | 2721. | | JUL. | 2,00. |
| Comments : | Re-sample of 198 | B: Tom Bell 24550 |)1. Gully extension 1m wide shea | r zone stringers of | massive pyrite and dissemi | nated | | | | | |
| | F/' · · · · | | | | | | | | | | |
| EQUITY ENG | INEERING LTD. | | | ROCK SAMPLE DESCRIPTIONS | - | | Page-5- | | | | | |
|------------|------------------|------|---|--------------------------|--------------|-----------------------|---------|-------|-------|-------|-------|-------|
| Property : | TREK | | | NTS : 104G/3W | Date : May | 9, 1994 | | | | | | |
| Sample No. | UTM : | | N | Type : Float | Alteration : | mCL | Au | Ag | Cu | Мо | Pb | Zn |
| | | | E | Strike Length Exp. : m | Metallics : | 5-10%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509025 | Elevation: | | | Sample Width : m | Secondaries: | sge, sjA | 25. | 0.4 | 85. | 1. | 10. | 86. |
| | Orientation: | | , | True Width : m | Host : | Chlorite altered volc | anics | | | | | |
| Comments : | Disseminated pyr | ite. | | | | | | | | | | |
| | | | | | | | | | | | | |
| Sample No. | UTM : | 200 | S | Type : Grab | Alteration : | mCL | Au | Ag | Cu | Мо | Pb | Zn |
| | | 95 | Е | Strike Length Exp. : 2 m | Metallics : | 1-2%PY | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 509026 | Elevation: | | | Sample Width : 1 m | Secondaries: | sGE, sJA | 510. | 2.6 | 233. | 2. | 88. | 248. |
| | Orientation: | | , | True Width : ? m | Host : | Fragmental volcanics | | | | | | |
| Comments : | Pyritic. | | | | | | | | | | | |

.

APPENDIX D

Į

DIAMOND DRILL LOGS

•

| DR | ILL LOG |
|--------------------|----------------------|
| PROJECT | GROUND ELEV. |
| PVU93-01 | 782m |
| HOLE NO. | BEARING |
| TRK93-01 | 325° |
| LOCATION | DIP -45° |
| | |
| | 212' (64,6m) |
| LOGGED BY | HORIZONTAL PROJECT |
| Mark E. Baknes | |
| DATE Sept 19/93 | VERTICAL PROJECT |
| | |
| CONTRACTOR | ALIERATION SCALE |
| Falcon | 0 1 2 3 |
| | slight |
| BRIA/ | moderate |
| | intense |
| DATE STARTED | |
| Sept 18/93 | TOTAL SULPHIDE SCALE |
| DATE COMPLETED | 01234 |
| Sept 18/93 | traces only |
| | |
| | 1% - 3% |
| | 3% - 10% |
| | > 10% |
| COMMENTS | LEGEND |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| % CORE REC | UCTURE | | | | | | ······ | | | | r⊊ | Ur h | | | 27 | |
|-------------|-------------------------|---|------------|------------------------|----------|-------------------|---|--------------|---------|-----------|-----------------|------------------------|--------------|---|-----------|------------|
| CORE % CORE | LCT | | <u>_</u> . | | ON R | | DIZ | | | | ~ | ····· | | | -/ | SAM |
| | H H . | GEOLOGICAL DESCRIPTION | > chlorif | Berici Oguart | Depido | FRACTU INTENSI | % VEIN (| biotite | | | | MINERALIZ/ DESCRIPT | ATION ION | TOTAL | FROM | Ţ |
| | | 5-14.0 Augite - Plagioclase Phyric Volcan | nic | | | | | 1 | | | - | | | SC | ļ | _ |
| - | | 8Eq Breccia Tuff | | | | | | | | | | | | | | |
| | ├ ── ── | Dark green with bimodal Sizi | e | | | | | | 20 | | | | | | | |
| | | distribution at subaugular tragme | ints. | | | | | ++ | _ | | | | | | | |
| | | Fragments are dark green 0.5 | | | | | | ŢŢ | | • • • • • | • • ••• • • • • | | | | | |
| | | I mm augite phenos (10-15%) wi | rt 6 | | | | | | | | | | | <u> </u> | <u> </u> | + |
| <u>õ</u> | | lesser 0,5-1 mm planoclase | | | | | | | | | | | ···· | · · · | | |
| | | phenos in a green cubuitic a | | | | | | | 4 | | | | | | | • |
| | | epidote aroundwass thats st | Drun | | | | | | | | | •• ••• | | ł | | ł |
| | | A also 2-10 mm in Maltix IV/alt | <u>v</u> | | | | | | | | • | | | | | |
| | | compositionally similar to freques | | | | | | | | .5 | | | | | <u> </u> | \uparrow |
| | | time-med grained with ability | | | ++++ | 6 | | | | | | | | | | |
| <u>0</u> | | Crystal Tragments & whole XA | | | | Ξž | | | | • | | | | | | |
| 2 | | at quarte + TSP. Fine Mix, chil | | | ╧╧ | | | | | | | , | | | ļ | |
| | | ITIC & Epidele Vich. Alters cryst | -h | | | | | | | - | | | | | | 1- |
| | | Lift Some trans voorteer + m | | | ╧╧╧╋ | | | | | | | | | | | T |
| | | has till law at thus have | | | ╪┊╂╪ | | | ++1 | | | | | | | | 1 |
| | | (15-122) Moderate condite + | | | | | | \mp | i | | | | | | | 1 |
| | | delacite + at alteration main | 1. +++ | | | | | ++- | | | | | | | | |
| ۶ <u>–</u> | | in fulf intr a 95 local develope | J | | ++++ | | | +++ | N | | | | | | | |
| | | falsation (shear falsric also ass | | | | | | | | | | | | , | | Γ |
| | | ata alcite stringers 1 as epix | J- | | | | | | | · | | | | | | |
| | ╏╌╡╌┨ | etz - fsp stringers | ╶╴┨┼┼╂ | | | | | | | • | | | | | | |
| | | a 48 m CA to shar 50° | 12.3 | | | | | | | . | | | | | | |
| | $\frac{1}{1}$ | @ 12,0m 2 mm stringer at pp. 7 | tu H | | | | | | | | | | | | | |
| 2 | ┼┽┨ | cpn | | · · | | | <u><u></u> <u></u> </u> | | - • | | | | | | | _ |
| | + | (12,3-14,0) Dark grey green | | | | | | | | ∎ | | | - | | | |
| | | with weak-nil expid alt, mino | v | | | | | | | | | | | | | . |
| | | stKurk of atz calcite fsp | | | | | ╽┼┼┤ | | | | | | | | | |
| | | stringers | | 3 1 1 | R I | 3 5 | ╉┼┿╉ | | | 5 | | | | | | _ |
| 0 | | | | <u></u> | 2 (2 | 30 1 | ╉┼┼╂ | | -14 | ■ | | | | | | |
| | | 1.0-35,9 Plagioclase Phyric Volcanic | | | | | | + | | | | ······ | | | | |
| | ╋ | 8Eb Breccia Tuff | | <u><u><u>S</u></u></u> | NI | | ╉┽┿╉ | | | | | | | • | | |
| | ┼┿┨ | Very similar to 1.5-14.0 but n | 105 5 | YY | 21 | V | | | | | | | | | | |
| | | fraquents are mainly play phyvi | | S S | - E | N L | | | | ┏ ┝─── | | | ····· | | | ┢ |
| • | | with much less augite, Dave green | nisy | | | | | | | | | | · | | | |
| <u>•</u> | | aver with 0.4 cm - 3 cm + occas | sie - | | | 3 | | | • | | | | | | •··· • •• | |
| | | nally > 5-10 cm subangular to rou | ud- | | | | | | | · | | | | | | |
| | + + + | ed trags Frags are plag rich | | | | | | +++ | | | | | | | | - |
| | ++- | > 30% O.2 - Imm cube-Ival lath | <u>s_</u> | | | | | -+-+ -+-+ | 20 | ٥ L | | | | | | - |
| | ++- | otten in pavallel averys Augi | te 🔚 | | | | | ++- | | 1 | | | | | | |
| | ++- | is < 5% at phenos. Groundmass | | | | 3 | | | | | | | | | | |

.

| rac 2 or 6 Photeci. P | 0093.0 | / | | | · · | | | | HOL | ENO.TRK9 |
|--|---------------------------------------|------|---------|-------|------------------|----------|----------|--------|-----------|----------|
| | . Jes | | SAMPLES | \$ | | | AS | SAYS | | |
| MINERALIZATION DESCRIPTION | TOTAL | FROM | то | WIDTH | SAMPLE NUMBER | chlorite | sericite | guartz | | |
| | | | | | · · · · | - | | | | |
| ····· | | | | | | . | | | | |
| | | | | | ···· . | | | · · · | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | ··· - · | | | | | | | |
| | | | | | · · · · | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | ; - · | •• | • ·· | · · | | - |
| | | | | | (| | | | · · · · · | |
| | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | | |
| | | | | - | | | | | | |
| | | | | | | | | | | |
| | · · · · · | | · · | | - | | - | ••• | | |
| | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | - | | | | |
| | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | | |
| · | ······ | | | | ì | | | | | - |
| | | | | | 1 | | | | | |
| ······································ | | - | | - | 1 / | | | | | |
| | | | | | | | | | | |

| PAGE 2 | | OF | 6 | PROJECT: PUUQ3-01 | | | | | HOLEN | 10.7R | RK93 | 0 | *7 | PAC | ie 4 | OF 6 | PROJECT: PV | 093 | -01 | | | | | | |
|---|-----------|-----------|----------|--|------------|----------|------------|----------|----------|-----------------------|-----------|----------|------------|-----------|-----------|-------------------------|----------------|--------------|-----------------|---------|-------|------------------|------------|--------|-----------|
| | 0 | | <u> </u> | | | AL | TERATI | ON | | | N | - | | | | | - F | ES | | SAMPLES | S | | | ASS | AYS |
| DEPTH (m) | % CORE RE | LITHOLOGY | STRUCTUR | GEOLOGICAL DESCRIPTION | xhbuite | Berich | agentz | Depidate | meakite | FRACTURE INTENSITY | % VEIN QT | | 25 | | | MINERALIZA DESCRIPTI | TION ON | | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu pom |
| | | | | + smaller prop, at crystals. Plag | | | | - | | + | | | | | | | | | | | | | | • • | |
| | | | | + lesser argite are in matrix M | | | | | | | | | 2 | | | | | | | - | | | | | |
| - | | | | a dark aver green tutt: trad | 2 24 | # | | | | | | | - | | | | | | · · · · · · · · | | | | | | |
| - 25 | | | | section may be langers with | | | | | | | | | | | | | | - | | | | | | | |
| - | | | | 4 therefore be flow or intrusive | | | | | | - | | - | | | | | | | | | | | | | |
| - | | | | bxx. Ravely lauge frags contain | | | | - | | | | | | | | | | | | | | | | · • · | į., , |
| - | | | | 15% 1-2 mm at anyadules, Unit | | 3 | | | | | | | | | | · · · • · · · - | | | | | | | | | |
| - | | | | might also be volcance agglomente | 2, 5 | 3 | 150 05) | | | | 4- | | | | | | | 29,9 | | | | | | | 1 |
| - | | | | Alteration generally wear, section | | <u>5</u> | | E E | | | | | 30 | > | | | | N | · | | | | | | t |
| | | | | andate for at and calcite | 3 | Σ | 3 | 3. | 2 30 | | | | | | | | | 8 | | | | | | | |
| - | | | | Plan crustals weakly attered to | | | | | | | | | | | | ····· ··· · ··. | | | | | | | | | |
| F | | | | epte servicite + calcite. | _ | | | | | | | | | | | | | | | · | | | | | |
| E 30 | | | | | 30 | 12 | | | | 3 | | - | | | | | | N | 1 | | | | | | r |
| - | | | | (24.4-41.2) Increase in prop | • 🔛 | | | | | × | | | | | | | | -N | | | | | | | |
| <u> </u> | | | | ct tsp-epion-alz-calcile siving | - | | | | | | | | - - | | | | | 8- | | | - | | •••• · | | |
| | | | | geve form struct, score to | | | | | | | | | | | | | | 1 | - | | | | | | |
| $\begin{bmatrix} - & \cdot \end{pmatrix}$ | | | | lecalin anastomizina, also assoc | 5 | 5 | | | | | | | 35 | 1 21 | iem pp 1- | -2mm bleks t | v cpyt py | 35.1 | | | | | | | |
| É Í | | | | wear ser-pervasive alt | -5- | 10 | 2 0 | | | | | | | (1) | po tre | py trpy | | 8 | 35,1 | 36.1 | 1.0 | 509101 | <u> 25</u> | 0.4 | 70 |
| - | | | | (30,3.37,9) poteny permaive se | V. 5 | * 5 | | 2 | | | | | | Wis | PY+P9 | to cpy bour | prod | 36.1 | 36.1_ | 36,9 | 0.8 | 509102 | 430 | 0.4 | 3770 |
| | | | | alt at moderate intensity in | <u>s</u> t | à z | S NO | - Ž | 5 3 | | | | | | . pr, 5% | py, 1,5% CI | vy.) | | 7/0 | 222 | 01 | 509103 | 40 | ~ ~ | 100 |
| -35 | | | | Intervening dark chlor. alt. text | | | | | | | | | | - Veiv | ov+ nd | string con | DAS ANTI COS | | 37.2 | 38,1 | 0.8 | 509104 | 425 | 0.2 | 165 |
| - | | | | destructive. | 22 | | | | | | | 1 | | - 2) | disen | + stringer | s φ¢ | 81 | 38.1 | 40,2 | 0.3 | 509105 | 5 | 0.4 | 2/2 |
| | | | | 259-53 B Stimmely Mineralized Chlorite | 2. | | | | | | | | 4 | | | | | X | | | | | | | |
| - | | | | AZO Quartz Sericite Attered Breccie | 7 3 | | 3 | 3 | | | | | | 1 | | | | | | | | | | | |
| — | 1 | | ++- | Tuff | ++ V | Ś | | 15 | 3 | | | | . — | ` | | | • | | | | | | | | |
| E | | | | Section is highly inviable, less | 38 | 1 | | | | | | | -0 | | -1 -1 | | | N. | | | | 6-0.101 | 0 | | 1.0 |
| E | | | | attered intervals where good textu | vest | - | | | | | | | | | l allar | <u>اد-3/3 م</u> | 8. Sharp van | #0.L | 40.2 | 41, 1 | 1,5 | 307 106 | 800 | 0.6 | .49% |
| F | | | | ave preserved are cut by period | | | Ĩ | | | | | | | Fe | atch | es + Stuine | selvs a fine | | | · | | | | | |
| <u> </u> | | | | avery sericite allevations this | | | | | <u> </u> | | | | | لمان ا | seminat | ions (PO 4) | Pu4/ (Pu34) | | 4.7 | 43,4 | 1.7 | 509107 | 60 | 0.2 | 629 |
| - 40 | | | | for structure similar to above | 4 | 0.2 | | | | | | | - 4 | - chl | iv-atz | stringers | corred by chbe | \ge | | | | | | | |
| <u> </u> | | | | - by well mineralized chlorite in | | | | | | | | | | 31 | P. P. | 1 21, cpy | 0,5% | \mathbb{N} | | | | | | | |
| - | | | ++- | grantz stringers, veins + perve | sive | 1 | <u>ş</u> | 2 | ע ז | | | | | - 101 | rg ma | sjes 1 loan | s/veins of men | 43.4 | 43,4 | 45.8 | 24 | SOGIDB | 0,102 | - 1.92 | 2,33% |
| - | | | | texture destructive replacements, | | | 2 2 | | 0 | | | | | PΥ | pø, cp | 3-43 | x-cutting | \geq | | | | | | | |
| E | | | | Sulphides are primarilly in the | | | | | | | | | | P/ | 41. P | y // cpy | 5.1 | \geq | | | | | | | |
| | | | | chlouite vich sections, to, ty + | | 30 | | | | | | | - 73 | L | T Ver 9 | | | \geq | | | | · · · · · · | | | |
| | | - | | py coexist coten t.g. 4 intergion | 40 | | | Ŧ | | | | | | Ms | fa De | aton + c | cpus in atz | 45.0 | 45.8 | 47.0 | 1.2 | 509109 | 545 | 1.2 | .69 % |
| F- | | | | huttle thursels & marce irregular | | | | | | | | | | vei | 15 + chi | or veins | + >90% sx ven | | | | | | - | | |
| | | - | | Wasses | | | | ╂ | | | | | dice. | Ns | PS P | 6 - CPS To | epid + mag. | 40 | 47.0 | 49,0 | 2.0 | 509110 | .054 | 2.8 | 1.97 % |
| - 45 | | | | | | | | | | | | | | gua | nular p | 2 1nteus | ppict + mag. | \searrow | | | ļ | | OZ/T | | |
| E | | | | | | | | | | | | <u> </u> | 1 · · · | lpy | 40 pø | 4, 44 7 | 1, May 31, | \sum | | L | | | | | |
| 1 | | | | | | | | | | | | | | | | | •••• <u>·</u> | | | | | | | | |

HOLE NO. TRK93-01 SAMPLES ASSAYS SAMPLE NUMBER WIDTH то Au Ag Cu ppb ppm ppm MO -----5,1 36,1 1.0 509101 25 0.4 70 6,1 36,9 0.8 509102 430 0.4 3770 69 373 0.4 509103 60 0.2 165 1.3 38,1 0.8 509104 425 0.4 64% 3,1 40.2 0.3 509105 5 0.4 212 D.2 44,7 1,5 509 106 BOD 0.6 .49%) 7 434 1.7 509107 60 0.2 629 1.4 45.8 2.4 50910B 0,102 02/1 2.33%

;

| 4 | 5 | OF | 6 | PROJECT: PVU93.01 | | | | | HOL | E NO.77 | RK93.0 | | F | PAGE | 6 | OF | 6 | PROJECT: | PVI |)9: |
|---|----------|--------|--------|---------------------------------------|------------|-------------|----------------|-----------------------|----------|----------|---------|------|-------|--------------|------------|-------------|----------------------|------------|-----|-------|
| | <u>.</u> | | щ | | | A | LTER | ATION | | | NI | | | | | | | | | Τ |
| | CORER | LHOLOG | RUCTUR | GEOLOGICAL DESCRIPTION | chavila | Sevicite | avert | D - 1 - C epiclete | ale i a | | VEIN QT | | | | | MINE | ERALIZA1 SCRIPTIC | rion On | | TOTAL |
| + | % | 5 | + ST | | A • | B | |) D | Ē | | % | - 46 | - | | | | | | | 1 |
| | E | | | | -41 | <u>ء م</u> | - S | 13 IS | | | | | | | | | | | | |
| | þ | | | | _ | - | | | | 12 | | | | | | | | | · | E |
| | þ | | | | | | | | | 18 | | | | | | | | | | E |
| | F | | | | | | | | | | | | | < | L | | | less tota | 1 | |
| | E | | | | - e | | | | | | | _ | - | < XV | c A | <u> </u> | Le . | | I | 4 |
| | F | | | | 2 | | | | | | | | K | Po Zo | 2. Pa | 6 37 | C04 | 3 100-0 | 3) | |
| | F | | | | 1 | - | | | | 3 | | | 'T | | | | - <i>)</i> rs | | | E |
| | þ | | - | | 5 |) 9 | 2 | | 7 | | | | 1 | AXX - | Lext | VIS | coavse | dison | | 50 |
| | E | | | | | 1÷ | | | | 1 | | 4 | | P3 2/ | CP. | y tu | pd_ | 17, | | R |
| | þ | | | | | Ť | | | | | | | 0 | Nev | Py D | pø_i | in con | , may, epi | J | Ę |
| | ļ | | | | | | | | | Â | | | | 5/100 | 47 | 49 | (-py= | 57. pg | | 6 |
| | Ē | - | | can un Phanalaca al A + Plan | 53 | <i>'</i> .ρ | | | | | | | | Mag. | 51, , | -AJ | -41.) | (4 30 | | 3 |
| | E | | | 85.8-64.6 Flagbelase and Aballe Thyli | | | | | | | | | | 121 | t Pu | dice | m 10 | m blehr | + | ि |
| | ł | | | DED VERANC DEECEN UF | 595 | 8 | | | | | | | i | 2 d | -1 | ring | ers (p | 4 3% po 2% | tra | |
| | þ | | - | Dark grey to greenish grey, 1- | 3 55 | | | 7 2 | | | | | | | | 0 | | | , | S |
| | E | | | + > 5-10cm sub-angular to su | 0- | | | | | | | | I | Śimil | ar 7 | lo a | bove | but weak | ér | ₽ |
| | E | | | vounded fingments of playoclas | e | | | | | | | | ⊢-• | <u>H 1</u> | 105 | <u>57 (</u> | py 1% | pd 2%) | | 3 |
| | þ | | | rich (1-2mm laths), with lesser | | | | | | | | | | | | | | | | |
| | F | | | 0.5- Imm augite phenos, valcanic | <u>د</u> | | | | | | | | | | | | | | | - |
| | E | | | Boundaries at tings atten lique | | | | 5 | | | | | | | | | | | | +- |
| | ŀ | | | file - around with similar but | | | <u> 3</u> | 8 - | | | | | | | | | | | | 1- |
| | F | | | is less crustal ich than frags | . + | | | | | | | | | | | | | | | |
| | E | 1 | | Difficult to tell but appraus to | | | 2 | k | | | | | | ((95) | onal | < | 10% 1 | -ton stin | 43 | 5 |
| | E | | | be mit supported. | | | | | | | | | , 9 | bte c | hler. | cale | ite + | msu c.g. | Py. | F |
| | þ | | | Spoundic Po Py Cpy stuingers | ` ` | | | | <u> </u> | <u> </u> | | | | <u>س</u> ر ، | lina | cpu | , (ps | 4%, cpy t | v, | |
| | ŀ | | | atten chloritic with massive py | , | | | | | | | | ₽ | \$ () | <u>) C</u> | 4 - | 18 | | | 7 |
| | Ē | | | local mod-strong patches co | | | | | | | | | | | | | | | | |
| | | | | sevicite alteration, minou giz- | | | | | | | | | L N | nev (| 95% | X |) vei | y of f.a. | | 6 |
| | | | | epia isp stragers | | | | + | | | | | D | ~ ~ P | الله الم | Ą | 1. 14 | y as la | le- | Ę |
| | | | | | | | | | | | | - | Ĺ | turn | geus | | | 5 | | E |
| | E | | | | | | | ╈ | | | | | 0 | a d | 52.7 | < ٩ | Vein | 58° | | - |
| | | | | | 6 | 4.6 | | | | | | | | | | | | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | ; | | | | | | | - |
| | | | | | | | | | | | | | | | | | | | | - |
| | | | | | | | ┿ | ┿╋┿ | | | | | · | | | | | | | t. |
| | | | | | | | | ┽╂┼ | | | | | Ĺ | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | ╞╋┼ | | | | - | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | Ŀ |

| | | | | | | <u> </u> | | | r | |
|--------------------|------------------|----------|---------------|-------|------------------|----------|-------|-------|------|-------------|
| PROJECT: PVU | 93. | 01 | | | | | | | HOLE | NO. TRK93-0 |
| | ES | | SAMPLES | 5 | | | ASS | SAYS | | |
| ATION TION | TOTAL | FROM | то | VIDTH | SAMPLE NUMBER | Au | Aig | Cu | | |
| | Š | <u> </u> | | | | pp 6 | ppm | ppm. | | |
| | \geq | | İ. | | | | | | | |
| | \geq | | | | | | · · | | | |
| | \geq | | | | | | - | | | |
| | \geq | | | | | - | | | | |
| , less total | 49.0 | 19,0 | SOA | 1.9 | 509111 | 560 | ZZ | 1.14% | ρ | |
| | | | | | | | | | | |
| s.3., Mag. 3) | | | | | | | - | | | |
| | 60.0 | 5.0 | | | | | | | | |
| se disem | 20.7 | 30.9 | 32,1 | 0,2 | 509112 | 135 | 1.4 | 1955 | | |
| 14 | \mathbb{N}^{-} | <u> </u> | 67 \$ | 19 | 6-9112 | | | | | |
| y may epiol | 52.1 | 5.4.1 | 8. <u>5</u> 5 | · · · | 511000 | 910 | 0,8 | 1.63% | | : |
|) CA 30 | | | | | | | | | | |
| / | \geq | | | | | · • • · | | ····• | | |
| rm blebs + | 53.8 | 53.8 | 55.0 | 1.2 | 509114 | 25 | 0.4 | 664 | | |
| Py 3%, po 2%, trop | | | | | | | | | | |
| | 55.0 | | | | | | | | | |
| but weaker | | 55,0 | 56,0 | 1.0 | 509115 | ∡5 | 0.4 | 322 | | |
| (, pd 2%) | 58.0 | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | · · | | | | | |
| | | | | | ÷ | | | | | |
| | | - | | | | | | | | |
| 1-ten sting | 59.3 | 591.3 | 61,3 | 2,0 | 509116 | 70 | 1.4 | 1070 | | |
| msu c.q. py | \geq | | | - | | | | | | |
| 41, cpy tr, | \geq | | · · · | | | | | | | |
| | 613 | | | | | | | | | |
| | | | | | | | | | | |
| | | 62 6 | 120 | 02 | C0 9117 | - | | • | | • • |
| 19 00 1, g. | 62.5 | 02,5 | 04,0 | 0,5 | 50711/ | 30 | 1.2 | 3/40 | | |
| ry at igit | 62.8- | | | | | | ~ · · | | | |
| 1 58° | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | 1 | | | | | |
| | | | | | ····· · . | | | | | |
| | | | | | | | | ···· | | |
| | | | | | | | | . | | |
| ··· · | | | | | | | | | | |
| | | | | | | | | | | |
| } | | I 1 | | 1 | 1 | | 1 | 1 | | |

and a second second

| COUEL PAGE. DRILLLO | DG |
|--|-------------------------------------|
| PROJECT PVU93-01 TREK | GROUND ELEV. 782 m |
| HOLE NO. TRK93-02 | BEARING 329° |
| LOCATION | |
| Local 276 N 135.5 E | |
| WRTEL 270 N I3B.SE | 120,7 |
| LOGGED BY Mark Baknes | HORIZONTAL PROJECT |
| DATE September 21/03 | VERTICAL PROJECT |
| CONTRACTOR | ALTERATION SCALE |
| Falcon Dvilling Ltd. | 0 1 2 3 absent |
| CORE SIZE BTW | moderate |
| DATE STARTED | intense |
| SEPT 19795 | TOTAL SULPHIDE SCALE |
| Sept 20/93 | traces only |
| DIPTESTS Acid test at bottom hole Apprivent dip -67° Corrected dip -60° | <1% 1% - 3% 3% - 10% > 10% |
| COMMENTS | LEGEND |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | <u></u> |

;

| | 0 | | | | | AL | TERAT | ION | | | N | | | | • - | | 1 |
|-----|-----------|----------|-----------|--|--------------|---------|---------------------------------|-----------|------------------------|----------|------------|--------------------|------------|----------|---------------------|---------------------------------------|--|
| | % CORE RE | ITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION | >Chlor Ho | Bencide | 20myz | O Epolole | E Colcile | FRACTURE | % VEIN QTZ | | Γ | 1 | | MINERIZAT DESCRIPT | ION ION |
| ~ | 0 | | | 0-1.5 CASING | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | 7.5 | | | 1.5 | | | | | | | | | | | | |
| 1.5 | | | _ | 1.5-18.6 Anite + Pleanchese Phymic here: | //, | | | | | | | | म | | | | ······································ |
| | | | | VSta to Broccia Chustel Tuilf | | | | | | | | | | | | | |
| | | | | 850 Dark Granish Gran Distinct | | | | | | R | | | | | | | » |
| | | | | OFQ Dark Oversish Oversish Subject | und | | | | | 12 | +++ | | | | | · · · · · · · · · · · · · · · · · · · | |
| | 100 | | | The maistine is a supple | | | | | | +++ | | | | | | | |
| | | | | 1-onthe second participation | | 11 | | | | | | | | | | | |
| | | | | it is a few for | | | | | ┟┼┽ | | +++ | | | | | | |
| | | | | with 12 min overter + 15p cpt | <u> </u> | | | | | | ┫┼┼ | ╅┽╪┥╺┏ | | | | | · · · · · · · · · · |
| | | | | phena ly greet phototic grad | | | | | | | | | | | | | |
| | | | | Joss Jome Arger Fragments av | <u><</u> | | ┥┽ | | | | ╏┼┼╴ | | | | | | |
| | | | | amugdaloidal with 0.5-Zum au | 108 | | 10 | | | | | | | | | · · · · · · | |
| | 100 | | | boid gez epid filling. The tult | - | | | 10 | | | | | | | | | ····· |
| | | | | Bxx mtx is druk guey green | 50 | | | 0 | 18 | | | | | | | | |
| | | | <u> ~</u> | usually to with both plag t | - 13 | 9 | 2 | 1 | Ě | | | | | | | | |
| | | | | augite cynstals but much less | <u>.</u> | | | | | 76 | +++ | | | | | | |
| | | | | prop than in these. Bxx is | | | | H | $\left \cdot \right $ | 3 | | | ₩ . | | | | |
| | | | | mix supported. May be tull or, | | | | \square | | | ++ | ┼┼┼┘ ш | 1 | | | | |
| | 100 | | | flow box ou agalomerate. | | | | | | 3 | | +++, | | . | | | |
| | | | | Alteration : Variable but generally 1 | ow T | | | | | | -E | | - | | | | |
| | | | | intensity from 1.5-13.8 section for | late | | ╉┼╪ | ╏┙ | | | 1 M | | | | | | |
| | <u> </u> | | + | poss. due to shearing + strangly | | | | | | | | | <u>t i</u> | | | | |
| | | | + + - | chlor-exist att. | | | | | | | | | - | | | | |
| | | | | @ 7.2 CA to shear fol? 70° | | | | | | | | ╪╪╪╡ ┣╸ | | | | | |
| | 0 | | ++ | @ 10,5 " " " 45° | | | | | | | | | | | | | |
| | 0 | | | @ 13.0 " " " 30° | | | | | | | | ┃ ┃ | - | | | | |
| | 1 | | | Munalization: Essentially up will | 13.E | | | +++ | | +++ | | | | 12 6.17 | 36 21 | dian | |
| | | | | local < 1% disem pu | | | | | | | | | | | alia. | nil al | <u> </u> |
| | | | | @ 13 5-13 6 21 disen py | | | | | | | | | | | CHOVE | epia ar | • |
| | | | | 0 17.4.17.5 1/ CON THE OD STUMPER | - 1+ | | | ++ | | | | ┼┼┼┤╺┣╸ | | | | | |
| | | | | | | | | | + | | | | | | | | ······································ |
| | 100 | | | | | | | | | | | | | | | | |
| | | | | | | | ╞╋┥ | -111 | | | | | | | | | |
| | | | | | | | │─<mark>┃</mark>─┤─┤ | | | TH. | | | | | | | |
| | | 1 | | | | | | 15 | 1 | ╞╋╋ | | | 1 | | | | |
| | | | | | | | | | | | | | | 17.4 - 1 | 7.5 1 | -21. cpy | in assoc 1 |
| | | 18.8 | | | | | | | | | | | | - 69 - 3 | tringer | <u>s (Fs</u> | Winger 55 |
| | | | 1-1- | 18.6.64.2 Plaglockse + hesser Augite | <u> </u> _` | | | | | | | | ł | | | | |
| | 100 | | | VStb Phuvic, Lapilli to Breccia IDFF | | | | | | ┝╋┝ | | | | | | | |
| | | | | 8Eb Jern similar to 1.5-18.6 but the | <u>s.</u> | | | | | | | | | | | | |
| | Į | | ++ | ments + matrix contain 5:15%. u | jell | + | + | | | | | | 1 | · | | | |
| | \vdash | ╞ | 1+ | dolined 0.5-2mm enhedral white | · | T - | | | - | | 2.0 | | | | | | |
| | | | ╪╌╪╸ | plagroclaso aths Textually son | <u>-e []</u> | H | \mathbf{H} | + | + | | 13 | 6 | | · | · · · · · · · · · · | | |
| | | | | as above some larger tragmen | 45 31 | | T T T | | | ╪╂┼ | | 8 | L | | | | |
| | | | | anyadaloidal, some tings > 30 | <u>× †</u> | ### | | | | | | | | | | | |
| | | | | - Elagiorlase some coaver have inte | usive | | | | | | ΠĽ | | ł | 1 | | | |

· ., `

8.7

| | | | | | | | | HOLE | NO. |
|---|--------|---------|----------|------------------|----------|-----|------|------|-----|
| T | | SAMPLES | S | | | ASS | SAYS | | |
| | FROM | то | WIDTH | SAMPLE NUMBER | | | | | |
| | | 1 | | | | | | | |
| 1 | | 1 | + | _ | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1 | | | | | | | | | |
| t | | i. | | | | | | | |
| | | 1 | <u> </u> | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ╏ | | | | | | | | | |
| | | | | | | | | | |
| ╞ | | | | | | | | | |
| L | | | | | | | | | |
| | | | | | | | | | |
| | ······ | | | | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | · | | | | | |
| | | | | | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| _ | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | ţ | | |
| | | | | | | | | | |

ï

| | / | | | | | <u>.</u> | | | · | ΔI T | FRAT | | | | | | |
|----|------------|------------|----------------|-------------|-----|---------------|------------------|-----------------|-----------|-------------|----------|------------------------|------------------|-----------------------|---------------------|------------------|------------|
| | % CORE REC | LITHOLOGY | STRUCTURE | | | GEOLOGICAL | DESCRIPTION | | Dehlorite | asericite 3 | OQuartz. | DEpiel | makite | FRACTURE INTENSITY | % VEIN QTZ. | | |
| 5 | | | | 18.5- 6 | 4.2 | appequance | Brecia is | utx | | | | K | | | | | |
| | | | | continue | rc | supported. | With as i- | above | | | ┠┼┼╸ | 13 | ΈΝ," | | | | _ |
| | | | | | | dauk fa | to < 3.5% | cunstal | | | h | 3 | Ī | | | | |
| ~ | 100 | | | - | | conponent. | mtx after | looks | | | N. | 5 | 1 R | | | | - |
| 5 | | | —— | | | laneous ie | could be | flow brecing | | | 1. | 1 | 5 | | | | |
| | | | | | | fuff a goal | omerate | | | | 5 | 8 | | | | | |
| | | | | | | 3 | | | | | 2 | 10 | 8 | | | | - |
| | | | <u> </u> | | | Alteration | Generally | weak, cut | 1 M | ž | 8 | | -NI | | | | E F |
| | | | | | | hu Otz-epi | d-fso str | maer stock- | 3 | 3 | 3 | ě X | 1 S | | | | |
| | | | | | | work begin | ing at (21 | m - 29.9) after | \square | | | | | | | $\left[\right]$ | |
| | 100 | | | ļ — | | v which dow | sith of ver | us decreases | H | | Hi | | | | | | |
| | | | | | | Anastomizina | Stringere van | tomly ouroutes | | | | | | | | | |
| | | | | | | Winaplization | s: From 10 | 3.6 - essent - | FH | ┠┼┼ | | | | | | $\left \right $ | |
| | | | | 1 | | ially ma c | Inhider 10 | in inna Iral | 29 | | | | | | H | H | |
| 30 | | | | <u>†</u> | | disem of | + NV | J | F#Ŧ | HŦ | | | H | | | \square | |
| | | | | | | AIF (275-61 | B) huchase | in at -made | H | | | | اير ا | \square | \square | HT | . <u>.</u> |
| | 100 | , <u> </u> | | | | For all k | last (2.15 |) order | | 1+ | Th- | R. | Ń | | \downarrow | | · |
| | | | | - | | | , local S | local | | | 1 | 3 | 13 | | 11 | 181 | |
| | | | | | | a provesto | | 2 Harris | | | R | 1 | 175 | | | | |
| | | | | <u> </u> | | 201es 60 | 272, CUOV - 1 | sp verariag | | | 3 | 2 | 5 | | ╞┼┽ | 13 | |
| | | | | | | (544-519) | Fig IV. PP | voi /veolace | | | ┟╞╀╴ | H | Η | | | | 1 |
| | 1 | | | <u> </u> | | C37.4-340 | WIZ CHOU | velu/vepace= | | | | | | | ╞┼┼ | | |
| • | 100 | | | | | CAL Main | <u>py 1/. pp</u> | | | | 1 2 | 1 | 1 I | 18 | ╞┼┼╴ | 1 | h |
| | 100 | | | | | CA TO VEIN | 50 | | ₩ | | N. | | | | ╞┼┼┾ | e - | |
| 35 | | | | | | | | | 1¥ | 3 | 1 | 1 | | | | | |
| | | | | | | | | | ┠┼┼ | | | | ĦŦ | ┇┊┼ | ┇╎╌ | | |
| | | | | | | | | | | | | | <u> </u> | ╂┼╪ | ┇┊╪ | 1121 | |
| | | | | | | <u> </u> | | | | ╁┼┼ | ╊╪╪╧ | | | | ╏╬ | ╞┼┼┥ | |
| | . | | | | | | | | | ╉╬╧ | | ╊╁╪ | | | $\ddagger \ddagger$ | ╏┤┼┼┤ | |
| | 100 | <u> </u> | | | | | | | | ┢┼┼ | | | | | <u><u></u>╡┼╍┿</u> | ╞┼┼┤ | |
| | | | | | | | <u> </u> | · · | ╞╧╪ | | | | | | | ┇┥┥ | |
| | | | | <u> </u> | | | | • | ┟┼┼ | ╋┾┽ | | ╞┼┼╴ | ╉┼┼┾ | ╁┼┾ | ╪┼╪ | | |
| | | | | <u> </u> | | | | | Ħ | | | ## | | | ╞┼┼╴ | ┇╏ | |
| | | | | | - 4 | | ······ | | ╞╧┼ | ╞┾┼ | ╁┼┼ | | | | ++ | ┇┼┼┨ | |
| 40 | | | | <u>_</u> | | | | | ┢╪╪ | ╉┼┼ | | <u></u> ↓ ↓ ↓ | ╪┼╪ | 11 | | ╪╪╪┥ | |
| | 100 | ` | | <u> </u> | | | | | ╞┊┼ | | | ╞┼┽ | ╁┼┼ | | | ╂┼┼┤ | [|
| | | | | <u> </u> | | <u> </u> | | | ╞┼┼ | | | ╆┼┾ | | | ╉┼┼ | ╞┼┾┨ | |
| | | | | <u> </u> | | | | | ╂╂╂ | | | | ╁┼┼ | Ê | ╪╪╪ | ╂╂╞┥ | |
| | - | | | <u> </u> | - | | | | | | | ╞┼┼ | ╋╋╪ | 44.9 | ╉┼┼┾ | ╁┼┼┤ | [|
| | | | | | | | | | ╘ | ╧┼╧ | ╉╫┾ | ╏┼┼┼ | | | ╋╋ ╋╋ | ╅╪╪╡ | |
| | | | | | | | | | | | ╁┼┼ | | ╈┼┼ | | | ╁┼┾┥ | |
| | joc | , | | 1 | | | | | - | | | ┢┟┝ | | ╅┼┼ | | | |
| • | | | + | - - - | | | | | | | | | | 13 | | | |
| | | | | ┦─── | | | | · | | | ++- | | | \pm | ╈ | ╁┼┼┥ | |
| 45 | - | | | - | | | | | H | | ╂┯ | H^+ | | | | | |
| | | | ++ | -4 | | 1 | | | | TTT | TTT | 111 | | | 111 | 111 | |

· · · · ·)

| PAGE 4 OF | PROJECT: | | | | | | | | | HOL | Ë NO. |
|--|----------|-------------|-------|----------|-------|---------------------------------------|---|----------|------------|----------|---------------------------------------|
| | | ES . | | SAMPLES | 3 | | | AS | SAYS | | |
| MINERIZATIO | DN PN | SULPHID | FRO | и то | WIDTH | SAMPLE NUMBER | | | | | |
| | | | | | | | | | | | |
| | | | - | | | | | | | ļ | · · · · · · · · · · · · |
| | | | | | | | | | | | + |
| | | | j | | | | | | | | |
| | | | 1 | 1 | | | | | | | |
| ····· | | | | | | | | | | | |
| | | | ļ | _ | | | | | | ļ | |
| | [| | | | | | ļ | ļ | | <u> </u> | |
| | | | | | | | | <u> </u> | | | |
| | | ╞┼┽┥ | | | | | | † | | | |
| | | | | | | | | 1 | | | |
| | | | | | | | | | | | |
| | | | 1 | _ | | | | | | ļ | |
| ······································ | | | | | | - | | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | ╞┼╾┼╏ | r | | | | | | | | |
| | | | : | | | | | | <u> </u> , | | |
| | | | | | | | | | | | |
| | | | | | | | | | L | | |
| • | | | | | | | | | | | |
| | | | | | | | | | | | · · · · · · |
| | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | - | | | | | | | | | | |
| | F | | | _ | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | ┿┿╋ | , | 1 | | | | | | | |
| | | | [| | | | | | | | |
| ······································ | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | i | | | | | | | | |
| ······································ | | ┽┽┨ | | <u> </u> | | | | | | | |
| | | ┿┼╊ | | <u> </u> | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | 1 | | | | | | | | |
| | | $+ \square$ | | | | | | | | | |
| | | ┿┿┫ | | | | | | | | | ····· |
| | | | | <u> </u> | | | | | | | |
| | | | | | | | | | | | |

| 5 OF | PROJECT: | | | HOLE NO. | | | PAGE | 6 OF | | PROJECT: PI | 1093 | -01 | TRE | ĸ | | | | | HOLE NO. TRK9 |
|------------------------------------|-----------------|---------------------------------------|---|--|---------------------------------|---------------------------------------|----------|---------------------------------------|-------------------------|---------------------------------------|--------------------|------------|--------|-------|------------------|---------------|------------|-----------|---------------------------------------|
| | I | | ALTERATIO | DN U | | | | , | | | ES | | SAMPLE | S | | | AS | SAYS | |
| & CORE RE LITHOLOGY STRUCTUR | | GEOLOGICAL DESCRIPTION | DChlovite Bsencite Caladz | OEpiclale mcaleida FRACTUR | % VEIN O | 4 | ¢6 | MIN DES | NERIZATION SCRIPTION | N 1 | | FROM | то | WIDTH | SAMPLE NUMBER | Au Pplo | Ag | Cu | |
| | - | | | | | - . | | | <u> </u> | | | - | | | | <u> </u> | + | | |
| 100 | - | | | | | | | * | | | | | | | | | | ╂ | |
| | - | | 47.5 | | | , g | | | | | | <u> </u> | | | | | <u> </u> | + | |
| | - | · · · · · · · · · · · · · · · · · · · | ╾╾╋╧┼╂┿╋┼┾╋ | ┼┼╋┿┿╋┾ | | | | | | | | + | | | | | | + | |
| | - + | | ╄┲╡┿┥┥┥┙┙ ╋┟╖╡╋┝╴┨┿╋┯┥ | | | | | | | | | | | 1 | | | <u>†</u> | ++ | |
| |] | | | | | | | | | | | | | | | | <u> </u> | | |
| 100 | | | | | | | 0 | | | | | - · · | | | | | | | |
| | | | | ┶╧┠╎┿┨┾ | ╧╋┽╧╋┿┽╴ | | · | | | | | | | ļ | | | | | |
| | | | | ┿┿╋┊╋┥ | ┿╋┿╋╞┾┼ | | ļ | | | · | | | | | | | | <u> </u> | |
| | | ` | ─── ───────────────────────────────── | ╺┝╺┝╺┠╺┠╺┠╺ | ┽╂┼┼┼┼ | | | | | | | | | | | | ļ | | |
| | | | <u>───</u> | | 3 | | | | | | | <u> (</u> | | | | | ┢─── | ┼───┼ | |
| | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | <u> </u> | |
| | | | Σ | | | | | · | | | | <u> </u> | | | | | <u> </u> ' | | |
| | | | | | | | Weak | C Pu-Po M | Muquali | andian in | 94.4 | 54.4 | 55 6 | 1.2 | 509118 | 20 | 0.6 | 285 | |
| | | | | | | 10 L | moder | ntely - wkiy | Sev e | eoid alt | | | 23,0 | | | | 0.0 | 000 | |
| | | | | 2 2 | 5 | | , tuff | -BXX. fine | disen 1 | patches + | 13 | | | | | | | | |
| | + | | | (D) (C) | 12 | · · · · · · · · · · · · · · · · · · · | mina | v cause p | <u>y iv a</u> | ssoc to | 356 | | | | | | | | |
| 100 | | · · · | | 10 10 | | | j_G12 | -chlar-fsp | <u></u> | evs | | L | | | | | | | |
| | | | 3 9 1 | 5 5 | | | (54.5 | -55.6; 21.2 | En 1% Pr | t in at 2- | ┝-┼-┼-┴- ┥╼┿╼┿╌ | 1 | | | | | L | | |
| | | | | | | | dila | -tsp stringe: | is ct- | Vein so | | | | | | | ļ! | | · . |
| | | | | 8 3 | | 5. J. . . | (59.8 | - 63.1) 3-4 | 41. py+ | - <u>1% p</u> g | | | | | | | ⊢! | | |
| | | | | | | | בלעות | gers CA - | veins s | <u> </u> | | · · · · · | | | | | rl | | |
| | | | | | ┝┥╊┝┥╋┿╞ ┝┥╋┝┥╋┿╋ | | | | | | | | | | | | l | ┝───┼ | |
| 100 | | | ┉──┫╋╋╋ | ┃┝┤╋┝┥╄ ┫┝┤╋┝┽╋ | ╞╡╞╞╡╡╡ ╷╷┡┾┽╉┼┊ | | | • • • • | | · · · · · · · · · · · · · · · · · · · | ┝╺┞╺╎╶╎ | · · · · · | | | | | I | ├──┼ | |
| - +- | | · | ╾╼╾ ╏╎┙╏┊┇╏┊╡ | ┟┼┿┨┽╪╂ ┠┽┽╉┿┼╋ | ┿┿╋┽┝╋┿╪ ╆┾╋┽┝╊┾╋ | | 2 | | | - | | 1 | | | | | | r+ | |
| | ╞╡────┤ | | ┿┤ ╿╎╎╎╎╎ | ╏┥┝╏┥┍ ┲ ┨┥┍ ┠┽┿╋ | | | | | | | | | · | | | | | + | |
| | | | ──── │ ┾┼╊┼┾╂┾┤ | | | | | | | | | | | | | | | | |
| | | | | | ┥┊┠┽╡╋╡ | 1 | | · · · · · · · · · · · · · · · · · · · | | | | i | | | | | | | |
| 100 | | | 61.8 | ┟╪╪╪╪╪ ╋ ┧┍╼┟┝┍┿ | <mark>┥┥┠╎┙╘╪╡</mark> ┥┥┠╎┥ | - 4 | | | | | 62.2 | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | ╪╅╪╪ | | | - Mad S | <u>sev alt, dise</u> | em + 1-: | 3 mm Py | | 62.2 | 64.2 | 2.0 | 509119 | _50_ | 1.6 | 1245 | · · · · · · · · · · · · · · · · · · · |
| | | | | E E | | | Slunge | evs with atz | z-chlor | CA- Stringen | | | | | | | | ┢───┼╸ | |
| | | | | 3 3 | ┥╪╋╪╪ | | 57 | CX/. py 0.5- | 17.10 | <u>ч сру)</u> | | | | | | | | r | |
| 49.2 | | | 64.2 | | ┥┥┥┍┝╞╪ ═ | | - Wand | sex alt month | 1- sture | = atz chlau | | 64-2 | 66 1 | 1.9 | 509120 | 36 | 08 | 6.32 | |
| | 64.2-86.1 | Strongly Chlorite + Quartz | | | | | as st | vingers >20 | i at se | stion cuse | | <u></u> | 00 | | 00 1120 | | | | |
| | AZa | Sevicite litered cone. | | | | | py in | stringers C | - 28° (R | 51. Pd 17. tropy) | 5 | i | | | | | | | |
| | <u>+-</u> | Highly bradle setter bound | leini- | 2 4 8 | | 1 | - 15cm | MSV po Very | with a | adj msv py | 66. | | | | | | | | CA-Vein |
| | | texture destructive alleveniet, | tuff- Va 2 5 | <u>W</u> M M | | | with c | hlor mag. (Po | 50% Py | 30, Mag 10, (py 31) | | 66.1 | 66.5 | 0.4 | 509121. | .0340 02/T | 0.2 | .95% | |
| | ++ | hereis textures however local | | | ┝ ╻╞╞╋╹╎┥╋┿ | 1" ba - | -1-Stron | g chlor wa | ak sev, | 220% chlor | | 66.5 | 68.5 | 2.0 | 509122 | 190 | 0.4 | .54% | |
| | -{-{ | mes at lesser atteration show | | | ┝ ┇╞╹╹╹╹ | | + 9+2 | + crse py | stringer | s, local green | | | | | | | | | |
| 100 | | Fragmental textures at Lapilli - | ┍╶─── ╞╪╎╊╎┿╊┽╸ ╼──── ╞╤╎╋╵┿╋┥ ╸ | ╺╊┥┥╋┝┥ | ┟┽┽╉┾┿╉┾ | | epid (| (see TRK93-0 | 01) ČA-: | string 30° | | | | | | | | | |
| | | Bxx tuff. Some sections moth | ed Hitte | | | | n 1 - | | -n · | | 38.5 | 10.0 | 7 | 10 | (| | | | |
| | | pale aven with strong sev | 10:04 | | | J F [9 | LINOO S | er chor at | Direccion | tutt 4 10% | // A / | 68.5 | 10.5 | 1.0 | 509123 | 285 | 1.0 | 4630 | |

· ``)

| | • | • | |
|-------|--|---|--|
| | · · · | | .td. |
| | | | |
| | | - | |
| : | | | 1 |
| • • • | and a second state where the second | | a a marine in a survey and the second se |
| | | | 5 |

| PA | GE 7 | | OF | | PROJEC1 | PVU93-01 | | | | ŀ | IOLE | NO.7 | RK9 | 3-2 | | | PAGE |
|-----------|------|----------|------------|-----------|--------------|---|--|----------------|-------------------------|--------|--|--|------------------|-----------------------|---|--------------|---------------|
| | | REC | ЗY | ЯE | | | 0. | ALT | ERATI | ON | | ᇣᠵ | TZ. | | | | |
| 臣 | | REI | oro | JCTL | | GEOLOGICAL DESCRIPTION | bit | vicit | 212 | a fete | L. te | ULL LISN | N | | - | | I |
| DEPI | | % CC | -ітно | STRU | | | A | B | ပို | DEF | E | FRAC | % VE | 100 | | | |
| - | -69 | | | | | 1 mod at verying + flooding, | | | | | | | | | | 64 | 9 - chieve |
| - 7 | n | | | | | with moderate pervasive chovite | | | | | | | | | | | (9,3% |
| Ξ' | 0 | 100 | | | | Other sections dark green with | | | | + | | | 3 | | | 10 | 4:2:5 |
| - | | | | | | counsive charite alteration + | | | | | | | 00 | | | | Visol -0 |
| | | | | | | eve hy investion veins & vertex- | | | | ++ | | | ×. | | | | (6+2) |
| - | | | | | | acouts at charite + qtz 4 | | H | | | | | | | | | you chi |
| 1 | | | | | | aften with convse py, or | | | | | | | 106 | | | | Cpu 1% |
| F | | | | | 1 | f.g. po + py + cpy Below | | | | | | | 4 | | | | - iliod Se |
| F | | 100 | | | | 76.3 the attention has purple hue | | | | | | | 0 | | | Ļ | 1. disou |
| Ē | | | | | | likely due to t.g. 010. Why also | ┟┼┼ | | | | | | log- | | | | + |
| E | | | | | ····· | Dettering alt) | ╀┊┼ | | ┟┼┼╉ | | | | V | | | - | |
| -75 | 5 | | | | - | tollassic and | | | | | | | | | | 7 | s illigat Se |
| F | | | | | | | | | | + | | | | | | | elisem. |
| F | | | | ╞╌╞╼╸ | | | 7643 | | | ++- | | | ++ | | | | CA- st |
| F | | 100 | | | | · · · · · · · · · · · · · · · · · · · | | h | | 8 | | | | | | | Prie onl |
| F | | | | | | | | 271 | 5 | N. | | | | h | | | Sinded 4 |
| E. | | | | | | · · · | | 1 Å | L <u>í</u> | -F | | | | C. | | . | cuieu > |
| E | | | | | | | 18 | - 1 | 0 | q | | ┢┼┽╴ | H | | | | Similar |
| Ē | | | | | | | | - Se | | - | | | 12 | | | | . sev - bio |
| E | | | | | | | | 13 | 18 | P | | | व | - ţ | | 1.1 | (Pu 6%. P |
| Fe | ю | 100 | | | 1 | | - 5 | -R | 3- | 3 | | -+ | à | <u>a</u> | | 30 | Mod-5 |
| Ę | - | ļ | | | | | | I | 13 | 550 | | | 3 | 8 | | | Chler-Q |
| F | | | | | | | 5 | 4 | В | 9 | | | ź | | | | Pu in V |
| F | | ┢ | | | | | 18 | 23 | 5435 | 5 | | 4 | m | 131 | | | (Py 3% 7 |
| F | | | | | | | <u>الم</u> | 5 | ŝ | 1 | | | | <u>₹</u> | | | <u> </u> |
| E | | | | | | - | ŝ | | 5 | 8 | 1 M | ┠┼┼ | ┢┝┝ | 1 | | ~ | Very Si |
| | | 100 | | | · | | 15 | Σ | Ĕ | 3- | <u> </u> | ╏╌┼╌┾╸ | ╏┼┼ | - § - | | | Chia-G |
| F | | | | | | | ┠┼┼ | | ╞┼┼┨ | | | | ╞┼┼ | ┟┼┼┥ | | | CA-V E |
| F | | | <u> </u> | | | · · · | ╏┊┼ | | | ++ | +++ | | $\left \right $ | | | | B. Py |
| F | | | | | - | | | H | | | | | | | 1 | | Tevuasive |
| <u>–8</u> | 5 | | | | | | \mathbb{H} | | | | | | HĪ | ╈╪╪┽┥ | | 85 | Strang C |
| F | | 100 | 86.1 | | - | | 86.1 | | | | | | | | | | Cuse in t |
| F | | | | | 86.1 - 120.7 | Variably Altered Plagiochise + Losser | | | | | | ┟┼┾ | Ħ | | | - F - | Mod porry |
| E | | | | | VStb | Augite Phyvic, hapilli to Breacing | <u></u> | 12 | 8 | 3 | 1 S | ┇╞╪╴ | | 13 | <u>- 3</u> ;, | | 1-2cm (|
| Ε | | ┢ | | | 8Eb | TUFF - Wassive? Plagioclase Pouphyvitic | 3. | ┢┙╍┙ | ┝┼ ╝ ┿╦┲┥ | | ┝┼╤┾ | <u><u></u> <u></u> + + + +</u> | 12 | | | | apris (P) |
| E | | | | | | Andosite | | | | | ╞┼┽ | +++ | 4 | | ; | | Nicol Stu |
| F | | | | | - | Gradational with above intervent 1 | ╍┼┼┼ | 13 | 1 | | \mathbf{H} | | 1. | t v | The second se | | 50% W |
| F | | 100 | , | | - | Very Similar to 18.6-64.2, | 10 | - U | | + | H | | 0 | | | | (Pn 4% |
| È. | | | | ╞┼╴ | | Alternates between hapilli to Burcia | | | | | 1 | | 1 | 3 3 | | _ | Weak p |
| È. | 90 | | — | ╞╌╞╴ | - | fult with plag + origite physic | | | | H | 13 | ++ | | | | 70 | + Py-calci |
| F | | \vdash | | ++ | 1 | tragments, locally brames massive poss | - | | 3 | 4 | H | ╈ | | | | | msv py l |
| F | • | | | \square | <u>]</u> | Ille How of Typical attendin at | | | | 1 | | ╁╁╬ | ╞┼┼ | 15 | | 1 | + |
| F | | 100 | 2 | | <u> </u> | Interval 64.2-86.1 but extent at alt. | - <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | 13 | | | <u></u> <u></u> + + + + + + + + + + + + + | ╁┼┾ | ╞┼┼ | ╉╪╪╴ | | | Kilor - Stro- |
| | 77 | L | | | _L | lece in Terms at Volume. | | | | | | | <u> </u> | ماريني ا ر | | | Leyt ste s |

a service and a service and a service of the

TOTAL SULPHIDES MINERIZATION DESCRIPTION gtz pu stringers 21. Pa 2007, spy) CA-string strong dias alt as > 30% million wad sevicite in · Ver sections (Py 3%, Pp 4) (1. Verus 400 al- and flow? with 1-2 py 1 giz, Isp stringers ralt and. flow? with win Ey & < Si. Icm cuse (stringers (Fy 2%) ing. 40. trey t groon, qt2 ± Kap? the peur bio alt. mad ser 50%, chbr (qt2) py string(6%, Py to above Strong Chlart -g=z Sx in chlor Veins/vep! 13%, qpy 1%) vang Perr Ser with ED? 12 - Py + Bio Verning . Cuse ins, bio forms selvages/hab d 1% cpg 0.5%, CA-V. 45°) ilan to 80.3-82.3 < 20% 2 - Fu- Bio Veining, ava 0.40 high's uniable , iway . struck .g. w 2r interstitial to cps) Sev Qtz + bio KEP flowing chlar, (3% py (1 ops) les youring/replacement to cuse blebs cpy-pd (4). Py 41. Pd 31 cpy sev alt weak char The se py-chlov-qtz-fsp? strin. 4%, Pd 2%, tr. cpm) ~ Chev + atz vepl/voinin creeph + fa pol w ipy Pd 41. cpm 1.5%) (A-V-?str. washer sevicite, KSI Chiru e, stunger stKurk, lecal ensus (221m) (2%. Py, 2%. Pg, 0, 2%. pp servicie all mod & lor chlos Py + at stungers local cpyin chlor (37. Pú 17 or Ast CD-)

OF

15 1

193.4

.....

| PROJECT: SYU | 93.6 | 21 | TRE | K | | | | | HOLE | NO.TRK93-02 |
|------------------------|--------|----------|----------|-------------|------------------|------|---------|-------|------|--|
| | ES | | SAMPLES | 6 | | | ASS | SAYS | | |
| N 7 | | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | |
| | | | <u> </u> | ł | | 1260 | 1ppm | ppm | | |
| CA- string | | | | | | | | | | |
| CA STING | | | <u> </u> | | | | | | | |
| + as > 30% | | 70.5 | 72.5 | 2.0 | 509124 | 420 | 1.4 | 3690 | | |
| d sevicite in | 8 | | | | | | | 2010 | | |
| 5 (Pu 3%, Po 4% | | 1 | | | 1 | | | | | <u> </u> |
| 5777 | 14.5. | | | 1 | | | 1 | | | · · · · · · · · · · · · · · · · · · · |
| ? with 1.2 | | 72.5 | 74.5 | 2.0 | 509:25 | 35 | 0.8 | 477 | | |
| p stringers | | | | | | | | | | |
| | | | | | | | | | | |
| | 74.5 | | | | | | | | | |
| ? with wina | | 74.5 | 76.3 | 1.8 | 509126 | 75 | 0.8 | 1120 | | |
| cm cuse | | | | | | | | | | |
| Fy 2%) | | | | | | | | | | |
| | | (| | | | | | | | |
| atz ± Ksp? | | 76.3 | 78.3 | 2.0 | 509127 | 260 | 2.6 | 3290 | | |
| t. mad sev, | | | | | | | | | | |
| y string(6%, Py) | 70 1 | | | | | | | | | |
| ng Chlar + | | 78.3 | 80:3 | 2.0 | 509:23 | 285 | 0.8 | 3130 | | |
| nlou Veins/vep! | | | | | | | | | | |
| | | | | | | | | | | |
| with 501. | 80.1 | 20.7 | 002 | 2.0 | 600,000 | 215 | | | | |
| ing. Cuse | | د,رھ | 51.5 | 2.0 | 509:201 | 215 | 0.6 | 2640 | | |
| selvages/hits | | | | | | | | | | |
| 7., CA-V. 45 | | | | | | | | ····· | | |
| | 82.1 | 872 | 84.2 | 20 | 609120 | 120 | 00 | 1070 | | |
| | | <u> </u> | 07.5 | X. U | 30-1150 | 120 | 0,0 | 1735 | | |
| le inve struct | 7 | | | | | | | | | |
| dial ty can) | | | | | | | | | | |
| Yee flooding | | 84.3 | 85.0 | 0.7 | 509131 | 910 | 24 | 1100 | | |
| (r cpn) | 85.0 | | | | | | <u></u> | | | · · · · · · · · · · · · · · · · · · · |
| acoment in | | 85.0 | 85,9 | 0.9 | 509:32 | 630 | 3.Z | 71% | | |
| (41, Pm 41, P6 31.cpr) | R | | | | | | | | | |
| chb Tr | | 85,9 | 87,5 | 1:6 | 509:33 | 30 | 0.2 | 780 | | |
| tz- Fsp? strin- | | | | | | | | | | |
| (ph) | 87.5 | | | | | | | | | |
| vept/vening | | 87.5 | 88.9 | 1,4 | 509134 | 50 | 0.6 | 1710 | | |
| for por u cpy | | | | | | | | | | |
| 1) CA-V-?stkurk | | | | | | | | | | |
| < ST. Chiru | | 88.9 | 91.0 | 2.1 | 509135 | 20 | < 0.2 | 725 | | |
| nk, local | | | | | | | | | | |
| P. 21 P. O. 21 (py | | | | | | | | | | |
| | | | | | | | | | | |
| d < 10% chlor | | 91.0 | 91,9 | 0,9 | 509136 | 70 | 0.2 | 1815 | | |
| - chlor | 26 I I | | | | l | | | | | ! ن <u>ــــــــــــــــــــــــــــــــــــ</u> |

| PAGE 9 | • | OF | | PROJECT: | | | | | HOLE | NO. | / | | 1 |
|-------------|-----------|------------|--------------------|---|------------------|----------|-------|-------------|------------------------|----------|-------------|-------------------|-----|
| | 0 | | щ | | | ALT | TERAT | ION | | | N | | Ĭ |
| DEPTH (m) | % CORE RE | LITHOLOG | STRUCTUF | GEOLOGICAL DESCRIPTION | - Lineldo | B | o qlı | D epiday | menterdus | FRACTURI | % VEIN QT | biotife | • |
| | | | | Alteredice typically periodice seminite | | | | | | | | | |
| - | 100 | · | | -hird with stringers or up | | | | ┠┼╍ | | | | | |
| - | | | | to I'm sections of chlorite atz- | | | | | | | | | |
| - | | | | the + Py-Pdt cpy st veins to | | | 111 | | | | | ╆╪╍┿┥ ╆╍┿╍┥ | |
| - | | | | Inverva replacement zones veive | | | | | | | | | |
| - | | | | after from invegulor strekunk- | | | | | | | | | |
| - 95 - | 100 | | | inducit boral minz is strong | | | | | | | | | |
| <u> </u> | | | | 1, 210-15% sulphides 1 5-20 | ┝┿┿ | | | | $\left \cdot \right $ | | | | 1 |
| | | <u> </u> | ┟╌┊╌┨╴╴ | an massive for od with non view | $\left \right $ | | | | \square | | | | 1 |
| | | ┨ | | Con manually 627 / coom winz | H | | | | | | | | - |
| | | <u> </u> | | [n detail) Proven dime a shark with | Ħ | | | H | H | +++ | | | |
| | | | | for newly barrow storage store | | | | | | | ++ | | |
| _ | 100 | , <u> </u> | + + - + - | | | | | | | | | | |
| _ | | | ┠╌┝╼┠┈ | prevalent being 100 m. Statint | | | | | | | | ╊╪┿╪┥ ╋┿┿┽┥ | |
| | | | | +0 TRK93-01. | | | | | | | N | ╊╋┿╪┥ ┺┶┷┷┥ | |
| - | | | | (114,3-120,3) Weak alteration, dark | | | | | | | | | ∎ |
| -100 | | | <u> </u> - | greenish grey tragmental - mossive | | | | | | | -14 | | 60 |
| - | | | <u> </u> _ | fep porp, no significant ser a chia | Ĥ | | ╉┼┼ | | +++ | | 12 | | |
| - . | | | | alt sec cut by Qtz-1sp-epid- | E S | 1++ | | | | | | | • • |
| | μα | ` | ┢╌┥╸ | cale? struger stockwirk | 19 | | | | | | 19 | <u></u> - - - | |
| | | | | | जि | | | | | | 1 | +++ | 6 |
| _ | | | | · | 13 | 1 | | | 11 | | 49 | ╀┼┼┤ | |
| | - | _ | | | 1 | 1++ | | | | 11 | - | ╪╪╪╡ | |
| F | | <u> </u> | ┨_┤─┥ | | | | | † †† | | 1 Š | | | |
| - | | | $\left - \right $ | | - M | | | ╞┼┼ | | | ĮŬ | ╊╋╋┫ | - |
| - | 10 | | \mathbf{H} | | 14 | | | | | | | | |
| F. | | | +++ | | | | | | | | 10 | | |
| - 105 | | | | | | | | | | | | | |
| F | | | | - | \mathbb{H} | -++ | | ╉╋┽ | +++ | +++ | 11 | | |
| F | | | | | Ħ | | | \square | ++ | +++ | -64 | +++ | - |
| | | | | | \square | + | | | | | | ╋┼┿┤ | - |
| F | | | ╆┾╋╸ | | | | ╪┼╪ | ++ | 11 | +++ | +++ | +++ | •• |
| F | 10 | ٥ <u> </u> | ╁╌┾╌┟─ | | ╏┼┤ | +++ | | +++ | ╪╪╡ | | | | B |
| Ē | | | | | ╁┼╡ | ╅┾┼ | ╂╂╪ | | ╈ | ╪╪╪ | +++ | ╪╪╪╡╹ | |
| F | | | | | | | | ╆╪╪ | ╪╪╡ | ╈ | | ╪╪╪╡╺ | |
| F | | | + | | | | | ╂╂╉ | | | | | ~ |
| F | 10 | , — | + | | | | | | | | | | |
| - 110 - See | 14 0 | hange | 4-1-1- | | H | | | | | | | ╈ | |
| E. | | | ╪╌┼╼┨┈ | | | ++1 | | | | + | | | |
| E. | \vdash | - | ╈ | | +++ | | | | | | | +++ | |
| F | | | | | ╂╪┦ | +++ | ╶╂╪╪ | ╉┼┽ | ┼┼┼ | | +++ | | |
| F | 10 | 0 | + + -1 | | | | | | | | 1 11 | | |
| F | L | | | | Ħ | | | | | 11 | | ╶╪┼┽ | - |
| F"5 | | | +++ | | | | 2 | | | | | ╪╪╧╷╺ | |
| F · | 10 | 0 | | | | | | | | ╡┼┟ | | | |
| ┝ | | H | -╊──┠━ | | 9 | 5 | N N | 5 g | ¥ § | 3 1 | -1-1-1 | _↓_╪╧┥ ╹ | |

| PAGE 10 | OF | PROJECT: $\mathcal{P}_{V!}$ | 193- | 01 | TRE | K | | | | | HOLE | NO. TRK93-0 |
|---------------|-------------------------|-----------------------------|-------|--------------|----------|---------------|------------------|----------|-------------|--------------|------|---------------------------------------|
| · | | | ß | | SAMPLE | S | | | AS | SAYS | T | |
| | MINERIZATI | ON ON | TOTAL | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | |
| 2 20% wa | pp in 15c | m yoir + ad, | - | 91.9 | 93.0 | 1.1 | 509137 | 120 | Ppr 0, 2 | .54% | | |
| arcut disc. | - churchers (| F. 15, Fy 21, Cpy 2 | 1 130 | | | | | | | | | CA Par. 50 |
| Micol Sev o | 17 Exx tuff | E < 15% Chh | | 93,0 | 95.0 | 2.0 | 509138 | 150 | 22 | 1840 | | |
| py veins () | (sp fload?) + F | d min cpy. | 5 | 1 | | ļ | ļ | ļ | | | | |
| (Py 4% Pg | <u>(1); (py 0.3</u> | (/) (A-sting 50° | | | | <u> </u> | | <u> </u> | | | | |
| 100.1 C | 11 | • 11 1.1 | 2750 | 860 | 010 | | · | | <u> </u> | | | |
| Pu ada + I | a = Exx - (u) + | WITH & ICT. CHI | 2 | 95.0 | 76.2 | 1.2 | 509 139 | 365 | 1.0 | 3840 | | |
| 17, 45 = 1 | Pris Con 05 | Winer Py, Pg | 94.2 | | | | | | | | | |
| Perv evalt | rp 1/ cpy 012 | l t cou Manue | | 34.2 | 97.2 | $\frac{1}{1}$ | 600100 | | | 1,0 | | |
| (Pd 7% P. 1 | $\frac{1}{2}$ (pp 31) (| A-Par 40° | 97.52 | 10. <u>–</u> | 11.5 | 1.1 | 001140 | 91E | 2.0 | 1.13% | | |
| Wood - Strang | Perry ser al | f = < 5% | | 97.3 | 99 2 | 20 | 609141 | 110 | 40.2 | 001 | | |
| chlar, Qtz-Pr | stringers | with min com | | | | | <u> </u> | 1.0 | -0.2 | 1004 | | |
| (Py 21. Pd 1 | ·2% con 0,5 | x) CA-V. 550 | | 1 | 1 | | | <u> </u> | <u> </u> | ├ | | |
| | | | 97.2 | | | | | | | <u>├</u> ──┤ | | |
| Yeun Wea | Kly altered | Bxx WFF- | | 99.3 | 101,3 | 2.0 | 509142 | 45 | 40.Z | 504 | | |
| with mine | v blebs py | in Otz-fsp | 2 | | | | | | | | | |
| Stungers | (Py 11. Pd 11. |) | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | 191.3 | | | | | | | | | |
| 111. stin | ng Sev alt | To 2 5% chilor | | 101.3 | 103,7 | 2.4 | 509143 | 195 | 0.8 | 2540 | | |
| Stringers 1 | repharment | + gtz chlar | 3 | 1 | | | | | | | | |
| v. (Pø 27 | , PU1% CPU | 0,5 %) | | 1 | | | | | | | | |
| - 0 | | | 105.7 | | | | | | | | | |
| 20rm W/sv pd | Voin To chia | py selv. | 1667 | 103,7 | 104,2 | 0.5 | 509144 | 45 | <0.2 | 1935 | | |
| 10 30%, Cr | <u> 27 py 10</u> | | 1992 | | | | | | | | | |
| View Dr w | w char all | VISIBLE bxx text. | 1/002 | 104.2 | 105,3 | 1.1 | 509145 | 25 | 40.2 | 685 | | |
| mod can he | L (P 7 , P | 1 strong child. | 30 | 105,3 1 | 106,1 | 8.0 | 509146 | 80 | 0.2 | 4700 | | |
| Mid Sor - 4 | L work all | 201, cpg 41,) | | | 100.0 | | (10) 15 | | | | | A-Voir 4 |
| all - end? | - feo ctruck | Initian SX | | 106 .1 | 108.4 | | 507 147 | ~> | 20.2 | _ 5/7 | | |
| CPn 1% . Pd | 21 tr sol? | tr con | 13 | | | | | | | | | |
| | <i></i> | , | | 1 | | | | | | | | |
| Mod - was | K alt acce | I clastic text | 100.4 | 108,4 | 110.4 | | 509 140 | <5 | < 0.2 | 727 | | <u> </u> |
| 10%. chlor- | gtz-Pottopy | Veins | | | | | | | | | | |
| (Pd SI. Pn: | 27. Cpy 0.2 | 7.) | 1 i | 1 | | | | | | | | |
| - Come seal | e | | | | | | | | | | | |
| Strong Chbi | weak sev at | t, replacement | | 110,4 | 112,3 | | 509149 | 40 | Q2 | 3160 | | |
| blebs pd + | c.g. py w | cpy (P\$ 71, Py71, 1).(| | | | | | | | | | |
| 3×15-20cm sem | i msu Pø chl v. l | Po 10%, Pu 5, Cpy 2%. | 17 | 112,3 | 114,3 | | 509150 | 65 | 0.8 | 3350 | C | A· ver 40 |
| 111.14 | | | 195 | | | | | | | | | |
| Wrakly alt | Wlsy - Lapilli | , Plagiochse | | 114,3 | 116,3 | ļ | 509251. | 100 | 0.2 | 660 | | |
| perphyritic | And very | miner Po | 163 | | | | | | | | | |
| In Qtz-Fe | <u>ip-epid st</u> | ungers | | | | | | | | | | |
| Warkin alt VI | MC. 5 cm msv p | ¢ V. = 11. (py. | 163 | 116,3 | 118,3 | | 509252 | <5 | < 0.2 | 201 | | - • |
| WORKIL AT L | WIC TIL DA D | 14 | r | | | - 1 | 1 | 1 | | | | |

1

- 119 120.7 FOH

· ...

| | 3 · |
|---|--------------------------------------|
| PROJECT PVU93-01 TREK | GROUND ELEV. 742 m |
| HOLE NO. TRK93-03 | BEARING 329 ° |
| LOCATION Local 320N ISOE | DIP45 |
| WRT BL. 3IBN 149E | TOTAL LENGTH 168' 51,2m |
| LOGGED BY Mark E. Baknes | HORIZONTAL PROJECT |
| DATE Sept 22/93 | VERTICAL PROJECT |
| CONTRACTOR | ALTERATION SCALE |
| Falcon | 0 1 2 3 absent slight |
| BTW | moderate |
| DATE STARTED Sept 21/93 | TOTAL SULPHIDE SCALE |
| DATE COMPLETED Sept 21/93 | 0 1 2 3 4 |
| DIPTESTS bottom hole Appavent -49° Corrected -41° | < 1% 1% - 3% 3% - 10% > 10% |
| COMMENTS | LEGEND |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | OF | 5 | ; | PROJECT | PVU93-1 | | | | | HOLE | NO. | RKC | 13-03 | | |
|----------|------------|------|---------------|----------|---|------------|----------------|------------------|------------|------|-------------|-------------------|----------|----------|------------------|
| | | TIDE | | - | GEOLOGICAL DESCRIPTION | + | AL1 | | lote NOI | | URE SITY | V QTZ. | | | 11 II. |
| | | | | | | DChle | د B | 0 D G M | Jepie | オッシー | "RAC | 6 VEII | 1 | | and a lateral as |
| ſ | | | - | 0-3.0 | Casing | | | | | | ┼┷═ | | | | . |
| | | | | | | | | | | | | | | | · ķ |
| | | | 4 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | _ | | ······ | | | | | | | | | | |
| ┢ | _ | | 4 | | | 30 | | | | | | | | | |
| | - | | | 3.0-34.5 | Plaginchas + Lesser Augits Hugh | | | | × | | | - | | | · |
| 10 | o= | | | VStb | to tragmontal (| | | Iv. | 12 | | | 13 | | | |
| | | | | BED | Lopilli - Breccia, tult), tradesite | | ++ | | <u>x 1</u> | | | | | | P |
| | - | | | | The last of the second | Pil | Pet | | | | | HS. | | - | |
| | | | | | Dave aver - iver her aver | | | | 193 | | | | | | |
| | | | | | labor time granner out brain | -13 | | in a | | | | | | | |
| to | <u>v</u> = | | | | 201 O.S 3 4 Kavel > 5 cm sub- | 35 | 920 | ě. | | | 15 | | | | |
| | | | _ | | chander to submanded Exception | | - | | 1 | يد ا | 1 | 5 | ╞┽┽┥ | | |
| | | + | - | | - Javaely Degioclase physic I | M | 3 | | F\$ | 13 | | | | [| |
| \vdash | + | + | | | 1-2mm Place, letter but also minor | 8 | N ³ | 1 | 1 | | 0 | 12 | ₩ | 10 1 | É |
| | | | - | | avaite phenes. Frags also varely | M | 4/4 | 4 | 24 | 12 | | | - 2 | | Ļ |
| 10 | | | | | contain 1-3mm atz amugdules. | | | | | | | | | | |
| | | | | | Fraquental textures loss evident | | | | | | | | | | |
| Σ | 0 | | | | then in TRK93-1+2, possibly | | | | | | | | ╞┼┾┨ | | |
| 10 | 0 | | | | because a effection but this sect- | | | | | | | | | | |
| | | | _ | | in appoints to be une of a | | | | | | | | | | ٢ |
| | | ┇ | _ | | Han then tracmental. Evegeneurls | | | | | | | | | | |
| | | | 4 | | may be inducious in flow - le | | | | | | | ++ | | | |
| " | | | | | tlow loveccia. | | | X | | | | | | | |
| | | | · | | | | Ø, | 30 | | | | | | | _ |
| | | | | | Alle due : Genelle - K de | 21/1 | 1301 | | | | R.D | 1412 | | | |
| | | | | | Affectivel, Brudans war to | 1 | å | 8 | | | | | | | - |
| | | | = | | enishing chlasite in zone of | Ha- | + | | | | | | | | |
| 8 | 0 — | | = | | conactistic defarmation | 2 | 2 5 | Ĩ | | S. | <u>H</u> is | , | | <u>.</u> | |
| ľ | | ++ | _ | | (11.1-19.8) Weak attention min | | 3 | | | 2 | | | | | < |
| | | H | _ | | structure of othe epict- fepticatite | 18 | 6 | 6 | 2 | S. | 0- | | | | |
| L | E | | | | local patchy servicite. (19.8-26.3) | 3 | 2 | | R. | 12 | 6 | | | | ŀ |
| | | | _ | | Madovate pouvoisive sevicite with | 3 | - A | 3 | -13 | 3 | | | | | - |
| | | | | | < 10% 0,5-3rm child stringers a | | | | | | 18.17 | | ╞╾┼┼╸┨ | | |
| 10 | v E | ╪╡ | _ | | mina atz-calcite - py-po 1 miner cpy. | | | ╞┼┼┨ | | ++- | Ħ | | | | |
| ľ | | + | _ | | (26.3-34.5) Weak to mod servicite, | | | | | | | ┠┠╍┝═ | | | |
| | | ┼╌┼ | | | mod charite, pervasive + also as | | | | | | \square | | | | |
| ┝ | | ++ | | | struceus to py-pp | · 13 | | - Sh | | | | | | | |
| | | | \exists | | Winewlization: Very minar, locally | 780 | - | 13 | Z | | R | | | | |
| 10 | 0 | | | | where chlarite alt, py 7 pd w | 2 Z 9 I | 300 | 2 | 1 | - K | 1 1 | 1 | | | F |
| | | | | | Traces cpy occur as stringers | a a a | 20 | - S | 3 | 3 | | - Fer | ┢┽┾┨ | | - |
| | | ╉┥ | \rightarrow | | The minic checking inter | + | +7- | ┠┼┼┤ | | | | - R te | | | |

PROJECT: PVU93-0 OF 5 2 MINERIZATION DESCRIPTION ive fg. py vein possible , may be 20-50% rove bss. SS

-

• • • • •

· · ·)

| SAMPLES SAMPLE FROM TO $\frac{1}{50}$ SAMPLE Au Aq Cu ρ ρ ρ ρ α </th <th>0</th> <th>1</th> <th>TREK</th> <th><</th> <th></th> <th></th> <th></th> <th></th> <th>HOLE</th> <th>ENO.TRK93-03</th> | 0 | 1 | TREK | < | | | | | HOLE | ENO.TRK93-03 |
|--|---------------|------|------------|-------|------------------|-----------|-----|-----------|------|--------------|
| FROM TO $\frac{1}{50}$ SMMPLE NUMBER A_{u} Aq Cu | | | SAMPLES | 5 | | | ASS | SAYS | | |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </th <th></th> <th>FROM</th> <th>то</th> <th>WIDTH</th> <th>SAMPLE NUMBER</th> <th>Au ppb</th> <th>Ag</th> <th>Cu ppm</th> <th></th> <th></th> | | FROM | то | WIDTH | SAMPLE NUMBER | Au ppb | Ag | Cu ppm | | |
| 10.3 10.5 0.2 Scq253 915 2.8 .62% 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 10.3 10.5 0.2 Scq253 915 2.8 .62% 1 1 1 1 1 1 1 1 10.3 10.5 0.2 Scq253 915 2.8 .62% 1 10.3 10.5 0.2 Scq253 115 1 1 10.3 10.5 1.4 1 1 1 1 10.3 10.5 1.4 1 1 1 1 | ╡ | | | | | | | | | |
| Image: second | 1 | | | 1 | | | | | | |
| | - | | | 1 | | | | | | |
| Image: Constraint of the second se | 4 | | ļ | | | | | | | |
| 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 0.2 509253 995 2.8 .82% 10.3 10.5 10.5 10.5 10.5 10.5 10.5 10.3 10.5 10.5 10.5 10.5 10.5 10.5 10.3 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 | | | | | _ | | | | | |
| | ┨ | | | | | | | | | |
| | ╡ | | | | | | | | | |
| | t | | | | | | | | | |
| Image: state of the state | | | | | | | | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | · · | | | | | | | |
| Image: state of the state o | 1 | | ļ' | | | | | | | |
| Image: Constraint of the second se | 1 | | | | | | | | | |
| | ╁ | | | | | | | | | |
| | t | | | | | | | | | |
| | l | | | | | | | | | |
| | | | | | | | | | | |
| | 1 | | | | | | | | | |
| Image: set of the | | 10.3 | 10,5 | 0.2 | 509253 | 995 | 2.8 | .82% | | |
| Image: series of the series | ł | | | | | | | | | · |
| Image: Section of the section of t | t | | ! | | | | | | | |
| Image: selection of the | | | : | | | | | | | |
| Image: selection of the | | | | | | | | | | |
| Image: series of the series | 1 | | | | | | | | | |
| Image: state in the state i | $\frac{1}{2}$ | | | | | | | | | |
| Image: Section of the section of t | ┢ | | ···· ··· · | | | | | | | |
| Image: Second | t | | { | | | | | + | | |
| Image: Sector | L | | | | | | | | | |
| Image: Sector of the sector | | | | | |] | | | | |
| Image: Sector of the sector | 1 | | | | | | | | | |
| | ╞ | | | | | | | | | |
| | ┢ | | | | | | | | | |
| | | | | | | | | | + | |
| | | | 1 | | | | | | | |
| | | | 1 | | | |] | | | |
| | - | | | | | | | | | |
| | ╞ | | | | | | | | | |
| | | | > | | | | | | | |
| | - | | | | | | | | | |
| | | | | | | | | | | |

.

| | | | | | ta a ser a la contra depensión de la BRANCE de la contra d Contra de la contra d | | ÷. | • | · ·: | 1. 2000 | 222 | فستنتوز | | <u>igerik (</u> | | |
|-----------|------------|------------|----------|-------------|--|--------------------|----------|-----------|-----------|------------|----------|-----------|------|-----------------|--------|---|
| PAGE | 3 | OF | 5 | PROJECT | T: PVU 93-01 TREK | | | | ŀ | IOLE | NO.71 | RK93 | •3 | | | PAGE 4 OF 5 PROJECT: |
| | <u>ا</u> ن | | ш | | | | ALT | ERAT | ION | | | N | | | | |
| DEPTH (m) | % CORE RE | LITHOLOGY | STRUCTUR | | GEOLOGICAL DESCRIPTION | ~ Chinila | BSarrida | 0 quarte | Depidate | m certesta | FRACTURE | % VEIN QT | Bio | | | MINERIZATION DESCRIPTION |
| | | | | | (3.0-6.7) Wal- stung epid alt sect. | | | | | | | | | | | |
| | | | | | in is retariating Erry To optial where | | | | | | | | | | | |
| F | 100 | ` <u> </u> | | | Similar to BERAZIAZ losal Shear | | | | | | | | | | 11 | |
| E | | | | | fol a CA. fol. 65°, 62° at 5.3 m. | - | | - | | | | | | - | | |
| F | | | | | (10.5m) pd + chy gauge fault | 26.3 | Ħ | | | | | | | | | |
| F | | | | | (galena-limmite ?]) CA. FIH 55° | - Là | | ╞┿┿ | | ╏┼┼╸ | | | | | | · · · · · · · · · · · · · · · · · · · |
| F | Ì | | | | (13.0m) loral amygdules. | | | | | | | | | - | r | • · · · · · · · · · · · · · · · · · · · |
| F | | | | | (19.0-19.3) Fragmental augite physic. | | | | | | | | | | | Purite - Purchatite - Chapite new |
| F | | | | | (30.3-30.8) 1-3mm gtz Filled anyqdu | | | | | | | | | Ľ | | Massine 30% clobude is interest |
| E | | | | | (32.3 - 34,5) Good Fungmontal texture | | | | | | | R | | | • | the ma banded + patche on + |
| F | | | | | frags are annugdalcidal | | | | | | | | ╏┽┼┤ | | | the banded of 100 Mis (DA |
| F, | | 1 | | | | 13 | 5 | | | | | | | | | (PK 10% Pu 10%) CA-V 60° |
| F | | | | | | 15 | | 15 | ╏╎┼╸┊╸ | | ╉┼┼╴ | ┠┼╁╴ | | | 30 | |
| F | 1 | | | | | - ŏ- | | - ta | | | ╂┾╞ | | | | | |
| F | ∞ | | | | | | -3 | | | | 15 | | | | 7 | Mad children alternal many ander |
| F | | | - | - | | 5 | <u> </u> | 4 | | 11 | 18 | | ╎┼┼┼ | ļ | | The 10% 0.2- Acta Mary Due Od |
| F | | | | | | N N | 1 3 | -13 | <u>عا</u> | 3 | | | 15 | , P | 1 | Clabanita A label strume airs = d |
| F. | | | | | | | | | | | 19 | 330 | | | | en Ch de ch an vanille si |
| _ | | | + | | | | | | | | | | | ، ۱ | | ml Par dile alt k alk k (a: P) |
| F | | | +-+ | | | $\left + \right $ | - | | | | | | | | | I man from ches all we stewic (x/, ty) |
| F | | 74.5 | | 34.5 - 40.5 | Well Minevalized + Strongly | 34.0 | 5 | | | | | | | | • | When the set of the se |
| F | | | | AZO | Chlorite Altered Section | | | | | | | | | | | Con (Pro C') Pd (1) con 12) CA PUNE TO |
| F-35 | | | | - | 5-90% Sulphides margin of massiv | e P | | Å | 0 | Ŀ | | | | | 35 | Work und all all surd of (120, 12 Pr 4 |
| F | | | | - | sulphides is strongly chlarite alt to | 4 | | | | 륟 | | -F | ┟┼┽ | | Į | in chine and |
| F | | | | | intense where > 90% was chlowite in | - X | | a şi | 152 | ă | | - 5 | 6 | | | $\sum_{i=1}^{n} \frac{1}{2} \sum_{i=1}^{n} \frac{1}{2} \sum_{i$ |
| F | | _ | 1 | _ | minar atz as stringous A silicified | 2 | | 1 | 1 | | | B | | | | May Pd unio and an |
| F | 101 | | | - | zones. Chlorite zones after have | 1 a | | - | E S | | | | 1è | - | 5 | DAD' E din T ou of din (20 0, 000) |
| | | 1 | | - | chlar-on 1 chlor od sturger stockua | K d | | Ś | | 17 | 38 0 | | | | | Wery D / your water and a fact of the |
| F | | | | | to minor con Man also be hintite | Ē | 2 | <u>ين</u> | 11: | | | | E | | | (::) 1 27 (- 27 0 W) -11 |
| F | | + | ++- | | Wassive subhider are > 80% F.a. | 1 | R S | 3 | 56 | | | H X | | | L. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| F | | | | | Do with coarse Du on marcins | | | | | | 5 | | | | | LOID with MSV STUDGERS (ry 3/, rg 57, CP) |
| F | | | | | that have interstitual epidete A | | | | | | | | | | 4 | Dimiter to acceve strong chlor + atz |

40,3

magnetite (sim 93-112) Chalcopyute

occurs in massive pt is whispy

lenses, Massive sulphides have sharp

contacts - likely veins. * Btu contact

fault, very weak movalization bewarth

Fragment Poor Plagioclase Physic Anadesite Breccici Tuss (Flow breccig -

agglomerate?) Windium greenish gray, Matrix

supported, fragments 1-15 cm

• • •

(40.3m) " " 40° "

(39.6 m) CA to fault 50° cdz-py-day calcitation (40.3 m) " " 40° " " " "

_____35 _____40 _____45

40.5

╺╪╌

40.5-51.2

- Vstc 8Ec

altered way, andosite 3cm mov py-pd 161. stringers in tu stungers variable 55°. alt wk stkwik (21, Pv) mod ser, stKwik Pu-Po + 61, CPY 17,) CA PO'V - 38" alt Bxx tuilf (17. Pv, 17. Po t. cpr) 35-5 (Py 61, Pd 3% O.S% (py) FY I may epic marg. (701.96 61.00 PV-pd string (3%, PV, 5%, Pd 2%, cpv) 37.9 Wsv chlor+ atz + stringers (PV 3%, P6 5% (PV 1%) strang chlor + atz all, To 5x stringers (Py 10%, P& 3%, (py .5 40 Cut by Fault at both CA.FH, 50°+35° 40° Mod perunsive childrent altered was andesite (below fH) youn mina disom Dy 1 to sx in qtz. Esp stringers. Ņ

| 1)93 1 | S · C | ۲ | <u> </u> | K. | | T | | | HOLE | NO. TRK93.03 |
|-----------|----------------------------|-------|--------------|---|------------------|------------|----------|--|------|---------------|
| . | ES | 5 | SAMPLES | 3 | | | ASS | SAYS | | l · |
| DTAL | PHIC | - | | E | SAMPLE NUMBER | Δ. | 0- | $\left \begin{array}{c} \\ \\ \\ \end{array} \right $ | | |
| Ĭ | SUL | FROM | 0 10 | - DIM | | HU | Hg | m | | |
| | | | <u> </u> | | | <u>bbe</u> | thew | ppm | | |
| | | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u>├</u> | | |
| H | | | <u> </u> | | <u> </u> | | | | ··· | |
| | 1 | | | | | <u> </u> | | | | |
| \square | | | | | | | | | | |
| | - | | | | | | | | | |
| 17 | 4 | | | | | | | | | |
| 26 | ж 2 | 27.6 | 28.2 | 0.6 | 509254 | 60 | 0.8 | 3070 | | |
| | - | | | | | ļ | ļ | | | |
| | | | | | | | <u> </u> | | | |
| | - | | | | | <u> </u> | | | | |
| | | | | | | | | | - | · |
| | - | | | | | | | | | |
| 31 | 4 | 31.2 | 32.2 | 1.1 | 509255 | 25 | 0.2 | 1695 | | |
| Z | 2 | | | | 00 1000 | | | 10.2 | | |
| 32 | 3 | | | | | | | · | | |
| \square | | | | · | | | | | | |
| 17 | 5 | 33.5 | 34,5 | 1.0 : | 509256 | 45 | 40.2 | 124 | | |
| 12 | " | | | | | | | | | |
| 84 | 5 | 34,5 | 35,5 | 1.0 | 509 25 7 | 35 | 0.2 | 3310 | | |
| 14 | 2 | | | | | | | | | |
| 35 | 5 | 35,5 | 36,3 | 0.8 | 609 258 | < 5 | × 0,2 | 323 | | |
| 2 | $\frac{\lambda}{\sqrt{2}}$ | 41.0 | | 1 | 606266 | | | | · | |
| * | * | 36.3 | 36.9 171 | 0,6 | 509259 | 140 | 0.4 | .69% | | <u></u> |
| 7 | 52 | 36.7 | 31,6 27 a | 0.7 | 509260 | 245 | 0,2 | .7710 | | CA 16 V. 35 |
| 37 | * | 279 | 38.1 | 0.5 | 509262 | 175 | 20.2 | 4600 | | |
| 38 | | 38.1 | 39.1 | 1.0 | 509262 | 210 | 0.4 | 3100 | | |
| 9 | <u>×</u> | | | | | <u></u> | <u> </u> | 2.22 | , | CAtosty - 50° |
| | ÷ | 39,1 | 40,3 | 1.2 | 509264 | 310 | 1.6 | 4640 | | |
| 13 | 4 | | | 1 | | | | | | |
| - 44 | 3 | | | ; | | | | | | |
| | $\frac{1}{2}$ | 40,3 | 42,3 | 2.0 | 509265 | 45 | <0.2 | 226 | | |
| | * | | | | | | | | | |
| 41 | | | | | | | | | | |
| | | | | | | | | | | |
| | \square | | | | | | | | | |
| | H | | | | | | | | | |
| ++ | | | | | | | | | | |
| - | ╪┥ | | | | | | | | | |
| | | | | i | | | | | | |
| | | | | | | | | | | |
| | | | | 1 | | | | | | |
| + | | | | i P | | | | | | |
| | | | | | | | | | | |

chlorite is interstituil

PVU93.

12%

| AGE | 5 | | OF | 5 | PROJECT: | PVU93-01 TREIC | | | | | HOLE | NO.7 | RK9 | 3.03 |
|------|-----|-----------|-----------|-----------|------------|---|-----------|--------------------|--------------------------|-------------------------|---------------------------------------|-----------------------|----------------------|----------------|
| | | ပ္ပ | | щ | | | | ALT | ERAT | ION | | | Ň | |
| | | % CORE RE | LITHOLOGY | STRUCTUR | | GEOLOGICAL DESCRIPTION | Dchbuile | asencite | Oquartz | U epidola | m calcile | FRACTURE INTENSITY | % VEIN QT | bio |
| -1-7 | | 100 | | | | light colored plag inch to > 30% | | | | - | | 47.B | | |
| | | | | | | <u>cis-2mm plag. Liths mina augite.</u> | | 8 | 5 | 12 | 3 | 3 | | |
| | | | | | | trags vary from dark matic to light | 13 | 135 | - SD | | - F | 100 | ++ | |
| | | | | _ | | telsic depending on prop. at plag. | 220 | 1 | 1 | 1 X | 5 | 4818 | | |
| | | 100 | | | | Frags subangular to vounded, possible | | | Ň | IJ | | | | 12 |
| 50 | | | | | | bombs. Prop. of frags < 25% with | 1 de | 26 | 8 | 100 | - 2 | 3 | | |
| | | | | | | supported. Why dark grayish green | | 3 | 3 | 3 | -13- | 183 | | |
| | | | | | | in mina FSp + augite xtal comp. | | | | | | 1 | | |
| 5 | 1.2 | | EOH | | | oyent. | | | | | | \$1.2 | | |
| | | | | | | | | | | | | ╉╋┿ | | |
| | | | | | | | | | | | | +++ | | |
| | | | | | | Alteration : What powering dubits | \square | | | | | | | |
| | | | | | | MEDINE COURTE CHAMP | | | | | 111 | | | |
| | | | | | | Very what service = 3/ 012- | | • | | | | | | |
| | | | | | | tsp J epid calcile stringers | | | | | | | | |
| | •• | | | | | | +++ | | | | ┢┼┼ | ╉╋┼ | | ++ |
| | | | | | ļ | Wlinevalization: < 1% disem t | ┢┽┽╸ | | | | \square | | | |
| | | | | | | stringer py | | | | | + + + + + + + + + + + + + + + + + + + | | | |
| | | | | | | · · · | | | | | | | | |
| | | | | | ę. | (47,6-47,B) Amugdalaidal basalt | | | | | | | | |
| | | | | _ | | dyke? Fine grained dank aver | ┝┼┽ | ┢┼┼┼ | | | +++ | +++ | | |
| | | | | | | I 1- 4mm ovoid at chaite | H+ | | | | $\left\{ \cdot \right\}$ | | $\left\{ + \right\}$ | $\overline{+}$ |
| | | | | | | Filled annualliles | ĦŦ | | | | \square | +++ | | \square |
| | | | | | | JIII danga dirs | ┢┼┼ | ┠╍┼╌┼╌ | | | | | | ++- |
| | | | | | | | | | | | | | | |
| | | | | | | (50.7-51.2-end note) grey a mygaaloidal | | | | | | | | |
| | | | | | | basalt dyke: Sinilar to above 1-3 | | ╉┼┼ | | | | | | ++- |
| | | | | | | mm amygdules flattened pavallel to | \square | | | | +++ | | | |
| | | | | | | contact CA-contact 55 | ĦŦ | \square | | | | | | |
| | | | | | | | | | | | \ddagger | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | \square | | | H | | | | | | | |
| | | | | \square | | | <u> </u> | \mathbf{H} | HT | [] | | +++ | ┟┼∓ | + |
| | | | | | | · | F | \square | | \square | \square | | H | Ŧ |
| | | | | | | | 1++ | ┇┊╡ | \square | | | +++ | \square | # |
| | | | | | <u> </u> | | | ╞┼┼╴ | | ╞╪┼┼ | | 1 | ## | \ddagger |
| | | | | ┢┼╴ | | | | | | | | | | ++- |
| | | | | | <u> </u> | | ┢┼┼ | ╋┼┼╴ | +++ | | | | ┟┼┾ | |
| | | Ĺ | | | | · · · | ┨┨╋ | ╆╋╋ | ┢┟╀┯ | H | + | ╂╂Т | H | ++ |
| | | 1 | | | 1 | | \square | $\left\{ \right\}$ | $\left \right $ | \square | \square | +++ | $\left \right $ | ++ |
| | | 1 | | | ↓ ↓ | · · · · · · · · · · · · · · · · · · · | ┟┼┼ | ╊╫╄ | ┠┼┼╴ | \square | | ╉╂┼ | | # |
| | | 1 | | Ħ | | | ╞╪╪ | | | | ╊╋╋ | | | |
| | | | | | 4 | | <u></u> | | | | | | | |
| | | | | | - | | H | +++ | $\left \cdot \right =$ | $\left \cdot \right $ | +++ | +++ | +++ | + |
| - | | | | F T | | | +++ | \mathbf{H} | | \square | ++ | +++ | ╉╂┼ | ++ |
| | | 1 | | | 1 | | | | | | ╈ | | | ++ |
| | | 1 | | | <u> </u> | | | | | | | ╉┼┼ | | |
| | | 1 | 1 | | 1 | | 1 1 1 | 111 | | | 111 | | | \rightarrow |

.

11 (N 11

من مستع

1. Pc

| DRILL LOG | |
|---|---|
| PROJECT PVU93-01 | GROUND ELEV. 742 m |
| HOLE NO. TRK93-04 | BEARING 329° |
| LOCATION | DIP -62.0 |
| Local 320 N 151 E 318 N 150 E | TOTAL LENGTH |
| LOGGED BY | HORIZONTAL PROJECT |
| DATE Sept 24/93 | VERTICAL PROJECT |
| CONTRACTOR | ALTERATION SCALE |
| Falcon | 0 1 2 3 absent |
| BTW | |
| DATE STARTED Sept 21/93 | TOTAL SULPHIDE SCALE |
| DATE COMPLETED Sept 22/93 | 0 1 2 3 4 0 1 2 3 4 1 1 1 traces only |
| DIPTESTS bottom hole Appave-1 -65 covrected -57.5° | |
| COMMENTS | LEGEND |
| | |
| | |
| | |
| | |
| | |
| · · · · | |
| · . | |
| | • |

•

| • | | a the second and the second | | |
|---|--|-----------------------------|--|--|
| | | | | |

| | Ш | 7 | ᇣ | | | <u> </u> | ALI | | | 1 | ₩≻ | Ę | | | | | | | | ES |
|--------------------|----------|----------|---------|-----------|---|-------------------------|----------------------|--------|--------------|----------|---------|----------|-----------|----------|----------|-------------------|---------------------|-----------------------|------------------|------------|
| | 6 CORE F | ITHOLOG | STRUCTU | | GEOLOGICAL DESCRIPTION | >chlorite | ^E seikite | Oguadz | Ucpidde | mcakite | FRACTUF | % VEIN Q | Bidite | | 1 | | MINERIZ/ DESCRIP | ATION TION | | TOTAL |
| - | <u> </u> | ╧┼╴ | + | 0-2.7 | Casing | | 1 | | | | | | | | | • | | | | |
| | F | | | | | | | | | | | | | | | | | · · · · · · | | Ħ |
| | F | | | | | | | | + | | | | | | 1 | | | | | |
| | F | | | | | | | | | | | | | | | | | | | ⊨ ∓ |
| | F | | | | | | | | | | | | | | 1 | | | | | |
| ┝ | Ŧ | | = | 2.7-11.3 | Epidote Altered + Cataclastic | | | | | | | | | | | | · · | | | |
| | F | | | Vstal | Breccisted Andesite Flow? | ++ | | | 12 | | | 13 | | | | | | | | |
| 0 | Ľ | | - | 8Ed | Medium to Pale avery fine avained | | | 12 | ļ <u></u> | G | | | | | | | | | | H |
| 70 | | | - | | aphysic and site. Section is buccu- | | | 13 | Ċ | 12 | | - | | | | | | | | |
| | | <u> </u> | | | ated a cut his meture k of epidete | H | | - S | 13× | | | 44 | | | | | | | | |
| ┝ | ╞ | | | | + chlar + fer? = thiscores & loxx mtx. | | 1 | - | THE ST | 5 12 | 5 | 11 | \square | | 5 | | | ······· | | |
| l | þ | | 1- | | hally has share falistion | 12 | 5 | | 1/2 | S S | 6 | | \square | | | | | | | ╞╪╧ |
| | F | | + | | יינאויש פושא פייני וטועוורי | H. | | | 17 | | H. | | Ħ | | 4 | | | | | ╞╪╪╪ |
| ١g | ht | | + | I | Allowed in education point of the | - E | | 100 | | 5 | Þ | | | | | | | | | |
| ľ | ~_ | | | | Appendix strong epicter i whe | 3 | 13 | 3 | | | ٦Ĕ. | R | H | | + | | | · | | |
| | E | | - | | calcute, sevience, of 2- | $ \downarrow\downarrow$ | 1 | | | 11 | Ħ | 1 M | 111 | | | <u></u> | | | | |
| Ļ | | | | | INDiversity in the second (6.27) | | | | | | | 11 | | 11 | + | | | | | |
| | L | | +_ | | Wildranzahlen, local (-2) 250 | | | | | | ╞╍┾╸ | +++ | | | | | | | | ┢╋╋ |
| | ŀ | | _ | | py stringens hard et intritien | | | | | | HT. | ╁┾┿ | | | 1001 | ~ | . 11 | 1 | ł | 92 |
| lan | ŀ | | + | | (27 82) la la statistic la | | | | | ╂┾┼╴ | | | | | 11(00) | Tevyas | sive chou | mod perv. | <u>sev</u> | |
| 10 | F | | + | | (22-112) local strong catricestic OXX | 10.0 | | | | | | 14 | ĦŤ | | | 'Y, PØ | disen tg. | T stringers | | ┢╋╋╋ |
| I F | | | + | | (8.2 - 11.3) wassive the guqueen - How: | Ì | - S | 1 N | Ĩ | E | ╞┼╪ | | H\$ | | Ley 2 | 1. Vq | 1% cpy 0 | . <u>27.) CA-V.</u> | <u>42°</u> | |
| I F | | 11.3 | - | | (1.0) CA to tol. 60 | 11.7 | Ŷ | - 3 | Z | | | | 5 | | 1.1. | 11 | 11 1 | 2/5 | <u> </u> | 1/3 |
| FF | | - | | | (10-11,3) mod chies alt min py th cpy | | | | | | | ╞╡ | | | UNICUSE | Chlov | alt whea | vy rø Pyc | Py mint | |
| $ \vdash$ | | _ | | | | | | | | | | 200 | | | -as 1002 | j. Mar | resers whispe | y lenses c | P3- | 12.1 |
| | _ | - | | 11,3-13,7 | Strongly Chlarite Altered of | 2 | | 10 | | | | 33 | | | Intergre | in the | <u>- 77 (7712</u> | 17, Pol 10%, Cpy | 15% | 12.6 |
| | _ | _ | _ | AZO | Winevalized Vein/Keplacement | | | 100 | ž | 3 | | | 1 E | | 160 (| nlex t : | <u>sevalt, wk</u> | ly mineraliz | ied J | 69 |
| | Ē | 13.7 | |] | Interval. Davk green Massive felles | 73. | | | | | | | | | w ois. | lon | wsv py stun | <u>eg. (Px 5%, Po</u> | <u>17.(By17)</u> | |
| - | | | | · | chlarite with Irregular masses at | 13 | V al | 12 | | | ┢╧ | | | | MEV CH | ov veiv | n to msy b | blebs A string | <u>cevs</u> | ++- |
| $\left - \right $ | ľ | | + | | intergrave por-cpg + lesser m.g. | - P | | 1 d | | <u> </u> | | | | 2. | P¢ Py C | py_U | Py 10%, P\$ 5 | 1 Cpy 10%)KA | t-50° | +++ |
| | F | | | | py. Id also as whispy lenses | | 2 2 | TE . | 5 | 3 | | | Ha | 15 | Intense | Chlar | unte alt mod | ser with | porch | ++ |
| | ŀ | | + | | pavallel to vein walls, may be | S | ν + | 5 | | | | | | b | CP3 Pu | pd. | (Py 21, P3, | 1. (py 2.5%) | A-rn 45 | |
| 100 | ŀ | | | 1 | sheaved, heally silveous | 16.0 | | | ++ | | | | | | Mod-s | trong | perv sev, | alt Bxx tulf | wrth | +++ |
| | | | | - | (11.4) CA to whispy bardod pp 35 | | | | | | | | | | mina 5 | <u>(5triv</u> | ngers (Py 21. | , P\$ 11. Cpy 0. | <u>,5-1%)</u> | +++ |
| | Ē | | | <u> </u> | (12,8) CA " " pp-cpy SO | | | | | | | | ╂┼┼ | | + | | | | —— F | +++ |
| | Ŧ | | | | (12,9) (A " " Py-(py 20_ | | | | | | F | | | l l' | | | | ···· | | |
| | ţ | | # |] | (19,0) CA to by contact 45° | H | +++ | 10 | | 2 1 | | | | | + | | ····· | | | +++ |
| | ĺ | | 1 | | | \square | | 110 | 15 | 5 S | 3 | | H | | | | | | | \ddagger |
| | ļ | | | 13.7-22.5 | Plagochise + Augite Phymic Andesitic | -N | 4 | E, | | 2 2 | | ┥┼┼ | 12 | | + | | | | | +++ |
| 10 | 1 | | + | VStb | Breccia - Tuff (- Flow breccia - | 12 | - 3 | 3 | ЪŽ | 9 3 | | | | | | | | | F | +++ |
| | | | | BEb | agglamerate;) | | | | \mathbf{H} | | | | | | · | | | | | |
| | ł | | + | · | Davk greenish grey. with 2-15cm | Ħ | | | 1-1-1 | | | +++ | ++ | | • | | | | _ | +++ |
| \mathbf{F} | _ | | + | | subanaular to rounded tragments | | ╶╂┼╀ | | ₽₽ | +++ | 5 | | + | | | | | | t | ╈╋ |
| | | 22.5 | \pm | 1 | Frags unviable medium to coause | ╞╪╡ | ╪╪╡ | ╶╂┼┼ | ╂╬╡ | -+++ | 102 | TH | H | | | | | | <u></u> | ╧╪╪ |
| | | | | - | grained plag augite - baing | | | ┛╋ | ╂┼┽ | | | .+ | | | | | | | | ╈ |
| | | | | 1 | (intrusive?) to porphyritic - mafic | | | | | | 18 | 11 | ╂┼ | | · | | | | F | |
| ļ | 100 | | | | I - Coling Plan - Yal - L | <u></u> ⊢∔- | ╺╉┽┾ | -+++ | ╋╋ | | + | +++ | +++ | | 1 | | | | | +++ |

| PAGE 2 OF 7 PROJECT: PV | 093 | 01 | | EK | | | | | | HOLE | NO. TRK |
|--|-------------|--|------|---------|-------|------------------|----------|----------|--------------|------|----------|
| | | ŝ | 5 | SAMPLES | 5 | | | ASS | SAYS | | |
| I MINERIZATION DESCRIPTION | TOTAL | SULPHIC | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | |
| · | | | | | | | <u> </u> | <u> </u> | | | |
| | _# | | | · · · · | - | | | <u> </u> | | | |
| | | | | | | | | | | | |
| | | + | | | | | , | | | | |
| | | | | | | | | | | | |
| | ╶╌┤╌╴ | + | | | | | | <u> </u> | <u> </u> | | · |
| | | + | | | | | | | | | |
| | | + | | 1 | | | | | | | · · · · |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | _[]] | # | | 1 | | | <u> </u> | | | | |
| | | | | | | | <u> </u> | | | | |
| | | | | | | | | | | | |
| | | | | i | | | | | | | |
| | ╶┼┼┼ | | | | | | | | | | |
| | | | | 1 | | | | | | | |
| Mod Porvasive chow, mod perv. Sev | | | 9.2 | 11.3 | 2.1 | 509266 | 820 | 1.D | 3130 | | |
| alt, py po discu for + stringers | | | | | | | | | | | |
| (py 27. Pd 1%, cpy 0,2%) CA-V. 42° | _ | | | | ···· | | | | | | |
| | | 1 | | | | | | | | | |
| Unterse chor alt the heavy rd Pycpy m | | | 11.3 | 12.1 | | 509267 | 7.9 | 11.0 | 4.45 | 76 | |
| as liter, masses whispy lenses cpy | | | | | | | 510 | | | | |
| Mad Chlact Sev alt while munuclines) | 11.6 | ╪┥ | 2.1 | 12 6 | | 509710 | 11 | | 0,0 | | |
| W Pis- 100 may By styling (Py 5% Poly (By) | | ╡ | ~ | 12.0 | | 30 1260 | 9/t | 2.2 | <u>0 /۲.</u> | | |
| Mer Chlor vein to may blebs 4 stuncers | | ÷1 | 2.6 | 12.9 | | 509269 | 24 8 | 12.6 | 5.40% | | <u></u> |
| Pd Py Cpy (Py 10%, Pd 5% Con 10%)KA-50° | | $\frac{1}{1}$ | | 1 | | | 3/2 | | | | |
| Intense Chlarde alt mod ser, with pole | 4 | | 2.9 | 13.7 | | 509270 | 1.7 | 2.4 | .94% | | |
| CP3 P4 Pp. (Py 21, P3, 31, Cpy 2.5%) CA-rola | 15 | ╧ | | - | | | 9/t | | | | |
| Mad-strong perr sev, alt Bxx tulf with | <u>↓</u> †† | # | 3,7 | 15.2 | | 509271 | 760 | 2.4 | 2750 | | · |
| Mina SX Stringers (Py 21, P\$ 17. Cpy 0.5-17.) | | | | | | | | | | | |
| | | | | i | | | | | | | <u> </u> |
| | | ╞╋ | | Ì | | | | | | | <u> </u> |
| | ╶┠╂┼ | ╞┼╴ | | | | | | | | | |
| | 1++ | Ħ | | . [| | | | | | | |
| | | H | | 1 | | | | | | | |
| | | | | | | | | | | | |
| | ╶┠┾┿ | Ħ | | | | | | | | | |
| | ╺┠╪┼╴ | ;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | | | |
| · | -[]] | | | | | | | | | | · |
| · · · · · · · · · · · · · · · · · · · | | | | | | | —— | | | | |
| | | 4 | | | | | | | | | |

.

| 0 | | | | | Δι | TEPA | | | <u> </u> | | | | | | |
|---------|----------|----------|--|-----------|---------|-----------|----------------|------------------|-----------|-----------------------|--------------|------------|----------------|---------------------------------------|---------------------------------------|
| CORE RE | ITHOLOGY | TRUCTURE | GEOLOGICAL DESCRIPTION | the ite | Seruche | guard z 1 | epidole 2 | Icalcite | RACTURE | VEIN QTZ. biolite | | | | MINERIZA | TION TION |
| | | <u></u> | dayle are for it in the | | | | | E | ΠΞ | % | <u>*</u> | | L | | |
| | | | and cinetals | | | | | | ++ | | | | | | |
| | | | Attention work newspire dila | | | 7 | | 1 E | | | | | | | |
| | | - | A sourcite minor matching of structure | | | | 1 | | | | | | | | |
| 100 | | | epidite | | | 12 | - Ši | 13 | | | | 25 - | | | |
| | | 24.0 | · · · | | | | | | | | | | | | |
| Ī | | | 22.5-260 Amunadalaidel Anderitic Duke | | | | 185 | 5 | | | | - | | · | |
| | | | VSda (Flow?) | | | | ++ \$ ¥ | | - 5- | | | | | | <u> </u> |
| | | | 8.J. Dark exercise avera fine evenue | | | | | | Ì | | | - | | | . <u>.</u> |
| - | | _ | avaindings to 431 apid | | | | ╉┾┿ | $\left \right $ | | | | | | | |
| 100 | | | 1-4 min atz + chilo, filled annuc | | | | ╉╪╧ | | 3 | | | , | | | |
| ļ | | | dulas Sharp upper intert | | | | ╉╬╧ | | | ╺┼╼╂╌┊╧╧ | 1 1 1 | | | | |
| F | | | CA-top cut 48° | | | | | | ┟╴┼╶┥ | ┽┿┠┼┿╸ | | · | | | |
| | | | | | | | | | | | | | | | |
| F | | _ | 26.0-52.4 Availe - Plagochse Physic Andesi | , c | | | | | | | | 30 - | | | |
| F | | | Vsta Brecia - Tuff - Flow: Brecia. | | | | | | | | | | | | |
| 100 | | = | BEQ Uniform section, dark arequish | | | | | | | | | | | | |
| F | | | avan. Fragments < 20% ave | | | | | | | ++++++ | | | | | |
| F | | | both plag + quaite physic to pay | - +++ | | | | | | ┽┽╉┿┼ | | | | | |
| - | | | phyvitic in 0.5-2 mm phenos. | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| E | | | Wethix is f.g. with wina fine | , ++ | | | \square | | | ┽┥╋┼┿ | | ۱ ۱ | <u> </u> | <u> </u> | |
| F | | | quained crystals of place A are | :Aptt | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
| 00 | | | Similar but Finer availed than | | | ╺┨┤┤ | | | | ┼┼┼┼ | | ∵ - | | | |
| F | | | Fungs. With supported, flogs an | o | | | +++ | | | ┽┾╋┽┼ | | | | | |
| F | | | 1-15 cm subangular to subvoi | n-1++ | ╂┼┼ | | +++ | | | | | 35 | | | |
| [| | | ded my be tull box mare like | 4 H- | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| E | | | Flow kxx? | 3111 | | | | | | | | ' † | Warkly yourd a | out chile | -1+ 1-2× F |
| E | | | - | 36.0 | | | | | <u>س/</u> | | | | dicens of | (pd 1-2 | γ) |
| 100 | | | Alteration: Generally was chlait | e++++ | | 111 | | | 9 | | | † | Strang Chips | + cda all | Huein Potela |
| F | | | sevicite to minar atz-epid-calif | e +++ | | | | | | | | | Pu tr coul | 10% Pu 3) | Po troy CA-V 5 |
| | | | stringers. local chlavite py zore | 5 3 | 12 | ja V | | | | | | 1 | INed patches | chla A: | er alt min |
| | | | (36.8-41.5) Mod perv chlor with | | 18 | | | | 10 | | | | disen pr. pc | t (Pd | 17 Pu 12) |
| þ | | | miner py pp | _ 13 | 1 Å | 1 | | | 5 | ┿┿┠┿┼╸ | | T | 17-17 | | |
| þ | | | (41.5- 44,3) strong chlorite alt with | | 1 R | 6 | | | Å. | | | | | | |
| 100 | | | assoc massive pd + cpy stringers | | 1 | -3- | | | | ┿┿╄╋┾ | | | Wheel Chila a | H - stre | ng chia no |
| þ | | | (48.0-52.7) strong clubite alteration | | | - 5 | | | | <mark>╶╎┊┨╞</mark> ╤╡ | | , | sev min po | 6 in stui | ing (Pd 1%.) |
| F | | | pervasive 1 chla-py stringers | -44.5 | | | | | ╅╡ | | | | Mod chla, un | ak-wad | sev alt, |
| [| | | | | | | ┋╪┽┨ | - 24 | | ┿┼╃┼┯┥ | | ' - | py string + F | of A po | blobs (Py 3) Po 1 |
| F | | | Mineralization: Mina averall, local | | 1 | | \square | -12 | | | | | Intense cho | ualt, pr | atchy a string |
| F | | | zones at stringer py-po+cpy 1 | <u>- </u> | | N | <u> </u> | 5 | | | | ╞╴┟ | Po-Py+cpy as ; | <u>string v.</u> | (Py 10% Pask CP |
| F | | | assoc to chlorite alteration (see pg. | ŧ)ţ₿ | 1 M | 8 | | eet: | | | | · 1 | - | | |
| F | | | (32.9-33.1) 20 cm augite porp. dyke | 40.2 | +++ | ++ | | -2- | | ++++ | | 1:-4 | | | |
| F | | | CA-duke 55° | | | | | ++- | | | | - | Weak- mod p | err chlor | A Gev., Mina |
| F | | | (524) Bottom contact at whit-to | → | | | | + | | ╤╤╤╤ | | 45 - | string py (F | <u>'y 27. Pø</u> | 0.51) |
| E | | | avgite porph, CA-cut 15° | | | | | | | | | ╞╴╞ | | | |
| | | | | | | | | | | | | ιl | | | |

· · .)

| 0 | DI TI | REK | | | | | | HOLE | NO. TRK93-4 |
|---|-------------|------------------|-------|---------------------------------------|------------|-------------|---------------|------|-------------|
| - | | | | [| <u> </u> | 455 | SAYS | | |
| | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu ppm | | |
| - | | | | | | | | | |
| | | i | | | | | | | |
| | | ; | | | | | | | |
| | | | | | | | | | · |
| | | 1 | | | | | | | |
| - | | i | | | | | | | |
| | | | | | | | | | |
| | | · | | | | | | | |
| | | | | | | | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | ••• | | | | | | | | |
| | | 1 | | | | | | | |
| | | | | | | | | | |
| | • | | | | | | | | |
| - | | . ' | | | | | | | |
| | 211 | 27/ | | 608104 | 100 | 0.5 | 091 | | |
| | 36.6 | 21.6 | | 307284 | /40 | 0.2 | - 0/6 | | |
| | 37.6 | 38.3 | | 509285 | 80 | < 0.2 | 2010 | | |
| | 10 2 | 20.0 | | (| 15 | (0.7 | | | |
| | 20.5 | 31.5 | | 507 286 | ~ > | <u>×0.2</u> | | | |
| | | | | | | | | | |
| | 10.2 | | | (00 207 | 15 | 505 | 200 | | |
| | -10.5 | 41.5 | | JULIU | ~ > | · U.L | <u>500</u> | | |
| | 41.5 | 42.5 | | 509288 | 250 | 0.2 | 2110 | | |
| | | | | (| | | <u>_</u> , 87 | | |
| ┨ | 41.5 | 44 ,3 | | 509289 | 1.2 g/t | 0.6 | .// /o | | |
| | | 1 | | | | | | | |
| | | | | | | | | | |
| | <u>44.3</u> | <u>45,3</u> | | 509 290 | 100 | <0.2 | 698 | | |
| | | 1 | | | | | | | |
| ſ | | l ; V | | | | | | | |

| AGE S | | OF | 7 | PROJECT | PVU93-01 TREK | | | | | HOLE | NO.T | RK9 | 3-4 | | |
|-------|------------|-----------|-----------------|---------------------------------------|---|-------------|------------------|-------------------|--------------|--------------|----------|-------------|----------------|----------|----|
| | % CORE REC | гітногоду | STRUCTURE | | GEOLOGICAL DESCRIPTION | >Chlorite | AL BSRichte | ERAT ZLANGC | Depidele 2 | mcalcite | FRACTURE | % VEIN QTZ. | Biedite | | |
| | | | | | | ž | | N | | - B | | | | <u>+</u> | t. |
| | | | _ | | | ď | <u>ل</u> د ء | LY, | -5 | 1 | | | | | |
| | | | | | | W | 3 | 33 | -5 | 3 | | | | | |
| | 100 | | | | | 48. | 0 | | | | | | | | |
| | | | | | | | | | | | | | | ¥. | _ |
| | | | | | | - | | | | | | | Ē | | |
| | | | | | | - | | | | | | | | | |
| | 100 | | | | | | | | ++ | | | | | 1 | |
| 50 | | | | | | -+ | | ++- | | | 4 | | \square | | |
| | | | | | | | 1 | | E | 2 2 | | | \square | | |
| | \square | 52.4 | | 60 4 - 576 | Arita Parden El - D.Ka? | | | | | N 13 | | \square | HT | | |
| | | | | NC 5- | Availe toppy you Flow Dyce. | 18 | | <u> </u> | l i | 1 | | | 17 | | |
| | | | | VSIA | Dr. K green, 5-10% 1-3min eutremi | <u> </u> | 3 | 3 | 3 | 2 2 | | | | | 2 |
| | 100 | | | | chlante altered augite phenos in a | 52.7 | | | | | | | | | •~ |
| | | | | | medium guay-green groundwarss at | | | | | | | | | | |
| | | | | | modium - t.g. tsp + augite + aphanitic | | | | | - 5 | | | | | |
| | | | | | grandmass, haral 1-5mm alz-chb | 4 | | | | - 13 | | | $\overline{+}$ | • | |
| | | | | | filled comindules | - N | 3 | I <u>⊌</u> | | | | 11+ | \blacksquare | T) | |
| ~ ~ | | | | | Alteration: mina pensisive ser, mat- | | 1 | 18 | | | | | | | |
| 55 | | | | - | work chias alt of phenes tas 45% | -2 1 | 1 A | | E | - Fe | | | | - | ک |
| - | 100 | | | | chlar-py veins | | | | 12 | 1 | | | | | |
| | 1 | | | | Munadization: minor <3% on as chia | 32 | 1-18- | 15 | 1 2 | 1 | | | <u> </u> | 1 | , |
| | | | | | A string ares | \square | | | | | | | +++ | - | |
| | | | | | ((A to be contact 15°) | 57.3 | H‡ | | | | | \square | ┢┿┿╛ | | |
| | | 37.5 | | · · · · · · · · · · · · · · · · · · · | | 3 | | | | | ++ | +++ | \square | . | |
| | | | | 676-108 | Strandy Silicfied Claboute | | 1 Š | 12, | 9 | - | +++ | | ٦ <u>ج</u> | _ | |
| | 100 | | | N7 - | Num T 1 100 manifices - Children - | 180 | 15 | - 5 | <u>ا</u> ز | | | | 14 | | |
| | | | | HEC_ | Altevest + Vilinevalizeet Mierten | | | | | | | | | | |
| | 1 | | |] | Variable Section includes: zones at | - 3 9 | | | | ⊉ § | | | 1 S d | , _ | |
| 60 | . | | | - | intense motiled palegroy-white silic | 6 | 4 3 | | a ŝ | 5 5 | | | | | |
| • | | <u> </u> | | 1 | litication to very breecia cut by strugge | 60.5 | 1 | 1. | + | | | | | | |
| | | | | | of pyrite-chlarite + calcite-tension trac- | 13 | R | 43 | | | | ╉┼┾ | | | |
| | | | | | tures vilivar disem sx to silic but west | 1ª | 14 | 14 | 2 | - 6 | | | 14 | | |
| | | <u> </u> | | - | assoc. To childre alt; zones at strong | 1 | | 1 | | | | +++ | M K | ل ا | |
| | | | | _ | pervasive silicification 4 chlaite alteration | ЬŔ | + 3 | 1 | | | ╶┨╪┼ | | | | |
| | | 62.8 | ╺ | 4 | with heavy > 20% Pot Py as inveg- | 67.6 | | | | | | | | | |
| | | | $\overline{++}$ | - | law masses & notwork textured filling | Lt | | | | | | | - Le | | |
| | | | | | Vein-bixx, also vagaed-whispy leusos | H à | | | | | | | | | |
| | | | | | of for Pd-Py Con mins of isdd- | 18 | ş | 18 | | 3 | 5 | | 85 | | |
| | 100 | | | | stringer & laleba d also as inter- | 65.0 | +++ | 18 | | | | | - Eu | | |
| 65 | | | | | availate for od Rotlan section is | ĦŤ | 1++ | | Ŧ | HF | - 60 | | | | 6 |
| | | | | | contented (sight -bound) for out ad | H | | ┼┼ | | | 11 | \square | | | |
| | - | | | <u></u> | il interior I eitertial we it | | ╞ | , - 8 | 15 | | , 5 | 7 | | | |
| • | | <u> </u> | | <u> </u> | with incressions as stilling were this | | | ┼┼╅ | | | ΗĿ | ╅┼┼ | +# | _ | |
| | | — | | | Swill torme is bounded by wiz-chia- | - Iã | | 14 | | | | 11 | ╪╧╧ | | |
| • | 100 | | ++ | <u>]</u> | califie-te(B tault with mina arsenopyrite | | ŧ | - E | | 目を | | | 11 | | |
| : | | ΈΞ | ++ | 1 | (possible trace V.g.). Bio alt may | Įž | 13 | 13 | 4 | 9 N 3 | ╘┨┼┤ | | ╈┼┿ | • | |
| - | | | ## | 1 | occur - fine dison in assoc to silic. | F ∓∓ | \square | | \mathbf{H} | | ╘╋╋┽ | | | | |
| | | 1 | | _ | (576.50A) chan ally an alivar - | +++ | ╉╌┋╤╋ | -+++ | | | | | TTT | | |

.

· .. · · .

•

PROJECT: PVU93 PAGE 6 OF 7 MINERIZATION trang chlar alt vein + perv, week ev. String Py + Por + Con interar , sev patches (Pu 31, Po 31 50.0 Rod chlar alt vern min disen Dy-pd (Py 17. Pd 17.) 513 ituang chilar alt as chilar - py verins perv. w gtz flood. py cq. as string as mou Fa. v. to cpy (Py Br. P& 41, cpy QS) 51.9 lood chilar att as chilar coarse print tungers. + calcite (Py4%, 543 Road Child wood-strong atz flood se py qtz chla string (Py 4%, P\$ 2%, trap) strong chia mad siliciFration to cose chi stringers (Py 5%, tropy) CA.V. 50° tense aven silicification + boxtion minor 54.4 hlar py x-cutting stringers, calcite rension fract - mottlad box text <u>67., 0.57. (py)</u> trang-intense duk quey-ppl silic to 69.5 g. bio bxx to inclusik sx. (Py 6%. Po 15% Cpy 4%) m to abave intense silic minar chilar poss 645 , MSU pd. masses network sx (Pp 7). Py 6". Cp.4 by contacted sx. Fault, swind text a **42.8** by pd py + cpy A interstitial silic vock Py To'. P\$ 401 opy 21) CA-FH. 28° burk-purple grey silic + bio att ble ophanitic text, silicic + poss erresively bio att 44 leak alt fragmental volc minor qtz 66.0 66 epid struck

Lan FAH

...)

| | | · | } | | | | | r | | |
|---|----------|---------|--------|------------------|--------------|-----------|----------------------------------|------|-----------|------|
| (| 01 . | TREK | < | | | | | HOLI | ENO.TRKª | 13-4 |
|] | s | SAMPLES | | | | ASS | SAYS | | | |
| | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | | |
| | | | | + | ppb. | ppm | ppm | | + | |
| | | | | · | | + | + | | + | |
| | | | | + | <u>†</u> | | + | | <u> </u> | |
| | 48.0 | 50.0 | | 509272 | 60 | 0.2 | 1005 | | 1 | |
| ļ | | | | | | | | | | |
| ļ | | | | | ļ | ļ | | | | |
| j | | | | | | | $\left \frac{1}{1 + 1} \right $ | | | |
| | 50.0 | 51.3 | | 509 273 | ¢ < 5 | 40.2 | 248 | * | | |
| | | | ; | | <u> </u> | <u> </u> | | | | |
| ł | 51.2 | 52.4 | | 509274 | 90 | 0.4 | 2010 | | <u> </u> | |
| t | | | | | <u></u> | | | | L | |
| I | | | j | | | | | | CA-F& V. | SSP |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 53.9 | 54.9 | | 509275 | <5 | <0.2 | 745 | · | | |
| | | | | | | | | | | |
| ŀ | | • | į | | | | | | | |
| ļ | | | i | | | | | | <u> </u> | |
| ſ | 56.3 | 57.3 | | 509276 | ~5 | <0.2 | 771 | | | |
| Ĺ | | | ! | | | | | | CA | |
| | 57.3 | 58.4 | [| 509277 | ×5 | 0.2 | 1010 | | | |
| | | | | | | | ├ │ | | | |
| | 58.4 | 60.5 | . | 509278 | <5 | 0.2 | 1105 | | | |
| | | | | | | | ├ | | | |
| | | · · · | 1 1 | | | | | | | |
| | 60.5 | 61.5 | Ì | 509279 | 180 | 5,2 | 4500 | | | |
| | | | - | | | | | | | |
| - | 61.5 . | 62.2 | | EMUEC | 360 | 8.2 | .66% | | | |
| | <u> </u> | | | | | - <u></u> | | | | |
| 1 | 62.2 | 62.8 | | 509281 | _882 | 2.2 | 4630 | | | |
| | · | · . | | · | | | | | · · · · · | |
| , | 62.8 | 64.8 | | Srgara | 65 | 0.6 | 774 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 65.0 | 66.0 | | 507283 | <5 | <0.2 | 88 | | | |
| - | | |] | | | | | | <u> </u> | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| - | | | | | | | | | | |
| • | | | | | | | | | | |

┝┼┼┼

| PAGE | 7 | | OF | 7 | | PROJECT | : | | | | | н | OLE | NO.T | rk9 | 3-4 |
|---------|---|------------|-----------|--------------------|----------|-----------|--|---|------------------|----------------------|---------------------------------------|-------------------------|-----------|-----------------------|-------------|---|
| DEPT(I) | | % CORE REC | ГІТНОГОВУ | STRI ICTI IRF | | | GEOLOGICAL DESCRIPTION | A | AL B | C | | - | E | FRACTURE INTENSITY | % VEIN QTZ. | |
| | | Ť | | | | | due alleficition | + | ++ | | | H | Ħ | ++ | ++ | |
| - | | ł | | | | | an Strong Stilling in | | | ╉╅╪ | | | | | | |
| - | | | | \square | | | (58.4-59.9) Interse <u>2</u> 100-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | | | | | | + | | | |
| _ | | | | | | | be potassic ? (Ksp) alteration with | | | +++ | | - | | | | |
| _ | | | | | | | vina chlarite calcite stringers | | ╏╺┧╺┧ | | | | | | | |
| | | | ······ • | | <u> </u> | | (59.9-62.2) Dark grey - black strong | | | | | | | | | |
| - | | F | | | _ | | silicification 1 peur chilas alt heaven | | | ╉╫╋ | | ╞─┠╴ | ++ | | | |
| - | | | | | | | under the the sub- | \square | | | | | | _ | | |
| - | | | | | | | (122 (2 D)" = : 1" Lad | | | | | 11 | | | | |
| - | | - | | ┠╌┤ | _ | | 62.2-62.8) Swive textored massive | | | | | | | | -+ | |
| - | | | | | | | taulted sulphidles | | \square | $+ \square$ | ++ | H | + - | ++ | | |
| _ | | | | | - | | CA- lower barneling taut 25° | | | | ++ | Ħ | 11 | | | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | ┠┼╌┼╴ | | | | | | | | |
| - | | | | \square | _ | | | ┝┽∓ | $ ^{-1}$ | ++ | ++ | + | + [| + - | + - | $\left \left \left$ |
| - | | | | | / . | 0.0- (0.0 | Di La Di Estiti | | | | | | | | | |
| - | | | | \vdash | 6; | 4.0_67,2 | Pili i i Dittic | | | | | | | | | |
| - | | | | H | | EOH | Andesitic hapilli - Breacher lult | ┟┟╀╴ | ┟┼┦ | +++ | ╶╂┼╴ | ┼╌┠╴ | ++ | ┝┼┼┤ | | |
| - | | | | | | VStb_ | (Flow Bueccia Agglamerate?) | | | | | H | ++- | | | $\square \square$ |
| _ | | | | | | 8E6 | Davk green K 30% Subangulan-to | | | | | | ++- | | | |
| - | | | | $\left \right $ | | | vounded frequents of plag- pordu | \mathbb{H}^+ | | +++ | ++- | $\left \right $ | ++ | | | H |
| • | | | | | | | OF-2, balls of alace its advantis | 11 | \square | | 11 | 1 | | | | \square |
| • | | | | | | | U.S. 2 mm latus as prog 4 apropulsi | | | | | | | | | |
| | | | | $\left[- \right]$ | | | gundmass mina augite. Jane | ┠┼┼ | ┨╌┤╺┥ | | ╉┿ | ┝╌┠╴ | ++- | | | ┠┼┼┦ |
| | | | | | | | trags have gtz eyes - or gtz filled | \square | | | | - | | | | H. |
| | | | | | | | amygoules. Mtx supported. Matrix | | | | | | | | | |
| | | | | | | | is dark areen + fa. to minar | \mathbb{H}^+ | $\left \right $ | | | ┼╌┼ | ++ | | | ╏╎ |
| - | | | | | _ | | auctal canadaria - catal he | - - - | \square | | | H | ++ | | | |
| - | | | | | | | LUST COMPANY COULD SE | | | | 11 | Ħ | | | | |
| • | | | | ╉╌╢ | _ | | tuttaceous - ou igneous (18 now one) | | | | ++ | | | | | |
| | | | | | | | | \square | ŀ | | ++ | $\left \right $ | | ┠┼┼╴ | | |
| - | | | | | | | Attention: very weak 5% stockwark | | | | 1- | Ħ | 11 | | | |
| | | | | | | | af atz-epid fsp? + mina assoc | | | | | | | | | |
| | | | | - | | | sev alt (69,2-65.0) mod silicified | ┝┼┽ | | | | + | | | | ┢┽┼┤ |
| | | | | | _ | | A neurocinely his Palt (purple color) | + + + | ++ | | | + | | | | |
| | | | | | | | Mugualization - tunce dias | | \parallel | | ++ | # | # | | | TTT |
| | | | <u> </u> | | | | 1 | | | | | | | | | |
| | | | | + | | | P9. | <u></u> | | ╉╫┤ | ╉╋ | \mathbf{H} | | | | |
| | | | <u> </u> | | | | | FFF | · · | | \square | П | \square | - - | +++ | +++ |
| | | | | | | <u> </u> | · | ⊨ †‡ | | | 11 | \ddagger | | | | ЦЦ |
| | | | | + | - | | | | | | | | | | | |
| | | | | \square | _ | | | H | F | | + | Ħ | ++ | HT | ┞┼╀ | \mathbb{H} |
| | | | | \square | | | | | \ddagger | | # | | | | 1-1-1- | ΠΠ |
| | | | | | | | | | | | | ## | | | | |
| | | | | | | | | +++ | ++ | $\left + + \right $ | | ╀╂ | ++ | ┢┼┼ | ┟┼┼ | <u></u> |
| | | | | | | | | | \prod | \square | | $\downarrow \downarrow$ | ++ | \square | \square | +++ |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | ╏┼┼┼ | | |
| | | | | \square | | | | ┢╋╋ | | | | ╁╉ | | | | |
| | | | | | | | | \square | | \square | \square | Π | | \mathbf{H} | HT | ┯┯ |
| | | 1 | | | | | | | # | | | | | | | <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> |
| | | | | + | | | | ┨┤┤ | ╂┼╴ | | | \pm | | | | <u>ttt</u> i |
| | | | | 1 | | | | \square | \prod | | | Π | | | \square | [] |
| - | | | L | 1 | | | | \vdash | ++- | | + + + + + + + + + + + + + + + + + + + | +-+ | | ╉╍╊╼╞╼ | ╉╼┼╼┼╴ | +++ |
| - | | | | | | | | | + | | | + | ++ | +++ | 1.1.1 | <u>∔ ∔</u> ⊸∔ → |
| - • | | | | | _ | | | ╊╫┼ | | | | | ++ | +++ | | <u><u></u> </u> |

)__

| | DRILLLOG |
|-----------------------------|----------------------|
| PROJECT | GROUND ELEV. |
| FVU93-01 | appvox. 820 m |
| HOLE NO. TRK93-5 | BEARING 331° |
| OCATION | DIP -455 |
| hocal 241N 105E | TOTAL LENGTH |
| NRT BL. 216 N 105E | 53.9m (177') |
| OGGED BY Mark. E. Baknes | HORIZONTAL PROJECT |
| DATE Sept 25/93 | VERTICAL PROJECT |
| CONTRACTOR | ALTERATION SCALE |
| Falcon Dvilling | 0 1 2 3 |
| ORE SIZE | slight |
| BTW | intense |
| Sept 22/93 | TOTAL SULPHIDE SCALE |
| Sept 23/93 | 0 1 2 3 4 |
| DIP TESTS | |
| · · · | 3% - 10% |
| | > 10% |
| OMMENTS | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

1

| 1 | 0 | F | _ | PROJECT: | PV093-01 TREK | | A1 TE | DATIC | | | IT.0 | RK93 | 3-5 | | | PAGE 2 OF | PROJECT: PVU | 13- | דן וס | REK | < | | | | | HOLE | NO. TRK |
|-----|-----|----------|----------------|-------------|--|------------------|-------------------|--------------|-------------|-----------|------------------|-----------|-----------|--------------|------------------|--|--------------|----------------------|--------------|-------|----------|---|----------|----------|--------------|------------|----------|
| | μļ | × | | | • | | | | | ; | #≿ | Ĕ | | | | | | S | ŚA | MPLES | 5 | | | ASS | SAYS | | |
| | | | STRUCTU | | GEOLOGICAL DESCRIPTION | >chlouid | B Seincite | Doughtz | D epiclot | m calcite | | % VEIN C | biolito | | • (• | MINERIZAT | ION ION | TOTAL SULPHIDI | FROM | то | WIDTH | SAMPLE NUMBER | | | | | |
| | - 2 | 2 | $\overline{+}$ | 0 - 1.5 | Casing | | ┠┷┿┠ | | | | | | | | 0+ | . <u></u> | | <u>.</u> | li | | <u> </u> | | + | + | + | + | <u> </u> |
| | - | | + | | | | | | | | | | | | F | <u> </u> | | | | | | | | | | <u>├</u> | |
| 1 | 1.0 | _ | | | | | | | | +++ | | | | | | · · · · · · · · · · · · · · · · · · · | | ╈╋ | | | | <u> ·- · · · · · · · · · · · · · · · · · ·</u> | + | | | <u>├</u> | <u> </u> |
| -+- | | | 11 | .5-17.4 | Epidete Altered Andesitic Lapill | | | | | | | | | | ╹┝ | | | | | | | <u> </u> | | | | <u>├</u> - | i |
| | - | | 1-1 | VStal | - Exercice Tuff (Flow bxx - anglem | | | | | | | | | | . + | | | | <u>}</u> ¦}- | | | | | | | ┢───┼ | · |
| | | <u> </u> | 1 | 8Fd | Vele 3 | | | | | | | | | | | | | | | | | <u> </u> | | | | ┢───╋ | I |
| 9 | oE | | | | Track blush aven to aver prid | | +++ | | | | | | +++ | | ╹┟╴ | <u> </u> | | | | | | | | <u> </u> | | ┝───┼ | |
| | | | <u>†</u> † | | druck Flore I-10-15 cm sub- | | \square | ++ | 1 | | | -i-i | | | . ⊢ | | | | | | | | | | | ┢───╋ | |
| | E | | | | analy to have the placed | | +++ | | 1 | +++ | | FT. | +++ | | + | | | | <u> </u> | | | | | | ···· | ┢───┾ | |
| | E | | | | during the conclusive OS-122m | ╶┨╧╪ | ╊┊╡╉ | | Ê | | | | | | ▶ ├- | | | | | | | ļ | <u> </u> | ļ | | ┢───┡ | j |
| L | -E | | | | pueric la state to laccal aurit | | $\overline{1}$ | | | | | \square | \square | | 5 + | | | | | | | | | | | ⊢ | |
| | | <u> </u> | + | | GIL DIAG XTAIS W LESSEV CIDE, IT | - ++ | | ┼┼┼ | 10 | | | | | | | | | Ħ | | | | | ļ | ļ | | ┢────┼ | |
| | - | | ┼╌┼╌ | + | Murtais Brownamas are apu- | ╼╂╁╂ | ╋ | | | | | | | ╴┍╸ | ' + | | | | | | | | <u> </u> | | | i | |
| | ~F | | ┼╌┠╸ | _ ` | L CILL No we have | ╼┟┾╀ | ╊╧┼╂ | <u>; ; †</u> | 5 | | | Ľ۲ | | | . - | | | | | | | | <u> </u> | [| | | |
| | Ĩ | | \square | | atz filled amuciaules matrix | | ╉┊╬╉ | | 19 | ╅┽╂ | | | | | ╞╴┟╴ | | | | <u> </u> | | | | | | | i | <u> </u> |
| | F | | \square | | supported. WHX dark aphanitic | · | ╉┊╞┨ | | | | | 1ª | | | ' | | | | i | | | | | | | | |
| | | | + | | to the graned w what are | | | | N. TO | | | 1 | | | ı ∔ | | ··· ·· · | ┼┼┼┨ | | | | | | | | | |
| Γ | Ē | | 11 | | + top cystals, likely tultace | 25 | | | H1 | | | | | | | | | | j | | | | | | | | |
| | F | = | + | | versus ignears intx. Sorting | - []] | | | HE | | | 1 B | | | '. L | | | | | | | | | | | | |
| | F | _ | +-1 | | not noted by gradational vari | | | | 10 | | | ्ह | | | L | | | | | | | | | | | | |
| 1 | ∞⊨ | _ | +1 | | times in proportion at tragmer | * | | | | 6 | | 5 | | | ا | | | | | | | | | | | | |
| | F | | +1 | | aug 15-30%, trags but locally the | \$ ∏ | | | TA | 0 | | 1 | | [" | Ĺ | | | | | | | | | | | | |
| | E | _ | +- | | poor - trag rich. | | | ++ | 6 | 5 | | | | | | | | | 1 | | | | | | | | |
| ┢ | ╧ | _ | ╪╡ | | | <u> </u> | +++ | | ò | 12 | 5 | F | | | | ······································ | | | | | | | | | | | |
| | E | _ | ╧╡ | | Alteration: epidote alteration through | | | | - | - S | 7 | 11 | +++- | | | | | $\left \right $ | | | | | | | | | |
| 1 | F | | <u>+</u> - | | as vandom stunger stockwork | | | | 5 | 8 | 3 | 3 | | | | | | | | | | | | | | | |
| ի | ∞⊨ | | + | | mm to 3 cm veins to calcite te | 2. | R | R | \$1 | -10-1 | - | H | ++ | - | | | - | | 1 | | | | | | | | |
| | E | | | | approx 5-10% Veins + stringers. | | - 3- | -3 | TA | ŝ. | 57 | 13 | -is | | L | | <u></u> | $\left[+ + \right]$ | 1 | | | | | | | | |
| | E | | | | Mineralization: very minar 4%, p | <u>s</u> † † | | | | | | | +++ | | | | | \square | 1 | | | 2 | | | | | ····· |
| ŀ | | | | | disem, 16-17,4 | | | ┼┼╀ | † †† | 11 | | ++ | | | | | - | \square | 1 | | | | | | | | |
| | E | | | | | ╺╼╼┦┼┽ | | ╪╪╂ | 44 | +++ | | 14 | | | 14 | | | \square | | | | | | | | -+ | |
| | E | | | | · | | | ┽┼╋ | ++1 | | + | Fi-i | | | ί | | - | + | | | | | | | | <u> </u> | |
| | m | | | | | | | ┽┼╃ | | ++ | + | | | | | | | | | | | | | | | | <u></u> |
| ľ | Ē | | | | | | | | | | + | ╂┼╡ | | . | | 6-17.4 1-2% disem | PV. | ++1 | | | | | | | | | <u> </u> |
| | F | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | ╉╂┤ | | | | | | +++ | 1 | | | | | ł | | | ······ |
| | Ē | 7.4 | | 17.4 . 21.8 | Massine Andositic TUFF or Dyke | | | | | | | | | | | | | | | | | | | | | | |
| | F | | | Vste | Same color as matinx as above | | | | | ╞╧╧╌╉ | 11 | | ╪╪╤ | | | | | +++ | | | | | | | | | |
| | F | | + | 8K | interval f.g aphavitic with very | nine | | | | | | | | | | | | ┿┿╋ | | | | | | | <u> </u> | | |
| | . F | | | | custa component, upper contact | | | | | | | ╋┼┤ | | | | | | | | | _ | | | | } | | <u> </u> |
| | | | | | low angle with at epid vein | | | | | | | | | | | | | ┿┿╋ | | | | | | | | | |
| | F | | | | (CA upper cut 25°). Interval cut ba | | ┝╂╧┾╸ | | | | | | ╋╬┿ | † i | | | · · · | ╪╪╂ | | + | | | | | | | |
| | F | | <u> </u> | | same epidoto alteration as abo | ve. | | + - | | | | | | ~~~~~ | 20- | | | ╪╪╉ | | -+ | | | | | | <u> </u> | |
| Ì | - | | | | Bottom contact appears availating | | | | | | | | ╈ | | 1 | | <u>_</u> | ╈ | | | | ·` | | | | | |
| | F | | ╤╪═╂ | | vous wing, propertion of fragment | | | | | | | + | | \mathbf{i} | +- | | | | <u> </u> | | | | | | | | |
| | 100 | 210- | | | ling has Francisco tuff and | , | | ┝┼┼┨ | | | \mathbb{H}^{+} | $\pm \mp$ | | | ' | | | | | | | | | | | | |
| ļ | Ê | | ╧╋╧╋ | | The thousand poor ton we | | ╒╞╪╪╴ | | | H | F F | | | | , - | | | | | | | | | | | | |
| ļ | E | | | | TIDM, MUMINEVAILZEDI, | | ┝╂┆┼ | | ++ | | H | 11 | | | | | | $\left\{ \right\}$ | | | | | ł | | | <u> </u> | |
| 1 | | | | | | | | | | للنستي | • | | | | | | | | ! ! | | | 1 | | | | | |

-)

| 3 | C | OF | | PROJECT | PVU93-01 TREK | | HOLE NO.T | RK93-5 | | PAGE 4 | OF | PROJECT: PVI | 193-0 | 1 | |
|---|-----------|-------------|--------------|---------------------------------------|--|---|--|----------------------------|----|---------------|-----------------------|---------------------------------------|----------|------------|---|
| T | <u>u</u> | | ω | l | · · · | ALTERATIO | N III | N | | | | · · · · · · · · · · · · · · · · · · · | S | T | 5 |
| | % CORE RE | TTHOLOGY | STRUCTUR | | GEOLOGICAL DESCRIPTION | D Chlouid e B servicid e O gunud z | Depidente menlette FRACTURE | % VEIN QT biof.fr | |] | MINERIZA DESCRIP | TION TION | TOTAL | FROM | 4 |
| | - | | Ť | 21.8 - 31.5 | Andesitic Plagloclase and Arite | 23.6 | | | | | | | | | _ |
| t | | | | VS-Lb | Thyvir hapilli - Breecin Fuff | -7 | | | | | | | | | |
| | E | | _ | 8Eb | Davk greenish gray similar to_ | 3 10 | | | | | | | | 1 | r |
| | 100 | | | | (1.5-17.4). C.S-10rm subargular + | | 3 3 | | 25 | (26.0-30.2) | Minov <1% | disem pd | ┢┼╋┽ | 1 | |
| | | | | | vounder fragments at plag + augite | 3433 | | | | | | | ┢┊┊┊ | | |
| | | | | | phyvic to pouphyurtic tures 1 also | 26.0 | | Ř – – | | > 201. diff | use of z st | ringers, O.S.lem | 760 | 26.0 | |
| | | | | | both place + augite dominant that | | | N | | with cher | . selvage | + blebs py + | | 1 | |
| | | | | | gments. | | | 3 | H. | P/ (.F | \$ 3%, Py 2% | () CA-sting 38° | | | |
| | F | | | | | 2 X | | 9 | | | | | ╺╂╂┼┼ | 1 | _ |
| | | | | | Attention: Varys tran weak at | v | ξ | 18 III | | | | | | 1 | |
| | = | | | | top to increasing chlarite - quartz | | <u> </u> | | | | | | | 1 | _ |
| | | _ | \square | | down section. Chlar atz accus | | S S S S S S S S S S S S S S S S S S S | | | ł | | | | | |
| | ┝╌┣ | _ | | | as stringers & pervasive all. | | | | | | 1.1.1 | | | | - |
| | E | | | | Winevalization: Mimor pot py assoc | | 3 3 | | 30 | VII ad - Stra | ng chlavite | e att mix ar | 10.2 | 30.2 | - |
| | ΙE | | | | with chiaite affection, diens | <mark>┠╪┊╏╋┊╽╪┊┠</mark> ┎ <mark>╴┊╶┝╶┟╶┊╴┠╺╎╴</mark> ┝ | | ┝┊┊╞╋╧╧ | | Exx-tuff | 5-10 0115 | sem blebs po | | <u>+</u> | - |
| | | | | | of Debs in all - enter callie simples | | | | | Ghan alla | 1. Oevalt | parchy - repige | | - 21 6 | |
| | | 31.5 | | 21 C - 14 1 | Charly Quardz Chlouite Altored A | | | | | Strong cho | V.T GJZ ATT | WRad con whether | | - 2112 | |
| | | | | 1/5+ 4.1 | Madautala Mineralized Lazilli TIFE | | | | | vepiace i d | das String. | vica sec - repla | ╶╋╋ | <u>+</u> | _ |
| | ┝╼╁ | | | 8Fe | Braccia | 3 3 4 4 | | | | $(P_V 2) P_r$ | (SY Con | O.EX) (Acclum, 30° | , | <u>+</u> | |
| | = | | | | Pale area handed-vein texture to | 0 6 6 | | | | Similar to | above or | tcha att | 776 | 33.5 | - |
| | | | 44 | | motilied. Zone of Strong Chlorite | 2/5/2 3/ | is the second se | | | (Pv. 4% P | \$ 3% CDY | (tv.) | | - | |
| | | | | | Qtz + sencite alteration. Lapilli | 6 5 6 | | | | | | | | | - |
| | | | | | tuff textures locally appavent with | A LOUIS | 3 3 | 5 5 | | | | | | | |
| | F | | | | diminished alteration. Otz + chlorite | , | | | | Weakin ch | lwite alter | ed Lapilli-Br- | 35.5 | 35.5 | · |
| | F = E | | | | form pervasive alteration & as | 35.8 | ╤╪╋╦┲╤╤╤ | <mark>╞╶┝╼┼╼╊═┼╞╧</mark> ┥ | | eccia Tul | f 2-3% | dison blebs pd | | <u>]</u> | _ |
| | | | | | stringers & passible "shear zones" | | | | | in assoc. | to chlatite | string (Pd 3% Pr1%) | <u>\</u> | - · | |
| | | | | · | Sevicite is patchy + locally replaces | 37.0 | <u>-</u> ξ | ┼┼┼┾┿┥ | | | | | | | |
| | 00 | | | | chlavite & vins & replaces py | | - Ho | | | Mood chlor. | - qtz-sev o | alt hapilli-Breece | - 375 | 37.5 | _ |
| | | | | | <u>1 pd.</u> | - 2 - 2 - 2 - 2 | | | | ig tuff (| <u> Pø 27., Py 37</u> | .) | | 1 | |
| | | | | | | | 3 | | | <u> </u> | | | | 1 | _ |
| | | | | | (CA to sheaving: 30 @ 33m) | | 1 | | | | <u> </u> | | | | _ |
| | l F | | | | (35.8-38.3) WALLY afford good tragment | | × | | | Strong Sili | citication + | Patchy-pervasion | e 39 s | 39.5 | - |
| | 100 | | | · · · · · · · · · · · · · · · · · · · | (107 102) When a durin To 24 con | | ┝╍┝╼╋╌╎╴┼╼╉╶┾╍┿╴ | | 40 | Chlor-ser. a | <u>It. disen sx</u> | (Py 27 10 17 LPy Cr | 4+++ | | - |
| | | | | | (40.7-40,8) Wassive po very w 3/ 199 | | | | | Viassive t.g | Halle co | (Dr en D Qu | - 40.2 | = | ٦ |
| | | <u>41.L</u> | | | | | | | | (ny 24) | A-V 50° | . (Pp 10/., ry 0/., | 40-8 | <u>}</u> - | - |
| | | | | 411-438 | Strong - Intense Chlorite + Silicifi- | | 5 | | | Strang Dev | COU man | subjection + | | 40.8 | |
| | | | | AZa | cation + Sevicite Altered, Well Min- | | 5 | | | weak chibi a | H min d | Kem DV - D& ton | ┫┼┼┼ | - | ٦ |
| | | | | | evaluzed Section. | | | | 41 | (PV 21, Pd | 17 CPV-12 |) | | | _ |
| | 100 | | \square | | Dark aveen massive chlavite A | 7 <u>5</u> X | <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | | | Strong - Int | ense chlar. | mad atz-sev | 43.5 | 41.4 | - |
| | | 43.8 | | | sections at given silicification \$ | #1.0 | | ╪╗╞╪ | | 1 alt inveg m | SV PO PU+ | CPM Mrisses + wh- | - | | |
| | | | \mathbb{H} | | Also massive sulphide masses 4 | | | ╋╞╞╋╡ | | Ispy lenses | (P67. PV7 | Cpylisi | | | |
| | H | | | | veins to whisply ragged lenses. | | | ┟╎┝┠╛╸ | 44 | Massive Pd | vein with | bounding atz-chila | | 43.5 | _ |
| | | | | | Botton section in Fault contact, here | | 3 3 5 | <u></u> | | -calide faul | + (same as | TRK93-3,4) | | 1 | |
| | ľ | | + + - | | sublides massive + contacted "swip!" | | Ĭ | | | 1 (Pd 65% Pu | 207 004 47 | CA- 514 Ar 2160 | 45.8 | 4 | |

| | | د، T | 0 | , | | - | | 1 | | _ | | : NU. / KK 7_3 · |
|------|--|-----------|------------------|----------|----------|-------|------------------|----------|---------------|-----------|---------|------------------|
| | | | ES ES | | SAMPLES | | | | ASS | AYS | | |
| | MINERIZATION DESCRIPTION | TOTAI | | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu ppm | | |
| | | | ŦF | | | | | | | | | |
| - | | Ħ | + | | | | | | | | | |
| | | Ħ | $\left \right $ | | | | · | | | | | |
| 5 - | (26.0-30.2) Minor < 1% disem pd | \square | П | | | | | | | | | |
| | | F | ļļ | | | | | | | | | |
| - | > 20% dilluse of stringers, O.S. Icm, | 76 | 0 | 26.0 | 26.8 | 0.8 | 509291 | <5 | < 0.2 | 255 | | |
| | with chev. selvage, + blebs py + | 6 | 4 | | | | | | | | | · |
| - | pd (H& 3), Py 2), CA-Sting 38° | Ħ | Ť | | | | | | | | | |
| | | H | | | | | | | | | | |
| | | Ħ | | | 1 | | | | | | | |
| | | Æ | H | | <u> </u> | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | F | \square | | | | | · | | | | |
| | | - | $\left \right $ | | | | | | | | | |
| 30 | Mod- Strong chlarite alt mtx at | 10 | 2 | 30.2 | 31.5 | | 509292 | <5 | <0.2 | 503 | | |
| | Exx-tuff. 3-% disem blebs pd | Ħ | \square | | , | | | | | | · · · · | |
| - | of minar py. Sev alt patchy - veplace. | Π- | | | | | | | | | | <u> </u> |
| | Strong chlar + 5/2 att irreg notiled | R | 15 | 31.5 | 33.5 | | 509293 | 195 | <0.2 | 809 | | |
| + | veplace t as string, What sev - repla- | Ħ | Ħ | | | | | | | | | |
| 1 | cing sulplides ! wind cpy. | \square | Ħ | | r, | | | | | | | |
| í | (Py 21 P& 51, Cpy 0.57) CA. show 300 | ļ. | Ħ | | | | | | | | | |
| | Similar to above patchy alt | 3 | 1.5 | 33.5 | 35.5 | | 509294 | 65 | <0.2 | 1250 | | |
| 4 | (Py. 4%, Pø 3%, cpy tr.) | Ħ | | | | | | | | | | |
| | | Ħ | 11- | | | | | | | | | |
| 35 - | | Ħ | | | | | | | | | | <u></u> |
| - | Weakly chlarite altered hapilli-Br- | 39 | 2 | 35.5 | 37.5 | | 509295 - | <u> </u> | <0.2 | 147 | | |
| ┥ | earing Tulf 2-3% dison blebs pd | | | | | | | | · | | | |
| | In assoc. To chlarite string (P& 3%. Px1%) | İ. | Ħ | · . | | | | | | | | |
| 4 | | Ħ | Ħ | | i | | <u></u> | | | | | |
| ŀ | Mod chlov-qtz-sev alt hapilli-Breec- | 37 | S | 37.5 | 39.5 | | 509296 | 30 | <0.2 | 848 | | |
| + | ig tuff (Pø 27., Py 37.) | | | | | | | | | | | |
| | | ┣╇- | | | 1 | | | | | | | - |
| 4 | - | ╞┼╴ | | | | | | | | | | |
| | Strong Silicification + patchy-pervasive | 39 | 5 | 39.5 | 40.7 | | 509297 | 45 | <02 | 1620 | | |
| 6 | chlor-ser. alt. disan sx (Py 27. Pd 1) (Py ty) | Η- | | | | | | | | | | |
| ł | Massive f.g. Por vein with inclusions f.g. | - | 1.1 | 40.7 | 40.8 | | 509298 | 405 | <0,2 | 3690 | | |
| + | py 1 disem blebs cpy (Pd 90%, Py 8%, | 40 | 8 | | , | | | | | | | |
| ŀ | Cpy 21) CA- V. 50° | - #1 | | · · · · | | | | | | | | |
| ╡ | Strong perv sev, mod silicitication + | Ħ | Ħ | 40.8 | 41.4 | | 509299 | 5 | <u> ~ 0,2</u> | 797 | | |
| ł | weak chlor all, minor disem px - p\$ topy | Ħ | Ħ | | | | | | | | | |
| + | (ry 21, Pd 17, CPY 12) | F | | | | | | 1 | | | | · · · |
| | Jung-Intense chlor, mad gtz-ser | 43 | .5 | 41.4 | 43.5 | | 509300 | 445 | 40.Z | .56% | | |
| + | alt inner more po py topy masses + wh- | 43 | | | | | | | | | | |
| | 1spy lenses (P&7, Py7, Cpy1, s) | Ħ | Ħ | | | | | | | | | |
| 5 | Massue Por vein with bounding gtz-chlar | F | Ħ | 43.5 | 43.8 | | 484.751 | 855 | 4.0 | 1.48% | | |
| ł | - cakite tault (same as TRK93-3,4) | | | | 3 | | | | | | | |
| 1 | LT\$ 657. Py 20%, cpy 4%) CA- FILN, 450 | 1 | a i | | } | | | | | | | |

| - | PAGE S | | OF | | PROJECT | PV093-01 TREK | | | | | HOLE | NO.T | TRIC | 13-5 | | | PAGE | 6 | OF | | PROJECT | : PVU | 193 |
|-----|------------|--------------------|-----------|----------|---------------------------------------|--|----------------------|------------|-----------|------------------|---------|-----------------------|-----------|---------|--------------|------------------|---------------------------------------|-----------|-----------------|----------|---------------------------------------|-----------|-----------|
| - | | 0 | | ш | l | ······································ | | ALT | ERAT | ION | | <u> </u> | N | | | | | | | | | | · v |
| | JEPTH (m) | % CORE RE | LITHOLOGY | STRUCTUR | | GEOLOGICAL DESCRIPTION | > chlovide | asericit e | Countz | Oepidote | mcakide | FRACTURE INTENSITY | % VEIN QT | biotite | THE PARTY OF | | | | MINE | ERIZATIO |)N N | | |
| _ | 46 | | | | | textured as in TRK93-3+4. Poss | \downarrow | | | | | | | | | 1 6 • | Stran | a Per | VASIVE | Sevu | ite moo | λ | |
| | - | | | | | Ible biotite alt is weakly evident | ┢┾┼ | | ┢┿┼╴ | | | | | | a sett | | Perv | atz. | mad o | ery C | hlovite | possible | |
| _ | _ | | | | | ar fact wall | | | 1 | | | | ╉ | | | | weak | bio. | MINA | disen | 6x 1. va | ve Im | |
| | _ | $\left - \right $ | | | | (43.5-43.B) Wassive Po with | | | | | | | | | | • | msv | py ś | lving (| (Pd 2% | Py 2% C | py tr) | -+++ |
| 1.1 | - | | | | , | blebs opy (3%) + massive t.g. py | · | | - G | 5 | | | | | | | Waak | ly al | leved | hapill | i - Bree | cia | |
| Ē | - | | | | | Similar to contacted & sulphid-s | | ++ | | | 3 | | | | | | TUSS | <u>(P</u> | <u>ہ ۱٪ ، د</u> | lisem | - in stri | ارو | +++ |
| F | - | 100 | | | | In TRK93.374 Qtz-chlar-calcite | | | TO | 9 | n. | R S | 3 | | | | | | | | | | |
| F | - 50 | | | | | Ven material marks taut. | | - 14- | | ' v - s - | - X | | 4 | | I. | 50 - | | | | | · · · · · · · · · · · · · · · · · · · | | |
| F | - | | | | | CA- Ht. 45°. | <u> </u> | 3 | 37 | <u> 3</u> | - 12- | 1 | Ê | | - * | | | | | | | | +++ |
| E | - | $\left - \right $ | | | 12.0 52.4 | A. L. L. Dinal cond Anda | ┢┿╡ | | ╏┼┼ | | | | | | | ∎ ł | | | | | | | ++ |
| E | - | | | | 43,8-53,9 | DI Louille Braccie Tuff | | | | | | 15 | | | | | | | | | | [| |
| E | - | | | | VS+h | They aver similar to 21.8- | ╞╪┽ | +++- | | | ++ | Þ | | | | ╹┤ | | | | | | | |
| E | - | 100 | | _ | 8EL | 316 < 20:30% 1-5cm Fragments | \square | | | ┟┼┼ | | | | | | ı İ | | | | | | | |
| F | - . | | | | | vary from plag porp, quaite | | | | | | | | | | † | | | | | | | ┿┼┼ |
| F | - | | 53.9 | | | Dorp + plagt augite physic. | | | | | | | | | | ŀ | | | | | | | 59.4 |
| F | | | For | | | perphysitic andesite? Matur | | | | | | | | | U | | | | | | | | |
| F | - | | | | | davk green, fq. to vina xtal. | | | | | | | | | | ~ | | | | | | | |
| F | -55 | | | | | component. | ┢┼┿ | ╋ | ╂┼┼ | ╏┼┼ | ╂┼╪ | ╂┼┼ | | ┥┥ | | ³⁵ | | | | | | - | |
| E | | | | _ | | | ┟┼╪ | | | ╂┼┼ | | | | | | | | | | | | ŀ | |
| E | - | | | | | Alteration: weak < 5% stKwork | ╞╪┼ | 111 | ╉┼┾ | ╁┼┼ | 1 | | | | | ╹┟ | | | | | | | |
| E | | | | | | af gtz-calcite 7 epidate | ╞╬╬ | ╋╬ | ╉┼┼ | | | ## | | | | · | | | | | | ł | ╧╪╪╧ |
| E | — | | | | | Mineralization: very mina | ┟┼╀ | | ┇ | | +++ | | | | | | | | | | | | |
| F | — | | | _ | | py in stringers | ╂┼┼ | | | ╂┼┼ | | | | | | | | | . <u></u> | | | | ╈╋ |
| þ | _ | | | | | (46,0-46,4) * Possible warker. | | ++ | \square | | | | | | | ╸┝ | | | | • | | | |
| F | — | | | | | Section of well defined lapilli tuist | | | | | | | | | | ╏┝ | | | | | | | +++ |
| þ | | | | | | > 40% 1-2 cm light colored, plagt | | | | | | +++ | | ┝╊┾┿ | | - | | | | | | F | |
| F | -60 | | | | | augite tragments subvernaded. When | | ╋ | ╈ | | | ╂┼┤ | | ┝╋┝╋ | | | · · · · · · · · · · · · · · · · · · · | | | | | F | +++ |
| F | _ | | | | l | be an tall / conting Love 12kg3- | ╌┟┟┼ | ╉┼┼ | | | | ╉┼╡ | | | | ╹┟ | | | | | | | +++ |
| F | _ | | | | · · · · · · · · · · · · · · · · · · · | 6 for similar lyterval) | | ╉┼┿ | ╅┼╪ | | ╂┼┿ | ╉╋╡ | | ╞╋┼┿ | 1 | • - | | | | | | [| |
| E | - | | | | | | | | | ╉╬╡ | ╉┾┿ | | | | <u> </u> | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| E | | Ì | | | | | ┢┼┨ | ╺╂┼┼┤ | ╪╪╪ | | | ++ | | | | | | | | - | | | ╈╋ |
| Ŀ | <u> </u> | | | | | | ╋ | | | | | | | | | | | | | | | | ╈ |
| þ | - | | | | | | ╶┟┼┤ | | | | | | | | | | | | | | | | |
| þ | - | | | | | | \square | | | | | | | | | F | _ | | | | | | ╆╋┾╸ |
| þ | - | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | ┢╋┼┿ | | | | | | | | | |
| ŀ | - 65 | | | | - | | | | | | ╉┼┼ | | | | | | | | | | | | +++ |
| F | - | | | | | | | ┤┼┼ | ╈ | ╈ | ╂┼┼ | ╪┼╡ | | ┼┼┼ | 47 | | | | | | | | \square |
| F | - | | | | | | ╞┼┤ | ╺╁┼┥ | ┼┼┼ | | ╪╪╪ | | +++ | ╞╂╪╪ | | - 1 | | | | | | - | |
| F | - | 1 | | | | | | ╉┼╂ | ╪┼┤ | ╪┼╪ | ╉╫┼ | | | ╞╋┿╡ | | · 1- | | | | | | F | ++- |
| F | - | | | | - | | ╞╪╡ | ╶╂┼┤ | ╡┼┤ | ╁┼┤ | ╉╋ | | | ┼┼┼ | | | | | | | | F | |
| E | - | | E- | | 1 | | ┢┼┥ | ╞╋╋╡ | ┼┼┤ | ╪┼╡ | ╉╄┥ | | - | ┼┼┼ | | Ļ | | | | | | | ╞╞┾┥ |
| E | - | | <u> </u> | | | · · · · · · · · · · · · · · · · · · · | ╪╡ | ╞┼┼┤ | ╉ | ++ | ╂╂┆ | | | ╎┤┼┼ | | | | | | | | <u></u> | ╞╞┿ |
| H | - | 1 | | | 1 | | | | | | | | | | | | | | | | • | t | |

.

. . . .

| - | 01 | TR | EK | | | <u> </u> | | HOLE | NO.TRK93-5 |
|------------------|----------|-----------|----------|------------------|-----------|----------|-----------|-------------|---------------------------------------|
| | | SAMPLES | \$ | | | ASS | SAYS / | | |
| | FROM | то | WIDTH | SAMPLE NUMBER | Au ppb | Ag | Cu ppm | | |
| | 43,8 | 45.8 | | 484752 | 135 | 0.8 | 2150 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | 45.8 | 47.8 | | 484753 | 10 | 0.2 | 194 | | · · · · · · · · · · · · · · · · · · · |
| 1 | | | | | | | | | |
| | | | | | | | | | |
| 1 | | | <u> </u> | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ╡ | | | <u> </u> | | | | | | |
| Ì | | | | | | | | | |
| | | | | | | | | | |
| ╡ | | | | | | | | | |
| 1 | | | | | | | | | |
| 1 | | · · | | | | | | | |
| ł | | | | | | | | | |
| ł | | | | | | | | | |
| ľ | | | | _ | | | | | |
| I | | | | | | | | | |
| ļ | | | | | | | | | |
| 1 | <u>.</u> | · · · · · | | | | | | | |
| ┞ | | | | | | | | | |
| ╞ | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L | | | | | | | | | |
| ┞ | | | | | | | | | |
| $\left \right $ | | | | | | | | | |
| ┝ | | | | | | | | · · · · · · | |
| l | | 1 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| - | | ! | | | | | | | |
| L | | 1 | | | | | | | |
| - | | <u>`</u> | | <u> </u> | | | | | |
| - | | | | | | | | | |
| | | 5 | | | | | | | ····· |
| | | ľ | | | | | | | |
| | | 1 | | | | | | | |
| | | | | | | | | | |

, [.].

i.

| DRILL LOG | |
|--|--|
| PROJECT PVU93-01 TREK | GROUND ELEV. |
| HOLE NO. TRK93-06 | BEARING 331° |
| LOCATION | DIP -63° |
| WRT BL. 216 N 106E | TOTAL LENGTH 90.5 m (297) |
| LOGGED BY Mark E. Baknes | HORIZONTAL PROJECT |
| DATE Sept 25/93 | VERTICAL PROJECT |
| CONTRACTOR | ALTERATION SCALE |
| Falcon Drilling | 0 1 2 3 |
| CORE SIZE | slight |
| BTW DATE STARTED | - intense |
| Sept 23/93 | TOTAL SULPHIDE SCALE |
| DATE COMPLETED Sept 24/93 | 0 1 2 3 4 |
| DIPTESTS bottom of hole Appavent - 67° corrected - 60° | - < 1% 1% - 3% 3% - 10% > 10% |
| COMMENTS | LEGEND |
| | |
| | |
| | · · · |
| | |
| | |
| | |
| | |
| | |
| | |

.

)

| Те | , - | | | | | ALT | ERATI | ON | | Τ. | | | | <u> </u> | | <u> </u> | <u> </u> | | 1 | | | | <u> </u> | | | |
|-------------|------------|-------------|---------------------------------------|---|----------------|----------|-----------------|-------------------|--------------|-------------------|----------|-------------------|-----------|---------------------------------------|--|----------|----------|------------------------------------|----------|---------|--------|----------|----------|--------------|------|----------------|
| Ц Ц Ц | ζ | l E | | | | | | | | Ĕ | 5 | | | | A A | | ION | NL DES | · . | SAMPLE | :S | | <u>_</u> | ASS | SAYS | ~~~ |
| CORF | THOLO | TRUCI | | GEOLOGICAL DESCRIPTION | | R | | Р | RACTI | NTENS | | | | | D | ESCRIPTI | ON . | 101 ULPHI | FROM | то | MDTH | NUMBE | Ř | | | |
| 8 | | S + | 0-15 | Casing | | <u> </u> | | | | | | | | | | | | | | | | | <u> </u> | | | \vdash |
| | | | | , | | Š. | đ | Pid & | 5 | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | _ | | | |
| -{- | | | 1.5 - 24.9 | Epidete Altered Andestic Lapill | | | | | | | | 27 P. | | | | | | ┿┿┥ ┙╴ |] | | | | | | | |
| | | | VStol | Bracia Tuff (flow breactor - neighborner | | | | | | | | | | | <u> </u> | | | | <u> </u> | 1 | _ | | | | | |
| 10 | •—— | | OL0 | + califie - gtz stack Frags | -5 | | ┠┼┼┽╋ ┠┿┿┿╋ | | | \$7 2 | | ╞╴╺╴╴╴╸ | | | - <u></u> | • | | | | | | | _ | + | ` | |
| | | | | + 5-15 cm subringular to wounded. | reigs | | | | | | | | \square | | | | | | | | | | | | | |
| | | | | generally 15-30% by vol., Matrix | | | <u>↓↓↓</u> ↓ | ++++ | | | | ┼╴╎ ┼╴┥ ╴╴╴ | • | | <u>-</u> | | | ╺──┝╋┿┿ | | | | | | | | |
| + | | | | lesser, quaite porphyritic with | | | | | ┝╌┠┥ | | <u>s</u> | | | | ······································ | | ····· | | | | | | | | | |
| | | | | dout aphenitic grandmass. Sou | | | | | | | 14.44 | | ╸┼┈ | | - · · · · | | | | | | | | | | | |
| 10 | x | | | anyqdules. Breecia mtx dark for | , | | | | | | | | | | · | | | | | 1 | | | | ++ | | |
| | | | | to aphanitic to beal issible of | <u>]-</u> 4 | | | | | | 44 | | ■ | | <u>_</u> | | | | | | | | | | | |
| + | - [== | | | a < 5%. pha + quarte xtel rom | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | |] | | | | | + | | |
| | | | | Motinx likely tufferens (ie not in | | | | | | | <u>.</u> | | | | | | | | | | | | | | - | |
| | | | | hut up sustemptic satirs a site | 1.00 | | | | | | \$ | | | | | ····· | | | · | | | <u> </u> | | ┼──┤ | | |
| | | | | | | | | | | 3 | | | | | | | | | | · · · · | | | | | | |
| | | | | Alteration: epidote alt through | | | | | | <i>\d</i> | 101 | | ╸┼╴ | | | <u>_</u> | | | | | | } | | ──┤ | | |
| | | | | veins to calcite 1 stz. popuer 5-7: | | | | 73 | 0 | 707 | | | | | | | | | | 1 1 | | | | <u>}</u> + | | |
| | | | | Verias + string. | | | | 6 | - | | | ╤ | | | | | | | | | | | | | | |
| | | ╉╼┿╼╸ | | vo sulphidos orropt tucing pu in stan | > c,ous_ | | | | 104 | | | | | | | | | | | | | | | ╞──┼ | | |
| | | +-+ | | (52,3-52.7) Dork matic duke with | | | | | | | | | ▮ ┼─- | | | | | | _ | | ļ | | | \square | | |
| | 1 | ++ | | (11.3-12.7) abundant amurabledal | Vac15, | | | | | | | | · · | | | <u> </u> | | | | | | | | ┢──┼ | | |
| | | | | (17.0-18.3) " | - | | | | | | | | | | | | | | | | | | | | | |
| . I | » | | 1 | | [-] | ┿╋┿ | | ┠┾╾┊╍┠ ┠╌┼╌╄╴╋ | | | | | · | | | | | | | | | | | \vdash | • | |
| | | | | | | | | | ┶┿╊- ┽┿╊╴ | ┝╌┼╍╋ | ┝┼╋ | | | | | | ······ | | | | | | | | | |
| ╞ | | | { | | — – – – – | | | ┟┼┵╊ | | <u>↓</u> ↓ ↓ ↓ | ┝┼╉ | | - | | | | | | , | | | | | ├ | | |
| | | | | | | | | | | | Ħ | | | | | | | | | | | | | | | |
| 10 | » | | <u> </u> | | | | | ╞┼┽╀ | | | | | • | <u> </u> | | | | | 1 | | | | | ┝ | | |
| | | | 4 | | | | | ╞╞┼╡ | | | | | | | | | | | | | | | | ┟───┼ | + | |
| ┝ | -= | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | _ | | | | | | | | | | · | | | |
| | E | | | | | | | ╋┾┿╋ ╋┿┿╋ | | 5 | | | | | | | | | | | | | | ┟───┼ | | |
| | 00 | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| | E | | 1 | · · · · · · · · · · · · · · · · · · · | | | H | ╋┿╤╋ ╋╋┿╋ | | 2 | | | | <u> </u> | | | | | | | | | | ┌───┼─ | | |
| L | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | T | | <u> </u> | | | <u> </u> | l . <u>l _ i <u>' i</u></u> | | | | | | | L. | |

| 25 | % CORE REC | тногоду | CTURE | <u>,</u> | | | | | | | | | | | | | | | |
|----|------------|----------|-------|---------------------------------------|--|------------------|-----------|------------|------------|----------|---------|----------|----------------------|------|----------------|----------------|--------------|---------------------------------------|--------------|
| 25 | % CORE R | THOLOG | UTC | | | | AL | TER | ATION | | | | i i | | | | | · I · · · · · | |
| 5 | | | STRUC | | GEOLOGICAL DESCRIPTION | >chlovite | asericite | 0.0 minute | D epichele | makite | FRACTUR | INTENSIT | % VEIN () Biblite | | [| | MINERIZ | ATION PTION | TOTAL |
| 5 | | | | | | | | | | | | | | | | · . | | · · · · · · · · · · · · · · · · · · · | |
| 5 | 1 | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | · · · · | |
| 5 | | - | | DAG = 26 C | Wind Andrew DK-2-TM | | | | | | | | | | We | Kly_alt | eved Brea | cia tulf, eria | <u>b-e 🚝</u> |
| | 100 | <u></u> | | NStp | Wating angel area fine around | | | ++ | ┿╋┿ | - | | | | 25 | - 3 | 2 5/11 | regers to | 1%. m.g. py | - 20. |
| | | | | 8K | The worke value avoite stals & difuse | 1++ | | ╈ | | | | | | | | Py 1-2 | 7.) | | |
| | | 26.5 | - | | 0.5. Icm pouphyutic frags/xevoliths | | | | | | | | | | + | · · · | | 4- 48 | |
| | | | | | compositionally looks very similar | | | | | | | | | | | | | | |
| | | | | | to adjacent vocks. When he frag poo | ॑॑॑॑ | | | | \pm | | | | | 1 | | | | |
| | 100 | | | | Fg. tuff a dyke, simaler to wit | ╞┼┤ | | | | | | | | | | | | | |
| | | | | | ucted in TRK93-5. Contacts shoup | | | ++- | ++++ | + | | | | | | | | | |
| | | | | | coincedent in epidote stringers, CA- | | | + | | | | | | | | | | | |
| | - | | | | bitm 4 top contacts 32" | | | | | | | | | | | | | | |
| 1 | | | | 215-485 | Autoritic Planachers & Aurite Plannic/ | ┢╋┥ | | | | | | | | 30 | → | | | | |
| | | | | NSth | Autositic Lapilli - Russia Tuff | - - | | | ┿╋┿ | ++- | | | ┿╋┿ | | | | | | |
| | 100 | | | 8Eb | Davk averyish aven totwally very | | | | | | | | | | + | | | | |
| | | | | | similar to 1.5-24.9 section but | \square | | | | | | | | | | | | | |
| | | | | | color much darker due to derverse | | | | | | | | | | 1 | | | | |
| | | | | | epidote alteration + inversed peru | ₽ | | | | | | | ┿╋┿┿ | | · · | | | | |
| | | | | | asive chlorite alteration. 0.5- | ╞┼┼ | ╉┼┼ | | ┼╂┼┥ | | | | ╺┾╊╞┊ ┉ | | | | | | |
| | | | | | 5 cm subaugular to rounded plag + | ╞┼┽ | | ## | ┿╋┿ | + | | ++ | | | | | | | |
| | 100 | | | | augite physic - porphyritic trags + | | | | | | 5 | | | | We | K to 1 | Nod peru | chlor alt. tusf | 34. |
| | | | | | also plag or augite physic tragmate | | | | | | | | 3 | 3 | ; <u>bx</u> | . with | gtz ± fsp | epid string st | unk 🕂 |
| | | <u> </u> | | | Kave febic equipuquer posibit | <u>ا</u> | | | | | | ┪╴┥ | | | 1-1 | <u>7. 1-2</u> | mm blebs | pd | |
| | | | | | Atometica: Wainly mad powering | 1 | | | | | ╞┼╞ | š+ | | | 1 CP | (27. | | ····· | |
| | | | | | chlaite gives dark doution, wind | <u>ک</u> ر ا | ╉┼┼ | | 4 5 | | | <u>-</u> | | | 100 | 1 -11 | -1 | 11 | 3 |
| | 100 | | | | dz + fsp + epid veining | 6 | | | 3 5 | | | Ϋ́Ε | | | | y Chov | - qt2- sev e | alteration with | |
| | | | | | (45,4-48,5) Servicite 1 stringer child | - Hy | | | | <u>+</u> | | | | | | <u>- + 15h</u> | irregular w | geo silling, a | |
| | | | | | attention increases, up to contact | <u> </u> | ┼┼┼ | | | | | | ┼╋┼┾╸ | | chi | wite. | Massing | 0,1-10mm stv | |
| | | | | | with well mineralized section. | ļ | ┥┤┤ | | | | | | | | TUS | at p | d contain | 1% opn | |
| | | — | | | Mineralization: | | | \square | | | | | | | CP¢ | 37. | Cpy OIS | | 301, |
| | 100 | | | <u> </u> | | Š | E. | | | 3 | | | | | <u> </u> | | | | |
| | | | | l | ······································ | | | | | | | | ┥╋┿ | | | | ····· | | |
| | | <u> </u> | | | | ┢┼┨ | | | | | ╞╂┾ | | ┿╋┿ | | + | | | | |
| | | | | | · · · · · · · · · · · · · · · · · · · | ╏┼┤ | | - | | | ╞╋┥ | | | | | | | | |
| | | | | 1 | · · · · · · · · · · · · · · · · · · · | $\left \right $ | | | | | | | | | + | | | <u> </u> | |
| | | | | | | | | | | | | | | | | | | | |
| | 100 | | | | | | | ++ | ┿╂┾╸ | | | | ┝┾╋┾┾ | | † | | | | |
| | | | ╞╌┼─ | | | | ╍╆╪╪ | 11 | ╈ | | | | ┿╋┿ | | 1 | | | | |
| | | | | 1 | | | ┨┼┤ | # | | | | | | | Mo | perva | sive chlor | alt box tuff | 44. |
| 5 | | | F F | 1 | | 112 | | | | | | | | . 45 | wee | C SPV. | Minor dis | en blebs po | |
| | | | |] | ······································ | Ē | | Ħ | | | | | ┝┼┠╪╪ | | L (Pg | 6 0.5 - | 17.) | · | |

| 01 | TR | EK | | | | | | HOLE | ENO. TEK93-6 |
|--------------|---------|----------|------------|---------------------------------------|-----------|------|--------|------|--------------|
| S | | SAMPLES | | | | ASS | AYS | | |
| ₽Ğ | | | | | | 1 | 1 | | • |
| 5E | EDOM | | E | NUMBER | Au | Aa | Cu | | |
| ۲Ę | FROM | | Į | | 1 - u | 1J | \sim | | |
| | | <u> </u> | <u> </u> | | ppb | ppm | ppm | | |
| | | | | | | | | | |
| ++ | { | | | | | | | | |
| 4.3 | 24 3 | 22 8 | 05 | ARUTEN | 45 | 0.2 | 04 | | |
| | AT. 3 | AT.0 | 0.5 | 104151 | | 0.2 | 97 | | |
| | | <u> </u> | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | • | |
| ┼┼╴ | | | | | | | | | |
| | | 1 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | • |
| | | | | | | | | | |
| | | | | | | | | | |
| | | 1 | | | | | | | |
| | | i | | | | | | | |
| | | | | | | | | | |
| | | i | | | | | | | |
| ┽┼╢ | | | | | | | ļ | | |
| ++ | | | | | | | | | |
| | | | | | | | | | |
| ++ | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | · · · | | | | | |
| | | • | | | | | | | |
| ┽┼┨ | | | | | | | | | |
| \square | | | | | | | | | |
| 3 | 242 | 211 | 22 | 10,11700 | 10 | | | | |
| | 34.5 | 36.6 | <u>X.3</u> | 404 155 | <u>×5</u> | 0,4 | 61 | | |
| | | | | | | | | | |
| | | | | | | | | 1 | |
| ┼┼┨ | | | | | | | | | |
| \square | | | | | | | | | |
| | 71 1 | 70 / | 2 | 10 11-01 | | | 1.2.1 | | |
| | 36,6 | 37.6 | 3.0 | 484-156 | 10 | 0.4 | 621 | | |
| $\mp \mp$ | | | | | | | | | |
| | | | | | | | | | |
| $+ \square$ | | | | | | | | | |
| ++ | | | | | | 1 | | | |
| | | | | | | | | | |
| -6- | | | | | | | | | |
| + + | | | | | | | | | |
| | | | | | | | | | |
| ++ | | ł | | | | | | | |
| \square | | ·÷ | | | | | + | | |
| | | | | | | | | | |
| $+\Pi$ | | | | | | | | | |
| $\ddagger 1$ | | · . | | | | | | | |
| | | | | | j I | · | | | |
| H | | | | | - | | | | |
| Ħ | | | | | | | | | |
| 3 | 1.0 | 10- | | 101-1- | | | | | |
| | 44:3 | 45,7 | 1.4 | 484757 | <5 | <0.2 | 50 | | |
| | | | | | | | | | |
| \square | | Ĩ | | | | | T | | |
| | · . | | | | | | | | |
| 4.1 | | i | | | | | | | |

| s i | OF | PROJE | CT: PVU93-01 TREK | | HOLE NO. TRK 93-6 | | PAGE 6 OF | PROJECT: PVI | 093-0 | D1 - | TRE |
|---------|---------|------------|--|-----------------------------------|---|------------|----------------------------|-------------------------|-----------------|-------------|---------------|
| - 0 | | L | | ALTERATIO | N N | | | | S. | | SAMP |
| CORE RE | тногоду | | GEOLOGICAL DESCRIPTION | > Chlovide @Sevkite OQuaviz | De pudole maakite RACTURE NTENSTITY % VEIN OT budite | | MINERIZ DESCRI | ATION PTION | TOTAL | FROM | Т |
| | ⊒┼ | <u>v </u> | | | | | Strong pory chlor st | varce patchy ser, | | 45,7 | 47 |
| | | | | | \$7 | | mod silicification + q | 2 Stringers Ser | | | |
| | | | | | | | replacing Sx? Mina | dison + stringers pd | | - | \bot |
| | | | | | | | qui fig diem vimmed | Tu ser (P\$ 37. Cpy 17. | | = | _ |
| | 48.5 | 48,5-52.0 | Strongly Chlorite - Sevicite A | Hever State | | | Similar to above stu | ng chlor atz + | | 47.7 | 49 |
| | | Azd. | + Minevalized Section - Vein | <u> </u> | 3 3 | | sevalt, disein fig. | pd-py-tropy | ┟┽┿┼ | 1 | |
| | | | Massive Pot + Cpy with adjacen | | <mark>╎╷╞╷╞╺┠╪┽┽╏┽┾╊╡┽┙</mark> ┨ | | (Fø 1%, Py 1%, Cp) | ity) | | - | |
| | | + | strand chlavite servicite + qu | artz | | | Marginal to massive | Sulphides strmme | | 49.7 | 49, |
| IF | | | altered + vened Brecia tuff. | | | | chlar ser alt, clin st | ing cutting ser? | 50.5 | - | |
| | | | Atz + chlorite form inregular | ortchy the take | | | Vilivar deson cpy + cu | se blebs | ╞╪╪╪ | | |
| F | | | replacements to invegular stringe | vs state | | | (P& O.Sr Cpy 2%) | CA- Vein" 35° | ┟┼┼┼ | | <u> </u> |
| | 52.0 | | on marging at massive sulphide | | | | Moissive t.g. por u | ith vagged masses | 52.0 | 49.9 | 50 |
| im | | | Wassive sulphido 49,9-50,5 mase | ive 2 | | | ci may cpy + ch! | airtic vock, conjout- | <u></u> ┠┼┼┼ | 1 | · |
| Ĩ | | | f.q. pt to masses massive + f.g. d | con 38 4 | 0.5 | | ed show voir (P6 601. | (py 10%, Py 3%) CAV 35 | \$ \$ }} | | _ |
| | | | cpy + ragged indusions of da | autic 10 To | 8 | | Vilod Chlor-Otz-ser | et. atz-chilar as | | 50.5 | 52 |
| | | | vock - looks to be sheared. | | | | string, ser patcha, in | may dison SX. | ┟┆┼┼ | 1 | <u> </u> |
| | | | CA- top alteration contact 35° | | | | (P\$ 0.5%, Ph 0.5%, CP | y to) CA-string 25° | 54.7 | | |
| | | | CA - top massive sulphide 35° | | | 55 | minar chy fault apu | 3e. | 55. | · · | |
| 100 | | | CA - bottom massive sulphides 30 | | | | [Weak chlorite alt he | pilli · Breech tult | | 52.0 | 54. |
| | | + | | | | | miner clisen pp (10) | 27. July (py 0.2%) | | | - |
| | | 52.0-68.8 | Andesitic Plagioclase Phyric L | | | | Strong Orlz-chlar se | valt. String. | | 547 | 55. |
| | | VStb | - Breacing Tulf - Flow Breacing | \$ + 3 5 | > 3 2 S | | Giz-chia, portchy sev | rimming SX. | 57.3 |] | + |
| | | 8E6 | Dauk bluish - greenish gray | 15 - 61.3 | | | (De lie De al co | t alsom blobs cpy | |] | |
| | | + | 30% 1-5 cm + larger, subaryou | lav s | | | Lip I., ty I., cpy | AT CA-STUING 430 | ┟┼┼┼ | 66. | 1 - 7 |
| | | | to vounded tragments, utr- | | | | Weally alt hapilli . F | 2 1) | | 12911 | 151. |
| | | | twinework supported. triggs are | | | | Wel atra clip al | tyth. | 59.2 | c7 7 | ca |
| | | +-1 | mainly physiclase pouphyvitic in | 0.5 5 5 1 | | | childe string child, gtz | t sev alt utz | | 191.5 | 13-11 |
| ┝╼┥ | | | to zym lath shaped xtils in | 9 1 1 1 | | Do | R + ar chine day bollowy S | ev poss loto . Vilg. | ┢┿┥┿ | | |
| | | <u> </u> | dave aphantic groundingss. Wi | | | | Palizana (Paly Rid | y (or 052) (Aug | ┢┼┼┼ | | <u> </u> |
| | | | augite also present but not | | | | Strang muse childred S | a, soi veri chin | 61.3 | 59 2 | 61 |
| 100 | | | aten visible fragments april | man 19 4.6 | | | ticuldades muss dress | (no + blobs 100 | ┫┤┼┼╴ | | |
| | | | untic - intermediate but also | | | | (Por 2% Con 1% Pul | CA-duran 65° | ┠┼┼┼ | | <u> </u> |
| | | | granular felsic - intrusive corrie | | | | Wood peru chia, + ser | H harillin Breecin | ┢┼┼┼ | 613 | 63 |
| 80 | | | floors, Nith as box aster maist | | <u>65.2</u> | | TUFF wind to sting (| Fé O.S. Pull (puns) | 61.3 | - <u></u> - | 1 <u>0</u> -, |
| | | | than there , similar cool i co | | | | 63.0-63 3 poss fault CA | -FH 75° | + | | |
| | | | Component, nouver, terre da | | | | Wreskly alt hapill - P | pression will local | | 63.3 | 65. |
| 100 | | | with the contract of | | | 14 | strong ser chiar alt for | disen put pd | ┢┼┼┼╴ | | |
| | | | XTAI-TUIF. (e of of mix looks lighter | | | | TT MINOR CON THE SEN (| Pv 27, Pd 27 Cov 0.32 | 65.3 | - | |
| | | | All a dias . Variable Frances were no | | 65.5 | 41 | Wrakly att, havill - Bi | eccia tuff local | ┝┼┼┼ | 65.3 | 67 |
| - | | | Affection: vavagos tran une pe | + convide | | | section & have cher ser | alt with mina | ┡┼┼╴ | | <u> </u> |
| | | | chlowite to locally strong conducted | | | | 1 blebs pd. pu & fa cov | (P61, Puzz Cnulo.a) | [+] + [+] | | |
| | | | + guartz, utz + chibu pacuu as stri- | | | | Weaking alt Lapilli-R | veccici tuff with | 67.5 | 67.3 | 68 |
| | | <u>+</u> | A porv. GIT, with py-pot spy, Sevie | ╫╧╶╾┠┿┼┠┾┽╊┿┾┥ ┫╷╴╴┠┿┼┠┾┽╊┿┿┥ | | | MINOV OISON SX (| Pu O.S. Pr 1/ (DU D) | ┠┼┼┼ | | |
| | | | participy T Stringer - whole choise | | | r L | t stringious (A- Ato- | lite on string 60° | ┞┼┼┾ | | |
| ł | 188 | | LI.I | 68.B | ╶╞╪╪╪╪ ╃┼╵╞╪╤╪╞╪╡ | | | | 68.8 | | <u> </u> |

| | PAGE 6 OF PROJECT: PVL | 93-0 | >1 - | TREK | | , | | | | HOLE NO. T | RK93-06 |
|------|--|-------|---------|------|---------------------------------------|------------------|----------|------|-------|------------|---------|
| i | | S | 6 | | <u>s 1</u> | <u> </u> | <u> </u> | ASS | SAYS | | |
| | MINERIZATION DESCRIPTION | | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | |
| | Strong pour chlor, strang perchy ser, | | 45,7 | 47.7 | 2.0 | 484758 | 100 | 0.8 | 1585 | | |
| ŀ | mod silicification + at stringers. Ser | | | | | | | | | | |
| | replacing Sx? Minar dison + stringers pd | | | | 1 | | | | | | |
| | spin F.a. disons vimmed to see (P6 37. Cpy 1%) | | | | | | | | | | |
| 1 | Similar to above strong chlor atz + | | 47.7 | 49.7 | 2.0 | 484759 | 75 | 0.4 | 1155 | | |
| | sevalt, disein fig. pd-py-tucpy | | | | | | | | | | |
| | (FØ 12, Py 12, CPY 4) | | | | | | | | | | |
| 0 | Warging to massive subdides string | | 49.7 | 49,9 | 0.2 | 484 760 | 1.2 | 2.4 | 1,00% | | |
| Ĩ | chlar sevalt, chin string cutting sev? | 50.5 | | | | | g/t | | | | |
| | Viliva doon cpy + cuse blebs | | | | | | | | | | |
| | (P& O.S. Cpy 2%) CA-"Vein" 35° | | | | | | | | | | |
| | Massive f.g. po with ranged masses | \$2.0 | 49.9 | 50.5 | 0.6 | 484761 | 2.1 | 11.0 | 4.15% | | |
| | of mov cpy & chlaid & vock, confort- | | | | j | | g/t | | | | |
| | ed shear voir (P6 50% Cpy 10%, Py 3%) CAV 35 | | | | ľ, | | | | | | |
| | Mod Chlar-Otz-ser of atz-chlar as | | 50.5 | 52.0 | 1.5 | 4847.62 | 80 | 0.2 | 779 | | |
| | string, ser patch, mina dison sx | ┝┥┥ | | | | | | | | | |
| | (Pp 0.5%, Ph 0.5%, Cpy to) CA-string 25. | | | | 1 | | | | | | |
| ς. | minar chy fault gouge. | 55.1 | | |] | | | | | | |
| | Weak chlorite alt hapilli - Breecin tuff. | | 52.0 | 54.7 | 2.7 | 484763 | 65 | 0.Z | 239 | | |
| | minar closen pd (Pd 27, Pull (py 0.2%) | | | | | | | | | | |
| | Strong Olz-chlar sev alt. String. | | 547 | 55.1 | 0,4 | 484764 | 1.3 | 3.0 | .15% | · | |
| | stz-chlar, potchy ser rimming sx. | | | | ; | | g/t | | | | |
| | Coarse py string, f.g. + dison blobs cpy | 57.8 | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | (Pp 1%, Py 7%, Cpy 2%) (A-string 430' | | | | ! | | | | | | |
| | Weaky alt hapilli Brecia Tuff. mina | | 55.1 | 57.3 | 2.2 | 484765 | 10 | 0.Z | 179 | | |
| | disem pd (Pd 1%, Py tr.) | | | | ; | | | | | | |
| | Mad-strong chlar, atz + sev alt atz | 59.7 | 57.3 | 59.3 | 2.0 | 484766 | 170 | 0.6 | 1005 | | |
| 50 - | chlar stringers, portchy ser poss. loio. M.g. | | · · · · | | | | | | | | |
| | Py ± po string disen blebs cpy 1 tig. | | | | | | | | | | |
| - | alisen. (P\$ 17. Py 4%, (Py 0.5%) (A-V-55 | | | | | | | | | | |
| | Strang pour chilar + sev, sev repl chilar | | 59.3 | 61,3 | 2.0 | 484767 | 520 | 1.4 | 3130 | | |
| - | t sulpholes, mina disen cp- + blebs por | | | | . (| | | | | | |
| | (P\$ 2%, Cpy 1%, Py 1%) CA-shar? 65° | | | | | | | | | | |
| | Mod peru chia, + sev all hapilli- Breccia | 12.3 | 61.3 | 63.3 | 2.0 | 484768 | 65 | 1.0 | _669 | | |
| | WF. Muss new String (12 0.5 Py 17 (py 05) | | | | | | | | | | |
| - | 63.0-63.3 poss tault CA-HH. 75° | | | | ······ | | | | | | |
| | Weaking alt happill - Braccia will local | | 63.3 | 65,3 | 2.0 | 484769 | 55 | 0.4 | 598 | | |
| 5 - | sturg seu chiar alt, t.a. disen py + pd | 65.3 | | | ! | | | | | | |
| | T. MINO (PY TO Ser (1427, Pd 27, Cpy 0.52) | | 10.0 | | 2 | 10177 | | | | | |
| - | Wraking alt hopilli- braccia tult local | | 5.00 | 67.3 | 7.0 | 484170 | 260 | 1.0 | 2430 | | |
| | sections have chlor ser alt with minor | | | | | | | | | | |
| + | <u>blebs</u> por por a ta cpy (Kol, Ky 2/ Cpy 0.5) | 67.3 | 17.2 | 10.0 | | 400 | | ~ | | | |
| | weaking alt hapilli Breccia full with | | 61.3 | 68.8 | 1.5 | 484771 | 70 | 0.9 | 557 | <u></u> | |
| - | miner of sen 3x. LY O.S. Ko V. Cpy 0.2 | | | | | | | | | | |
| | 1 JIM GERS, CA- Otz-cakile py string 60" | 48.8 | | | | | -+ | | | | |
| 59 - | | | | | 1 | | | | | | |

.

| | 5 | | | r <u> </u> | | l | | FRAT | | | 1 | | r |
|----|------------|-----------|-----------|---------------------------------------|--|------------|--------------|-----------|------------------|-----------|------------|----------------------|-----------|
| | % CORE REC | LITHOLOGY | STRUCTURE | - | GEOLOGICAL DESCRIPTION | >< hlouite | Bencide 2 | Oguntz . | Dep Hole | mcalcite | FRACTURE | % VEIN QTZ | bidite |
| | | | | | Mineralization: aprenally miner locally | | 217 | | | - -!- | | 4 | |
| | | | | | 1-2% con in assoc to py pot of strong | | - 8 | 5 | ند | | | - Si | |
| 0 | | | | | chlorite + sevicite - quartz att | 1010 | 10 | | 3 | 3 | | <u> </u> | |
| | 100 | | _ | | 0 | 34 | | | | | | 9 | |
| | | | | | (=7,3-68,8) voviable allouting weak | 10.4 | 15 | | K S | 2 | | | |
| | | | _ | | - stuara delavita sourche | - HS | 544 | Mo | <u> </u> | - | | | 1 |
| | | | | | (63.0-63.3) possible fault, blocking | 72.3 | | | | | 12.2 | | |
| | | | | | care with minar chy & ainlation | | oxid | zeci- | 417 1 | MUB 1 | parha | .a | \square |
| | | | | | CA- 54 75° | | | H | | | | 125 | |
| | im | | | | (45.2-65.5) Wark rave FOCR Evertures | | | -5 | 3 | - | - ž | in e | |
| | Ĩ | | _ | | Waladita - core fault (A. CH 55° | | | 13- | 12 | | H٩. | 2: | |
| | | | | | Mengemine pess igon son ni po | H. | | ┝ | 1 | .+++ | 13 | 50 | |
| 5 | Ľ | | | 15 G - 72 1 | Strendy Chlaida alternal Shift | 13 | | | | +++ | | | |
| | \square | | | 17.0-13.1 | Lingy charge antered, sullited | L Š | | | 1 <u>1</u> | ╂╬┿ | | | |
| | | | | ACC | A WINEVAILZECT DECTION OF VEILING | 1 | | 13 | - 2 | | 12 | ┢╋┼╴ | |
| | | | | · · · · · · · · · · · · · · · · · · · | A Rephement | 1 | 5 | 5 | <u> </u> | 1 | - <u>1</u> | ++ | |
| | 100 | | | | Variable alteration, than matter t | S. | | 18: | | 3 | Š | | Ī |
| | | | |] | vern breachted silicitied sections. | | 3 | | ++ | | 79.3 | $\left + + \right $ | |
| | | | | ļ | to druk green sections at chlarite | 70 2 | | H | | | ++ | | |
| | ┢╴ | | | | alteration with associated quartz | | | HT | H | | | []] | |
| | | | | | +- sevicite Calcite occurs as | | | | | | | | |
| | | | | | stringers with a without child + | ╞┾┼╼ | | | | | | 3 | |
| 20 | 100 | | | | gtz Main mineralization is coarse | | | | | 11 | | শি | |
| ~ | | | | · · · · · · · · · · · · · · · · · · · | ginined by aggregates in stringers | | | | | | | | |
| | | | | | ou as invegular masses with clips. | 8 | | ┠┼┼ | | ┥┽ | | | |
| | | | | | te. Cpy minz is mina, as occa- | - ž | | | | | | 12 | |
| | | | | | signal blobs within py stringers | 1è | | | | | | HJ | |
| | | | | | A vavely fine disaminated. | | | | | | | 1 | |
| | 100 | | | | The main massive sulphide intersec. | - Š | | | | | | | |
| | 100 | | | | tion from 72,3-73,1 is almost | H | E | -8 | R | - T | | | |
| | | | | | totally exidized to apethite Aimpute | -2 | 3 | 3 | 13 | 3 | | | |
| | | | | | with clay fault approve at its base. | H- | | | | | | | |
| | | | F | - | Vestiges a py remain was likely | H | | HT | | | | | |
| 55 | | <u> </u> | | | massive Pd-Pn + con. como lensos | <u> </u> | | | | | | H | |
| | | | \square | | of silica also remain. | \square | | | | | + | | |
| | 100 | | | | and the second sec | ++- | | | | | 86.5 | | |
| | | | \square | - | (68,1-70,9) stung subrification & voin | H- | HŦ | | ++ | | | | |
| | | | | | bxx (mottled texture) due dit | | | \square | H | ╺╊┼┽ | 671 | | H |
| | | <u> </u> | | | Martine Big & anid Chine Stranger | ╊╪╪╼ | ++ | | \mathbf{H} | | | | H |
| | | <u> </u> | | | (70 2 - 72 3) ding chine and | | ++ | ### | | +++ | | FT‡ | H |
| | 100 | | ╞╼╞╼ | · · · | have the the set of | | | ┇╡┼┼ | | ╉┼╡ | 1 | | H |
| | | 013 | | | (772-721) Luncida / Gradito III | 89.3 | E | | | | | Ħ | Ħ |
| | | EOF | | } | LIAD- DI AIMONIE/ COETAILE W | H ∓ | ╞┼∓ | | Ħ | ╈ | ╪╪╪ | | |
| 10 | | | | <u></u> | LANTIAL OXIGIZED MASSIVE UV. | ╞╧╧ | | | | ╞╂┼╉ | ╅╪╧ | | |
| | | | | <u> </u> | (72 a 72)) cl [4 | ╞╪╧ | | ╞┼┼ | | ╞╋╋╧ | ╅╪╪ | ╞┼┼ | |
| | | - | | } | U.S.O-73.1) Chy taut gouge. | | | | | | | | |
| | 1 | | | · | I CA top oxidized like 45° | | \downarrow | | + | | | ╋╋ | ++- |

| | PAGE 8 C | of 9 | PROJECT: PVL | 93 | 5-0 | I TR | EK | | | | | | HOLE NO. T | rk93 |
|----------|-------------------|-----------------------|----------------------|-----------|-----------|----------------|-------------|-------|--------------------|-----------------|-------|---------|------------|----------------|
| | | | | | ES | 5 | SAMPLES | 5 | | | ASS | SAYS | | |
| 1 | | MINERIZAT | ION ION | LOT. | SULPHID | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu | | |
| \vdash | | 1: -1 | | + | 1 | 100 | 70 4 | | 40.4770 | <u>dadi</u> | ppm | ppm | | |
| ŀ. | - Strong Siliciti | $\left(D, 3 \right)$ | and chias mina | | | 68.0 | 10,4 | 1.6 | 1 <u>484772</u> | 665 | 0.8 | 2060 | | |
| t, | Marcine ON VE | cry scy r | do mas blabs | 70 | 4 | | 70 7 | 03 | 18/1777 | 40 | 50 | ILAD. | | |
| | $(P_V 30)$ | 10 Wing C | (012 31) (A-30 | 2 74 | | - <u>10. T</u> | 10.7 | 0.5 | | 9/2 | 1.5.0 | 1.04 70 | | :- |
| T | Strong Silicifi | cation . w | nottled mal sa | 74 | 4 | 70.7 | 71.1 | 0.4 | 484774 | 205 | 0.6 | 1440 | | |
| 4 | chla mina | disen sx | . (Full. con os) | + | ++ | | - 1 | | | | | | | |
| L | strong chlar | 1 Sev all | - BXX tulf | 72 | 4 | 71,1 | 72.4 | 1.3 | 484775 | 10 | 0.2 | 302 | | |
| | .q. py agav | egates 4 | py epid string. | 70 | | | | | | | | | | |
| L | (Py 4%. trop | yy | | H | | | | | | | | | | |
| Ŀ | Oxidized Mas | sive sul | fide Goethite/ | | | 72.4 | 73./ | 0.7 | 484 776 | 2.5 | 9.4 | 4670 | | |
| Ц | imaiste + oxio | py min | na silica | | | - | | | | glt | | | | |
| | (Py 10%, FeD) | 70% Q | z 10%.) | 75 | 0 | | | | | | | | | |
| L | Strong - mod ch | lar alt B) | w. tuff to 10% 1cm | H | ti | 73.1 | 75.0 | 1,9 | 484777 | 180 | 2.2 | .65% | | |
| Ļ | MSV py string | (Py 1% | pd 21. cpy 6) A. 45° | 75 | 4 | | | 1 | | ļ | | | | |
| μ | Mod chlor te | ev alt I | Bxx tylf. Minor | 14 | - | 75,0 | 75.9 | 0.9 | 484778 | 15 | 0.4 | 240 | | |
| 4 | <u>disen sx (</u> | <u>. Py 17. F</u> | ¢ 17.) | Ħ | | l | | | | | | | | |
| μ | Vlassive m-c. | g py ve | <u>én to selvage</u> | Ħ | | 75.9 | 76.1 | 0.2 | 484779 | 230 | 4.0 | 4490 | | |
| | ed chlasite Au | 10 ybden | te. CA (50°) | 170 | Ħ | | | | | | | | | |
| _ | (Py 35%, Mb) | <u>y_3%)</u> | 1 11 | | | | | | | | | | | |
| | Strong Silicit | ication, u | nod chlar sev | \square | | 76.1 | 78.3 | 2.2 | 484780 | 15 | <0.2 | 963 | | |
| | alt. patchy | disen | py | | | | ····· | 1 | | | | | | |
| ┝ | Mad dl + | | 71 1 | 80. | | 70 2 | 0 | | 101701 | 20 | (0.0 | (0) | | |
| v | Ning dia + | | a napili wii | Ħ | | 18.5 | 00,5 | 2,0 | 404 181 | 50 | <0.2 | 680 | | |
| - | (Pn 3% (Pn | -3. 53 I | PJ Epior String | Ħ | | | | | | | | | | |
| 1 | Neakly choke all | - Volcanic | minar disam | Ħ | | 80.3 | 823 | 20 | 494182 | 45 | <02 | 117 | | |
| | Ph (Ph 1%) | Par 12) | | 82. | | | | | 101102. | | .0.2 | | | |
| 1 | watch chia | alt has | p. tuli breccia | Ħ | | 82.3 | 843 | 2.0 | 484783 | 260 | 0.4 | 2070 | | |
| L | ith miner fi | ne dise | n py t cou | Ħ | | - | - 12 | ï | | 0.00 | | 2010 | | |
| | (Pu IX. CPM | 0.7%) v | ninar malachite | \vdash | | | | 1 | | | | | | |
| | Same as ab | are min | na disem py | 843 | | 843 | 86.5 | 2.2 | 484184 | 230 | <0.2 | 1025 | | |
| 4 | cpy (Py | 1. cp . | 0,5%) | \vdash | | | | | | | | | | |
| | | | | ╞┼╴ | | | | | | | | | | |
| _ | | | • | ╞ | | | | 1 | | | | | | |
| | 10 cm oxidize | d usu l | imprite after | 86, | | 86.5 | <u>86,8</u> | 0.3 | 484 785 | 1.7 | 5.4 | 1.298 | | |
| | ey fault/vei | 1 vestig | es py | 8 | | | | | | 9/ * | | | | |
| - | CA sheav/ve | <u>n 40</u> | 0 | | H | | | | | | | | | |
| L | Verkly alt h | <u>apilli - b</u> | veccia tuff, | Ħ | Ħ | <i>6</i> 6.8 | -88,8 | 20 | 484786 | 15 | 40.2 | 336 | | |
| | No VISIBLE | Sulphides | <u> </u> | 00 | | | | | | | | | | <u> </u> |
| | | | | | Ĥ | | | | | | | | | |
| - | | | | H | | | | | | | | | | |
| | | | | E | \square | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | H | | | | | | | | | | |
| | | ··· | | H | | | | | | | | | | a |

-- ----

| PAGE | 9 | | OF | 9 | PROJECT | PVU93-01 TREK | | | | | HOL | E NO. | TR | K93 | -06 |
|----------|---|----------|--------|----------------------------|---------------------------------------|---|---------------------------------------|--------------------|------------------|--------------|-------------------|---------------------------------------|--------------|-------------------------|-----------------------------------|
| | | CORE REC | HOLOGY | RUCTURE | | GEOLOGICAL DESCRIPTION | | AL | TERA | | | ACTURE | | VEIN QTZ. | |
| BA | | % | Ľ | STI | | | A | В | c | D | E | <u>E</u> | z | % | |
| | | F | | | 73.1 - 89.3 | Andesitic Placificalese - Avaite Physic | | | | | | | | | |
| - | | F | | | VStb | Leall - Bussie Tuff a Fk 2 | | | | | | | | | |
| - | | Ŀ | | | 9500 | Rapini - DVectify 1011 av 1.000 | | | | | | | | | |
| - | | . | | | OED | Dveccia . | ┠╍┼╌┼╴ | ┨╌╢╾╢ | | | | | + | ++ | |
| _ | | È | | | | Davk green, 1-3 4 haven > | | | | | | | | | |
| _ | | Ŀ | | | | 5 cm subauqular to vanded tregu- | | | | | | | | | |
| - | | F | | | | rute Trags dark varely light calared | ┠┼┼╌ | ++ | | | | ++ | \mathbb{H} | ++ | |
| - | | þ | | | | Lund auglinitie To olas + ausida | [| | | | | | H | | |
| - | | ŀ | | | | weating parpagnitie to play 1 augure | | | | | | | | | |
| - | | F | | | | phenos 1-2mm in dank to grow- | | | | | | | ┼╌┼╴ | | |
| _ | | þ | | | | dmass. Bxx with similar texture by | | | | | | | | | |
| ~ | | ⊦ | | | | fewer crystals, after indistinct | | | | | | | | | |
| -2 | | F | | | | from fragmonts. | + + | | $+\square$ | | HF | $ + ^-$ | + | ┼┞ | $\left + + \right $ |
| - | | t | | | | A THE THE TEST | | | | | | | Ħ | 11- | |
| - | | ŀ | | | | | | | | | | | \square | | |
| | | F | •• | | | Alteration: two (73.1-78.3) Mod-string. | | ┨┤┥ | | -+ | HT | \square | + | ┥╀ | H+ |
| _ | | Ŀ | | | | silicification 4 chlor ser alt.; from | | | | | | | ## | $\downarrow \downarrow$ | |
| | | F | | | | 78.3-89.7 weak to used Revuesive | ┢┽┼╴ | ┟┽┥ | -+ | | | | + | | <u>⊢</u> †- |
| - | | þ | | | | chlar alt | F## | \square | -1-1- | | - | \square | Π | ++ | \square |
| - | | ŀ | | | · · · · · · · · · · · · · · · · · · · | (1) | | | | | | | $^{++}$ | ++- | |
| _ | | F | | | | Winevalization: blebs + cg aggregates | $\left - \right - \left - \right $ | ╋┥┩ | | | | | ┿╋ | ++ | $\left \right $ |
| <u>.</u> | | þ | | | | py in zone at strong attention to | | | | | | | Ħ | | |
| | | ┠ | | | | minar blocks stringers con | | | | | | | | | |
| | | F | | | | (15,9-76,1) MSV DU Vein Tu columne | H | $+ \square$ | | HT | + - | + | Ħ | $+ \Box$ | +++ |
| | | þ | | | · · · · · · · · · · · · · · · · · · · | man allita A walkhala it - | | | | | | | # | ## | \Box |
| | | ┟ | | | | rov chunter rubiybolenite. | ┟┼┼╴ | | | | | | | \pm | |
| _ | | F | | | | (78.3-89.3) weak minz spotty zones | + | ┨┯┨ | | + + | + + | - - - - - - - - - - - - - - - - - - - | + | | ┝┼∓ |
| _ | | t | | | | at (Pouphyny style?) to, disen cpy | | | | | HT- | | 1 | 11 | \square |
| | | ┢ | | ┝─┼─┥ | | in mod, chlor alt Breccia. | ┢╈╋ | | | | | | | | |
| - | | F | | | | (78.5-79.0) distinctive (marker?) | ┝┼┽╸ | $\left + \right $ | | H | | | H | $+\top$ | HT |
| - | | Ŀ | | | | Lill IN Son's An -1- | ╞┼┼╴ | | _ | | | | ## | 11 | TT: |
| - | | F | | -+- | | apilli tuit., > 301, 0.3-200 | ┢┼┼ | ++ | ╘┨┼╴ | | | ╘┼╌ | ╈ | + | |
| - | | ļ | | | | pale grey- green augite phyric | \square | | | | | | | | |
| _ | | ŀ | | | | subangular Frags, in a dave dular | | | | | | ╞╋╋ | | | |
| | | F | | | | tic mity Gross fining downwords | H + F | ++ | ┝╋╋ | ┝╂╌┞╌ | +++ | ╎┼┼╴ | ┼╂ | ++ | ┠┼┼ |
| - | | t | | | | (to 1 - 2) | \square | \square | 1- | \square | | - | 11 | ++ | \square |
| -15 | | ŀ | | | | (lops down .) | | | | | | | ⇇ | | |
| - | | F | | | | | ╂┼┼╴ | ╉╋┥ | + + | ┝╂┼ | ┝╂╌┼╍ | ┝╊╄ | ┼╂ | ++ | ╉╋╋ |
| _ | . | ļ | | | | | ┠┼┼╴ | | | \square | | | | | \square |
| _ | | ł | | | | | | | | | | | | | |
| - | | F | | | - | | | + | | | $\left \right $ | ┝┠╄ | + | ++- | $\left \right + \left \right $ |
| - | | t | | | | | | \square | \square | | - | | | | \square |
| - | | ł | | | | | | | | | | | | | |
| - | | ļ | | | | | ╂╫┯ | $+\square$ | + + | + + - | H^{+} | +++ | ┼┦ | ++ | ╂╍╂╌┠╴ |
| - | | | | | | · · · · · · | ┠╪╪╤ | | | ╞╞┠╞╸ | ╞╂╄╸ | | ## | \mp | \square |
| _ | | | | | | | | | | | | | | | |
| - | | | | | | | +++ | +- | HT | HF | ++- | +++ | + | -+ | +++ |
| - | | | | | | | | | | | | | #1 | 11 | |
| - 20 | | | | $\left \cdot \right ^{-}$ | | | ┨┼┼ | + | ┝╂┼╴ | ┢╂╄ | | | + | | |
| | | | | | 1 | · · | F | 11 | -1-1- | \mathbf{F} | | | | | П |
| | | | | | | | | + | ┝╋╋ | | | | | | |
| • | | | | | | | ++ | + | +++ | ┼╂∓ | +++ | + + + + + + + + + + + + + + + + + + + | + | + | ┟┼╀ |
| - | | | | | <u></u> | | | | | | ╞╌┨╼┼╌ | | | 11 | 111 |
| - | | | | | | | | ++ | | ╞╋┼ | | ╘╏┼ | + | | |
| _ | | | | | ļ | | _ | 1 | | | ## | +++ | | | \square |
| | | | | ╄╌┿── | 1 | | +++ | ++ | $\left \right $ | ┼┼┼ | ┼┼┼ | ┿╉┼ | ┼┨ | | +++ |

| COVER THEE | | | |
|---------------------------------------|---------------------------------------|---|-----------------------|
| PROJECT | | | GROUND ELEV. |
| FVU75-01 | · · · · · · · · · · · · · · · · · · · | | 182m |
| TRK93-01 | | | 325° Extract Contract |
| LOCATION | | | DIP |
| · · · · · · · · · · · · · · · · · · · | о <i>.</i> – | | - 45 ° |
| hocal 21610 130 | TOE | | TOTAL LENGTH |
| WRI BL LTON ISHE | | | LICE COMING |
| Mark E. B | aknes | | |
| DATE | | | VERTICAL PROJECT |
| Sept 19/93 | | | |
| CONTRACTOR | - <u>-</u> | | ALTERATION SCALE |
| Falcon | | | 0 1 2 3 |
| | | | slight |
| CORE SIZE RRV/ | | | moderate |
| | | | intense |
| Sept 18/93 | | | TOTAL SULPHIDE SCALE |
| DATE COMPLETED | | | 01234 |
| Sept :8/93 | · | | traces only |
| DIP TESTS | an an an 1947 - 947 - 94 | | 1% - 3% |
| | | | 3% - 10% |
| | | | > 10% |
| COMMENTS | | | LEGEND |
| | | | |
| | | | |
| | | | |
| | | , | |
| | | | |
| | | | |
| | | | |
| | •. | | |
| | | | · · |
| | • | | |
| | | | |
| | | | |

| PAGE | 1 | OF | | PROJECT: PVU93.01 TREK | | | | _ ⊦ | IOLE I | 10.7; | <i>RK93</i> | 401 | | PAGE | 2 | OF | PROJECT: | PVU | 73 |
|-----------|---------|------------|---------|---|------------|------------|----------|--------------|-----------------------|-------------|-------------------------|------------------|-------|-------------|------------|---------------------|----------------|--------------|-----------------|
| | 0 | | ш | | | AL | TERATI | ON | ~ | ш. | N | | | | | | | | ŝ |
| ЕРТН (m) | CORE RE | THOLOGY | rructur | GEOLOGICAL DESCRIPTION | chiovite | ep-dote | Sevicito | 94-12 | ncarbong (enlested | RACTUR | « VEIN QI | | | | | MINERIZA DESCRIP | TION FION | | TOTAL |
| | ~ ~ | | S. | 15 10 Austa Planslera Pinnie Valaris | | | | | | | •` | | | | | | | | |
| _ | CAS | | | VSta Pressie Tuff. | | | - | | | | | | | | | | | | \pm |
| _ | 100 | | | 8Eq Davk avecu with kimadal size | | | | | 3 | | | | | | | | | | |
| - | 100 | | | distribution of sub-augube tracement | \$ | - ş | 2 | 7 | T. | | | | | | | | | | 2 |
| | | | | Frequents are dont green de- | | | | 3 | 2 | 3 | n | | | | | | | | - 2 |
| <u> </u> | | <u> </u> | | in evere preves prise with | 8 | | ant | eat | 8 | 3 | - α | | | | | · · · | | | 5 |
| _ | 90 | | | lessor as imm provide provide | Σ | 3 | 3 | 3 | <u>Σ</u> | | | | - | | | · . | | | 3 |
| | - | | | in a grow enforce of eparte | | _‡ | | | | | | | | | | | | — <u> </u> | 3 |
| | | | | also 2-10 mm in matrix. Watris | | ┥┥ | | _ | | | | | - | | | | | | <u><u>v</u></u> |
| <i> 0</i> | 100 | "⊨ | | compartionally similar to frags. | | | | | | | | | | | | | | | 5 |
| - | | - | | fine & med avained with distinct | | | | | | | | | | | | | | | ö p- |
| - | 100 | , — | | crustal figgingents 4 ubole stals a | 123 | <u>. /</u> | | | | 191 | | | | | | | ··· · · | H | 2 |
| | | | | evaile + fsp =ne wir chlantic | | | | | | | | | | | | | | | 27 |
| | | | | 1 opiciate vich vice constal - | | | | | | 7 | | | | | | | | H | <u>+</u> + |
| | 100 | <u> </u> | | Some trags verinded + wix its, | | ş | | ŝ | 3 | Pig. | | | | | | | | | <u>+</u> + |
| _ | | | ++ | inners appearance coudine | | 2 | | P | 5 | | ╏┼┼┥ | | | | | | | | Å |
| | | | | tult box + the breacher + delay | ╞┼ | 13 | | 15 | 5 | - 78 | | | | | | | | [] | 4 |
| - | 101 | ° | | (1.5-12.5) moderate epidore + cruc | | ہد | N | N | <u>ې</u> | ŝ. | | | | | | | | | a |
| | - | ┢ | | inter + as local developed folicition/ | -3 | 3 | - 3 | 3 | - Š | | | | r i | | | | | | ĕ ++ |
| - | | F | | shoar fabric, also assoc. otz-calcite | | | | | | | | | | | | | | ┉ | ╧ |
| | 10 | ^ | | stringers, 1 as epidote - atz - fsp | | | | | | | | | | | | | | - | 4 |
| E | +- | E | | stringers | | | | | | | | | | | | | | | |
| -25 | 10 | | | @ 4.B in CA to shear fol. 50° | | | | | | | | | | | | | | | ++- |
| - | | | | Locally larger trags have gtz anyudules | | 10 | | | | 3 | | ┾┿┿┥ ┢╼ ╸ | l. - | | | | | | ++- |
| F | | | | (a 12.0m 2mm stringer at po, tr cpy. | | ž ž | | | | | ┨╧<u>┤</u>╺┝ | | LK | a 12m | 2 " | nm stringe | er af pol, tra | 'PY [] | + |
| E | 10 | • <u> </u> | | (12.3-14.0) Davk grey green, with | | | | | | | +++ | | | | | | | | |
| F | | | | of all calife for stringers | -# | | | | | | | | | - | | | | | \pm |
| -30 | | | | 30 | .3 | | | | | | | | | | | | | | -12- |
| F | 10 | <u>ا</u> | | | _ <u>_</u> | | | | | | | | | | | | | | - S |
| E | | - 🖂 | | | | | | | | | | | | | | | | | |
| E | | | | | | | D B | | | | | | | | | | | <u> </u> | |
| F | 10 | 0 <u> </u> | | | | | | 1 | | | | | - | | | | | | 134 |
| - 35 | | | | 14-35.9 Plagiochse Provis To come Breccio | | | | | | | | | | 29.9-3 | 5.1.1- | - 2% Pyvvl | notite with | | |
| F. | | | | VStb 72. | 36.1 | | - 2 | 1 2 | | <u></u> | ╂┼┾ | | | traces | <u>cpv</u> | 1. to occ | urs as dif | | |
| | 10 | ∞⊟ | | OLD Very similar to | | | | 15 | - E | | | | - | <u>1-3m</u> | n ble | $\frac{1}{1}$ | clarkingt | — <u>[</u>] | |
| | | F | | with much loss quarter Davk alleen | 38.1 | H. | | ž | Y | | | | | String | PO - 9 | At 201 | in trace | F + | ++- |
| — | | F | ++ | aven with 0.4 cm - 3 cm + occasion | | | | | | | ╏╎╎ | | | molubo | devide | on of fi | acture Trace | s + | ++- |
| - 40 - | lic | ∞⊨ | _ | >5-10 cm subanqu'ai to vounded | Ø2 | | | ┥┽┘ ┥┽╌ | | ╞┼┼ | ╉┼┼ | ╪╪╡ | | py 4 | Cpu | also occ | N udhin p | é H | ++- |
| E | - | -E | | frags Frags are plag vich > 30% | _ | ŧ‡ | | 1 | | | | | н. — | blebs. | 15 | | | | \square |
| E | | | -++ | 0.2-1mm euhadral Taths after in | | | i b | 100 | Į | | | 48.4 | ŀ⊦ | | | | | | ++ |
| È. | 10 | ° | | privallel arrays. Augite is <5% of | +3.4 | | | | | | 179 | | | | | | | | ┿ |
| | F | | | 1 phenos, Quandmase is direction | | 11: | 111 | 111 | | 1.1 | 1 1.10 | | FL | | | | | H | |

:

۰

-

· ; ;)

.

| J | J93 | HOLE | | | | | | | ENO. TRK 93-1 | |
|---|----------------|-------|----------|----------|---|----------|-----|----------|---------------|---------------------------------------|
| | ΞS | | SAMPLE | S | | | ASS | SAYS | | |
| | | FROM | то | WIDTH | SAMPLE NUMBER | | | | | |
| | | | 1 | | | | | | | |
| | | | 1 | | | | | | | |
| | t Po | | , | | | | | | | |
| | 30 | | | | | | | | | |
| | -5 | | | | | | | | | |
| | 1/5 | | | | | | | | | |
| | 3 | | | 1 | | | | <u> </u> | | |
| | - | | , i | | 1 | | | | | |
| | 3, | | | | 1 | | | | | |
| | 517 | | | | | | | | | |
| | 1 | | 1 | | | | | | | |
| | To - | | ľ | 1 | | | | | | |
| | 5 | | 1 | 1 | | | | | | |
| | | | | 1 | | † | | | | |
| | | | 1 | 1 | † · · · · · · · · · · · · · · · · · · · | | | | | |
| | 3 | | | <u> </u> | | | | | · | · · · · · · · · · · · · · · · · · · · |
| | | | <u>'</u> | | | | | | | |
| | + | - | <u>"</u> | | | | | | | |
| | 1 4 | | ····· · | 1 | | | | | | |
| | | , | · · · | | | | | | | |
| ╡ | | | | + | | | | | | |
| ╡ | ╧╋╋ | | | + | | | | | | |
| ╡ | | | | | | | | | | |
| ╡ | ╞╡┼┤ | | . 1 | | | | | | | |
| ╡ | | | i i | | | | | | | |
| ┥ | ┿┿┽┫ | | l l | + | | | | | | |
| | ╧╧╧┙ | | | + | | | | | | |
| 1 | | | | | | | | | | |
| ┫ | | | | + | | | | | | |
| ┫ | | -27.9 | 1 | | | | | | | |
| ┥ | | | | + | | | | | | |
| ┫ | | | ii | | | | | | | |
| ┨ | | | | | | | | | | |
| | |) | 1 | | | | | | | |
| 1 | 22 | | . 1 | <u> </u> | | | | | | |
| ┫ | | | | | | | | | | |
| ╁ | 1 23 | 1.1 | ţ | | · · · · · · · · · · · · · · · · · · · | | | | | |
| ┪ | | 36.1 | ! | | | | | | | |
| ┥ | ╈╧╧╧┷┙ | | | | | | | | | |
| ╉ | ╧╋╧┫ | | | | | <u> </u> | | | | |
| + | ╡┤┤┨ | | <u> </u> | | | | | · | | |
| ╉ | | | ļ | | | | | | | |
| ╉ | | | | | | | | | | · |
| | ┼┼┼┨ | | | | | | | | | |
| ╡ | ╈┽┿╋ | | | | | | | | | |
| + | | | 1 | | | | | | | |
| | | | Li_ | i | L | | | | | |

• •

• • •

| GE | 3 | OF | | PROJECT: PVU93-01 | | | | F | IOLE I | NO. 7 | EK9 | 3.01 | ſ | PAGE | 4 | OF | | PROJECT: | P |
|----|---|------------|-----------------|-------------------------------------|-------------|----------|-----------------|----------|---------|---------|------------|---|-------|--------------|-----------------------|-----------------------------------|--------------------------|------------------------|---|
| | <u>,</u> 10 | | ш | | | ALT | ERATI | ON | | س ک | Ľ | | | | | | • | | |
| | CORE RE | THOLOGY | TRUCTUR | GEOLOGICAL DESCRIPTION | > chionts | B Erild. | معديد | Strand D | mcalade | FRACTUR | % VEIN Q | | | (| | MINE | RIZATION CRIPTION | N N | 35.7 |
| | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | aphantic. Whethis of tuff-burgeries | | | 104 | = 41 | 4 | | | | T | -17 | Pp a | o disem | 1-2 m | m blebs | with |
| | 100 173 | <u>}</u> | | is compositionly similar to the | , | | ŇŽ | 3 | | | | | | trace | cpy to | apy ! | insteal | in moder | reteh |
| 4 | 17.8 66 | | | frommerte just ins the trutt | | | | | | | | | | (1%) | 112-0 pø t | the cov | te p | $\frac{bxx-70}{3}$ | |
| 4 | 19.2 SO | | ╄╌┾╌╋╼ ┾╌┼╍┨ | at crustals. Plag. + lesser augite | | | | | | مليحام | ┨╌┝╌┝ | | | | | | | | 36.1 |
| 4 | 50.9 100 | | | ave in mature in a davic grey | 3 | 100 | 1× | 100 | 10 | land. | 54 | | | -Local 2 | Mag | sive Py q | Pø w | ith cpy: | · · · · · |
| | 100 | ,= | ╁┼┨ | aver full in The artic | 5 | S | | - z | | | | | | Dande | <u>2-3</u> 7 | <u>η. ρφ.</u> τ. | py 1- | 1 3 cm i | width m |
| 5 | .1 - | | | um be proces with a therefore | | 69 | 5 | 8 | N. | ru | | 338 | | blebs | a | Eq - cv | se q. | Py + Po | { |
| | | <u> </u> | ┼┼┽╴ | be flow a intrustie boxx. Bare | y y | ž | | | | | ╉┼┼ | | | 4 05 | IVY | igular a | <u>seerce</u> a | te mass | 59 |
| | 12 | Ë | | lavere frags contain 15% 1-2m | | | | | | | | | | <u>A</u> [e | <u>uses</u> | parallel | -10 V | <u>msv sulp</u> | plidas |
| | 57.0 | +- | ╋ | qt2 amadulos, unit mabt al | | | | ┟┼┽ | | ╞┼┼ | | | | tos] | jite | to vein | - cliba | vice us | <u>v</u> |
| | 1 | | | this generally week section of | 7 | | | | | | | - N | | Inned | valar | 972 b | lebs. | May be | |
| | | | | by numerous stringers af | | | | | | | | | 77 | Qtz | chlor | · Sulph, | de ve | <u>nim.</u> | - · · - |
| | 60.0 | | | epidote-fsp-atz and calcite | | 2 | | Ę | | | | ┶┼┿┨ | | (7%) | γ_ <u>5</u> / | | <u>/ cpy</u> |) | |
| | 10 | ۰E | | Pla crustals weakly altered to | ╶╌┠┼┼┿ | ╞┼┼ | | | | | | | a po | - Weak | ly 1 | Miseraliz | iad B | overcia Tu | .sf : |
| | 63.1 | - | ┥┥┥╸ ┥┥┥┥ | | | | | | ╉┼┼ | ╊╫╡ | ╉┼┽ | | | 27. | F.g. | disem | . рц. | in made | valely |
| | 64.6 | | | (24.4-41,2) Increas in prop. 0 | 2 <u>++</u> | | Ē | DH | | | | ₩ IIII | | <u>. Sev</u> | alf. | bxx tu | 'lt. | | |
| | Ē | ‴ <u> </u> | ┽┽┥ | tsp-opid-atz-calcite stringers | · + + + | ╁┾┽ | | | ┼┼┼ | | ╶╂┾┥ | | | Stu | ممانه | muerali | zed (| Qtz-Chia | 37.3 |
| | | E | | domly oriented > 10% by Vol. | | | | | | | | | | Veiv | 32 | Sharp (| contact | with a | above |
| | | E | | bally quastomising, also assoc | <.┟┼┼ | ╂┼┤ | | | | | | | | Inter | va) | CA - 60 | , vagu | day ban | dad |
| | | E | ╪╪╡ | wear service - pervasive at | | | | ╁┼┤ | ╋ | | | ╶┾┼┿┤ | | CUSP | - m. | g. gar | egatec A stu | at py. | ₽¢ |
| | | E | | | | | | | | | | | | сру | Ate | n vimm | ect in | pø Ho | st |
| | | F | ┥┽┥ | to intervening dark chbr. alt | , 444 | | ╞╏╞┤ | | ╅┼╡ | ╂╞╴ | | | | 15_ | stran | yly chie | <u>ov-qt</u> | z·sev | <u>-,, </u> |
| | | E | | texture destructive. | | | | | | | | | | alter | red. | Vein ? . | <u>a adja</u> | cent_bp | nlli – |
| | | E | | | | | ┿╋┿ ┥╋┥┥ | | | | | | Field | (26 5 | 2. DI | ~ 7% C | Ph 3% | (a) | |
| | | - | ╧╪╧┼ | | | | | | | ╉┼ | ╞╋┾╸ | ┝╋╋┿┙ | | -1/ | | | <u>.</u> | | 38,1 |
| | | | | | ╾╼╴┨┼┥┨ | | | | | | | | | Weak | <u>ly n</u> | Rinevali | zeol I | <u>Ping ochs</u> Tr | e T |
| | | = | ╺┼┼┥ | | ╾╂┼┽ | | ┼┼┼┤ | | | | ┼╊┼╸ | | | Weak | - Maa | Ser C | chlar | alt. (2%. | |
| | | E | | | | | | | | | | | | dise | m 1 | stringer | us Pø | (.). : | 40,2 |
| | | | | | | | ╈ | | | | | | | | · · | | | | |
| | | | | | | | | | | | ┿╋┿ ┿╋╋ | ╞╊╞┾ | | Bree | <u>valize</u> | T_{1} Γ_{1} Γ_{2} | <u>- Cher</u> Similar | ven T | 2 - |
| | | E | | | | | | | | | | | H < | 38.1 | sh | aup Vein | n? (0 | ntact w | ,ith - |
| | | F | ╾┽┼╌╂ | | | | | | ┊┠┿ | | ╞╂┼ | <u><u></u> <u></u> + + + + + + + + + + + + + + + + + + + </u> | | aba | <u>e i</u> | terval 1 | 12% + | total sulp | hides |
| | | E | | | | | | | | | | $\overline{+++}$ | | <u>as</u> | Ivreg. | hr tg. | patche | s a stu | ingois - |
| | | F | ═╂┼┩ | | | ╞╂╀ | ┽╂╬ | | ┼╂┽ | ╞╋╋ | | | | P6 | 14 <u>6</u> 0 7% 1 | useminat 24% C | IPN 31 | (-4) | |
| | | E | | | | | | | | Ħ | | | | | | J | + 5-00 | | |
| | | | -+++ | | \square | | +++ | H | | | | | | | | | | | |

| | | | | | | | · | | | | | |
|------------------|----------------|------|-------------|----------|---------------------------------------|----------|------|-----------|-------|---|--|---|
| | VV · | 73-0 | >/ | | | NO. | TRK9 | 3-0) | | | | |
| T | ŝ | 5 | SAMPLES | 3 | | | ASS | SAYS | | | | |
| | | FROM | то | WIDTH | SAMPLE NUMBER | Au | Ag | Cu ppm | | | | |
| ŀ | | 35.1 | 36.1 | 1.0 | 509101 | 45 | 0.4 | 70 | | | | _ |
| + | | | 2 | | | | | | | | | |
| Ŧ | 1-2% | | | | | | | | | | | |
| ┢ | ++- | | | | | | | | | 1 | | |
| Ţ | | | 1 | | | - | | | | <u> </u> | | |
| ╞ | | 361 | 210 | 00 | 509/02 | 420 | ~ A | 2770 | | | | |
| ╞ | | 00.1 | 26.7 | 10.0 | | 1.20 | 0.1 | 510 | | | | |
| 4 | 15% | | <u> </u> | <u> </u> | | | | <u> </u> | | | ···· | |
| ╉ | | | | | | | | | | | | |
| ╀ | | | | <u> </u> | | <u> </u> | | | | | | |
| ╀ | | | | <u> </u> | | | | | | | | |
| ŧ | <u> - -</u> - | | <u> </u> | | | | | ┠────┤ | | | | |
| ╞ | | | ! | | | | L | | | ļ | | |
| ł | | | | | | | | | | | | |
| \mathbf{F} | | | i | | | | | | | | | |
| ┝ | | | i | | | | | | | | | |
| F | | | 2 | | | - | | | | | | |
| | | | i | | • | | | | | | | |
| "‡ | | 369 | 27.0 | 04 | 602107 | 40 | 07 | 110 | | | - | |
| ╈ | | 30.1 | 57.5 | V.T | 309105 | 00 | 0.2 | 102 | · · · | | | |
| ᡟ | 2% | | | | | | | | | | | |
| ╉ | | | } | | | | | | | | | |
| ⋠ | | | | | | | | | | | | |
| ╞ | \square | 37.3 | 38.11 | 0.8 | 509104 | 425 | 0.4 | .64% | | | | |
| t | | | 1 | | | | | | | | | |
| F | | | i | | | | | | | | | |
| F | | | 1 | | | | | | | | | |
| $\left \right $ | | | | | | | | | | | | |
| F | 15% | | | | | | | | | | | |
| F | HI | | | | | - | | | | | | |
| t | | | | | | | | | | | | |
| t | | | | - | | | | | | | | |
| ╞ | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| ╘ | | | | | · · | | | | | | | |
| ł | | 20 | · | | (00 | | | | | | | |
| F | \square | 38.1 | 40,2 | | 304105 | 5 | 0.4 | 212 | | | | |
| F | 22 | | 1 | | | | | | | | | |
| F | | | 1 | | | | | | | | | |
| F | | | | | | | | | | | | |
| F | | | | | | | | | | | | |
| F | | 40.2 | <u>41,7</u> | | 509106 | 800 | 26 | ,49% | | | | |
| F | | | 1 | | | | | | | | | |
| F | HH | | · i | | | | | | | | | |
| F | | | . 1 | | | | | | | | ······································ | |
| t | **** + | |) | | | | | | | · | | |
| t | ╞╪╧┨ | | | | | | | + | | | | |
| t | ┟┼┼┨ | | 1 | | | | | | | | | |
| $\left \right $ | | | | | | | | | | | | |
| F | H | | | | | | | | | | | |
| | | | | | | | | | | | |] |

| • | OF | | PROJECT: | PVU93-01 | | HOLE NO | 0. 7 R k | (93.01 | | PAGE 6 OF | PROJECT: $\widehat{\mathcal{P}}$ | VU9 | 3-01 | , | | | | | | HOLE NO |
|--------|----------|--------------|--------------|--------------------------------|--|-------------------|-----------------|---|----------|-----------------------|----------------------------------|-------------|----------|--------------|---------------|---------------------------------------|---------------|------------|--|--------------------------|
| ပ္ထု | > | щ | | | ALTERATION | # | <u>+</u> - | | | | | ES | 5 | SAMPLES | 8 | | | ASS | SAYS | |
| ORE RI | 10LOG | UCTUR | | GEOLOGICAL DESCRIPTION | | | TENSIT | | L | MINERIZA DESCRIP | TION | TOTAL | FROM | то | ИDTH | SAMPLE NUMBER | Au | Aq | Cu | |
| 0 % | Ξļ | STH | | | | | | <u>%</u> | | | 41,7- | 0 | | | 3 | | ppb | ppm | ppm | |
| | | + | | | | | | | | Weaky Mineralized | Sévicite | | 41.7 | 43.4 | 1.7 | 509/07 | 60 | 0,2 | - 62 | 4 |
| | | + | | | | | | | | Altered Breccia T | | | - | | | | | | | + |
| | | ± 4 | | | | | | | | Strong patchy ser | icite altered | | | · | | | | ļ | | |
| | | | | | | | | | | Plagieclase Bxx tu | <u>ff with chlor</u> | 10 | | . | | | | | | <u> </u> |
| | | | | | | ┼╋┽┥╋ | | | | gtz stringers. Pu | + P& 7 tu | 6% | 1 | | | | + | | | + |
| | | +-1 | | | | | | | | cpy occur in s | luingers coved | | - | | _ | | | | | + |
| | | ++ | | | | | | | | by chia with he | le at subject to | e [] | | | | | | | | + |
| | | <u> </u> | | | | | | | | in pervasive s | evicite | | 1 | | | | ļ | | <u> </u> | |
| | | +-1 | | | | | | | | Py 31 Pd 21. cp. | j asi | | 1 | | | | | | | ++ |
| | | +-1 | | | | | | | | | 43.4 | | | | | | ļ | | | |
| | | -+-1 | | | | | | | | Strongly Minovalize | r Qtz Chbr | | 43,4 | <i>4</i> 5,8 | 2.4 | 509108 | 102 | 1.0 | 2.33 | <u>4</u> |
| | | | | X | | ╧╋┽┿ | ╈ | | | Sev altered Bre | cia Tuff: | | | | <u> </u> | | 1 ,7,2 | · . | | + |
| | | | <u>.</u> | · | | | | | | Invegular masses + | bands/veins | | 1 | | | | | | | ╂╂ |
| 1 | | ++ | | | | ╧╋╪┿╋ | ╞┊╋ | ┝┽╂┾┿┤ | | d massive fuild | cpy, fg. | | 1 | | | | _── | | | + |
| | | | | | | ╧╋╧╧╋ | ┢┊┼ | | | pp py with intere | grown for cpg | | 1 | ļ | | | | | | ┟┈╎ ┣━ |
| | | | · | | | ┿╂┿┼╉ | ┼┽╊ | <mark>┝┼╏<mark>┍╷</mark></mark> | | A cpy as cross cu | ting stringers | | 1 | | | | | | | + |
| | | | | | | ┿╂┽┼╃ | ┥┥╂ | <mark>┾╶┧╊╌┼╼</mark> ┨ ╅╺╋╍┨┾╍┽╶┨ | | 1 as beal vein-1 | exx utx | 16% | 1 | | | · | <u> </u> | | | ├ ──- ├ ── |
| | | | | | | ┥╋┼┿╊ | ┿┿╋ | ╅┿╋┿┿┥ | F | Cpy both vimmed | by + rimming | | | | | | | | | ╂───┼── |
| 1 | | | | | | ╧╋╧╋ | ╧╪╪ | ╽╪╺╊┥╪╹ ╽╡╺┠ ╋ | | po test is strong | gly chla ser | |] | | | <u> </u> | | | <u> </u> | <u>├</u> |
| | | | | | | ╧╋╧╋ | ╈ | ╧╧╧╧ | | atz alt. Bxx tull | | | | | | | | | + | ++ |
| | | | | | | ╧┾╏┿┼╋ | +++ | ┿┼╉┾╪┨ ┿┼╉┾┽┨ | | 1\$ 4%, Yy 7%. Cf | y 5% | | | | | | | | | + |
| | | | | | | ╧╋╧┿ | | ┼┼┼┼┼┤ | | @ 43,6-43,9 MSV 5 | x, CA 35° | \square | | | | | | | | ├ ── ├ ── |
| | | | | | ──── ──<u></u> | ╶┿┨┥┾┪ | | ┼┼┼┽┿ | | @ 45.4 - 45.6 MSV S | x, CA 37° | |] | | | | <u> </u> | | | ╂──╂─ |
| | | | ┇ | | | | | ╞┼┇╞╡ | . | | 45,B | | | | | · · · · | - | | 600 | , |
| | | | 1 | | | | | ┼┼┼┼┥ | | Welt Winewlizer | Puartz-Chlorite | | 45,8 | 47.0 | 1,2 | 509109 | 545 | 1.2 | 1.04.4 | 4 |
| | | | | | ╶────┤┼╎╀╎┽╿┽┝┼ | | | ┼┼┟┽┾╸ | | Vein 1 Altered Bri | eccini lult | | | | | | | | | ╂──┼─ |
| 1 | | | | | ───── <u></u> | | | ┼┽╂┞┼ | | Strong gtz-chlor Alt | 1 mod perv. | | | · | | | + | | - <u> </u> | ╂──┼─ |
| | | | | | ──── ──────────────────────────────── | | ╞┼╌┤┨ | ┿┿┿ | | Sevicite Massive to | pp minar | | | | | · · · · · · · · · · · · · · · · · · · | | · | · | + |
| | | | - | | ──── ────────────────────────────── | ┝┿╸╸┾╴┥ | | ┿╋┿ | - | - py 1 cpm acuis | AS INTEGULAN | | | | | | | | | ++ |
| | | ┟╌┼╼ | | | | ┝┽╂┿┾┥ | ╞┾┽┨ | ↓↓↓↓ | | masses in giz chir | Vein Talso | | | | | | | | | ++ |
| | | | 35.9-53.8 | Strongly Winevalized & Ch | brile - | | | ╺<u></u>╞┊╞╞╤╼ | | 05 10 cm 7 90 50 | pirale Veins | | | | | | | | | + |
| | | | AZ9 | Quartz-Sevicite Altered D | | | | | | / Gands, Sevicite a | + 6xx-u1+ . | ╋┥┿╧ | | | - | | | | | <u>}</u> } |
| 1 | | <u> –</u> | | | | ┾┊╋┿┿ ┥┥┨┙ | | ╺┼┽╂┲┮ | | has miner suppliedos | | | | | | | | | + | <u>├</u> |
| Ì | | | | Section is highly variable, i | 1 Lander Britter | ┼┼┼┼╴ | | | | (10 7/ Py 5/ CP | <u>y 47.)</u> | | <u> </u> | | | | | | + | <u>├</u> |
| | | | | altered intervals where apo | a lea los | ┟┼┠┼┾╸ | \square | | Γ | (a) 46.5 (A 48 m) | SV SX tov IScm. | | <u>+</u> | | | | | | + | |
| | | | - | are presurved are cut by | | ╞┿╊┿┾ | | | - | | 47 | | 170 | 190 | 20 | Carlino | 054 | 20 | 1970 | |
| 1 | | | | grey service alleration the | stringer | ┆┝╋╞╤ | | | | Massive rivie + Pu | win re- charopy | | =1.0 | 710 | x .0 | SOTIO | git | <u>~.0</u> | 1.17 | 1 |
| | | + | | alteration is cut by siz is | | ++++ | | | | TIIIII | T wagnetile | | + | | | | | | | |
| | | ++ | | similar to above T by w | stringers | | | | | Iotal Texture destruc | TIVE IFPEROI-OUT | ┟┼┼┼ | | | | | | | + | + |
| | - | ++ | | allzeci cubuite with augult | | | +++ | | | pier veining un you | Anizabe Textur | ╊┼┼╧ | ╂──── | | | | | | <u>† · </u> | <u>†</u> |
| | | ++ | | VEINS & VEUVASIVE TEXTUVE AR | | ┼┼┼┼ | | FIII | | The A 11 TO | ALTE | ┢┼┼┼ | 1 | | 1 | | + | | + | <u>├</u> |
| | — | ++ | | veplacements. Julphotes que | Pr Pr A | ┼┼┟┼┼ | +++ | | | blebs cpn r chburle | The My Theen | ╏┼┼┼╴ | | * | | | | | 1 | tt |
| | | 1-1- | | In the chievite view sections. | $-\frac{p_{1}}{2}$ | ┽┼╂┾┽ | ++ | | | R. 40 PLATE | UT M- DO SP | °+++ | <u> </u> | | 1 | | 1 | | 1 | |
| | | |] | cpy coexist atten rg 7 mile | •inc | ┽┼╋┼┼ | | | | mi di di di la | -1/1, riag 2/20.0- | ╋┼┼╧ | | | <u> </u> | | <u> </u> | | † | <u>+</u> |
| | | | | as massive solinted - Sheav: V | | | | | | Holy Ir, Sph. Ir. 1 | | | 1 | | | | 1 | | <u> </u> | ++ |

.

| [| | w. | | | | | | | | | | | | [| <u>.</u> | |
|--------------|---------------------------------------|----------|--------|---|---------|-----------|-------|------------------|------|-----------|--------|-------|------------|---------------|-----------------------|------------------------|
| PAGE | 7 | OF | ·····- | PROJECT: PVU 93-01 TREK | | | | 1 | HOLE | NO.7 | RK' | 13-01 | | PAGE | 8 OF | PROJECT: 7 |
| | Б | X | 쀭 | | | | ERAI | | | ₩≻ | Ľ | | | ſ | | |
| <u>E</u> | L L L L L L L L L L L L L L L L L L L | l õ | CTU | GEOLOGICAL DESCRIPTION | Ì | | | | | IS IS | 0 Z | | | | MINE | RIZATION |
| LL | Ī | E | L BU | | | | | | E | A HOUSE | " | | | 1 | DES | CRIPTION |
| <u> </u> | 8 | <u> </u> | - S | | - A | B | | | E | <u> </u> | 8 | | <u>+</u> | | | |
| F | | | | Stringers after show good zonatio | 2-1-1- | | | | | | | | - r | Sev | ni Wassive | Pyrite, with |
| F | | | | having as sulphide at care, | | | | | | | | | | Cpy | , Pø, Wagu | elite, Charite, |
| F | | | | gtz-chlar sulphide auter cove, | | | | | | | | | | Epie | de Simi | as to above |
| F- | | | | locally a white at the owner of the | | | ┢┋┊ | | | | | | | - Credi | in less tot | al sulphide less |
| — | | - | | hale 7 all cutting pervasive suit | | ╋╍┝╼┝╸ | ╂┼┼ | | ┢┊┊ | | | | | Cpy. | "ligguetite | A calcite strangly |
| F | | | | alteration. | ╶╴┠┟╍┼ | ╁┼┼ | | | | | | ╁╁┽ | | 6550 | c., | |
| F | | | | | | | ┟┼┼ | | ┟┟┼╌ | ┠┼┼╸ | | | | CA a | at 50.9 4 | 50 |
| F | | | | Alteration of Suprime Internet | | | | | ╏╎ | | | ╉╉┼ | | note | 50% core los | ss 49,2-49,7 |
| F | | | | rinno, epidote (unglit green) | | | | | ╂╉┿ | | | ╁┾┼ | | (Ry 2 | <u>01., P\$ 31. C</u> | py 3% (mostly in |
| F | | | | Intergrande To undselve supplied | ╼╋┿┼ | | ╋ | ╞┼┼╴ | ┇┊┊ | | | ╋╋ | | 49.2- | 49.7), Wing | 37. |
| E | | | | 1 location conceptating under the | ╼┟┼┼ | | | | | | | ╶╂┼┼ | | | | 50.9 |
| <u> </u> | | | | Illing Vois sizine in course design | ╼╊┾┼ | | ╂╬╪ | | | | | ╉┼┽ | | Weak | In Wineral | ized Quartz - |
| E. | | | | massive py. | | | | | | | | | | <u>Chla</u> | ite - Sevicit | e Altrure |
| E | | | | 0.10 11 11 11 10 | | | | | | | | | | 7033 | - Evercia. | Mod - strang |
| E | | | | 102 dan CA tr Well Survives the | | | | | +++ | | 1- | ╉╋ | ╡╶┈╽╹ | alter | ed but loxx | textures visible, |
| E · | | | | 5 11 | ╧╋╫╡ | | | ┢┼┼ | | H | | | | Winer | v coause di | sem t stringers |
| E | | | | fault | | | | | | | | 111 | | - fy. · | te cpy. (Py | 21., Cp3 tr. pg 11.) |
| <u> </u> | | | | a sis chy-course fault (Sta) | | | +++ | ┇╎┼╴╪ | | | | 111 | | | | <u> </u> |
| F | | | | O CC + SS CA 16' | | | ╂┼┼ | ╏ | | ╞┼┼ | ++- | -+++ | | []/ass | ive Pyrite, | Pywhotite with |
| F | 1 | | | | ╾┟┼┼ | ╉┽╪ | ╋ | | | ++ | + | | | <u>Charce</u> | pynte, M | llagnetite Epidote |
| F | | | | | ╶╊╫┦ | +++ | +++ | | | | + | | | Vou | similar to | 47.0-49.0, local |
| F | | | | 52 8- 64 6 Planadace Find Avente Planie | . - - | ╁┼┼ | | \square | | ╏ | | | | Convisi | e ground | calite. M |
| F | | | | VStla Maleria Buerrie Tuff | | | | \square | | | | | | Intels | <u>itia epidat</u> | e magnetite + |
| F | | | | BED Very circles to section 14-35.9 | | | +++ | | | +++ | | | | miner | cpy also | t.g. py pp bands |
| F | | | | Taul aven to avenuch aven | | +++ | | +++ | ++ | \square | | | | Veine | <u>s with lep</u> | isy cpy + inter- |
| F | | | | 1-3 + > 5-10 cm sub grauby | | | | \square | | | | | | 571710 | CHINTE | |
| <u> </u> | | | | to subverying of figurents of | | | H | \mathbb{H}^{+} | | | | | | Cry 23 | 27 10 01. C | <u>Py 4/, Nag 5%)</u> |
| - | | | ╪╪╸ | Placinglase vice (1-2m-biles) wi | il H | \square | Π | | | | | | | | 12.2 10 1m | mer py pø cpy |
| F | | | ╉┼╪ | lesser as Imm quaite phenes, volce | mile | + | | | | | | | | Q 62 | \sim CA 30° | of a said wai |
| - | | | | Remoloxies of logs often vague | · + - | | | | | | | | | | 0 5 6 130 | p (py epia vern |
| F | 1 | | | diffuse to unity. With dark fine | | | | | | | | | | <u> </u> | 66 53.0 0 | NISU SX CA JU |
| - | | | ++- | avoined will similar but "less | | | | | | | | | - | Wald | 107 | Save La |
| F | | | | current with them frags. Difficult | | | | | | | | | | Alter | J Plan mala | Plana Rimia |
| F | | | ++- | to tell but appears to be lutx | | | | | | | | | | TUSC | PL D. | dia line |
| - | | | ++- | supported. | | | | | | | ╈ | | | hlohe | + in inche | dilating chimens |
| F | | | 1-1- | Spondic Po Pu Du styligers all | on H | | | | | | | | | (P. 3 | 1 Pd 71 | (CARDINE STUDGEDS |
| F · | 1 | — | | difuidie with mossive py, local | | | ╂┼╂ | | | ╈ | | | | -3- | ~, 19 ~~, | φ <u>φ</u> |
| F | | - | | med to strong patches of spurit | ₂ H | | | | | ╁┼┼ | ++ | | | Wall. | Wingung) | al Sourie |
| F | | | | alterntin, injuar at epid fsp | | | | | ╁┼┼ | ╁╁┼ | # | ╞╪╪┥ | | Altere | J Digater bick | P Duquir Rupping |
| F | | | | Stringers | | | ╈ | ╁┼┼ | ╁┼┼ | ╂┼┽ | # | ╞╉┾╡ | | 12.5 | : 5000 0 | s abare luit |
| F | | | | | | | | ╆╫ | ╈ | ╁┼┼ | | | | 1 Lund | Cer alteration | in & lace culdento |
| F | | | | | | | | | ┼┼┼ | ╅╪┽ | ## | ╞╋╋┥ | | (Pm 1) | Pd 21) | |
| E | | | | | | | | ╂┼┽ | ╈ | ╂╂┼ | ++ | ╞╪╪┤ | | | | |
| E | | | | | | | | ╁┼┼ | ╉╪╪ | ┼┼┼ | ++ | | | | | ••••• |
| E | | | + | | | | | | | | | | | | | |

· · · · ·

...) a::)

····· · ·

| | | | | | | | | | | | ····· | · · · · · · · · · · · · · · · · · · · |
|------------|----------|-------|---------|----------|---------|----------|------------------|-----------|----------|-------|----------|---------------------------------------|
| P | 'V | υ | 9 | 3-01 | | | | | | | HOLE | NO.TRK93.01 |
| | | | ŝ | | SAMPLES | 3 | | | ASS | SAYS | | |
| | | TOTAL | SULPHID | FROM | то | WIDTH | SAMPLE NUMBER | Au Doh | Ag | Cu | | |
| | Η | | | 49.0 | 50,9 | 1.9 | 509111 | 560 | 2.2 | 1.14% | | |
| | H | - | - | | · | | | | | | | |
| | Ħ | - | + | | | <u> </u> | | ļ | | | | |
| 1 | | | - | | | | | | | | | |
| 19 | | | + | | | | | | | | | |
| | | Ķ | 4 | | | | | | | | | |
| | \dashv | + | Ì | + | · · · | | <u> </u> | | | | | |
| | | | | - | | | | | | | | |
| | | | | - | 1 | | | | | | | |
| q _ | | + | + | | ······ | | | | | | | |
| - | + | + | + | 50,9 | 52,1 | | 509112 | 135 | 1.4 | 1955 | | |
| _ | | | - |] | | | | | | | | |
| | | 2 | | | | | | | | | | |
| | | 2 | + | | | | | | | | | |
| 5 | + | + | + | | | | | | | | · | |
| , | | | + | - | | | | | | | | |
| | | | | 52.1 | 53.8 | 1,9 | 509113 | 970 | 0.8 | 1.637 | <u> </u> | |
| e | + | ╈ | + | <u> </u> | | | | | | | | |
| | + | + | + | - | 1 | | | | | | | |
| | + | 1 | + | | | | | | | | | |
| | + | | Ŧ |] | | | | | | | | |
| U U | + | + | + | | | | | | | | | |
| - | ŧ | | 7 | | | | | | | | | |
|) | Ŧ | ľ | + | | 1 | | | | | | | |
| | + | Ŧ | + | | | | | | | | | |
| | 1 | | - | | | | | | | | | |
| ; | | | | | | | | | | | | |
| | + | ╪ | + | | | | | | | | | |
| вļ | + | + | + | | | | | | | · | | |
| - | + | Ŧ | + | 53,8 | 55,0 | 1,2 | 509114 | 25 | 0.4 | 664 | | |
| -[| | + | | | . 1 | | | | | | | |
| _ | + | ł | + | | | | | | | | | |
| | + | + | ŀ | | | | | | | | | |
| | | Ŧ | + | | 1 | | | | | | | |
| | Ŧ | | Ţ | 55,0 | 56.0 | 1 | 509115 | <5 | 0.4 | 322 | | |
| | Ŧ | f | f | | | | | | | | | |
| _ | + | + | + | | | | |] | | | | |
| 2 | | \$ | + | | | | | | | | | |
| _ | Ŧ | t | + | | | | | | | | | |
| -[| Ŧ | ľ | | | | | | | | | · | |
| -[| T | Ī | Í | | | | | | | | | |
| | | 1 | i | | | 1 | | | | | | ······ |

. •

.

.
| 880 | | HOLE NO. | PAGE 10 OF | PROJECT: | | | | (| | | | | HOLE |
|---------|---------------------------------------|----------|---------------------|--|--|----------|--------------|---|------------------|----------|-----------------|---------------|---------------------|
| OF Ph | | | | | ES | | SAMPLE | 5 | | | ASS | SAYS | |
| | | | MINERIZ/ DESCRIP | ATION TION | PHIC | FROM | | H | SAMPLE NUMBER | Au | Aa | Cu | |
| | GEOLOGICAL DESCRIPTION | | | | Su ₁ | FROM | | | | - ah | | | l |
| | | | Mondontela Sevic | ite Altered | | Gaz | 613 | 1 | 509116 | 70 | $\frac{ppm}{4}$ | 15pm | |
| | | | - Buercia Tuff with | Qtz Chlarite | | - | 1000 | 1 | 201110 | 1 10 | <u> · · ·</u> | | |
| | | | Pu stringers an | asianal - 101. | | - | | 1 | | | | | |
| | | | Y-4cm stringes | at Qtz chla, | | | | | | | | | |
| | | | calcite a massive | C.q. py to | 5 | - | | 1 | | | | | |
| | | | minor opsi | | | | | | | | | | |
| | | | (py 41, cpy 21) | Pø 1%) | ┠╬┿╡ | | | | | ļ | | |] |
| | - D , $1V$ | | CA at 60m 48 | • | ┝┿┥┿ | | | | | | | | |
| | BLANA | | | | | | <u> </u> | 1 | | | | - | |
| | | | 4 cm Wassive (9 | ST. Sulphido) | | 62.5 | 62,8 | 1 | 509117 | 30 | 1.2 | 3/40 | |
| | × | | Vein at tg. py 1 | <u>pp w 4/.</u> | | | | | | | | ┟──┼ | |
| | DALE | | L La Harris | the Alant | 75 | | | 1 | | | | ├ | |
| | THEE. | | 1- F.g. Alevgun | ha Shar con | ╏ | | | | | 1 | | | |
| | | | stringers | 9 19 | ┨╌╎╶╎ | - | | | | | | | \rightarrow |
| | | | @ 62.7m Ct at 4 | 15V SX Vein SB° | | - | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | - | | | | | | | |
| | | | | | | - | | | | | | | |
| | | | | | | 4 | | | | <u> </u> | | | |
| | | | · | | ╞┼┼┽ | 4 | | | | ļ | | | |
| | | | | | ┣╋╋ | | | | | | | └─── ┣ | |
| | | | | | |] | | | | | | ┝───┼─ | |
| | | | | | | | | | | | | ┟ | \rightarrow |
| | | | | | ┠┽╄╧ | | | | | | | | |
| | | | | | ┢┽┽┽ | | | | | | | | |
| | | | | | | - | | | | | | | |
| | | | | - | | - | 1 | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | ╞┼┼┼ | | <u> </u> | | | | | | $ \longrightarrow $ |
| | | | | | | 1 | | | | | | <u> </u> | |
| | | | | | |] | | | | | | · | |
| | | | | | | | | | | ├ | | | |
| | | | | ····· ·· · · · · · · · · · · · · · · · | | + | [;] | | | | | | |
| | | | | | ╊╾ ╞╺╇╺ ┾ ┣─┼ ╸┝ ╶┝ | | i | | · | | | | |
| | | | | | ┝┾┾┼ | | | | · · · · · | | | | |
| | | | | | | - | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | •••••••••••••••••••••••••••••••••••••• | | <u> </u> | | | | | | | |
| | | | | | ╞┿┽┾ | <u> </u> | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | ┟┼┼┼ | 1 | | | | | | | |
| | | | L | | |] | | | | | | | |
| | | | | | | | ¦ | | | | | | |

APPENDIX E

CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221

EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1 N2

A9323391

UPPER

LIMIT

20.0

100.0

100.0

100.0

DETECTION

LIMIT

0.01

0.01

0.01

0.01

Comments: ATTN: MARK BAKNES

| C | ERTIF | ICATE | A9323391 | | | ANALYTICAL I |
|--------------------------------|---------------------|-------------------------------------|-----------------------------|--------------------------|-------------------|---|
| EQUITY Project: | ENGINEEF PVU93 | RING LTD. -01 | | CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
| P.O. # : Samples This re | submitt port was | ed to our lab i: printed on 27-6 | h Vancouver, BC. OCT-93. | 385 301 312 316 | 2 1 1 4 | Ag oz/T:Reverse Aqua-Regia dig'n Cu %: Reverse Aqua-Regia digest Pb %: Reverse Aqua-Regia digest Zn %: Reverse Aqua-Regia digest |
| | SAM | PLE PREPAF | ATION | | | |
| CHEMEX | NUMBER SAMPLES | | DESCRIPTION | | | |
| 244 | 5 | Pulp; prev. pr | epared at Chemex | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PROCEDURES

METHOD

AAS

AAS

aas

AAS



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 •: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK BAKNES Page Lober :1 Total Pages :1 Certificate Date: 27-OCT-93 Invoice No. : I9323391 P.O. Number : Account :EIA

| | | | | | | CERTIFIC | ATE OF A | NALYSIS | A93 | 323391 | |
|--|--|----------------------|--------------|--------------|----------------------|---------------------------|----------|---------|-----|--------|--|
| SAMPLE | PREP CODE | Ag oz/T | Cu % | Pb % | Zn % | | | | | | |
| 509014 509015 509017 509021 509022 | $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | 1.44 1.34 | 2.27 | 1.41 | 1. 1. 4. 7. | 21 58 32 - 56 | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | į | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Г

Said Zingb



Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

A9322935

Comments: ATTN: MARK E. BAKNES

CERTIFICATE

A9322935

EQUITY ENGINEERING LTD.

Project: PVU93-01 P.O. # :

Samples submitted to our lab in Vancouver, BC. This report was printed on 23-OCT-93.

| SAMPLE PREPARATION | | | | | | | | | | |
|--------------------|-------------------|---|--|--|--|--|--|--|--|--|
| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | | | | | | | | |
| 205 274 229 | 13 13 13 | Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge | | | | | | | | |

| CHEMEX CODENUMBER SAMPLESDESCRIPTIONMETHODDETECTION LIMITUPPER LIMIT10013 Au ppb: Fuse 10 g sampleFA-AAS5100003964 Au oz/T: 1/2 assay ton As ppm: 32 element, soil & rockFA-GRAVIMETRIC ICP-AES0.00320.000211813 As ppm: 32 element, soil & rockICP-AES0.2200212313 Bi ppm: 32 element, soil & rockICP-AES210000213113 Bi gpm: 32 element, soil & rockICP-AES110000213113 Bi gpm: 32 element, soil & rockICP-AES110000213613 Mo ppm: 32 element, soil & rockICP-AES110000213613 Bo ppm: 32 element, soil & rockICP-AES210000214013 Bi ppm: 32 element, soil & rockICP-AES210000214113 Bi ppm: 32 element, soil & rockICP-AES210000214013 Bi ppm: 32 element, soil & rockICP-AES210000214913Zn ppm: 32 element, soil & rockICP-AES210000214913Zn ppm: 32 element, soil & rockICP-AES210000 | | | | | | |
|---|--|---|--|--|---|--|
| 100 13 Au ppb: Fuse 10 g sample FA-AAS 5 10000 396 4 Au oz/T: 1/2 assay ton FA-GRAVIMETRIC 0.003 20.000 2118 13 Ag ppm: 32 element, soil & rock ICP-AES 0.2 200 2120 13 As ppm: 32 element, soil & rock ICP-AES 2 10000 2123 13 Bi ppm: 32 element, soil & rock ICP-AES 2 10000 2128 13 Cu ppm: 32 element, soil & rock ICP-AES 1 10000 2131 13 Hg ppm: 32 element, soil & rock ICP-AES 1 10000 2136 13 Cu ppm: 32 element, soil & rock ICP-AES 1 10000 2136 13 Mo ppm: 32 element, soil & rock ICP-AES 1 10000 2140 13 Pb ppm: 32 element, soil & rock ICP-AES 2 10000 2140 13 Sb ppm: 32 element, soil & rock ICP-AES 2 10000 2149 13 Zn ppm: 32 element, soil & rock ICP-AES 2 10000 2149 13 Zn pp | CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
| | 100 396 2118 2123 2128 2131 2136 2140 2141 2149 | 13 4 13 13 13 13 13 13 13 13 13 13 | Au ppb: Fuse 10 g sample Au oz/T: 1/2 assay ton Ag ppm: 32 element, soil & rock Bi ppm: 32 element, soil & rock Cu ppm: 32 element, soil & rock Hg ppm: 32 element, soil & rock P ppm: 32 element, soil & rock Sb ppm: 32 element, soil & rock Zn ppm: 32 element, soil & rock | FA-AAS FA-GRAVIMETRIC ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES | 5 0.003 0.2 2 1 1 1 2 2 2 2 2 2 | 10000 200 10000 10000 10000 10000 10000 10000 |

.

ANALYTICAL PROCEDURES



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221

EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK E. BAKNES Page Noter :1 Total Pages :1 Certificate Date: 23-OCT-93 Invoice No. :19322935 P.O. Number : Account EIA

| | | | | | | | | | CERTI | FICATE | OF AN | | <u> </u> | <u>19322935</u> | <u> </u> | |
|--|--|--|--------------------------------------|---------------------------------|------------------------------------|-----------------------------------|---|------------------------------------|-------------------------------|--------------------------------------|-----------------------------------|--------------------------|---|-----------------|----------|---|
| SAMPLE | PI C(| rep Ode | Au ppb FA+AA | Au FA oz/T | Ag ppm | As ppm | Bi ppm | Cu ppm | Hg ppm | Mo ppm | Pb ppm | Sb ppm | Zn ppm | | | |
| 50901 4 509015 509016 509017 509018 | 205 205 205 205 205 205 | 274 274 274 274 274 | 3200 6100 110 >10000 900 | 0.096 0.186 0.524 | 21.4 23.2 2.4 42.4 5.6 | 1110 1895 28 2590 228 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 1475 396 4140 744 1015 | < 1 < 1 < 1 2 < 1 | 3 < 1 < 1 < 1 < 1 < 1 | 3130 4210 30 1680 442 | 16 30 2 26 6 | 9490 >10000 154 >10000 2630 | | | |
| 509019 509020 509021 509022 509023 | 205 205 205 205 205 | 274 274 274 274 274 274 | 150 290 1100 710 65 | 0.034 | 2.2 0.6 7.6 39.8 1.2 | 736 5610 52 188 18 | < 2 < 2 < 2 8 < 2 | 935 153 >10000 976 855 | < 1 < 1 < 1 6 < 1 | 3 < 1 2 18 23 | 24 6 2 >10000 88 | 10 6 4 < 2 2 | 386 334 184 >10000 1940 | | | |
| 509024 509025 509026 | 205 205 205 | 274 274 274 | 170 25 510 | | 2.2 0.4 2.6 | 12 18 46 | < 2 < 2 < 2 | 2320 85 233 | < 1 < 1 < 1 | 106 1 2 | 502 10 88 | 2 < 2 4 | 2710 86 248 | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | I | | I | l | <u> </u> | I | I | | | <u> </u> | CEF | | N: Ja | AB | chler |] |

b:

Г



Chemex Labs Ltd. Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221

to: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

A9322369

١,

Comments: ATTN: MARK E. BAKNES

| С | ERTIF | CATE | A9322369 | | | | | | | | | | |
|---|---------------------------------------|------------------------|--|--|--|--|--|--|--|--|--|--|--|
| | NGINEEF | NING LTD. | | | | | | | | | | | |
| Project: P.O. # : | PVU93- | 01 | | | | | | | | | | | |
| Samples submitted to our lab in Vancouver, BC. This report was printed on 20-OCT-93. | | | | | | | | | | | | | |
| | rnis report was printed on 20-OCT-93. | | | | | | | | | | | | |
| r | | | | | | | | | | | | | |
| | SAM | PLE PRE | PARATION | | | | | | | | | | |
| CHEMEX | NUMBER SAMPLES | | DESCRIPTION | | | | | | | | | | |
| 205 274 229 | 99 99 99 | Geochem 1 0-15 lb c | ing to approx 150 mesh rush and split | | | | | | | | | | |
| | 33 | ICF - NY | Digestion charge | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| · | <u> </u> | | | | | | | | | | | | |

ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | | Upper Limit |
|----------------|-------------------|----------------------------------|----------------|-------|----------------|
| 100 | 99 | Au ppb: Fuse 10 g sample | FA-AAS | 5 | 10000 |
| 397 | 12 | Au g/t : $1/2$ assay ton grav. | FA-GRAVIMETRIC | 0.1 | 500.0 |
| 2118 | 99 | Ag ppm: 32 element, soil & rock | ICP-AES | 0.2 | 200 |
| 2120 | 99 | As ppm: 32 element, soil & rock | ICP-AES | 2 | 10000 |
| 2123 | 99 | Bi ppm: 32 element, soil & rock | ICP-AES | 2 | 10000 |
| 2128 | 99 | Cu ppm: 32 element, soil & rock | ICP-ABS | 1 | 10000 |
| 2131 | 99 | Hg ppm: 32 element, soil & rock | ICP-AES | 1 | 10000 |
| 2136 | 99 | Mo ppm: 32 element, soil & rock | ICP-AES | 1 | 10000 |
| 2140 | 99 | Pb ppm: 32 element, soil & rock | ICP-AES | 2 | 10000 |
| 2141 | 99 | Sb ppm: 32 element, soil & rock | ICP-AES | 2 | 10000 |
| 2149 | 99 | Zn ppm: 32 element, soil & rock | ICP-AES | 2 | 10000 |
| 301 | 18 | Cu %: Reverse Aqua-Regia digest | aas | 0.01 | 100.0 |
| 306 | 1 | Mo %: Aqua-Regia digestion | AAS | 0.001 | 100.00 |

ς



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK E. BAKNES Page Pages : 1 Total Pages : 3 Certificate Date: 20-OCT-93 Invoice No. : I9322369 P.O. Number : Account : EIA

| | | | | | | | | CERTI | FICATE | OF AN | ALYSIS | 5 / | 493223 | 69 | |
|--|--|---------------------------------|--------------------|---------------------------------------|--|--|--------------------------------------|---|--------------------------------|----------------------------|--------------------------------------|------------------------------|----------------------|-----------|--|
| SAMPLE | PREP CODE | Au ppb FA+AA | Au FA g/t | Ag ppm | As ppm | Bi ppm | Cu ppm | Hg ppm | Mo ppm | Pb ppm | Sb ppm | Zn ppm | Cu % | Mo % | |
| 484751 484752 484753 484754 484755 | 205 274 205 274 205 274 205 274 205 274 205 274 | 855 135 10 < 5 < 5 | | 4.0 0.8 0.2 0.2 0.4 | 382 34 8 4 6 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | >10000 2450 194 94 61 | < 1 < 1 < 1 < 1 < 1 < 1 | 361 23 4 4 3 | 54 22 22 28 28 | 6 < 2 < 2 < 2 2 | 108 64 38 38 38 | 1.48 | | |
| 484756 484757 484758 484759 484760 | 205 274 205 274 205 274 205 274 205 274 205 274 | 10 < 5 100 75 1170 | 1.2 | 0.4 < 0.2 0.8 0.4 2.4 | 2 < 2 2 8 16 | <pre>< 2 < 2</pre> | 621 50 1585 1155 9580 | < 1 < 1 < 1 < 1 < 1 < 1 | 49 8 9 27 13 | 10 6 6 14 14 | 4 < 2 < 2 4 < 2 | 36 34 86 110 156 | 1.00 | | |
| 484761 484762 484763 484764 484765 | 205 274 205 274 205 274 205 274 205 274 205 274 | 2130 80 65 1440 10 | 2.1 1.3 | 11.0 0.2 0.2 3.0 0.2 | 56 4 4 18 < 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | >10000 779 239 7280 179 | < 1 < 1 < 1 < 1 < 1 < 1 | 99 22 7 64 8 | 30 14 4 16 8 | < 2 < 2 < 2 < 2 < 2 2 | 352 46 34 52 38 | 4.75 0.75 | | |
| 484766 484767 484768 484769 484769 484770 | 205 274 205 274 205 274 205 274 205 274 205 274 | 170 520 65 55 260 | | 0.6 1.4 1.0 0.4 1.0 | 4 < 2 34 20 30 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 1005 3130 669 598 2430 | < 1 < 1 < 1 < 1 < 1 2 | 37 44 6 22 6 | 8 6 12 8 2 | < 2 2 4 2 < 2 < 2 | 50 78 80 40 96 | | | |
| 484771 484772 484773 484774 484775 | 205 274 205 274 205 274 205 274 205 274 205 274 | 90 665 3510 205 10 | 4.0 | 0.4 0.8 5.0 0.6 0.2 | 20 4 58 < 2 6 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 557 2060 >10000 1440 302 | < 1 < 1 < 1 < 1 < 1 < 1 | 2 487 128 104 84 | 8 12 42 10 6 | 2 6 6 < 2 < 2 | 58 68 108 82 56 | 1.64 | | |
| 484776 484777 484778 484779 484780 | 205 274 205 274 205 274 205 274 205 274 205 274 | 2730 180 15 230 15 | 2.5 | 9.4 2.2 0.4 4.0 < 0.2 | 120 30 4 34 < 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 4670 5690 240 4490 963 | < 1 < 1 < 1 < 1 < 1 < 1 | 1240 61 11 5210 19 | 44 22 12 36 6 | 18 2 2 44 4 | 42 70 42 70 50 | 0.65 | 0.772 | |
| 484781 484782 484783 484783 484784 484785 | 205 274 205 274 205 274 205 274 205 274 205 274 | 30 < 5 260 230 1380 | 1.7 | < 0.2 < 0.2 0.4 < 0.2 5.4 | < 2 < 2 6 < 2 184 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 680 117 2070 1025 >10000 | < 1 < 1 < 1 < 1 < 1 < 1 < 1 | 13 < 1 1 1 94 | 6 8 4 2 34 | < 2 2 2 < 2 8 | 40 36 32 38 70 | 1.29 | | |
| 484786 509138 509139 509140 509141 | 205 274 205 274 205 274 205 274 205 274 205 274 | 15 150 365 1410 110 | 1.6 | < 0.2 0.2 1.0 2.0 < 0.2 | 18 < 2 < 2 < 2 < 2 < 2 < 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 336 1840 3840 9890 882 | < 1 < 1 < 1 < 1 < 1 < 1 | 9 30 14 8 19 | 4 6 12 4 8 | < 2 2 4 < 2 2 2 | 38 52 78 148 44 | 1.13 | | |

CERTIFICATION: Stant Buchler



Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 o: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK E. BAKNES Page Cober :2 Total Pages :3 Certificate Date: 20-OCT-93 Invoice No. : 19322369 P.O. Number : Account : EIA

| | | | | | | | | CERTI | FICATE | OF AN | ALYSIS | 6 <i>I</i> | 493223 | 69 | |
|--------|--------------|-----------------|--------------|----------|-----------|-----------|-------------|----------|-----------|-----------|-----------|------------|---------|---------|----------|
| SAMPLE | PREP CODE | Ац ppb FA+AA | Au FA g/t | yd Yd | As ppm | Bi ppm | Cu ppm | Hg Hg | Mo ppm | Pb ppm | Sb ppm | Zn ppm | Cu % | Мо % | |
| 509142 | 205 274 | 45 | | < 0.2 | < 2 | < 2 | 504 | < 1 | 4 | 12 | < 2 | 42 | | | |
| 509143 | 205 274 | 195 | | 0.8 | < 2 | 8 | 2540 | < 1 | 13 | 2 | < 2 | 68 | | | |
| 509144 | 205 274 | 45 | | < 0.2 | < 2 | < 2 | 1935 | < 1 | 123 | 20 | 6 | 34 | | | |
| 509145 | 205 274 | - 25 | | < 0.2 | < 2 | . 2 | 685 | < 1 | 12 | 4 | 2 | 38 | | | |
| 509146 | 205 274 | 80 | | 0.2 | < 2 | < 2 | 4700 | < 1 | 3 | 18 | 6 | 82 | | | |
| 509147 | 205 274 | < 5 | | < 0.2 | 12 | 2 | 517 | < 1 | 26 | 16 | 4 | 38 | | | |
| 509148 | 205 274 | < 5 | | < 0.2 | < 2 | < 2 | 722 | < 1 | 1 | 4 | 4 | 38 | | | |
| 509149 | 205 274 | 40 | | 0.2 | < 2 | < 2 | 3160 | < 1 | 77 | 10 | 4 | 62 | | | |
| 509150 | 205 274 | 65 | | 0.8 | 2 | < 2 | 3350 | < 1 | 60 | 12 | 4 | 58 | | | |
| 509251 | 205 274 | 100 | | 0.2 | < 2 | < 2 | 660 | < 1 | 56 | 8 | 4 | 40 | | | |
| 509252 | 205 274 | < 5 | | < 0.2 | < 2 | < 2 | 201 | < 1 | 6 | 10 | < 2 | 38 | | | |
| 509253 | 205 274 | 995 | | 2.8 | 20 | 4 | 7270 | < 1 | 112 | 18 | 6 | 74 | 0.82 | | |
| 509254 | 205 274 | 60 | | 0.8 | 22 | < 2 | 3070 | | 87 | 12 | < 2 | 42 | | | |
| 509255 | 205 274 | 35 | | 0.2 | 52 | < 2 | 1695 | < 1 | 1 11 | 8 | 2 | 48 | | | |
| 509256 | 205 274 | < 5 | | < 0.2 | < 2 | < 2 | 124 | < 1 | | 12 | 2 | 44 | | | |
| 509257 | 205 274 | 35 | | 0.2 | < 2 | < 2 | 3310 | < 1 | 28 | 12 | 2 | 66 | | | |
| 509258 | 205 274 | < 5 | | < 0.2 | < 2 | < 2 | 323 | < 1 | < 1 | 10 | 4 | 52 | | | |
| 509259 | 205 274 | 190 | | 0.4 | < 2 | 6 | 6540 | <1 | 92 | 14 | 4 | 236 | 0.69 | | |
| 509260 | 205 274 | 295 | | 0.2 | 8 | < 2 | 7990 | | 222 | 20 | 6 | 24 | 0.97 | | |
| 509261 | 205 274 | 100 | | < 0.2 | 30 | < 4 | 2030 | | 43 | 20 | 4 | 04 | | | |
| 509262 | 205 274 | 175 | | < 0.2 | 62 | < 2 | 4600 | < 1 | < 1 | 24 | 6 | 6 | | | |
| 509263 | 205 274 | 210 | | 0.4 | 50 | < 2 | 3180 | < 1 | 64 | 14 | 4 | 48 | | | |
| 509264 | 205 274 | 310 | | 1.6 | 138 | < 2 | 4640 | <1 | 20 | 18 | 2 | 54 | | | ł |
| 509265 | 205 274 | < 5 | | < 0.2 | 8 | < 2 | 226 | | 4 | < 2 | 2 | 44 | | | 1 |
| 509266 | 205 2/4 | 840 | | 1.0 | < 4 | 0 | 3130 | | 31 | • | < 4 | /8 | | | |
| 509267 | 205 274 | 6960 | 7.9 | 11.0 | 22 | < 2 | >10000 | < 1 | 300 | 18 | 4 | 320 | 4.45 | | |
| 509268 | 205 274 | 1050 | 1.1 | 2.2 | 10 | 12 | 8300 | | 421 | 14 | 2 | 214 | 0.91 | | |
| 509269 | 205 274 | >10000 | 24.8 | 12.0 | < 2 | < 2 | >10000 | | 148 | 14 | < 2 | 552 | 5.68 | | |
| 509271 | 205 274 | 760 | | 2.4 | < 2 | < 2 | 2750 | <1 | 42 | 6 | 2 | 84 | 0.94 | | |
| 500070 | 205 274 | | | 0.2 | | | 1005 | | 14 | | | | | | <u> </u> |
| 509272 | 205 274 | | | 1 2 0 2 | 1 2 2 | 22 | 249 | | 3 | | 2 | 42 | | | |
| 509274 | 205 274 | 90 | | 0.6 | 12 | 2 | 3010 | | 236 | 14 | 2 | 34 | | | |
| 509275 | 205 274 | < 5 | | < 0.2 | 10 | < 2 | 745 | < 1 | 19 | 14 | 2 | 36 | | | |
| 509276 | 205 274 | < 5 | | < 0.2 | 6 | < 2 | 771 | < 1 | 22 | 10 | 6 | 32 | | | |
| 509277 | 205 274 | < 5 | | 0.2 | 16 | < 2 | 1010 | < 1 | 36 | 4 | 2 | 34 | | | <u> </u> |
| 509278 | 205 274 | < 5 | | 0.2 | 20 | < 2 | 1105 | < 1 | 53 | 8 | 4 | 32 | | | 1 |
| 509279 | 205 274 | 180 | | 5.2 | 58 | < 2 | 4500 | < 1 | 163 | 18 | 4 | 68 | | | |
| 509280 | 205 274 | 360 | | 8.2 | 200 | 16 | 5870 | < 1 | 168 | 18 | 6 | 100 | 0.66 | | |
| 509281 | 205 274 | 885 | | 5.2 | 1705 | < 2 | 4630 | <1 | 66 | 34 | 6 | 92 | | | |
| | | 1 | | | | 1 | | | | | | | | | |

CERTIFICATION: tanto Suchley



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 o: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK E. BAKNES Page ber :3 Total Pages :3 Certificate Date: 20-OCT-93 Invoice No. : 19322369 P.O. Number : Account : EIA

| | | | | | | | | | CERTI | -ICATE | OF AN | ALYSIS | 5 A | 1932236 | <u>59</u> | |
|--|--|----------------------------|----------------------------------|--------------|--|------------------------------|--|--|--|----------------------------|--------------------------------|--------------------------------------|-----------------------------|----------|-----------|--|
| SAMPLE | PREI CODI | Ρ λι 2 F2 | u ppb A+AA | Au FA g/t | Ag ppm | As ppm | Bi ppm | Cu ppm | Hg ppm | Mo ppm | Pb ppm | Sb ppm | Zn ppm | Cu % | M0 % | |
| 509282 509283 509284 509285 509286 | 205 27 205 27 205 27 205 27 205 27 | 74 74 74 74 74 | 65 < 5 140 80 < 5 | | 0.6 < 0.2 0.2 < 0.2 < 0.2 < 0.2 | 686 14 14 40 < 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 77 4 88 896 2010 60 | < 1 < 1 < 1 < 1 < 1 | 11 1 3 41 < 1 | 2 < 2 2 2 2 < 2 | 2 2 2 2 2 2 4 2 | 68 46 44 54 38 | | | |
| 509287 509288 509289 509290 509291 | 205 27 205 27 205 27 205 27 205 27 205 27 | 74 74 74 74 | < 5 250 1140 100 < 5 | 1.2 | < 0.2 0.2 0.6 < 0.2 < 0.2 | 4 20 28 4 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 350 2110 7290 698 255 | < 1 < 1 < 1 < 1 < 1 < 1 | 1 5 44 1 25 | < 2 4 2 < 2 2 | 2 2 < 2 2 2 2 | 42 82 118 52 66 | 0.71 | | |
| 509292 509293 509294 509295 509296 | 205 27 205 27 205 27 205 27 205 27 | 74 74 74 74 | < 5 195 65 < 5 30 | | < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 | 2 12 10 < 2 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 503 809 1250 147 848 | < 1 < 1 < 1 < 1 < 1 | 2 39 28 < 1 17 | 2 22 4 4 < 2 | 2 2 2 2 2 2 2 2 | 38 60 48 36 44 | | | |
| 509297 509298 509299 509300 | 205 27 205 27 205 27 205 27 | 74 74 74 | 45 405 5 445 | | < 0.2 < 0.2 < 0.2 < 0.2 | 4 2 2 12 | < 2 < 2 < 2 < 2 | 1620 3690 797 5160 | < 1 < 1 < 1 < 1 | 113 200 41 385 | 2 2 2 2 2 | 2 4 < 2 2 | 52 54 42 84 | 0.56 | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

Г

CERTIFICATION: How How .



Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

A9322236

Comments: ATTN: MARK BAKNES

| С | ERTIF | ICATE | A9322236 | | | | | | | | | | |
|---|---|---------|-------------|--|--|--|--|--|--|--|--|--|--|
| EQUITY ENGINEERING LTD. | | | | | | | | | | | | | |
| Project: P.O. # : | Project: PVU93-01 P.O. # : | | | | | | | | | | | | |
| Samples submitted to our lab in Vancouver, BC. This report was printed on 14-OCT-93. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| r | | | | | | | | | | | | | |
| | SAM | PLE PRE | PARATION | | | | | | | | | | |
| CHEMEX | NUMBER SAMPLES | | DESCRIPTION | | | | | | | | | | |
| 205 274 229 | CHEMEX CODE NUMBER SAMPLES DESCRIPTION 205 50 Geochem ring to approx 150 mesh 0-15 lb crush and split 229 50 ICP - AQ Digestion charge | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| ANALYTICAL PROCEDURES | | | | | | | | | | | |
|--|--|---|--|---|--|--|--|--|--|--|--|
| CHEMEX CODE | NUMBER | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT | | | | | | |
| 100 396 2118 2120 2123 2131 2136 2140 2141 2149 | 50 50 50 50 50 50 50 50 | Au ppb: Fuse 10 g sample Au oz/T: 1/2 assay ton Ag ppm: 32 element, soil & rock As ppm: 32 element, soil & rock Bi ppm: 32 element, soil & rock Gu ppm: 32 element, soil & rock Hg ppm: 32 element, soil & rock Mo ppm: 32 element, soil & rock Sb ppm: 32 element, soil & rock Zn ppm: 32 element, soil & rock Zn ppm: 32 element, soil & rock | FA-AAS FA-GRAVIMETRIC ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES | 5 0.003 0.2 2 1 1 1 2 2 2 2 | 10000 20.000 200 10000 10000 10000 10000 10000 10000 | | | | | | |



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK BAKNES Page Noter : 1 Total Pages :2 Certificate Date: 14-OCT-93 Invoice No. : 19322236 P.O. Number : Account :EIA

CERTIFICATE OF ANALYSIS A9322236 PREP Au ppb Au FA Ag As Bi Cu Ħg Pb Sb Zn Mo SAMPLE FA+AA CODE oz/T ppm ppm ppm mqq ppm ppm ppm ppm ppm 205 274 509001 100 20 < 2 3630 < 1 ----2.6 2 212 205 274 < 1 < 2 509002 10 ____ < 0.2 < 2 < 2 246 < 1 < 2 50 509003 205 274 40 ----1.2 12 < 2 1395 < 1 < 1 < 2 52 2 509004 205 274 1200 0.038 3.4 14 < 2 3780 23 < 1 2 72 8 509005 205 274 1170 20 < 2 0.036 3.6 3770 27 < 1 8 < 2 180 509006 205 274 170 797 ----46.8 8 2 7 < 1 >10000 78 >10000 509007 205 274 15 ----0.6 6 < 2 293 < 1 < 1 214 < 2 208 509008 205 274 25 ----0.6 16 329 < 2 < 1 1 304 < 2 294 -----509009 205 274 40 0.4 36 < 2 437 < 1 9 10 < 2 48 509010 205 274 90 19.4 44 < 2 1920 ----< 1 9 362 2 1630 205 274 455 509011 ----4.0 40 < 2 2660 < 1 18 70 2 386 -----509012 205 274 120 6.2 32 < 2 960 < 1 308 < 1 4 1590 509013 205 274 30 ----0.4 8 < 2 547 < 1 2 < 2 < 2 44 205 274 < 2 509101 < 5 _____ 0.4 8 70 < 1 1 4 2 56 509102 205 274 430 ----0.4 22 < 2 3770 < 1 385 < 2 < 2 58 509103 205 274 60 165 _ _ _ _ _ 0.2 8 < 2 < 1 20 < 2 2 40 509104 205 274 425 6990 ----0.4 6 < 2 < 1 16 < 2 < 2 156 509105 205 274 < 2 212 5 ----0.4 < 2 < 1 3 < 2 2 36 205 274 509106 800 0.6 12 < 2 5370 < 1 143 ----< 2 < 2 106 509107 205 274 60 0.2 629 < 1 ----6 < 2 12 < 2 < 2 40 509108 205 274 3180 0.102 1.0 12 < 2 >10000 < 1 26 < 2 2 230 509109 205 274 545 14 7030 1.2 < 2 < 1 94 < 2 156 ----< 2 509110 205 274 2070 0.054 2.8 20 < 2 >10000 < 1 478 < 2 < 2 92 509111 205 274 560 2.2 8 >10000 182 < 2 < 1 ----< 2 2 64 509112 205 274 135 ____ 1.4 22 < 2 1955 23 < 1 < 2 4 74 509113 205 274 970 26 ----0.8 < 2 >10000 < 1 74 < 2 < 2 118 509114 205 274 25 ----0.4 8 < 2 664 < 1 22 < 2 < 2 50 509115 205 274 < 5 ----0.4 2 < 2 322 < 1 < 2 < 2 40 4 509116 205 274 70 422 1070 ----1.4 < 2 < 1 43 < 2 < 2 86 509117 205 274 30 -----1.2 20 3140 < 2 < 1 22 < 2 < 2 54 509118 205 274 20 ----0.6 20 < 2 385 < 1 5 4 < 2 54 509119 205 274 50 ----1.6 26 < 2 1245 < 1 6 4 2 62 509120 205 274 35 ----0.8 20 < 2 633 < 1 20 < 2 < 2 52 509121 205 274 1320 0.034 0.2 20 < 2 9790 < 1 660 < 2 6 104 205 274 509122 190 ----0.4 8 < 2 5610 < 1 149 < 2 2 74 205 274 509123 285 ----1.0 18 < 2 4630 < 1 126 < 2 2 68 509124 205 274 420 ----1.4 16 < 2 3690 < 1 38 < 2 2 82 205 274 509125 35 14 ----0.8 < 2 477 < 1 28 < 2 < 2 50 509126 205 274 75 ----0.8 36 < 2 1120 < 1 43 < 2 < 2 48 509127 205 274 260 2.6 1870 3290 ----< 2 < 1 411 12 4 100

CERTIFICATION:_

tart Jorchler



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK BAKNES Page Numer : 2 Total Pages :2 Certificate Date: 14-OCT-93 Invoice No. : 19322236 P.O. Number : Account : EIA

| · | | | | | | | CERTIFICATE OF ANALYSIS A9322236 | | | | | | | | | |
|--|---------------------------------|--|---------------------------------|---------------|-----------------------------------|-------------------------------|---|--------------------------------------|--|------------------------------|---|-----------------------|------------------------------|---|--|--|
| SAMPLE | P | rep Ode | Ац ррb FA+AA | Au FA oz/T | λg ppm | As ppm | Bi ppm | Cu ppm | Hg ppm | Mo ppm | Pb ppm | Sb ppm | Zn ppm | | | |
| 509128 509129 509130 509131 509132 | 205 205 205 205 205 | 274 274 274 274 274 274 | 285 215 120 910 630 | | 0.8 0.6 0.8 2.4 3.2 | 46 40 52 6900 140 | < 2 < 2 < 2 < 2 < 2 < 2 | 3130 2640 1935 1100 7260 | < 1 < 1 < 1 < 1 < 1 | 215 70 162 61 53 | < 2 < 2 < 2 64 6 | 6 4 6 6 | 60 56 50 116 132 | | | |
| 509133 509134 509135 509136 509137 | 205 205 205 205 205 | 274 274 274 274 274 274 | 30 50 20 70 120 | | 0.2 0.6 < 0.2 0.2 0.2 | 22 22 64 12 2 | < 2 < 2 < 2 < 2 < 2 < 2 < 2 | 780 1710 725 1815 5490 | < 1 < 1 < 1 < 1 < 1 < 1 | 1 32 44 4 66 | 4 < 2 < 2 < 2 < 2 < 2 < 2 | 2 4 2 2 2 | 36 54 44 54 76 | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | ٩ | | |

CERTIFICATION: Start Buchler



Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

A9323026

UPPER

LIMIT

20.0

100.0

100.0

100.0

DETECTION

LIMIT

0.01

0.01

0.01

0.01

Comments: ATTN: MARK BAKNES

| C | CERTIFICATE A9323026 | | | | | | | | | | ANALYTICA | LPF | ROCEDURES | |
|---------------------------------|----------------------|-------------------|------------------|--------------------|---------------|--------|---|--------------------------|-------------------|-------------------------------|---|--|-----------------------|--------------------------|
| EQUITY E Project: | ENGINEEF PVU93- | RING LTD | | | | | | CHEMEX CODE | NUMBER SAMPLES | 6 | | DESCRIPTION | | METHOD |
| P.O. # : Samples This rep | submitt port was | ed to o printe | ur lab 1 on 1 | in Var .8-OCT-S | acouve 13. | r, BC. | | 385 301 312 316 | 1 11 1 1 | Ag o: Cu % Pb % Zn % | z/T:Rever : Reverse : Reverse : Reverse : Reverse | rse Aqua-Regia di 9 Aqua-Regia dige 9 Aqua-Regia dige 9 Aqua-Regia dige | g'n st st st | aas aas aas aas |
| | SAM | PLE P | REP | ARAT | ION | | · | | | | | | | |
| CHEMEX CODE | NUMBER SAMPLES | | | DESC | RIPTION | ł | | | | | | | | |
| 244 | 12 | Pulp; | prev. | prepar | ed at | Chemex | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : PVU93-01 Comments: ATTN: MARK BAKNES Page Number :1 Total Pages :1 Certificate Date: 18-OCT-93 Invoice No. : I9323026 P.O. Number : Account :EIA

| | | | | | | CERTIFIC | ATE OF A | NALYSIS | A93 | 23026 | |
|--|---------------------------------|------------------|--------------------------------------|--------------|---------|----------|----------|---------|-----|-------|--|
| SAMPLE | PREP CODE | Ag oz/T | Cu % | Pb % | Zn % | | | | | | |
| 509006 509104 509106 509108 509109 | 244 244 244 244 244 | 1.38 | 0.64 0.49 2.33 0.69 | 2.75 | 2.65 | | | | | | |
| 509110 509111 509113 509121 509122 | 244 244 244 244 244 | | 1.97 1.14 1.63 0.95 0.54 | | | | | | | | |
| 509132 509137 | 244 244 | | 0.71 0.54 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Г

CERTIFICATION:__

Said Zeinab

APPENDIX F

ľ

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Mark E. Baknes, of 4355 St. Catherines Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

- 1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
- 2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology and a Master of Science degree in Geology from McMaster University.
- 3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- 4. THAT this report is based on property work I personally completed and/or directly supervised between September 14 and 23, 1993, government publications and assessment reports filed with the B.C. Ministry of Energy, Mines and Petroleum Resources.

DATED at Vancouver, British Columbia, this _____day of _____, 1994.

Mark E. Baknes, P.Geo.



1990 ROCK SAMPLE ANALYSIS

| Sample | Au (ppb) | Aq (ppm) | Cu(ppm) | Pb(ppm) | Zn (ppm) | <u>As(ppm)</u> |
|--------|----------|----------|---------|---------|----------|----------------|
| 484676 | 590 | 13.2 | 3922 | 58 | 438 | 25 |

1989 ROCK SAMPLE ANALYSES

| Sample | Au (ppb) | Aq(ppm) | Cu (ppm) | <u>Pb(ppm)</u> | Zn (ppm) | <u>As(ppm)</u> | | 14E | Rhyolitic. |
|-----------|--------------------------------|----------|----------|----------------|----------|----------------|-----|----------|-----------------------|
| 465501 | 200 | 0.2 | 852 | 10 | 84 | <5 | | 2007 | |
| 465502 | 1230 | 2.6 | 1.02% | <2 | 186 | 5 | ٣ | EOCE | |
| 465503 | 1920 | 3.4 | 1.25% | <2 | 156 | 40 | | 13A | Biotite quartz monzo |
| 465504 | 3420 | 11.8 | 4.00% | <2 | 384 | 10 | | 13B | Monzonite. |
| 465505 | 260 | <0.2 | 1405 | 4 | 64 | <5 | | | |
| 465506 | 970 | 0.4 | 1449 | 8 | 90. | 75 | | MIDD | LE TRIASSIC TO MIDDLE |
| 465507 | 80 | <0.2 | 161 | 18 | 128 | <5 | | _ | Galore Creek Intrus |
| 465508 | 175 | 0.2 | 934 | . 8 | 120 | <5 | | 11A | Syenite: orthoclase |
| 465509 | 325 | 0.6 | 3643 | <2 | 90 | <5 | | | |
| 465510 | 255 | <0.2 | 2235 | <2 | 60 | 5 | | UPPF | R TRIASSIC |
| 465511 | 815 | 1.2 | 5811 | 26 | 140 | <5 | | • | Stuhini Group |
| 465512 | <5 | <0.2 | 160 | 12 | 104 | <5 | | 8 | Undivided Stuhini |
| 465513 | 470 | 2.2 | 0.93% | <2 | 138 | <5 | | | sedimentary rocks. |
| 465514 | 75 | <0.2 | 1185 | <2 | · 66 | <5 | | 8A | Interbedded wackes, |
| 465515 | 80 | <0.2 | 640 | <2 | 54 | <5 | | 8D | Augite porphyry flow |
| 465516 | <5 | <0.2 | 268 | <2 | 64 | <5 | | 8 E | Andesite and andesite |
| 465517 | 70 | 0.8 | 2950 | <2 | 64 | 30 | | | tuffs: may have asso |
| 465518 | 330 | 2.6 | 1.04% | <2 | 138 | 45 | | 8F | Subvolcanic diorite. |
| 465519 | 1350 | 3.2 | 1.06% | <2 | 146 | 60 | | 8H | Lapilli tuffs, pyroc |
| 465520 | 1410 | 4.8 | 1393 | <2 | 68 | 220 | | 81 | Volcanic conglomerat |
| 465521 | 100 | <0.2 | 528 | <2 | 52 | 20 | | 8J | Basalt: vesicular an |
| 465522 | 55 | <0.2 | 617 | <2 | 62 | 15 | | | |
| 405522 | 55 | | 017 | | ••• | ۰ – – | | | |
| | | | | | | | | PERM | IIAN |
| | | | | | | | | 6 | Undivided sediments. |
| | | | | | | | | 6A | Upper member Permiar |
| 1999 DOCK | GANDLE AN | ALVEES | | | | | | | fossiliferous. |
| Gample | Au(nnh) | | (mm) | Ph(nnm) | 7n (nom) | As (ppm) | | | |
| 245025 | $\frac{3}{2} \frac{8}{\alpha}$ | 24 7a/ | + 1000 | 1705 | 3,53% | 940 | | | |
| 245025 | 11 25a/t | 18 0 | 348 | 856 | 1575 | >10000 | | | MINERAL |
| 245020 | 5 00g/t | . 10.0 | + 3 719 | <2 | 212 | 95 | · • | | |
| 245029/50 | 2.009/0 | 5.09/ | L J.718 | <2 | 30 | 95 | | AS | arsenopyrite |
| 245031 | 2.959/0 | . 5.59/ | 2600 | - C - C | 10 | 24 | | BT | hiotite |
| 245501 | 100 | 0.2 | 210 | - 2 | 40 | 24 | | CB | Fe-carbonate |
| 245553 | 10 | 0.2 | 120 | <2 | * 20 | 10 | | CP | chalconvrite |
| 245554 | 10 | 0.2 | 128 | <2 | <u> </u> | 10 | | CI | galena |
| 245555 | 1250 | 2.4 | 8980 | < 2 | - 69 | 20 | | GD AT | jarogite |
| 245556 | 1530 | 2.6 | 9120 | b a | /5 | < 5 | | MO | molubdenite |
| 358156 | 220 | 1.2 | 2650 | <2 | /2 | C> | | | nurito |
| 358162 | 8.77g/t | 14.4g/ | τ 5.31% | <0.01 | 0.03% | 0.004 | | PI CV | pyrice |
| 358163 | 3.36g/t | : 12.3g/ | t 4.11% | <0.01 | 0.03% | <0.001 | | SK | SKALU |

LEGEND

8E EP

8E

8

850.8

8E c∟

~

⁶⁵7

70,

75,

LITHOLOGIES

- **TERTIARY Dykes and sills** 14A Andesitic. 14B Basaltic and gabbroic. 14C Lamprophyre (biotite minette). 14E Rhyolitic.

245025,026 \$ 8E cL

8E CL

conite.

E JURASSIC sions

porphyry.

- Group volcanics, volcaniclastics and
- siltstone and argillites.
- ws.
- te crystal tuffs \pm andesite crystal lapilli sociated flow breccias.
- clastic breccia and agglomerate.



GEOLOGICAL BRANCH ASSESSMENT REPORT

,50 40 20 10 METRES

WARNER VENTURES LTD.

ite. and amygdaloidal. Stikine Assemblage

- an limestone: massive, light coloured and
 - LS AND ALTERATION TYPES

| nopyrite ite arbonate | AZ BO CC | azurite bornite chalcocite pative copper | BA CA CL FP | barite calcite chlorite epidote |
|-----------------------------|----------------|---|----------------------|--|
| odenite ce n | MS QZ SP | sericite quartz sphalerite | PO SI | pyrrhotite silica |

44 Lineation (inclined)

80 / , / Joint with dip (inclined, vertical)

Dyke •

85, ^{V.}, ^{V.} Vein with Dip (inclined, vertical) and true width in (0.2) (0.2) ^{metres}

Foliation, Schistosity with dip (inclined, vertical)

SYMBOLS

Fault - approximate (inclined, vertical)

Bedding with Dip (inclined, vertical)

Geological Contact (approximate)

81 ି796.≦

ा। े808.7

780.6

ж**.8Е**ер

्र)। 825.8

838.8

Rock Outcrop

8EEP

 Δ , X Rock sample (float, outcrop)

⊠,⊠ Rock sample - approximate location (float, outcrop)

Trench \succ

.

Diamond drill hole (Azimuth, Dip, length) Mineralized intersection horizontal projection

| TREK I-6 CLAIMS | | | | | | | | | | | |
|--------------------------------------|-------------------------|--------|--|--|--|--|--|--|--|--|--|
| DRILL | HOLE PLA | N | | | | | | | | | |
| GEOLOGY & GEOCHEMISTRY GULLY ZONE | | | | | | | | | | | |
| EQUITY E | EQUITY ENGINEERING LTD. | | | | | | | | | | |
| DRAWN: /J.W. | MINING DIV .: LIARD | FIGURE | | | | | | | | | |
| N.T.S.: 104G/3W | SCALE : 1:500 | 5 | | | | | | | | | |
| DATE: APRIL, 1994 | REVISED : | 5 | | | | | | | | | |



| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | CEOLOGICAL BRANCH ASSESSMENT REPORT 23, 394 |
|---|---|
| 504 mega | WARNER VENTURES LTD. |
| ~99,~002 62.5° -120.7m | TREK I-6 CLAIMS |
| | GULLY ZONE DDH TRK 93-01,02 BRITISH COLUMBIA |
| | EQUITY ENGINEERING LTD. |
| | DRAWIN:7J.W.MINING DIV.:LIARDFIGUREN.T.S.:I04G/3WSCALE:I:2506 |
| | DATE: APRIL, 1994 REVISED: |

| | | | | | | | | • | |
|---|---------------------------------------|-----------|---------------------------------------|---|-----|-----|---------------------------------------|--|--------|
| | | · · · · · | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | • | · · · · · · · · · · · · · · · · · · · | | | • . | | | |
| | | | | | | | | | |
| | | • . | | | | | | | |
| | | | | | • | | | | |
| | | | | | | | | | |
| | | | | | | | | | 825 RL |
| · · · · · · · · · · · · · · · · · · · | | · | | | | | | ······································ | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | · · | | | | | | |
| | | | | | | | | | |
| | · · · · | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 800 RL |
| , | | | | | · · | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | , | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | • | | |
| | | ×. | | | | | | | |
| | | | | | | | | | |



GEOLOGICAL BRANCH

700 RL





¥-

GEOLOGICAL BRANCH ASSESSMENT REPORT 23,394METRES WARNER VENTURES LTD. TREK I-6 CLAIMS GULLY ZONE DDH TRK 93-05,06 BRITISH COLUMBIA EQUITY ENGINEERING LTD. MINING DIV: LIARD DRAWN : /J.W. FIGURE 104G/3W N.T.S. : SCALE: 1:250 8 APRIL, 1994 REVISED: DATE:



| Sample | Au(ppb) | Ag(ppm) | Cu(ppm) | Pb(ppm) | Zn (ppm) | As (ppm) |
|---------------|----------|----------|---------|---------|----------|----------|
| 509001 | 100 | 2.6 | 3629 | 2 | 212 | 20 |
| 509002 | 10 | <0.2 | 246 | <2 | 50 | <2 |
| 509003 | 40 | 1.2 | 1393 | <2 | 52 | 12 |
| 509004 | 1.30g/t | 3.4 | 3775 | 8 | 72 | 14 |
| 509005 | 1.23g/t | 3.6 | 3774 | 8 | 180 | 20 |
| 509006 | 170 | 47.32g/t | . 797 | 2.75% | 2.65% | 8 |
| 509007 | 15 | 0.6 | 293 | 214 | 208 | 6 |
| 509008 | 25 | 0.6 | 329 | 304 | 294 | 16 |
| 509009 | 40 | 0.4 | 437 | 10 | 48 | 36 |
| 509010 | 90 | 19.4 | 1919 | 362 | 1630 | 44 |
| 509011 | 455 | 4.0 | 2655 | 70 | 386 | 40 |
| 509012 | 120 | 6.2 | 960 | 308 | 1592 | 32 |
| 509013 | 30 | 0.4 | 547 | <2 | 44 | 8 |
| 509014 | 3.29g/t | 21.4 | 1477 | 3128 | 1.21% | 1110 |
| 509015 | 6.38g/t | 23.2 | 396 | 4210 | 1.58% | 1896 |
| 509016 | 110 | 2.4 | 4141 | 30 | 154 | 28 |
| 509017 | 17.97g/t | 49.38g/t | : 744 | 1680 | 4.32% | 2590 |
| 509018 | 900 | 5.6 | 1016 | 442 | 2628 | 228 |
| 509019 | 150 | 2.2 | 935 | 24 | 386 | 736 |
| 509020 | 290 | 0.6 | 153 | 6 | 334 | 5610 |
| 509021 | 1.17g/t | 7.6 | 2.27% | 2 | 184 | 52 |
| 509022 | 710 | 45.95g/t | 976 | 1.41% | 7.56% | 188 |
| 509023 | 65 | 1.2 | 855 | 88 | 1940 | 18 |
| 509024 | 170 | 2.2 | 2321 | 502 | 2706 | 12 |
| 509025 | 25 | 0.4 | 85 | 10 | 86 | 18 |
| 509026 | 510 | 2.6 | 233 | 88 | 248 | 46 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | MINERA | ALS AN | D ALTERATION T | YPES | | | | | | | |
|---|---|----------------------------|---|--------------------------|---|---------------|--|--|-----------------------------|------------------------------|----------------------|
| arsenopyriteAZazuriteBbiotiteBOborniteCFe-carbonateCCchalcociteCchalcopyriteCUnative copperEgalenaGEgoethitejarositeMCmalachiteMmolybdeniteMSsericitePpyriteQZquartzS | | | | | barite calcite chlorite epidote hornfels magnetite pyrrhotite silica | | 1990 SILT <u>Sample</u> 90AD-50 | SAMPLE 7 <u>Au (ppb)</u> <5 | ANALYSES Ag(ppm) 0.6 | <u>Cu(ppm)</u> 368 | Pb (pp |
| skar | n | SP | sphalerite | | | | 90AD-51 | <5 | 0.8 | 130 | 1 |
| | | S | SYMBOLS | . : | | | 1989 SILT <u>Sample</u> | SAMPLE A | ANALYSES Ag(ppm) | <u>Cu(ppm)</u> | Pb (pp |
| X | Rock sample (| float, | outcrop) | | | • | 459220 463371 463374 | <5 <5 <5 | <0.5 <0.5 <0.5 | 460 98 353 | |
| X | Rock sample - | appro | ximate location | (float, ou | itcrop) | | 1988 GOVI <u>Sample</u> | ERNMENT RI Au(ppb) | EGIONAL SI Ag(ppm) | LT SAMPLE Cu(ppm) | ANALY Pb(pp |
| 8 | Field-sieved | stream | sediment sample | e | | | 3494 STATISTCI | 16 | 0.3 | 149 VERNMENT R | 1 EGTONA |
| H | Silt sample | | | | | | Percentil 90th | Le Au (ppb) 30 | Ag (ppn 0.3 | Cu (ppr 103 | <u>i) Pb (</u> |
| • 0 - | 1990 soil sar Results shown Pb>24 ppm, Zn | mple l for As >175 p | ine with 25 met s>26 ppm, Au>52 pm. | tre and 10 ppb, Ag>0. | 0 metre stat 9 ppm, Cu>300 | ions. ppm, | 99th | 237 | 1.0 | 272 | |
| L.C.P. | Legal Corner | Post, | Initial/Final P | ost (locate | ed, approxima | te) | 1988 FIE <u>Sample</u> TRHS5 | LD-SIEVED Au(ppb) 10 | STREAM SE Ag(ppm) 0.4 | CDIMENT SA Cu(ppm) 102 | MPLE A Pb(pp 1 |
| | Trench | | · · · · · · · · · · · · · · · · · · · | | | • | TRHS6 TRHS7 TRHS8 | 25 155 275 | 0.8 0.2 0.8 | 143 77 123 | 2 1 |
| -1 | Diamond drill | hole | | | | | | | | | |
| | | | | | | | | | | | |