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1993 ASSESSMENT REPORT
ON THE
ALLIN PROPERTY
(Allin 1, 2 & 3 Mineral Claims)

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS : 93L/1E

Latitude : 54°10.8' N
Longitude : 126°11.5' W

Owner : Gerald H. Klein
224 King Drive
Prince George, British Columbia,
V2M 4V4

Operator : Equity Silver Mines Limited
P.O. Box 1450
Houston, British Columbia
V0J 1Z0

Report By : T.J. Wall, Mine Geologist
Equity Silver Mines Limited

Date : November, 1993

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,132

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SUMMARY

The Allin claims are located 39 kilometres southeast of Houston, or 28 kilometres west-southwest of Burns Lake, within the Nechako Plateau area of central British Columbia. Allin claims are immediately adjacent to, and slightly overlap the mine claims belonging to Equity Silver Mines Limited. The western boundary of the Allin claims is approximately 4.5 kilometres east of the mined ore bodies at Equity.

Mineralized float, a weak coincident silver-copper soil anomaly, and pervasive pyrite mineralization in both the exposed bedrock, and drill core in 4 widely spaced holes, drilled by Westview Resources Ltd. in 1987, lead Equity Silver Mines Limited to option the Allin claims from Mr. Gerald H. Klein, of Prince George, British Columbia.

Pyrite mineralization is hosted within propylitic altered, dacitic to andesitic flows, thought to correlate with flows or possibly pyroclastics, within the Goosley Sequence which hosts the Equity ore bodies. These flows are intruded by andesitic dykes and a dioritic stock, thought to correlate with the Goosley Lake Intrusive - Gabbro Complex - which is in contact with Equity mineralization in the Main Zone and Waterline Zone ore bodies.

The 1993 Allin exploration program consisted of road building and 1001.3 metres of diamond drilling. Spotty anomalous gold, arsenic and rarely lead and zinc were encountered in 1993 drill holes. Stronger alteration and pyritization was found along the western edge of the Allin claims, and is seen to persist on the Equity claims in exposures in a creek bed which flows east from the Equity side, through the Allin claims, and thence to Allin creek.

This report documents expenditures by Equity Silver Mines Limited of \$114,239.71 on the 1993 exploration program on the Allin mineral claims.

INTRODUCTION

i) Location, Access, Physiography and Vegetation

The Allin mineral claims are located 39 kilometres southeast of Houston, or 28 kilometres west-southwest of Burns Lake, within the Nechako Plateau region of central British Columbia, located on the northwestern extremity of the headwaters for the Fraser River watershed (figure 1). The claims are centred at latitude 54° 10'N, longitude 126° 11'W, covered by NTS map sheet 93L/1E.

The property can be accessed via a number of roads originating from Houston, Decker Lake or Francois Lake. From Houston, the most direct route is by way of the Equity Mine Road, skirting past the west side of the Equity plantsite area and waste dumps, down into the Buck Creek drainage, then 10 kilometres south on the Buck Creek Road to the Colleymount Road at kilometre 44.5, then east to kilometre 39 at the Allin creek crossing. From here, one travels approximately 5 kilometres north to the centre of the property. The Colleymount Road can also be accessed from the Morice River Road or the Buck Flats Road originating in Houston, the Maxan Road originating at Decker Lake on highway 16, or from Colleymount on Francois Lake.

The area is characterized by moderate relief, with elevations ranging from 1490m to 1160m. The claims cover the upper reaches of the Allin Creek drainage which flows south to Francois Lake. The western half of the claims cover the east flank of an epirogenically uplifted domal structure with a Goosley Lake Gabbro-Monzonite intrusive at its core. Glaciation has resulted in deposition of a variously thick mantle of till, with no clear ice movement direction ascertainable.

The southern half of the claim has clear cut logging, and active logging is currently taking place. Higher elevations are typically poorly drained and dominated by Balsam Fir and Spruce. Lower, and well drained ground on the property is dominated by Lodgepole Pine. Allin Creek cuts the claim block in two from northwest to southeast, and swampy ground is found along the creek, particularly on the northern end of the drainage basin, on the Allin 1 claim.

ii) Claim Ownership and Status

Three 20 unit 4-Post mineral claims make up the Allin property (figure 2). The claims are located within the Omineca Mining District, and are wholly owned by Mr. Gerald H. Klein of 224 King Drive, Prince George, British Columbia. In September, 1993, Equity Silver Mines Limited entered into an Option Agreement with Mr. Klein to explore for mineral potential on the Allin Claims.

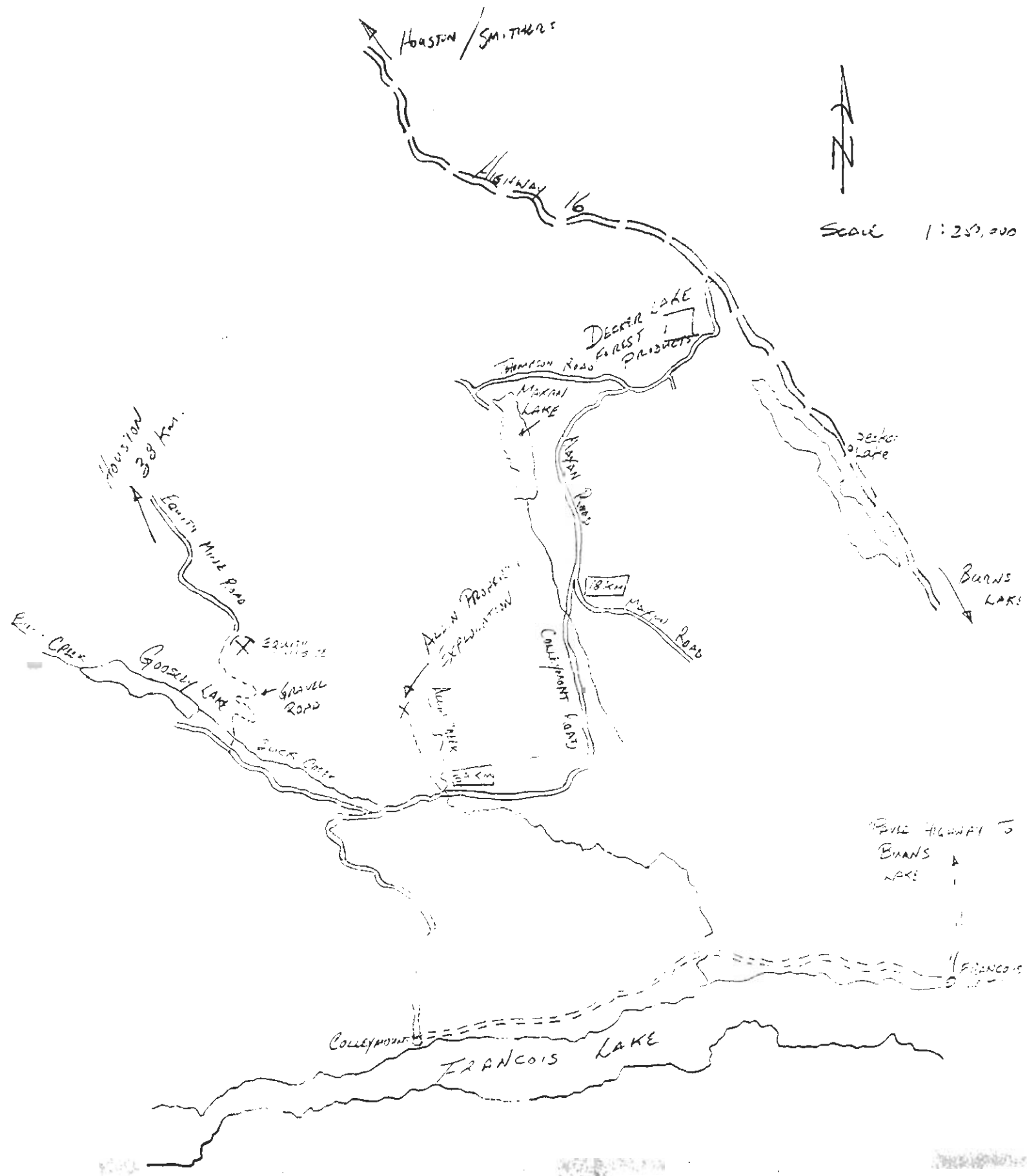


Figure 1
 LOCATION MAP - ALLIN PROPERTY
 SCALE 1:250,000

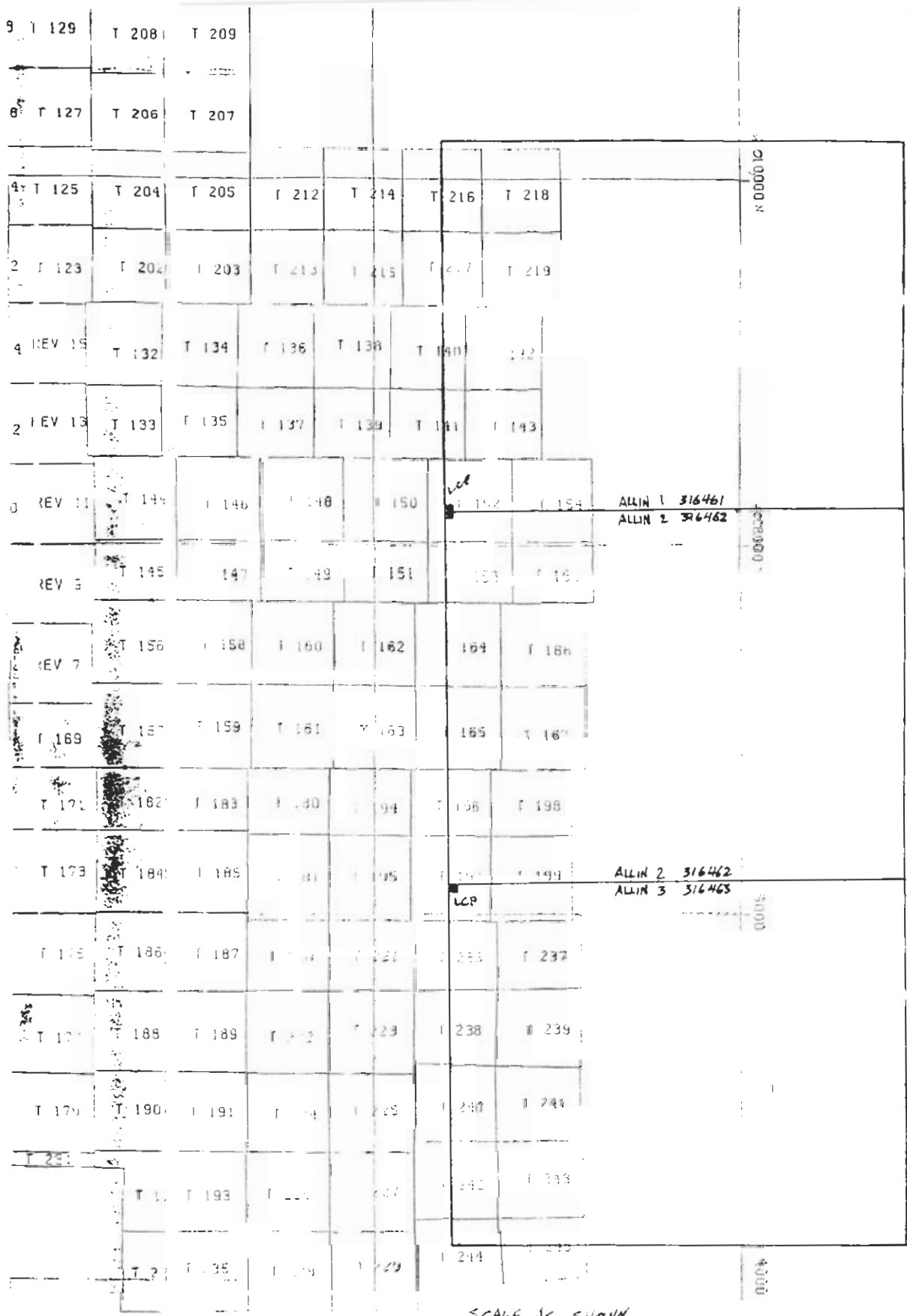


FIGURE 2. CLAIM MAP -
ALLIN PROPERTY

The claims and pertinent information concerning the Allin property are listed in Table 1.

Table 1. Allin Property Claim Information.

<u>Claim Name</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date*</u>
Allin 1	20	316461	March 8, 1999
Allin 2	20	316462	March 8, 1999
Allin 3	20	316463	March 8, 1999

* Pending acceptance of this report.

iii) Property History

In 1964 Summit Oil Ltd. staked ground covering the southern half of the Allin property. Delbrook Mines Ltd. farmed into the property in 1970, and soil sampling and magnetic surveys were conducted by both companies. Several weak silver-copper soil anomalies were found, however this was never followed up on and the claims were allowed to lapse (Garagan, 1988).

The area covered by the north half of the Allin claims was then staked by Silver Standard Mines and Dorita Silver Mines in a 1968 joint venture, following the discovery by Kennco Exploration of the Equity silver-gold-copper deposit in 1967. Silver Standard- and Dorita-led exploration on the property consisted of line cutting, soil geochemistry, an IP-Resistivity survey, and several short diamond drill holes. Several low-order copper-silver anomalies were found in the soil analysis, and several more metal factor IP anomalies were interpreted. The results of the diamond drilling were never published.

The area was subsequently staked by Kengold Mines Ltd. in 1986, as the DEV and GO claims. The property was optioned to Normine Resources Ltd., who farmed it out to Westview Resources Ltd.. Westview Resources established a grid and conducted soil, IP and magnetometer surveys in 1986, then followed up this exploration work with a short diamond drilling program in 1987.

Westview Resources outlined a weak coincident silver-copper soil anomaly, some 2.7 kilometres long by 600 metres wide, and 2 spatially associated IP anomalies. Drilling was inconclusive, intersecting moderate to strongly altered (Quartz-sericite-pyrite and chlorite-calcite-pyrite) volcanic flows and tuffs with up to 15% (average 5-7%) disseminated and fracture controlled pyrite and pyrrhotite, with minor to trace sphalerite, chalcopyrite, arsenopyrite, galena, molybdenite and tetrahedrite (Garagan, 1988).

In the fall of 1992, Mr. Gerald Klein, of Prince George, staked 8 2-Post claims called the Capital. The Allin claims were staked over

the Capital claims by Equity Silver Mines Limited on behalf of Mr. Klein, and the property was subsequently optioned to Equity.

iv) Purpose

The drilling program conducted by Westview Resources did not explain the silver-copper anomaly in soil, and did not adequately test the property for hosting narrow tabular-shaped ore bodies, such as those found on the Equity claims. Prospecting by Mr. Klein turned up several small pieces of massive sulphide-type mineralization scattered over the disturbance created by clear-cut logging and the Westview, 1987 drilling program.

The purpose of the Equity sponsored program, was to attempt to explain the soil and geophysical anomalies present with further drilling, and to test the hypothesis that the Equity ore body may have been folded around the Gabbro-Monzonite, Goosley Lake Intrusive, which is in contact with the east side of parts of the Equity mineralization.

REGIONAL GEOLOGY

The Allin property is situated within the Intermontane Belt, on the Nechako Plateau in central British Columbia. The area is largely covered by Tertiary (Miocene-Eocene) basaltic breccias (Nose Creek Breccias) and andesitic to dacitic flows and breccias (Buck Creek Volcanics). These rocks unconformably overlay Lower Jurassic to Cretaceous volcanics and sediments. A rare window of Cretaceous rocks is exposed in the area of the Equity mine claim block. Lower Jurassic and Cretaceous rocks are intruded by Eocene, Goosley Lake and Nanika intrusions. More detailed descriptions of the Regional geology are described by Cyr et al (1984), Church (1984) and Carter (1981).

The region has been extensively glaciated, and is mantled by a blanket of till of varying thickness. The best exposures in the area are presented by the cliff-forming Nose Creek Breccias and Buck Creek Volcanics.

PROPERTY GEOLOGY

Very poor exposure exists on the Allin property. A tributary to Allin creek which flows east along the boundary between the Allin 1 and 2 claims has several outcroppings of altered volcanics and unaltered intrusive rocks, and the only other exposed bedrock was uncovered in the sump excavated for the 1987 drill program near hole 87-4, and in the ditch north of this same sump for 30 to 40 metres, exposed in the 1993 program. Exposure in the sump and ditch consists of propylitic altered, dacitic to andesitic flows, with

abundant disseminated and fracture controlled pyrite +/- pyrrhotite mineralization. Assaying these rocks did not give any anomalous metal values.

A variously thick mantle of till covers the remainder of the property. Till depths vary between 1 to 2 metres near the 1987 sump, to almost 60 metres in a glaciated scour encountered in hole AL93-07. In general the till depth in the area of the 1987 and 1993 drilling does not exceed 10 metres, however another scoured channel in the vicinity of holes AL93-05 and 06 had till thicknesses of 30 to 40 metres. Drillhole locations and outcroppings are shown in figure 3 (pocket).

1987 drillholes were reported to have intersected Cretaceous interlayered altered andesite, dacite and latite flows, tuffs and lapilli tuffs, crosscut by narrow unaltered andesite and dacite dykes (Garagan, 1988). 1993 drillholes intersected similar volcanics in holes 1, 2 and 7. A dioritic intrusive, that had several different textures, ranging from a crowded feldspar (+hornblende?) porphyry to microcrystalline, was encountered in holes 3 through 6, (located slightly west and north of the strongest area of the anomalous soils), and in the bottom third of hole 7. Both the volcanics and the diorite are in turn intruded by unaltered andesitic dykes. Complete descriptive lithology logs are included in Appendix I.

The diorite is believed to be temporally related to the Goosley Lake Intrusive which flanks the east side of the Equity deposit. Abundant finely disseminated magnetite with a strong magnetic response, and weak propylitic alteration characterize the diorite. The volcanic flows and minor tuffs are thought to correlate with either the Pyroclastic Division or the Volcanic Flow Division within the Goosley Sequence, as described in Cyr et al (1984).

Mapping the exposures in the creek and in the area of the sump reveals the volcanics strike at $\sim 120^\circ$ and are vertical in the area of the sump and dip steeply to the northeast in the creek exposures. The rocks show only minor fracturing, and no obvious faulting.

Pyrite +/- pyrrhotite mineralization is pervasive throughout the volcanics, in places constituting up to 15% of the rock. Check assays over intervals with excessive pyrite mineralization typically did not reveal any anomalous base or precious metal values, however there are occasional intervals with anomalous gold, arsenic and in one interval, lead and zinc. Appendix II contains the results of all assayed intervals.

DIAMOND DRILLING

The Allin property was tested for base and precious metal mineralization with 7 diamond drill holes, totalling 1001.3 metres, in an area 300 metres wide by 600 metres long, within a weak geochemical soil anomaly. Figure 3 (pocket) shows the location of the drill holes and the soil anomaly. All 1993 drillholes were located and tied-in using the grid established by Westview Resources in 1986. Approximately 1335 metres of exploration roads were constructed to access the 1993 planned and actual drill sites. The access roads were extended from roads built by Westview during their 1987 drilling program.

44 cored intervals of various length were split and assayed for copper, silver, gold, antimony, arsenic, iron, lead and zinc at the Equity laboratory. A description of the sample preparation technique and the analytical procedure used at the Equity lab is provided in Appendix III.

RECLAMATION

Access roads and drill pads were cleared of trees prior to road construction to minimize damage to surrounding trees, and to facilitate more cost effective reclamation. All merchantable timber will be salvaged after the ground is thoroughly frozen. Salvaging the trees is marginally better than a break-even operation for this project. Any undersized or dead trees were either limbed, lopped and scattered in the underbrush, or utilized in the road construction.

Roads and drill pads were recontoured and seeded, and erosion control was installed where required, including the majority of the disturbance created by Westview Resources in 1987. Seed mix was 25% Creeping Red Fescue, 10% Brome Grass, 8.5% Canada Bluegrass, 1.5% Meadow Foxtail, 10% Climax Timothy, 5% Red Top, 30% Alsike and 10% White Clover.

RESULTS AND DISCUSSION

Several intervals assayed in holes 93AL-01 and 02 returned anomalous gold values, approximately 5 to 10 times background levels. The highest gold value returned was from a 1.53 metre interval in hole 93AL-02, assaying 0.66 grams/tonne. In addition there were several intervals from the bottom half of hole 93AL-02 that were anomalous in arsenic. One interval in hole 93AL-07 at 136.71 to 137.80 metres had strong carbonate alteration with finely disseminated galena and sphalerite and graded 0.22% Pb, 0.30% Zn.

Only a trace of copper and no appreciable silver was found in

assayed intervals. The weak soil geochemical anomaly was therefore not explained by this drill program. It is obvious that if real, the soil anomaly is transported either downslope from the Equity claims, or perhaps down-ice from some yet unknown direction.

The abundance of pyrite, and the spotty nature of gold, arsenic, lead and zinc in the drillholes, drilled along the western boundary of the claims, together with the intense alteration leaves some room for optimism for this area hosting a mineral deposit. Some method other than the conventional IP-Resistivity, VLF and Magnetometer geophysical surveys would have to be employed to outline potential areas for drilling, as these techniques are not good indicators in this particular geology. High magnetic signatures however, should outline the extent of the dioritic stock. Intensive soil sampling should probably be conducted on the Equity claims immediately to the west, as drilling indicates that Cretaceous rocks, which likely correlate with the Goosley Sequence, (which host the Equity ore bodies) indeed subcrop in this area.

CONCLUSIONS

The coincident copper-silver soil anomaly outlined by previous exploration programs can not be explained by results obtained in the 1993 drill program. Neither can the presence of the high grade massive sulfide mineralization discovered in float. Both the float and the soil anomaly, must be transported, probably from the west. Measured optimism for this area to host economic mineralization is understandable, as the area has favourable geology, and was subject to intense hydrothermal alteration and sulfide (pyrite +/- pyrrhotite) mineralization. Spotty gold, arsenic and base metal anomalies obtained in the drill core are also cause for measured optimism. The Equity ground immediately to the west is still very much underexplored.

CORE STORED AT EQUITY

COST STATEMENT

ALLIN PROPERTY 1993 EXPLORATION EXPENDITURES

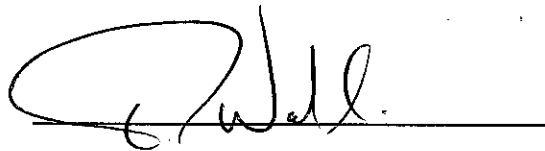
ITEM	UNITS	RATE	PST	GST	COST	TOTAL COST
1. Road Building						
Falling	6	\$250.00		\$105.00	\$1,500.00	\$1,605.00
Skidding	137	\$65.00		\$623.35	\$8,905.00	\$9,528.35
Excavator 1	19	\$86.00		\$114.38	\$1,634.00	\$1,748.38
Excavator 2	191.5	\$103.25		\$1,384.07	\$19,772.38	\$21,156.44
Low Bed	12	\$75.00		\$63.00	\$900.00	\$963.00
Culvert	8	\$138.90	\$77.78	\$77.78	\$1,111.20	\$1,266.77
SUB TOTAL					\$33,822.58	\$36,267.94
2. Drilling						
Footage	3285	\$16.84		\$3,872.95	\$55,327.90	\$59,200.85
Dozer	37.5	\$75.00		\$196.88	\$2,812.50	\$3,009.38
Man hours	9	\$24.00		\$15.12	\$216.00	\$231.12
SUB TOTAL					\$58,356.40	\$62,441.35
3. Supervision/Geology/Report						
T. Wall	44.5	\$250.00			\$11,125.00	\$11,125.00
SUB TOTAL					\$11,125.00	\$11,125.00
4. Office						
Research	1	\$74.35	\$5.20	\$5.20	\$74.35	\$84.76
Phone	1	\$200.00		\$14.00	\$200.00	\$214.00
Misc.	1	\$28.64		\$2.00	\$28.64	\$30.64
SUB TOTAL					\$302.99	\$329.40
5. Analytical						
Rock/Core	50	\$25.00			\$1,250.00	\$1,250.00
SUB TOTAL					\$1,250.00	\$1,250.00
6. Claim Staking						
Staking	1	\$4,200.00		\$294.00	\$4,200.00	\$4,494.00
Recording Fees	1	\$600.00			\$600.00	\$600.00
Helicopter	1	\$652.60		\$45.68	\$652.60	\$698.28
SUB TOTAL					\$5,452.60	\$5,792.28
7. Truck Rental						
Rental	1	\$2,400.00		\$168.00	\$2,400.00	\$2,568.00
Kilometrage	2834	\$0.15			\$425.10	\$425.10
Fuel	1	\$1,022.06		\$71.50	\$1,022.06	\$1,093.56
SUB TOTAL					\$3,847.16	\$4,086.66
TOTALS			\$82.99	\$7,052.92	\$114,156.72	\$121,292.63
TOTAL LESS G.S.T.						\$114,239.71

AUTHOR'S QUALIFICATIONS

I, Trevor J. Wall do hereby certify that:

1. I am a geologist residing near Houston, British Columbia.
2. I am a graduate of the University of Calgary, in Alberta, obtaining my BSc in Geology in 1983.
3. I have been a practising geologist continuously since 1983 in Alberta and British Columbia.
4. I was employed with Equity Silver Mines Limited on a full-time, contract basis from April 14, 1991 to December 13, 1991, and from April 1, 1992 to November 26, 1993. During my employment with Equity I have conducted and supervised numerous exploration programs, and was responsible for all aspects of mine geology at Equity's underground operation.
5. The information in this report is based on exploration work conducted in the area in the past, and on the results of an exploration program on the Allin property, carried out under my personal supervision between September 8, 1993 and November 4, 1993.
6. I have no interest in the property, either direct or indirect, nor do I expect to receive any such interest.

Respectfully submitted,
EQUITY SILVER MINES LIMITED



Trevor J. Wall, BSc
Mine/Exploration Geologist

REFERENCES

- Carter, N.C.; 1981: Porphyry Copper and Molybdenum Deposits, West Central British Columbia. B.C. Ministry of Energy Mines and Petroleum Resources; Bulletin 64.
- Church, B.N.; 1985: Update on the Geology and Mineralization in the Buck Creek Area, The Equity Silver Mine Revisited (931/1W). B.C. Ministry of Energy Mines and Petroleum Resources, Geological Fieldwork 1984; Paper 1985-1; pp 175-188.
- Cyr, J.B., Pease, R.B. and Schroeter, T.G.; 1984: Geology and Mineralization at Equity Silver Mine. Economic Geology; Vol 79; pp 947-968.
- Garagan, T.; 1988: Report on the 1987 Exploration Activities on the DEV Project, Goosly Lake Area, B.C.: Aurum Geological Consultants Inc.; Assessment Report No. 17680.

APPENDIX I

DESCRIPTIVE LITHOLOGY LOGS

HOLE 93AL-01

HOLE 93AL-01 - HEADER INFORMATION

HOLE ID : 93AL-01
 CORE SIZE : NQ
 AZIMUTH : 001°
 INCLINATION : 0.0m: -47°; 121.92m: -45.5°
 GRID LOCATION : 22+93N, 10+70W
 ELEVATION : 1354.4m ASL TOTAL DEPTH: 121.92m
 BEDROCK DEPTH : 9.14m
 LOGGED BY : T.J. Wall DATE : October, 1993

LITHOLOGY LOG

FROM	TO	ROCK TYPE	DESCRIPTIVE REMARKS
0.00	9.14	Over-burden	Clay Boulder Till and Regolith; Triconed - no recovery.
9.14	30.77	Ash Flow	Dacitic to Andesitic Composition; medium green; intense propylitic alteration (chlorite + pyrite + calcite); predominantly mottled chaotic flow fabric; locally porphyritic with feldspar crystals to 10mm in random orientation; occasional intercalated fine grained ash tuff; weak fracture intensity; calcite fills fractures and veinlets; minor hematite staining on broken surfaces; abundant disseminated euhedral pyrite and minor anhedral pyrrhotite throughout (typically 4-5% - locally up to 10%); weakly magnetic. -13.7m: Pyrite + calcite veinlet @ 47° to CA -19.5m: Flow Banding @ 47°
30.77	32.07	Andesite Dyke	Medium to dark green; porphyritic, weak trachytic texture; small (<=3mm) feldspar laths in an aphanitic matrix, weakly magnetic; minor finely disseminated microcrystalline pyrite throughout. -upper contact @ 49°; lower contact @ 52°.
32.07	39.32	Ash Flow	As above; no clearly distinguishable rock fabrics or stratigraphy; iron staining on broken surfaces. -37.2m: Flow banding @ 54°
39.32	70.65	Ash Flow	Dacitic to andesitic composition; mottled green and light grey; grey patches have silicic alteration; occasional calcite-filled fractures and veinlets; abundant disseminated euhedral microcrystalline pyrite (typically ~5%); minor disseminated pyrrhotite; weakly magnetic; minor iron staining on broken surfaces to 41.5m; pervasive chloritic alteration. -41.7m: Flow banding @ 54° -59.4m: Flow banding @ 45° -68.6m: Flow banding @ 37°
70.65	80.30	Flow Breccia	Dacitic to andesitic composition; mottled dark to light green and light grey; subangular breccia clasts generally less than 30 x 30 mm, with finer grained clasts and ash matrix; locally subhedral to euhedral intercalated feldspar crystal tuff/flow; intense propylitic alteration with

70.65	80.30	Cont.	<p>patchy grey silica replacement throughout; average 2-3% disseminated pyrite+/- pyrrhotite throughout; weakly magnetic. -73.5-73.7m; Possible fault; intense fracture; calcite fills fractures; upper contact @ 37°, lower contact @ 42°.</p>
80.30	106.68	Ash Flow	<p>Dacitic to andesitic composition; mottled pale to dark green; intense propylitic alteration; locally patchy light grey silica replacement; 2-5% disseminated microcrystalline euhedral pyrite and minor anhedral pyrrhotite; calcite-filled vesicles throughout. -84.1m: Flow banding @ 58° -87.5-87.6m: Thin trachyandesite flow @ 47°.</p>
106.68	121.92	Ash Flow	<p>Dacitic to andesitic composition; mottled pale to dark green; propylitic alteration with silica veining and flooding; orange-pink feldspar(?) alteration along silica veinlets; 3-7% disseminated microcrystalline euhedral pyrite throughout; trace pyrrhotite; small patchy K-spar alteration throughout. -110.73-110.77m: Calcite + minor pyrite vein @ 61° -113.5m: K-feldspar veinlet @ 24° -Weakly developed flow banding @ 48°</p>

END OF HOLE

HOLE 93AL-02

HOLE 93AL-02 - HEADER INFORMATION

HOLE ID : 93AL-02
 CORE SIZE : NQ
 AZIMUTH : 002°
 INCLINATION : 0.0m: -45°.0; 121.92m: -42.0°
 GRID LOCATION : 22+96N, 9+47W
 ELEVATION : 1334.2m ASL
 TOTAL DEPTH : 121.92m
 BEDROCK DEPTH : 16.76m
 LOGGED BY : T.J. Wall DATE : October, 1993

LITHOLOGY LOG

<u>FROM</u>	<u>TO</u>	<u>ROCK TYPE</u>	<u>DESCRIPTIVE REMARKS</u>
0.00	6.71	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
6.71	16.76	Regolith	Predominantly ash tuff, lesser ash flow; intensely broken; minor iron oxide staining on broken surfaces; typically 3-5% disseminated pyrite + pyrrhotite; weak to moderate magnetism.
16.76	23.68	Lapilli Tuff	Light to medium grey with patchy pale green chlorite + carbonate alteration throughout; ~ 5% finely disseminated microcrystalline pyrite + pyrrhotite; moderately magnetic; intense propylitic alteration (pyrite + chlorite + calcite); minor iron oxide staining on broken surfaces.
23.68	29.26	Ash Tuff	Light grey; very fine to fine grained; weak propylitic alteration (calcite + chlorite), trace finely disseminated microcrystalline pyrite; calcite fills weak fracture intensity; minor iron oxide staining on broken surfaces and along fractures. -25.9m: bedding @ 38°
29.26	35.97	Ash Flow	Mottled medium to dark grey with pale green-grey and medium green intense propylitic alteration; abundant disseminated and patchy pyrite and minor pyrrhotite throughout; locally weakly to moderately magnetic.
35.97	37.50	Trachy-andesite Dyke	Dark green; porphyritic, small crowded bladed plagioclase crystals give strong trachytic texture @ 59° to CA; upper and lower contacts broken; minor disseminated microcrystalline pyrite; weakly magnetic.
37.50	39.62	Ash Flow	As above.
39.62	40.46	Trachy-andesite Dyke	As above.
40.46	51.51	Ash Flow	Mottled pale to dark greyish-green; intense propylitic alteration; original textures/fabrics largely obscured; Abundant patchy and vein pyrite

40.46	51.51	Cont.	+ minor pyrrhotite throughout; locally very weakly magnetic.
51.51	56.66	Trachy-andesite Flow	Dark green; plagioclase laths to 7mm give moderate trachytic texture; mafic phenocrysts show intense chloritic alteration; 2-3% disseminated pyrite +/- pyrrhotite; minor iron oxide staining on broken surfaces; locally flow brecciated. -Upper contact @ 47; lower contact broken.
56.66	104.93	Ash Flow	As above (40.46-51.51m); several thin (8-40cm) layers of trachyandesite flows as above; typically 3-5% disseminated pyrite +/- pyrrhotite; locally weakly magnetic; intense propylitic alteration (chlorite + carbonate + pyrite). -60.9m: Upper contact - Trachyandesite Flow @ 61° -67.0m: Flow banding @ 58° -67.06-74.45m: Increasingly intense propylitic alteration; 5-8% pyrite disseminated and in small clots throughout. -80.77-104.93m: Intense propylitic alteration; typically 5-7% pyrite + minor to trace pyrrhotite disseminated throughout and in small clots and veins; rare trachyandesite flows; locally vuggy with grey silica alteration. -92.40-92.65m: Fault Zone @ 24°.
104.93	109.90	Andesite Dyke	Dark green; microporphyritic; abundant calcite-filled amygdules throughout particularly adjacent to upper and lower contacts; abundant disseminated magnetite; strongly magnetic; occasional narrow (<2mm) calcite-filled fracture; trace finely disseminated pyrite. -Upper contact @ 30°; lower contact ~40° (irregular).
109.90	114.16	Ash Flow	Predominantly pale greyish-green; locally light to medium grey; and intensely silicified; intense propylitic alteration; abundant (7-10%) pyrite in veins, disseminated and in small clots throughout.
114.16	117.38	Andesite Dyke	As above
117.38	121.92	Ash Flow	As above

END OF HOLE

HOLE 93AL-03

HOLE 93AL-03 - HEADER INFORMATION

HOLE ID : 93AL-03
 CORE SIZE : NQ
 AZIMUTH : 000°
 INCLINATION : 0.0m: -43.0° ; 121.92m: -41.0°
 GRID LOCATION : 22+96N, 8+00W
 ELEVATION : 1308.6m ASL
 TOTAL DEPTH : 121.92m
 BEDROCK DEPTH : 12.80m
 LOGGED BY : T.J. Wall DATE : October, 1993

LITHOLOGY LOG

<u>FROM</u>	<u>TO</u>	<u>ROCK TYPE</u>	<u>DESCRIPTIVE REMARKS</u>
0.00	12.80	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
12.80	37.79	Trachy-andesite	medium to dark green; White or black feldspar megacrysts to 30mm in a microcrystalline to aphanitic matrix; moderate trachytic texture; minor (2-3%) disseminated pyrite; occasional pyrite-filled fracture; abundant disseminated magnetite; strongly magnetic. -15.5m: pyrite-filled fracture @ 47° -17.1m: pyrite-filled fracture @ 39° -24.1m: pyrite-filled fracture @ 45° -37.7m-37.8m; Fault zone; calcite fills intense fracture lower contact @ 47°.
37.79	66.53	Feldspar Hornblende Porphyry	Dark greyish-green; porphyritic; feldspar + dark mafic mineral phenocrysts in an aphanitic matrix; trace disseminated pyrite; moderate to strong magnetism; occasional calcite + pyrite-filled fracture.
66.53	67.97	Andesite Dyke	Dark green; microporphyritic; abundant calcite-filled amygdules throughout (generally <1mm in diameter); strongly magnetic.
67.97	91.94	Feldspar Hornblende Porphyry	As above; locally with moderate microfracture intensity and weak propylitic alteration. -91.4m: Calcite veinlet @ 33°
91.94	95.97	Andesite Dyke	As above -Upper contact @ 56°; lower contact @ 32°
95.97	121.92	Feldspar Hornblende Porphyry	As above; calcite-filled fractures and veinlets common throughout.

END OF HOLE - NO SAMPLING

HOLE 93AL-04

HOLE 93AL-04 - HEADER INFORMATION

HOLE ID : 93AL-04
 CORE SIZE : NQ
 AZIMUTH : 356.5°
 INCLINATION : 0.0m: -43.0° ; 121.92m: -40.0°
 GRID LOCATION : 22+00N, 7+90W
 ELEVATION : 1308.5m ASL
 TOTAL DEPTH : 121.92m
 BEDROCK DEPTH : 12.19m
 LOGGED BY : T.J. Wall DATE : November, 1993

LITHOLOGY LOG

FROM	TO	ROCK TYPE	DESCRIPTIVE REMARKS
0.00	12.19	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
12.19	59.74	Feldspar Hornblende Porphyry	Light to medium greenish-grey and dark grey green; subhedral to euhedral feldspar phenocrysts and anhedral mafic phenocrysts with chloritic alteration in an aphanitic matrix; weak to moderate propylitic alteration; abundant disseminated magnetite; minor disseminated pyrite; Pyrite +/- pyrrhotite also occurs filling fractures and in small irregular clots; strongly magnetic; weak fracture intensity.
59.74	60.96	Andesite Dyke	Dark greyish-green; microcrystalline; abundant small (typically < 2.5mm) calcite-filled amygdules throughout; 10-12 calcite-filled fractures per metre; strongly magnetic.
60.96	97.33	Feldspar Hornblende Porphyry	As above
97.33	111.25	Crowded Dioritic Feldspar Porphyry	Medium green-grey; crowded feldspar phenocrysts (generally < 5mm) and smaller anhedral mafics in a microcrystalline or aphanitic matrix; 3-5% pyrite disseminated throughout and in small clots; abundant disseminated magnetite; moderately to strongly magnetic; weak propylitic alteration.
111.25	121.92	Micro- crystalline Diorite	Dark greenish-grey; microporphyrific; weak fracture intensity; calcite fills fractures; minor (1-2%) finely disseminated microcrystalline pyrite; finely disseminated magnetite throughout; moderate to strong magnetism; weak propylitic alteration.

END OF HOLE - NO SAMPLING

HOLE 93AL-05

HOLE 93AL-05 - HEADER INFORMATION

HOLE ID : 93AL-05
 CORE SIZE : NQ
 AZIMUTH : 359.5°
 INCLINATION : 0.0m: -43.0° ; 121.92m: -40.5°
 GRID LOCATION : 20+95N, 7+97W
 ELEVATION : 1311.3m ASL
 TOTAL DEPTH : 121.92m
 BEDROCK DEPTH : 35.97m
 LOGGED BY : T.J. Wall DATE : November, 1993

LITHOLOGY LOG

FROM	TO	ROCK TYPE	DESCRIPTIVE REMARKS
0.00	18.29	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
18.29	35.97	Regolith	Predominantly feldspar porphyry of dioritic composition with lesser andesitic dyke material; minor gravel and silty clay recovered; 25% recovery overall; iron oxide typically coats broken rock; minor disseminated pyrite; no visible economic sulfides.
35.97	44.87	Crowded Dioritic Feldspar Porphyry	Medium to dark greyish-green; crowded subhedral to euhedral feldspar phenocrysts (generally <5mm) and chloritic-altered anhedral mafics in an aphanitic matrix; weak fracture intensity; calcite fills fractures; minor disseminated microcrystalline pyrite; finely disseminated magnetite; moderately magnetic.
44.87	49.39	Andesite Dyke	Dark green to black; microporphyritic; abundant calcite-filled amygdules adjacent to upper and lower contacts and sparsely scattered throughout; 4-5 calcite-filled microfractures per metre; small trace (<1%) disseminated microcrystalline pyrite; abundant disseminated magnetite; strongly magnetic. -Upper contact @ 78°; lower contact @ 47°.
49.39	84.08	Crowded Dioritic Feldspar Porphyry	As above
84.08	90.68	Micro-crystalline Diorite	Dark greyish-green; microporphyritic; weak fracture intensity (5-6/metre), calcite fills fractures; minor disseminated pyrite (1-3%); occasional pyrite-filled microfractures; moderately magnetic.
90.68	99.96	Crowded Dioritic Feldspar Porphyry	Pale to medium greyish-green; crowded subhedral to euhedral feldspar phenocrysts (generally <5mm in diameter) in an aphanitic matrix; 2-4% disseminated microcrystalline pyrite; occasional pyrite veinlet; minor disseminated magnetite; weakly magnetic; weak to moderate propylitic alteration.

99.96	103.36	Micro-crystalline Diorite	As above -Upper contact @41°; lower contact @ 39°.
103.36	109.73	Crowded Dioritic Feldspar Porphyry	As above
109.73	114.76	Ash Flow?	Mottled pale greenish-grey to dark greyish-green; locally fragmental; 3-5% clots and disseminations of pyrite throughout; moderate fracture intensity; non-magnetic; possibly an inclusion?
114.76	121.92	Micro-crystalline Diorite	As above

END OF HOLE - NO SAMPLING

HOLE 93AL-06

HOLE 93AL-06 - HEADER INFORMATION

HOLE ID : '93AL-06
 CORE SIZE : NQ
 AZIMUTH : 001.0°
 INCLINATION : 0.0m: -43.0° ; 109.73m: -40.5°
 GRID LOCATION : 20+08.5N, 7+99W
 ELEVATION : 1305.0m ASL
 TOTAL DEPTH : 109.73m
 BEDROCK DEPTH : 42.67m
 LOGGED BY : T.J. Wall DATE : November, 1993

LITHOLOGY LOG

<u>FROM</u>	<u>TO</u>	<u>ROCK TYPE</u>	<u>DESCRIPTIVE REMARKS</u>
0.00	18.29	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
18.29	42.67	Overburden	Boulder till and regolith; ~28% recovery.
42.67	55.06	Feldspar Porphyry	Pale green; intensely weathered; extensive hematite staining; extensively pitted; minor disseminated pyrite (2-3%); non-magnetic; large (to 10mm) feldspar laths in an aphanitic matrix; clay alteration of feldspar throughout.
55.06	62.79	Micro- crystalline Diorite	Dark greyish-green; microporphyrific; abundant hydrothermal (?) biotite disseminated throughout; minor disseminated pyrite + pyrrhotite; finely disseminated magnetite throughout; strongly magnetic; weak fracture intensity; iron oxide staining prominent on broken surfaces.
62.79	67.06	Crowded Dioritic Feldspar Porphyry	Crowded feldspar phenocrysts in an aphanitic to microcrystalline matrix; clay alteration throughout; minor iron oxide staining; weak to moderate fracture intensity; pyrite fills fractures; minor disseminated pyrite (2-3%).
67.06	101.50	Dioritic Feldspar Hornblende Porphyry	Dark green; porphyritic; euhedral to subhedral feldspar and anhedral altered hornblende(?) in an aphanitic groundmass; abundant disseminated magnetite; strongly magnetic; minor disseminated pyrite (1-2%); locally grading to microcrystalline diorite.
101.50	109.73	Micro- crystalline Diorite	As above.

END OF HOLE - NO SAMPLING

HOLE 93AL-07

HOLE 93AL-07 - HEADER INFORMATION

HOLE ID : 93AL-07
 CORE SIZE : NQ
 AZIMUTH : 355.0°
 INCLINATION : 0.0m: -47.0° ; 281.94m: -42.0°
 GRID LOCATION : 23+86N, 9+15W
 ELEVATION : 1323.9m ASL
 TOTAL DEPTH : 281.94m
 BEDROCK DEPTH : 96.93m
 LOGGED BY : T.J. Wall DATE : November, 1993

LITHOLOGY LOG

<u>FROM</u>	<u>TO</u>	<u>ROCK TYPE</u>	<u>DESCRIPTIVE REMARKS</u>
0.00	96.93	Overburden	Clay Boulder Till and Regolith; Triconed - no recovery.
96.93	151.54	Ash Flow	Mottled pale to dark green with lesser mauvy-grey patches; strong propylitic alteration (chlorite + carbonate + pyrite); weak fracture intensity; abundant disseminated pyrite (3-7%); non-magnetic. -113.4m: possible bedding @ 38° -136.7-137.8m: Strong carbonate alteration; 2-3% disseminated galena; minor disseminated sphalerite.
151.54	153.90	Andesite Dyke	Dark greyish-green; microporphyritic; abundant carbonate-filled amygdules/vesicles throughout; may be carbonate replacement in part; abundant disseminated magnetite; strongly magnetic; trace microcrystalline pyrite.
153.90	163.00	Ash Flow	Mottled pale greyish-green and light to medium grey; strong silicification; patchy carbonate + chlorite alteration; minor disseminated microcrystalline euhedral pyrite (<2%); predominantly very hard.
163.00	188.83	Ash Flow	Patchy light to medium grey and medium to dark greyish green becoming dark green @ ~174.0m; 7-10% pyrite in small clots and patches from 174.0-183.2m; occasional narrow andesite dyke. -167.64-167.67m: Andesite dyke; upper contact @ 61°; lower contact @ 62°. -173.42-173.74m: Andesite dyke; Upper and lower contacts broken. -183.97-184.57m: Medium to dark grey with patchy white quartz; intense silica alteration; 5-6% disseminated crystalline pyrite; upper contact @ 83°; lower contact @ 67°.
163.0	188.83	Ash Flow	Continued. -187.45-187.75m: As above (183.97-184.57m); upper contact @ 73°; lower contact @ 70°; occasional drussy quartz-filled fracture.

188.83	223.68	Crystal Tuff	Medium to dark green; porphyritic; subhedral to euhedral feldspar crystals in an aphanitic groundmass; locally with weak to moderate trachytic texture; 3-5% pyrite disseminated in small clots throughout; subequal amounts of intercalated ash and breccia flow; locally very weakly magnetic; weak propylitic alteration. -208.7m: Flow banding @ 64°.
223.68	247.04	Dioritic Feldspar Hornblende Porphyry	Dark green; euhedral to subhedral feldspar and chloritized anhedral hornblende(?) in an aphanitic matrix; abundant disseminated magnetite; moderate to strong magnetism; minor (<2%) disseminated pyrite; 3-5 quartz- (+/- pyrite) filled fractures per metre; quartz veinlets commonly ~ 50° to CA; rare pyrite-filled fracture.
247.04	254.01	Andesite Dyke	Dark green; microporphyritic; abundant disseminated magnetite; strongly magnetic; 3-5 calcite-filled fractures per metre; upper contact lined with quartz crystals to 5mm. -Upper contact @ 52°; lower contact @ 50°.
254.01	281.94	Dioritic Feldspar Hornblende Porphyry	As above.

END OF HOLE

APPENDIX II

ASSAY LOGS

ASSAY LOG - 93AL-01

FROM	TO	SAMPLE #	%CU	G/TAG	G/TAU	%SB	%AS	%FE	%PB	%ZN
0.00	16.76	N/S								
16.76	18.29	47011	Tr	2	0.03	Tr	0.01	7.7	0.02	0.02
18.29	34.44	N/S								
34.44	35.97	47012	Tr	3	0.12	Tr	0.01	6.8	0.01	0.03
35.97	56.39	N/S								
56.39	56.69	47013	Tr	2	0.26	Tr	0.02	8.3	Tr	Tr
56.69	101.66	N/S								
101.66	102.38	47014	Tr	1	0.18	Tr	Tr	6.8	0.02	0.01
102.38	109.73	N/S								
109.73	111.25	47015	Tr	2	0.16	Tr	0.01	6.0	0.01	0.08
111.25	114.52	N/S								
114.52	115.12	47016	Tr	2	0.13	Tr	ND	6.3	0.01	0.01
115.12	121.92	N/S								

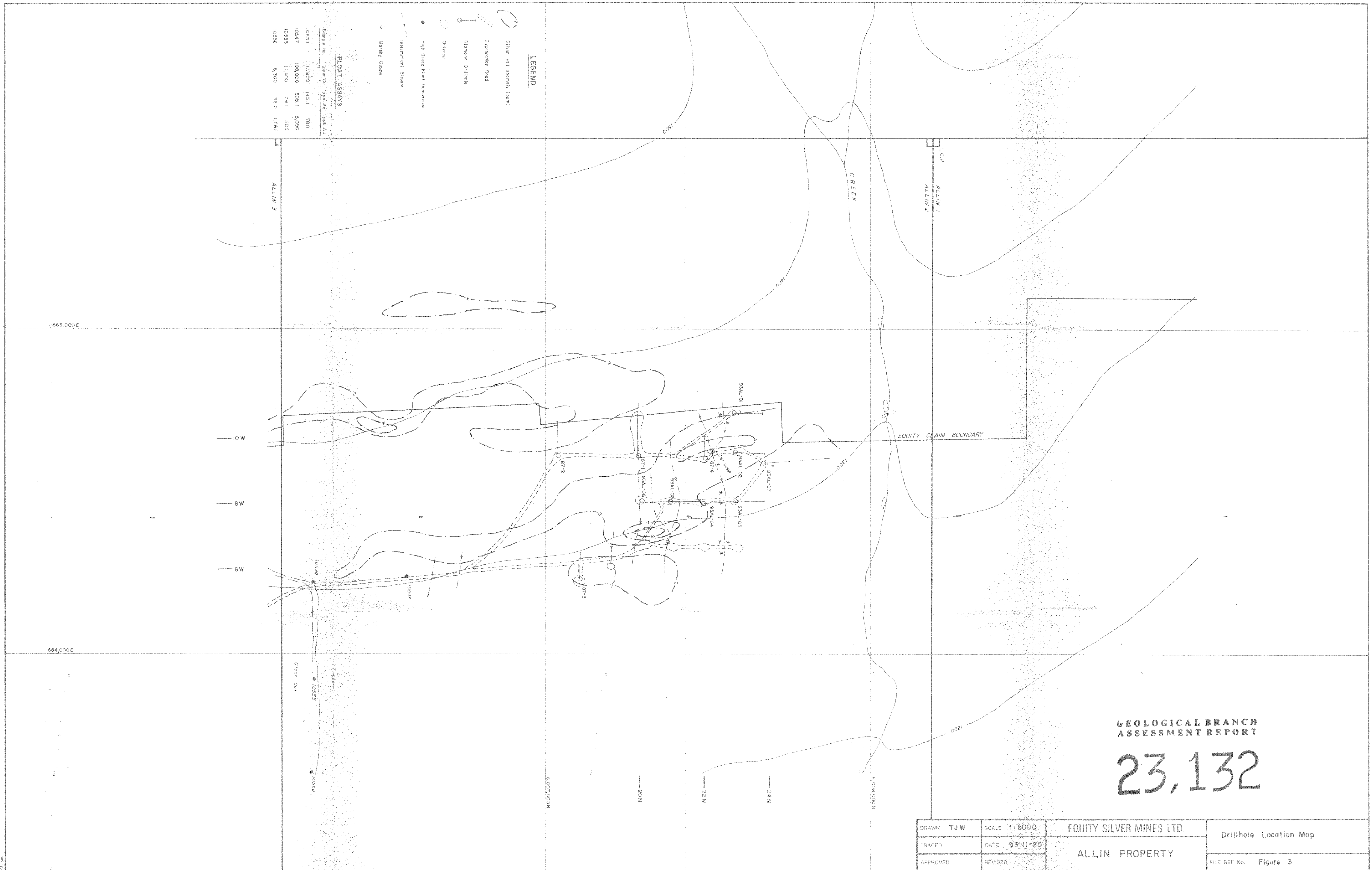
N/S - No Sample
Tr - Trace
ND - Non-detectable

ASSAY LOG - 93AL-02

FROM	TO	SAMPLE #	%CU	G/TAG	G/TAU	%SB	%AS	%FE	%PB	%ZN
0.00	18.29	N/S								
18.29	19.81	47017	Tr	1	0.10	Tr	0.02	6.5	Tr	Tr
19.81	29.87	N/S								
29.87	31.07	47018	Tr	1	0.04	Tr	0.03	7.2	Tr	0.01
31.07	40.84	N/S								
40.84	42.37	47019	Tr	5	0.66	Tr	0.02	7.0	0.01	Tr
42.37	45.52	N/S								
45.52	46.92	47020	Tr	3	0.02	Tr	0.02	4.8	0.01	Tr
46.92	67.06	N/S								
67.06	68.58	47021	Tr	2	0.04	Tr	0.03	6.0	0.01	Tr
68.58	70.10	47022	Tr	3	0.02	Tr	0.03	5.1	0.01	Tr
70.10	71.63	47023	Tr	3	0.04	Tr	0.03	6.0	0.02	Tr
71.63	73.15	47024	Tr	3	0.05	Tr	0.03	5.3	0.02	Tr
73.15	74.45	47025	Tr	3	0.08	Tr	0.05	5.4	0.01	Tr
74.45	75.97	47026	Tr	3	0.03	Tr	0.01	3.9	Tr	0.01
75.97	80.77	N/S								
80.77	82.30	47027	Tr	3	0.05	Tr	0.03	4.4	0.01	Tr
82.30	83.82	47028	Tr	4	0.08	Tr	0.04	5.0	0.01	Tr
83.82	85.34	47029	Tr	5	0.06	Tr	0.04	6.1	Tr	Tr

ASSAY LOG - 93AL-02

FROM	TO	SAMPLE #	%CU	G/TAG	G/TAU	%SB	%AS	%FE	%PB	%ZN
85.34	86.87	47030	Tr	3	0.05	Tr	0.04	5.3	0.01	Tr
86.87	88.39	47031	Tr	3	0.06	Tr	0.04	6.7	0.01	Tr
88.39	89.92	47032	Tr	3	0.07	Tr	0.05	5.8	0.01	Tr
89.92	91.44	47033	Tr	2	0.05	Tr	0.06	4.7	0.01	Tr
91.44	92.96	47034	Tr	4	0.10	Tr	0.03	4.8	0.01	Tr
92.96	94.49	47035	Tr	4	0.06	Tr	0.04	6.1	0.01	Tr
94.49	96.01	47036	Tr	5	0.18	Tr	0.06	8.3	0.02	0.04
96.01	97.54	47037	Tr	2	0.05	Tr	0.06	6.8	0.01	Tr
97.54	99.06	47038	Tr	3	0.06	Tr	0.06	3.3	Tr	Tr
99.06	100.58	47039	Tr	5	0.03	Tr	0.31	4.8	Tr	Tr
100.58	102.11	47040	Tr	4	0.08	Tr	0.31	5.0	Tr	Tr
102.11	103.63	47041	Tr	2	0.09	Tr	0.12	4.1	Tr	Tr
103.63	104.93	47042	Tr	3	0.05	Tr	0.07	5.5	Tr	Tr
104.93	109.90	N/S								
109.90	111.25	47043	Tr	ND	0.34	Tr	0.05	4.9	Tr	Tr
111.25	112.78	47044	Tr	10	0.16	Tr	0.06	5.4	0.01	0.01
112.78	114.16	47045	Tr	ND	0.05	Tr	0.12	7.2	Tr	Tr
114.16	117.38	N/S								
117.38	118.87	47046	Tr	ND	0.08	Tr	0.22	4.3	0.01	Tr
118.87	120.40	47047	Tr	ND	0.06	Tr	0.22	4.6	0.01	Tr
120.40	121.92	47048	Tr	ND	0.07	0.01	0.18	7.9	0.01	Tr



FLOAT ASSAYS

Sample No	ppm Cu	ppm Ag	ppb Au
10534	17,800	145.1	780
10547	103,000	505.1	5,090
10553	11,500	79.1	505
10556	6,300	136.0	1,562

LEGEND

- Silver soil anomaly (ppm)
- Exploration Road
- Diamond Drillhole
- Outcrop
- High Grade Float Occurrence
- - - Intermittent Stream
- ⊥ Marshy Ground

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,132

DRAWN TJW	SCALE 1:5000	EQUITY SILVER MINES LTD.	Drillhole Location Map
TRACED	DATE 93-11-25		
APPROVED	REVISED	ALLIN PROPERTY	FILE REF No. Figure 3