DENAR PROPERTY

Report on Geological Investigations and Drilling Results.

Denar 20 and Denar 40 Claims
New Westminster Mining Division,
British Columbia.

Longitude 121° 06' W Latitude 49° 07' N.

92H/3E

OWNER: DENAR MINES LTD.

CONSULTANTS: STOKES EXPLORATION MANAGEMENT CO.LTD.

J. Nelson, MSc.
J. Payne. PhD.

January, 1981.

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SUMMARY.

1. The Denar property shows skarn, vein, disseminated and porphyry-type mineralisation in two main zones, the Copper Cliff area, and the Star Group Creek area.

2. Economic sulfide minerals include sphalerite, chalcopyrite, and molybdenite; Ag and Au are important in some deposits, and locally are the most important economic metals.

3. The sulfide deposits occur in a broad (at least 6 km^2) area of moderate to intense alteration and veining of basalt; alteration consists mainly of silicification, while veining consists mainly of pyrite, quartz, magnetite and lesser pyrrhotite.

4. Most magnetic anomalies of large magnitude are correlated with the presence of magnetite veins in the basalt. Smaller-intensity anomalies are less readily explained; more detailed magnetometer surveys are necessary in order to evaluate the data in the proximity of skarn deposits.

5. The Copper Cliff skarn has been tested by two drill holes, which prove the continuity of the body to the northwest. A third hole failed to intersect mineralisation.

6. Five drill holes were located near the Earl showings. One of these (DDH 7 - 80) intersected over 10 m a zone averaging .15 oz/t Au which was previously intersected in the 1961 drilling program.

7. This zone should be further explored in the 1981 drill program. Additional drill holes should be sited, in conjunction with geological and magnetometric data, to test other skarn showings along the NW fracture system that seems to control mineralisation in the Star Group Creek area.

8. Further magnetometer work should be done to evaluate the skarn zones; this will be mainly on detailed grids along the strikes of the zones.

9. The porphyry potential of the property should be tested first by geochemical soil and stream sediment surveys, and detailed geological study of alteration assemblages and distribution patterns; the latter will be aided greatly by thin section petrology. Based on favorable results of these studies, deep (300 meters) drill holes could be planned to test both target zones.

INTRODUCTION.

At the request of Mr. Jac P. Neufeld, President of Denar Mines, Ltd., a geological study was conducted on the Denar 20, 40 claims from August 22 to August 27, 1980 by John G. Payne, PhD., and JoAnne Nelson,MSc. Much of the property(5 km^2) was mapped on the scale of 1:2000, and most sulfide showings of economic interest were examined in detail. The geological data was correlated with results of a magnetometer survey conducted earlier in August by Mike Rogers. (1980).

Nine diamond drill holes were sited to test subsurface expressions of the Copper Cliff and Earl Showings. (Total: 660 m of NQ core).

In conjunction with the diamond drilling program, 5 km of access road were constructed during 1980.

LOCATION AND ACCESS. (See Fig. I.)

The Denar claims are located north of Shawatum Creek, and eastern tributary of the Skagit River about 12 km north of the American border. They lie at 49 07' N, 121° 06' W in the Hope map area (NTS 92H3W). They are reached via the Silver-Skagit River road. The mine road branches at Kilometer 44, a few kilometers south of the Skagit River bridge. It is steep in places and requires a 4-wheel drive transport.

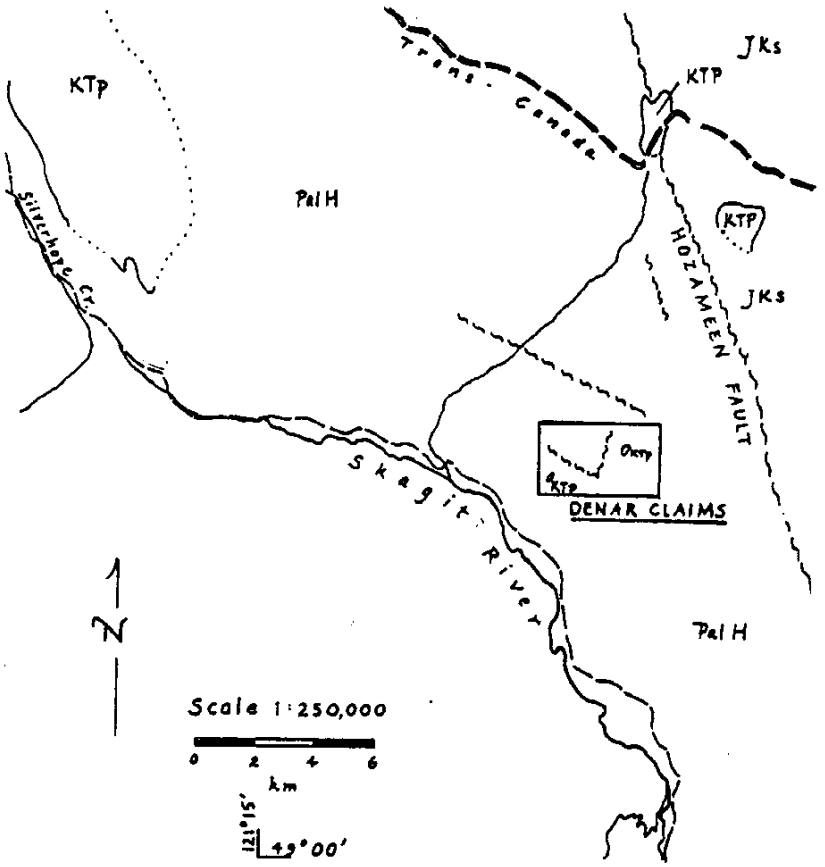
PHYSIOGRAPHY AND CLIMATE.

The claims lie on the south slopes of a ridge. Elevations range from 6001 m on Shawatum to 2000 m at the crest of the ridge. The slopes are forested or brushy, except along the ridge where meadow and parkland predominate.

Summer weather is warm and somewhat drier than in coastal areas. The winter snowpack begins to accumulate in the higher areas in November or December, and melts in April to May.

HISTORY OF THE PROPERTY.

Early prospecting in the area was first reported in 1898 (B.C.Minister of Mines Report). It received particular interest in 1910-1911 in connection with a supposed gold discovery on Shawatum Mountain (see B.C. Minister of Mines Reports 1923, 1929, 1938, 1950).



LEGEND

KTp Cretaceous and/or Tertiary intrusions

JKs Jurassic and Cretaceous sediments of the Pasayten Graben

PalH Hozameen Group of uncertain Paleozoic age — basalt, chert, limestone, pelite

Geology outside Claim block after Monger (1969).

STOKES EXPLORATION MANAGEMENT CO. LTD.

Index Map and Regional Geology of Denar Claims

DATE : JAN. 1981	FIGURE : 1
	DRAWN BY : EDCO LTD.

The 1923 B.C.Minister of Mines report refers to the Billican, North Star and Skagit claim groups north of Shawatum (= 10 mile creek). Part of the area of the Denar claims was staked by C.J.Howlett of Hope beginning in 1924. He carried out further staking and prospecting until his death in 1948. He obtained several very high assays from poorly located or unlocated samples. Claim names dating from this period are: Gold Coin, White Bear (= Polar Bear), Ruby, Woodpecker, Granview, Magnetite, Grubstake and Waterfall.

In 1958-59 the Don and Ted claims were staked over parts of the Gold Coin claims and the Grubstake claim. The then owners of the Gold Coin group restaked over part of the Gold Coin claims.

B.W.W.McDougall reported on the Don and Ted claims in August, 1958; Noranda also did some prospecting, mapping and magnetometer work in 1958.

Earlcrest Resources acquired the area in 1959 and enlarged it by further staking. Their claims were the Gold Coin, Again, Gil, Al, and Charlie. They carried out a major project of mapping, prospecting, and drilling from 1959 to 1961. This is described in R.B.Stokes' comprehensive report (1963), which also contains a detailed description of earlier history.

In 1974, Great Central Mines Ltd., commissioned Herbert Buchholtz of Reno, Nevada, to prepare a prospector's report (Assessment Report 5747) on the property.

The present claims, Denar 20 and 40 were purchased in 1977 by Denar Mines Ltd., from Denar Development Inc. who had acquired them in part from Great Central Mines Ltd., and in part by staking in 1976.

In 1980 G.E.A. von Rosen wrote a summary report on the Denar claims commissioned by J. Neufeld, President of Denar Mines. This study emphasised the volcanogenic potential of the area.

CLAIM DESCRIPTION AND STATUS.

Claim	Record number	Units	Valid to
Denar 20	180	20	March 3, 1982
Denar 40	181	20	March 3, 1982

REGIONAL GEOLOGY.

The region is underlain by rocks of the Hozameen group of Devonian? to Permian? age; these consist mainly of basic volcanic rocks (basalt) and massive chert. Because of the generally unlayered nature of both units, the structure is poorly understood. Regional metamorphism is in lower greenschist facies. They are bounded to the east of the property by the Pasayten Fault.

The Denar property lies in a north-northeast trending belt containing many important sulfide deposits and showings (see Figure 1). The belt cuts diagonally across several major geological units of Paleozoic and Mesozoic age; most deposits appear to be related genetically to late felsic stocks or plutons. The more important of these are as follows (data from reports of B.C.Department of Mines).

1. AM (CanAm): quartz diorite stock with pipe-like breccia cuts fine grained volcanoclastic sediments. An ore body is outlined with 2 million tons grading 1.4% Cu, 0.026 oz/t Au, 1.0 oz/t Ag. (1961 data).
2. Rainbow, D & J, Silver Daisy: little information; vein deposits in Hozameen rocks; some sheared, some fracture filling veins with quartz and pyrrhotite, chalcopyrite, and sphalerite, with sporadic arsenopyrite and galena.
3. Mammoth: pyroxenite? dike in chert containing disseminated pyrrhotite, sphalerite, and chalcopyrite, with scattered scheelite and molybdenite.
4. Wel, Ash: leucocratic granodiorite stock and dikes cut foliated Eagle granodiorite; quartz veins contain chalcopyrite, pyrrhotite, molybdenite, and magnetite. (1975, 1976 data).
5. Keystone: porphyritic quartz diorite and intrusive breccia cut the Eagle granodiorite, molybdenite pre-and-post-brecciation. Associated veins contain galena, sphalerite, Ag, and rhodochrosite. (1978 data).
6. Denar: quartz diorite stocks intrude altered basalt; skarn and vein deposits containing pyrrhotite, pyrite, sphalerite, chalcopyrite, and lesser galena and arsenopyrite; widespread zone of pyrite, magnetite veins; molybdenite and chalcopyrite in intrusion suggests possibility of porphyry deposit.

PROPERTY GEOLOGY (see Figure 3).

The property is underlain mainly by basalt in the eastern and western parts, and by massive to locally bedded chert in a broad central region between Antimony and Pyrrhotite creeks, and on the ridge above the Copper Cliff deposit. Basalt-chert contacts are steeply-dipping and probably faulted. A fault striking at 15° along Pyrrhotite Creek truncates a 120° striking fault that passes through the Giant Creek area. Monger (1969) has mapped another major WNW striking fault in the valley north of the property. In both regions of basalt the rocks are altered and veined over areas of several square kilometers; the alteration zones cover most of the property and in places extend beyond its borders. Alteration consists mainly of silicification and lesser sericitization. Vein minerals, in order of decreasing abundance, are pyrite, magnetite, quartz, and pyrrhotite. In parts of the property zones can be mapped which contain characteristic vein mineral assemblages; the major ones are noted in figure 2.3.

In each region of basalt are small intrusions of diorite to granodiorite of unknown, but probably Early Tertiary age. Some outcrop areas of these are altered and veined strongly, whereas others are fresh. The widespread alteration in the basalts suggests that a large part of the property may be underlain by the intrusive rocks at depth, and that their surface expression represents only scattered windows at the top of the intrusions.

SULFIDE AND RELATED MINERALIZATION.

Three main types of sulfide deposits occur on the Denar property; each is of economic interest in at least one locality. The deposit types are as follows:

1. Skarn, some massive sulfides, potential for small tonnage, high grade deposits containing Cu, Zn, Ag, Au.

2. Veins, some very high-grade Zn, Cu; potential for small tonnage, high grade deposits, probably not economic unless part of a larger deposit (see below).

3. Porphyry, disseminated and vein deposits over a large region, large tonnage, low grade potential for Cu, Mo, and possibly Ag and Au.

These deposit types are related in a geological model which is illustrated schematically in Figure 4. The intrusion acts as a heat source which sustains the convective movement of water, with rising hot water in the core and descending cool water on the periphery. The alteration of basalts by the water

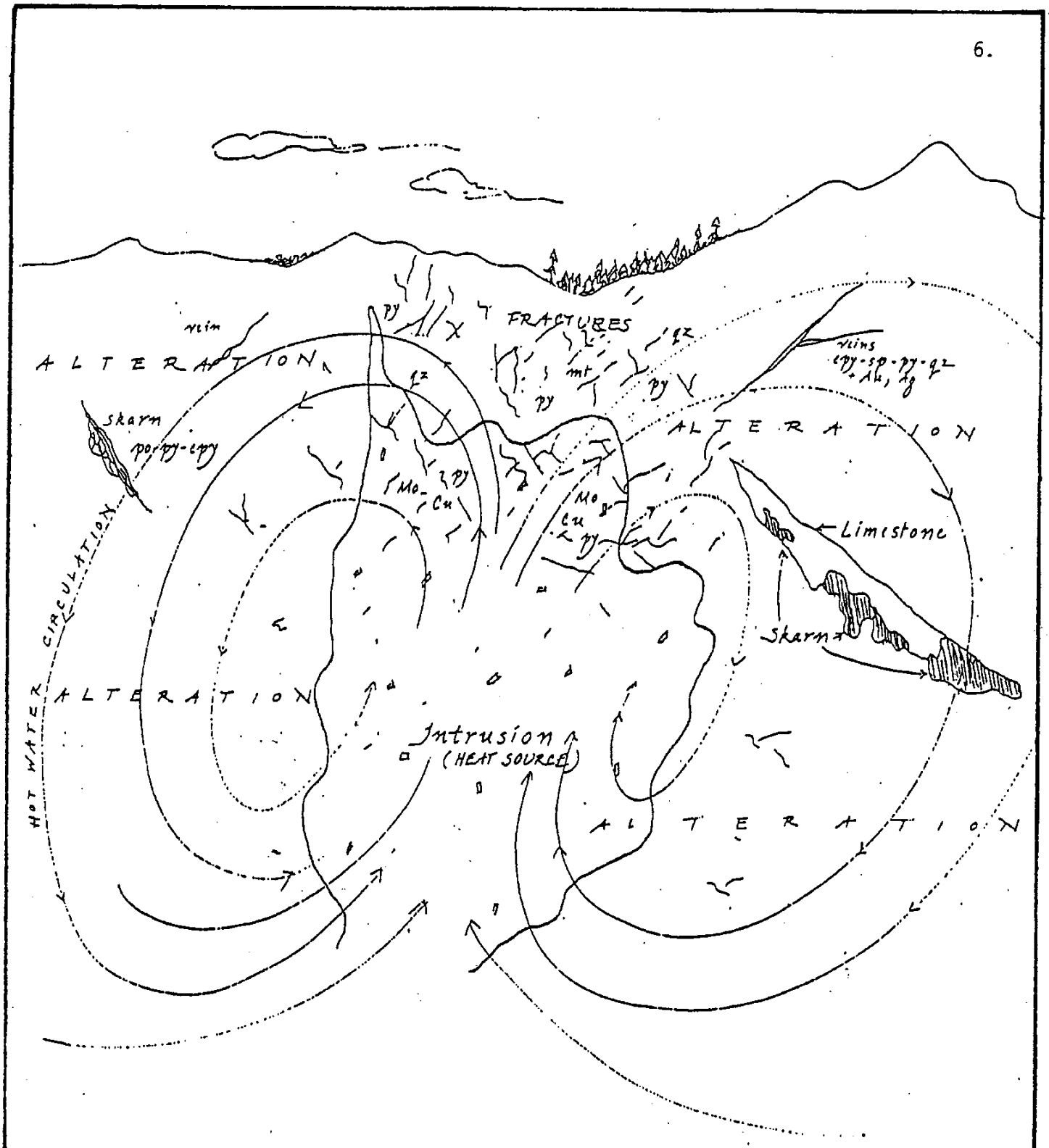


FIGURE 4

Sketch of Typical Porphyry-type Hydrothermal System

provides Fe and possibly Cu to the solutions; these elements appear elsewhere as sulfide veins and massive deposits. The intrusion also supplies silica and probably potassium, as well as molybdenum, and some of the copper and zinc. The water comes in part from the intrusion (juvenile) and partly from ground water (meteoric). Vein deposits occur along favorable fracture zones in the upper part of system above the intrusion. Skarns occur in a variety of sites,controlled by (a) favorable host rock, (b) a permeable contact, (c) proximity to an intrusion body, as at the Earl Showings and (d) unknown reasons. The present of limestone is particularly favorable for development of a large skarn deposit, but large bodies may form elsewhere as well, such as in permeable basalt or basalt breccia.
Skarns have formed in the apparent absence of limestone at Copper Cliff and Pyrrhotite Creek. These consist of massive pyrrhotite with small amounts of chalcopyrite. They lack sphalerite or skarn minerals such as garnet or calcite, and appear to be grossly enlarged versions of the sulfide blobs and veins which are common in the altered basalts. In limestone-derived skarns in the Earl, Western and Eastern showings sphalerite is locally abundant, with scattered concentrations of chalcopyrite, arsenopyrite and galena in a matrix of calcite-garnet-epidote-actinolite gangue.

Gold and silver on the property occur sporadically in skarns, veins, breccias and shears. As association of precious mineral mineralisation with visible sulfides such as sphalerite is erratic, drill-core and surface samples should be extensively analysed, and assayed if necessary.

Vein deposits containing sulfides other than pyrite and pyrrhotite are mainly restricted to the Earl and Eastern showings. The Earl deposit contains an important high-grade sphalerite-calcopyrite vein, while in the Eastern showings sphalerite and chalcopyrite are subordinate.

Intrusive rocks near the Copper Cliff and Earl-Western showings are strongly altered and veined, with disseminated pyrite and locally chalcopyrite (on Gold Pan Point), and quartz-sulfide veins, locally containing molybdenite below Copper Cliff. Both the Copper Cliff and Earl-Western areas are considered to have potential for development of a porphyry deposit.

1) COPPER CLIFF DEPOSIT(S).

The main Copper Cliff showing is an irregular lens-shaped body of massive sulfide, with an average thickness in the surface showing of 3 to 4 meters (maximum 5 m), with its long axis perpendicular to strike measuring about 25 m. The body is controlled by a dominant fracture system which strikes 120 - 130° and dips 40 - 50° southwest; and by a subordinate fracture system at 82/40S. The body consists mainly of medium grained pyrrhotite with numerous irregular veins and patches up to a few cm across of pyrite and much less chalcopyrite. In the fresh samples from the drill core, pyrrhotite is strongly magnetic. Surface trenches (Shear & Stokes, 1961) gave the following average assay across the surface showing.

77' (23.5 m): Cu 0.5%, Ag 0.6 oz/t, Au 0.003 oz/t.

Six hundred feet from the main showing on a bearing of 295° is an old trench 10 m by 2 m in size containing a probable extension of the Copper Cliff body. An assay from this deposit gave the following results -

30' (9.15 m): Cu -.4%, Ag 0.3 oz/t, Au 0.01 oz/t.

This trench has not been examined in the present study.

The massive sulfide body is enclosed in basalt which was moderately to strongly altered by breciation, silicification, and veining by pyrite, quartz, actinolite, epidote, and chlorite. The least altered basalt is aphanitic and dark green in color, containing 0.5-1% magnetite. The magnetite may be original or may have formed in a contact metamorphic aureole about the quartz diorite intrusion nearby. In general magnetite is destroyed during silicification and sericitization, and many zones with abundant pyrite contain no magnetite. Within a few meters of the massive sulfide body, veins and irregular patches up to a few cm across of quartz-pyrite-epidote are common.

About two kilometers northeast of the main sulfide body, pyrrhotite veining is abundant in the basalt over an area a few hundred meters across. Downhill from this region in Giant Creek at elevation 1220 m, a float cobble of massive sulfide was found in this study; it consists of massive pyrrhotite with 2% chalcopyrite. Prospecting on the steep slopes above this find should be done in order to locate its source.

The top of a medium to fine grained intrusion of quartz diorite to granodiorite outcrops over a small area 200 meters southeast of the Cooper Cliff showing. The intrusive rock is strongly altered, with abundant pyrite veins. A few quartz-rich veins contain clots of molybdenite up to 5 mm across. Because of limited exposure in this region, the extent of this type of veining and alteration is poorly known. Numerous whole-rock samples have been collected in this region for geochemical analysis of Cu, Mo, Ag, and Au. This region may represent the top of an important porphyry deposit with economic values in Mo and possibly Cu, Ag, and Au.

DIAMOND DRILLING RESULTS - Copper Cliff area.

Four drill holes were sited in the Copper Cliff area. They are shown on Figures 3 and 5. Detailed core logs for DDH 2,3 and 4-80 appear in Appendix II.

DDH 1 - 80 was drilled in a region of basalt containing abundant pyrite and pyrite-magnetite veins. It stayed in this unit throughout its length.

DDH 2 - 80, 3 - 80, and 4 - 80 were drilled to intersect the Copper Cliff showing. A plan view is shown on Fig 5, by projecting them onto a vertical plane at 114°. DDH 2 - 80 intersected two major massive sulfide layers from 17.72 to 20.11 m, and from 23.45 to 24.6 m. The total width of the zone is 6.9 m, with massive sulfide comprising 3.5 m. DDH 2 - 80 intersected massive sulfide from 30.18 to 31.05 m (width 0.87m) with a halo containing abundant sulfides from 29.1 to 31.7 m (width 2.6m). In both holes, very abundant quartz-pyrite-epidote veins occurred in the few meters above the massive sulfide, and pyrite-actinolite-chlorite-quartz veins are common throughout the hole. Quartz veins up to a few cm across are vary abundant below the massive sulfide intersections.
The massive sulfide is mainly pyrrhotite with veins and patches of pyrite and lesser chalcopyrite. Visual estimate of chalcopyrite content of massive sulfide is 0.3% in DDH 2 - 80 and 1% in DDH 3 - 80.
It is thought that DDH 2 - 80 intersected the main part of the massive sulfide body, whereas DDH 3 - 80 intersected a narrower part near its western edge. DDH 4 - 80 did not intersect the massive sulfide zone.

In the geochemical results shown on Fig. 5 and in detail in Appendices I and II, copper abundance correlates well with visible chalcopyrite. Precious metals are scarce in the massive sulfide, as they are in assays of its surface outcrop. (Stokes 1963).

2) STAR GROUP CREEK AREA.

Several major showings((Pyrrhotite Creek, Earl, Gold Pan Point, Western (=Main), and Eastern)) are along a northwest trending zone up to 100 m wide. This zone is defined by

1. abundant northwest trending, subvertical fractures, some of which contain significant sulfides, and
2. several skarns with outcrop areas up to a few meters across.

The host rock is slightly to strongly altered basalt and basalt breccia, with minor but significant limestone lenses in two of the skarn showings. Just northeast of the zone on and near Gold Pan Point is a medium grained intrusion of quartz diorite to granodiorite similar to that below Copper Cliff. It contains 3-5% disseminated pyrite and local blobs up to 3 mm across of chalcopyrite.

a) Pyrrhotite Creek.

Several skarns with outcrop areas of up to 3 m across are exposed in small cuts in altered basalt on the east bank of Pyrrhotite Creek. The skarns are mainly massive pyrrhotite with 1-2% chalcopyrite and very viriable (0-80%) quartz. Pyrrhotite Creek marks a major lithologic contact between basalt and chert; this contact zone might have been a favorable site for formation of skarn, especially where the contact is intersected by the northwest trending fracture zone. The area between these showings and the Earl showings is covered by overburden.

b) Earl Showings.

At the north end of a major outcrop ridge is a massive sulfide skarn exposed over a width of 2 m. It contains pyrrhotite, lesser sphalerite, and minor chalcopyrite, the last mainly associated with patches of strongly silicified basalt. Just to the south of the skarn is a vein and silicified breccia zone containing massive sulfide veins up to 30 cm wide. The main vein, averaging 10-20 cm wide, grades upwards from pyrrhotite-rich at the base of the cut to sphalerite-pyrrhotite with local patches of coarse calcite-pyrite near the middle, and to massive coarse grained sphalerite with lesser chalcopyrite near the top. Nearby

is a vein up to 3 cm wide composed of massive arsenopyrite and quartz. This is hosted by white, strongly bleached, silicified breccia which contains Cu-stained clasts. To the southwest for a few tens of meters, the basalt contains scattered veins averaging a few mm wide containing pyrrhotite and sphalerite with calcite and quartz. Still further southwest in a series of horizontal cuts is exposed a thin limestone layer in the basalt, along which was developed a medium to coarse grained skarn composed of calcite, pyrrhotite, and sphalerite, with patches of vuggy quartz, and with intergrown silicates, mainly epidote and actinolite. The limestone lens may represent an original bedding plane; it strikes north-south and dips 15-25^{o} to the west. Further southwest the intensity of veining and alteration decreases greatly, and the northwest trending fracture zone becomes insignificant.

DIAMOND DRILLING RESULTS - Earl showings.

The most encouraging results of the 1961 drill program were in the vicinity of the Earl Showings (Stokes 1963), where .37 oz/ton Au was encountered in the last 2.1 m of DDH 8 - 61. This area was selected as a preferred target for drilling in 1980. In total, five holes were collared above the showings. Their locations are shown on Fig. 3. Fig. 6 is a projection onto a vertical plane striking 60^{o}, parallel to the trends of DDH 8 - 80 and 9 - 80.

In all of the holes, numerous gently-dipping limestone skarn horizons are intercalated with strongly-altered basalts. The skarns contain small to moderate amounts of sphalerite as disseminated blobs with pyrrhotite in a calcsilicate matrix of calcite ± garnet ± quartz ± epidote ± actinolite. Scattered sphalerite-pyrrite veins, and one arsenopyrite vein, were encountered in DDH 5 - 80. Detailed core logs are in Appendix II.

Picked assay data is shown on Fig. 6. (For details please see Appendix II). Zinc corresponds to visible sphalerite, most of it in skarns. The lack of correlation between the various metals is noteworthy. Gold occurs in some skarns (up to .464 oz/t), but is absent in most. Conversely, it is abundant (.299 oz/t) in DDH 7 - 80 in an otherwise barren sheared zone in basalt. Silver values up to .38 oz/t occur in some skarns. The correlation of Ag with zinc or gold abundance is very poor.

High gold values concentrate tightly in a pod-shaped zone encountered for 12 m at the end of hole 8 - 61, and for 10 m in hole 7 - 80. The average Au content of this zone is .17 oz/t in hole 8 - 61 and .15 oz/t in hole 7 - 80. Within the zone encountered by DDH 7 - 80, gold occurs both in a skarn setting and in sheared basalt. Because of the NW-trending fracture control in the area, it is likely that the zone is elongate NW-SE. The plutonic body which outcrops on Gold Pan Point was encountered at the bottom of the four of the five holes. It is strongly altered but, except for pyrite, unmineralised. DDH - 6 - 80, located furthest from the surface outcrop of the intrusive body, shows the least mineralisation. Some of the limestones seen within it have not been converted to skarn.
The pluton vertically below, and DDH 6 - 80 to the southwest, constrain the extent of subsurface mineralisation near the Earl Showings. The deeply overburden-covered area to the northwest is still unknown, and could be tested in future drill programs.

c) Gold Pan Point.

A few meters below the main contact of the granodiorite with basalt is a tongue of granodiorite a few m across. At its lower contact with basalt is a lens up to 50 cm wide and 3 m long containing coarse pyrite and quartz with minor actinolite. A few meters below this in altered andesite, a small cut exposes a vein containing pyrrhotite, quartz, and abundant sphalerite. Further south on the point the intensity of alteration and veining decreases markedly.

d) Western Showings.

Four skarn zones occur on the side of the hill over a north-south distance of 40 m. The largest, exposed in a cut near the top of the outcrop, is up to 5 m long and 3 m wide. It consists of fine to medium grained pyrrhotite, quartz, and sphalerite. Adjacent to it on the southeast is a lens of coarse grained marble up to 1 m thick. Surrounding the skarn and marble is porphyritic basalt, and nearby is a porphyritic dacite-rhyolite intrusion.

Both the basalt and rhyolite are moderately silicified and veined with pyrite. The skarn appears to strike 040° and dip 50° southweast under the limestone-marble, but its other contact against basalt indicates that the body is an irregular pod rather than a stratabound layer. Below this is another pit exposing a skarn 6 m long by up to a few m wide at the contact of the porphyritic basalt and felsite intrusion. This skarn is zoned, with patches rich in pyrrhotite and others rich in sphalerite. Near the south end of the body is an outcrop about 1 m long which contains three distinct zones, each about 35 cm thick; they are from north to south -

1. quartz with minor pyrrhotite, pyrite
2. sphalerite-pyrrhotite-rich with lesser quartz
3. arsenopyrite-quartz

Contacts of the three zones strike 122° and dip 46° northeast.

To the north of this skarn is a body up to 5 m across composed mainly of uniformly fine grained pyrrhotite-quartz-sphalerite. About 20 meters north of the upper showing is a skarn up to 3 m across containing quartz, pyrrhotite, and sphalerite.

The basalt in this region is strongly silicified, and generally has a light purplish-green color. It contains abundant pyrite and pyrrhotite veins which oxidize to give the weathered surface a deep reddish-brown color. Some of the basalt in and near the cuts appears to be brecciated.

Much of the region between the Western and Eastern showings is covered by overburden. Outcrops along Drill Creek show prominent northwest trending fractures and quartz veins, indicating continuation of the controlling northwest structures through this region.

e) Eastern Showings.

The northwest fracture set is prominent. One cut exposes a 5-10 cm vein of massive, coarse grained pyrrhotite with lesser sphalerite, and other smaller pyrrhotite and quartz veins occur along the same trend within a few meters of this vein. Some of the veins can be traced for several tens of meters along strike. About 90 meters to the southeast, two skarns are exposed in cuts. Both skarns appear to be pods up to 5 m across. They contain a variety of mineral assemblages and textures as follows:

1. massive pyrrhotite-quartz with lesser sphalerite
2. coarse grained garnet enclosing fine grained magnetite-garnet-quartz
3. grossular garnet and calcite in replacement veinlets and patches in basalt

4. garnet-epidote-actinolite with minor pyrrhotite
5. garnet-calcite-magnetite with patches of vuggy quartz.

A few tens of meters above this is a small skarn up to 2 m across and 5 m long; it formed along the contact of a thin chert interlayer and strongly brecciated basalt. The skarn consists of grossular garnet with less actinolite, epidote, and pyrrhotite.

Representative assays taken from previous studies are as follows:

Sample	Area and description	width (ft)	Au(oz/t)	Ag(oz/t)	Zn%	Cu%	Pb%
Earl	sl-po veins	3	0.28	2.70	12.45	0.25	0.05
	vein zone	36	0.10	1.50	na	0.05	na
	DH-61-8 (165-177)	12	0.30	0.41	1.0	0.10	0.06
Gold Pan	Point (lower cut)	6	0.05	0.95	6.15	tr	0.10
Western	(Upper cut)	25	0.06	1.55	5.95	0.15	tr
	(lower cut)	15	0.08	0.65	5.65	tr	tr
Eastern		10	0.01	2.4	3.2	0.07	1.83

CORRELATION OF GEOLOGY WITH MAGNETOMETER DATA.

Several magnetic anomalies are present in the three grids surveyed by Mike Rogers. Some of the anomalies can be correlated with geological data, whereas others are in areas of poor to no outcrop, and their interpretation must be made by correlating with other areas of suspected similar geology. Intense magnetic anomalies are due to magnetite as veins and minor skarns. The largest of these is along the main ridge crest above Hellabore Flats. Another occurs on the baseline of the Main grid between stations 6+25E and 7+00E. Most of this anomaly is covered by overburden. A small pit just north of station 7+00E exposes a vein up to 30 cm thick of magnetite with lesser quartz. Just north of this is a sharp contact with strongly altered basalt containing very abundant pyrite veins and no magnetite.

The broad anomaly on the Copper Cliff grid which extends from southwest to northeast is partly due to magnetite-pyrite veins, which are abundant in outcrop near the southwest corner of the grid. In the northeast part of the grid are abundant pyrrhotite veins but little magnetite. The intensity of the anomaly suggests that the pyrrhotite veins are underlain by more-magnetic rock, either a massive sulfide containing magnetic pyrrhotite, or a region of magnetite-bearing veins not exposed on surface. The massive sulfide float below this

area in Giant Creek would favor the presence of a massive sulfide body in this region. Depressions in the central part of the grid along this trend may be due to more intense alteration near the intrusive centre. The strong low on the baseline at 0+00 W is because the massive sulfide body is beside the instrument rather than below it. Similar anomalous effects due to topography may be present elsewhere in the grids, for example in the cliffy regions around the Eastern showings.

A weaker magnetic anomaly on the Main grid on lines 6 and 7 E, at stations 1+25 N correlates with an intrusion of porphyritic diorite which contains up to 1% magnetite.

A possibly significant anomaly occurs on the base line of the Main grid at station 2W. This high might be caused by a massive sulfide or by magnetite veins.

Further magnetometer surveys should be done to aid in geologic interpretation in and near zones of economic interest, and to prospect covered areas along the major northwest trending fracture zones.

DISCUSSIONS AND RECOMMENDATIONS.

The geology of the Denar property points to an intrusive-related hydrothermal system as the environment of mineralisation, with structural and lithologic controls on the location of high-grade zones. The alignment of most of these zones (Pyrrhotite Creek, Earl, Western, Eastern showings), suggests that they are located along a shear zone that strikes at 135°. This is consistent with the orientation of some of the major faults in the area. Several of the important showings within this trend - the Earl and Western Showings, and Gold Pan Point - are associated with the roofs of small intrusive bodies. Both the country rocks and the plutons tend to be strongly altered. Chlorite-pyrite-sericite are common in plutonic rocks; pyrite, pyrrhotite, magnetite, quartz, epidote, actinolite and chlorite occur in basalts. Molybdenite and chalcopyrite occur in rate fracture veinlets within plutons.

The distribution of high-grade zones and the widespread alteration favor a porphyry rather than a volcanogenic setting for mineralisation on the Denar property.

The property exhibits potential for two type of targets:

1. precious metals in skarn-shear-zone-breccia settings.
2. porphyry - Mo.

Future programs should be concerned with both of these targets.

1) PRECIOUS METALS.

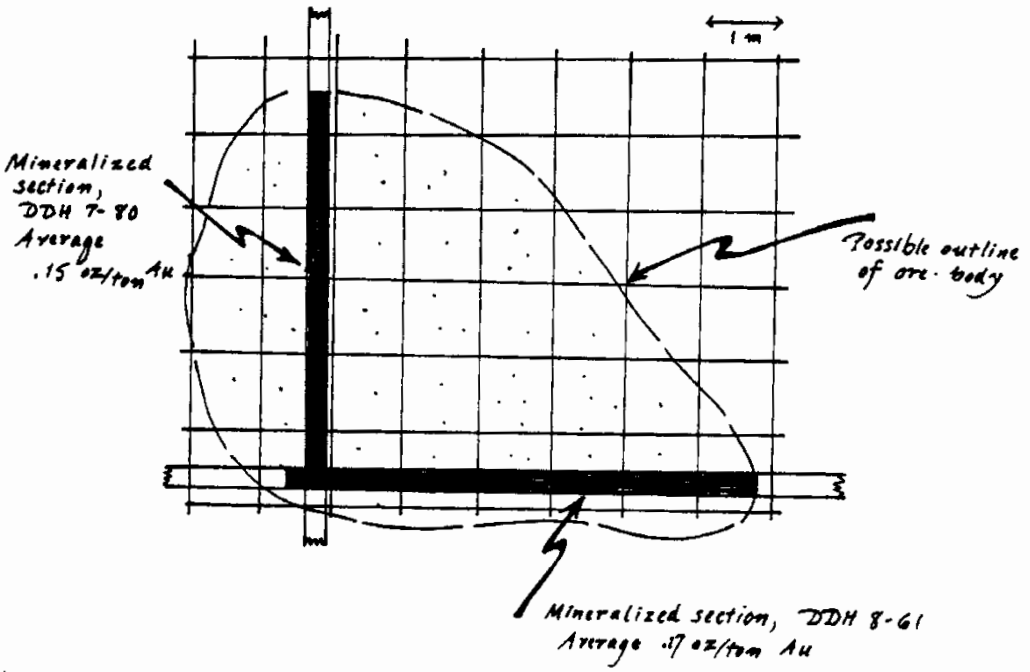
a) Earl Showings.

The most important result of the 1980 drilling program was to confirm and enlarge a zone of high Au values encountered in 1961 drilling. In gross section at the end of hole 8-51 this body measures 10 m vertically (DDH 7 - 80) and at least 12 m in a horizontal NE direction. The average in the two intersections is .16 oz/ton Au. According to the overall control of northwest shears/fractures, the northwest dimension of the body should exceed its NE diameter.

The first object of the 1981 drill program should be to define the full extent of the Au-bearing zone. Several horizontal northwest-trending holes along it, plus vertical intersections northwest of DDH 7 - 80, should be used. These should be surveyed and tied in to the 1980 drill sites for best accuracy of volume estimates.

The following calculation shows the effect on total oz of Au and dollar value, depending on the NW dimension of the body.

The sketch shows the possible outlines, in cross-section, of the Au-bearing zone encountered in DDH 8-61 and DDH 7-80. Its cross-sectional area is 128 m^2 and its average grade, if consistent with that in the drill holes, is .16 oz/ton Au.



The size of this body depends on its extent in a northwest direction. Given the grade and NE cross-section given above, expectable volumes and amounts and dollar values of gold are as follows:

Length, NW-SE	Au, oz total	
10 m	652.8	$ 391,680
20 m	1305.6	$ 783,360
30 m	1958.4	$1,175,040
40 m	2611.2	$1,566,720
50 m	3263.0	$1,957,800
		@ $600/oz

The maximum probable northwest extent is 50 m, as the body was not intersected in DDH 5-80. Differences in grade, and irregularities in the shape of the body, will have a strong effect on the total Au content; therefore this calculation should be considered "ballpark" only.

The covered zone between the Earl Showings and the Pyrrhotite Creek showings should be tested with a detailed magnetometer survey. The drilling at Earl showings could be extended in this direction.

b) Copper Cliff Showings.

The drill-hole data from this area could be interpreted in two ways; either the massive sulfide body pinches out along strike, or its thickest part swings north, deeper into the hill. In the second case, a fourth hole north of DDH - 4 could provide another intersection; however the analytical results - less than 1% Cu, and negligible Au and Ag in the massive sulfide - make it unworthy of further pursuit at this time. Prospecting should be done to locate the source of the massive sulfide float (sample 8933) in Giant Creek.

c) Eastern Showings.

The Eastern showings gave one of the better silver assays on the property - 2.4 oz/t over 3.03 m (Stokes 1963). Another good silver assay came from a sample collected in 1961 along the old foot trail below the showings (R.B.Stokes personal communication). This area is as yet undrilled and incompletely mapped, and deserves further attention.

d) Western Showings.

These skarns have been partly tested by drill holes in 1961 (61-1-2), The abundance of skarns and their relatively high content of sphalerite suggest that two more short holes should be drilled from sites near the new road above the showings. Encouraging results in this area should lead to detailed magnetometer surveys and further drilling to the southeast toward the Eastern Showings.

e) Pyrrhotite Creek.

The chert-basalt contact in Pyrrhotite Creek may be a favorable site for development of skarn deposits. It should be tested by a detailed magnetometer survey from near the major switchback in the road up to a large talus patch of basalt containing abundant magnetite veins at elevation 1610 m. Particular attention should be taken of the magnetic signature of the known skarns along the creek.

2) PORPHYRY.

a) Earl Showings - Gold Pan Point.

b) Copper Cliff Showings.

Both regions contain skarns and vein deposits, strongly altered country rocks over a broad area, and felsic intrusive rocks showing moderate to strong alteration and veining. Sulfides are very abundant in all rocks, and chalcopyrite and molybdenite are locally present in the intrusive rocks. These data suggest that both regions might be at the top of a major porphyry system, which might contain economic Cu-Mo mineralisation at moderate depth (within the first 300-500 meters from surface).

To test this possibility would require the following:

1. A geochemical soil survey to test for anomalous zones in Cu, Mo, Ag and Au throughout the region of altered basalt. Surveys could be one on the magnetometer grids, with extensions and additional lines where necessary based on geology and preliminary results.
2. More geological mapping in detail to outline zones and assemblages of alteration which might point toward a hydrothermal center or centers, and zones of most probable accumulation of economic minerals. Thin section petrography would be useful in this program.

3. Based on positive results of the first two steps, drilling of most probable targets, with initial holes up to 300 meters long. Based on present data, initial drilling would probably be in the altered granodiorite outcrops on the road southeast of the Copper Cliff showing, and in the Gold Pan Point area. The drill program should not be started until the skarn targets of the Earl Showings in particular have been properly tested, and steps 1 and 2 described above have been completed.

J. Nelson

JoAnne Nelson,
Geologist.

JN/cmp

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* * * * * *

APPENDIX I.

Drill Core Logs - 1980 program.

Core is stored on the property

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DRILL CORE LOG.

Company Denar Mines Ltd. Property "Copper Cliff" Scale 1:200 1cm = 2m Hole No. 2-80

Started -	Bearing - 105°	Lat. -	Collar El. - 1122 m	Logged by: J. Nelson
Completed -	Angle - 70°	Dep. -	Bottom El. 1006 m	Size of core: 4.9 cm
Driller -	Length	Location -	Level -	Survey data:

Remarks: Massive sulfide with interspersed basalt from 17.72 – 24.6 m. Total thickness of MS 3.52 m

Assays. Cu, Pb, Zn % values ppm Au, Ag oz/ton Assays * ⓖ = geochem.

Interval From	Interval To	Recovery M.	Recovery %	Cores	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Cu	Pb	Zn	Ag	Au
0	3.36	1.5	45		overburden (base approximate)												
									fault				ⓖ 180	48	160	.5	.005
									brecciated zones. Abt fine chlorite veinlets.	8901	1.5	3.86					
					basalt - dark green, very fine grained - except where altered (see mineralization)	B			py-cp veins. Py blebs in breccia matrix + abt needles, small cp grains.								
3.36	4.27	.7	78		highly fractured.				tr cpy on a few ffc surfaces								
									finely brecciated, white silicified py veins resp				ⓖ				
4.27	5.5	1.2	98		moderately magnetic except in altered zones, in which mt destroyed.				abundant fine chlorite veinlets + abt.	8902	3.66	5.5	✓360	✓17	✓50	✓.3	✓.005
									brecciated, silicified with large percent								
									pyrite - epidote blebs								
5.5	7.32	1.8	99						dk gn, fine chl veinlets abt								
									py veins, veinlets	8903	5.5	7.32	ⓖ 225	26	60	.3	.005
									unbrecciated. Dark green. Py veinlets (silicified, ep, qz) veins + cp, abt. fine veinlets. py blebs, py veins to 1cm								
7.32	8.72	1.4	100						+ qz tr cpy in fracture	8904	7.32	8.72	ⓖ 130	12	52	.2	.005
									cpy in fc, small py patches								
					moderate-				disseminated in rock								
8.72	9.46	.75	100		strong					8905	8.72	9.46	ⓖ 74	13	70	.1	.005
					magnetic												
9.46	11.6	2.1	100			B			✓ zones of patchy cp-py, py veins + cpy in fractures accompanied by silicified zones with spotty chloritic ✓ locally white alteration	8906	9.46	11.6	ⓖ 78/585	10/11	38/52	11/.4	.010/.005
									patchy cp-py about 70%. tr cpy in fc mt veinlets, veins, disseminations	8907	11.6	13.11	ⓖ 645	12	48	.6	.010
11.6	13.11	1.6	100						outside these zones light green silicified basalt actinolite sprays								
13.11	13.75	.65	100							8908	13.11	15.22	ⓖ 196/220	8/10	38/32	.2/.3	.005/.005
13.75	15.22	1.4	94							8909	15.22	16.15	ⓖ 280	10	34	.3	.005
15.22	16.15	1.0	100							8910	16.15	17.72	ⓖ 190	9	75	.2	.005
16.15	17.69	1.6	100	80° loss	cut				lamellar texture - fine abt veins/cherty silicified zones, parallel/abt 1-2 mm laminations/ alternate with non-laminated zones.								.005
17.69	19.21	1.6	100		17.72 MASSIVE SULFIDE - mostly po, py veins, mt dissem. near top. cpy around scattered py exbds in po; at po/chl contacts.	MS			sparse py veinlets, fracture coatings								+ Mo, W
					18.72 BASALT as above				cpy - 3%	8911	17.72	18.72	ⓖ 1950	14	53	.6	.005
					MASSIVE SULFIDE - mostly po. strongly magnetic, py patches. Lesser cpy - patches, veinlets, at py-po contacts; po-basalt contacts	MS			30° - small basalt layer in sulfide	8912	18.72	19.74	ⓖ 525	15	62	.5	.005
					20.11				contact 70° po-py/cpy (cpy 2%) breccia zone.	8913	18.74	20.11	ⓖ 4050	75	200	2.6	.015
19.21	20.75	1.4	90		Fault breccia - angular basalt fragments - quartz, chlorite veins in matrix	bx			core spongey, pyritic - possible shear zone	8914	20.11	20.75	ⓖ 350	375	3300	10.0	.005
					BASALT.	B			Abundant vein-breccia zones - wht, light green py veinlets cut these	8915	20.75	21.65	ⓖ 280	14	38	.4	.005
20.75	21.65	.9	100							8916	21.65	22.55	ⓖ 100	13	70	.3	.005
21.65	22.55	.9	100						near massive sulfide, quartz veins to 10 cm, patchy pyrite - epidote	8917	22.55	23.45	ⓖ 320	10	38	.3	.005 +Mo, W
22.55	24.1	1.6	100		23.45 MASSIVE SULFIDE - 10-25% po, 2% cpy in abt (?) gangue - sulfides as stringers - fe, slickensides.	MS			strong mag netic	8918	23.45	24.6	ⓖ 1330	12	36	.6	.005
					24.6 basalt	B			po-py blebs	8919	24.6	25.6	ⓖ 490	14	60	.4	1.600
24.1	25.6	1.5	100						finely brecciated. small dark green clasts in lighter silicified (?) matrix (to 20 cm) sparse thick qz veins, cp-py veins - cp blebs	8920	27.4	28.45	ⓖ 106	5	25	.1	.005
25.6	27.15	1.55	100														
27.15	28.6	1.5	100														

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DRILL CORE LOG.

Company Denar Mines Ltd Property "Copper Cliff" Scale 1:200 1cm = 2m Hole No. 2

Started -	Bearing - 105°	Lat. -	Collar El. - 1122 m	Logged by: J. Nelson	Remarks:
Completed -	Angle - 70°	Dep. -	Bottom El. 1006 m	Size of core: 4.9 cm	
Driller - Interior	Length 66.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Cores	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Geochem Assays Cu	Pb	Zn	Ag	Au
					basalt. Dark green very fine grained except where altered.	B			silicified about 150' fine breccia zones. clasts either lighter or darker than matrix. Associated with silicification - veining. Round clasts show solution effects.								
28.6	29.55	.7	74														
29.55	31.15	1.6	100						scattered py & cp veins; qz veins with pyrite - these cut across breccia texture.								
31.15	32.6	1.6	100							89221	31.3	32.6	84	5	32	.1	.005
32.6	33.65	.9	86		BASALT - med gn, chorty. moderately magnetic				silicified mostly brecciated. breccia composed of lighter green clasts mm - cm across separated by thin bands of darker matrix. Clasts								
33.65	34.8	1.15	100						have rounded, irregular shapes. In places breccia shows foliation @ 30°.								
34.8	35.4	.6	100						Scattered py veins - one has mt. Spotty								
35.4	36.0	.6	100						py on fc surfaces.								
36.0	36.9	.8	89						total py about 2%.	8922	37.3	38.4	57	8	40	.1	.005
36.9	38.4	1.5	100														
38.4	39.65	1.2	100		BASALT - med gn, chorty. very hard (silicified) strong magn.	B											
39.65	40.5	.9	100						brecciated: slightly lighter green clasts in dark, veiny dominated matrix. py on fc's.								
40.5	41.5	1.0	100														
41.5	43.0	1.5	100														
43.0	43.7	.6	72	chips	qz non-magn. breccia zones moderate magn.				sugary white to pale green qz alteration with chl, clots of py. interspersed strong breccia zones: light matrix, distinct clasts. py								
43.7	45.5	1.9	100						disseminated, in stringers								
45.5	46.4	.9	100						massive basalt cut by 10 cm breccia-vein zones @ 40-60° py veins cut breccia	8923	44.0	44.35	92	7	32	.2	.005
46.4	47.3	.8	89	chips	moderate-strong magnetic				brecciated - strong planar fabric @ 50° - qz veins follow fabric. Also qz-py-cp pods.	8924	46.7	47.3	85	10	34	.1	.005
47.3	49.1	1.4	78						qz-powdery + disseminated pyrite qz. cut by later py veins								
					Fault 75° - slickensides @ 70° to core axis				white breccia-vein zones cut by perpendicular quartz veinlets.								
49.1	50.4	1.2	93						breccia texture poorly developed								
50.4	51.3	.9	100	chips	Fault 75° slickensides @ 15°/to core axis 70°				py veins scattered. most are steep								
51.3	54.3	3.0	100		rusty qz on shear surface moderate-strong magn.				Mottled breccia texture. Clasts light relative to matrix. Py blobs, individual grains in matrix. Cross-cutting py veins. qz-py veins - bleached selvages								
54.3	55.8	1.3	87	chips					tr. cp in py blobs Area of qz with gn chl stringers py on fractures	8925	54.3	55.5	75	7	38	.1	.005

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DRILL CORE LOG.

Company Lynar Mines Ltd. Property "Copper Cliff" Scale 1cm = 2m (1:200) Hole No. 2

Started -	Bearing - 105°	Lat.-	Collar El. - 1122 m	Logged by: J. Nelson	Remarks: Alteration decreasing towards bottom of hole. Py less abundant than hanging wall. Ep nearly absent.
Completed -	Angle - 70°	Dep.-	Bottom El. 1006 m	Size of core: 4.9 cm	
Driller - Interior	Length 66.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu	Pb	Zn	Ag	tu
55.8	57.4	1.6	100		Basalt - dk gn fine grained except alteration as shown.			py	breccia texture less pronounced. Py veins thinner, sparser								
57.4	58.2	.8	100					py									
58.2	59.5	1.3	100	3 chips	Hard - silicified			py qz	breccia texture absent or very poorly developed, only in scattered short sections.	8926	58.6	59.15	@ .91	7	34	.1	.005
59.5	60.5	.9	90					qz	"qz" = thick sugary vein cut by py stringers, rare epidote.								
60.5	61.6	1.1	100	3 chips	moderate to strong magnetic				zone of prominent criss crossing py veins - fill two fracture sets simultaneously								
61.6	62.6	1.0	100					py									
62.6	64.4	1.4	78	3 chips				py	py on fc surfaces throughout.	8927	63.9	64.4	@ .52	8	35	.1	.005
64.4	65.0	.5	85	2 chips					3 sugary qz alteration. crumbly. Light green - chl ?								
65.0	66.3	1.3	100						py - chl on fractures. py continuous in patchy								
					T.D. 66.3 m												

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DRILL CORE LOG.

1 cm = 1 m

Company Dinar Resources Property Copper Cliff Scale 1:100 Hole No. T-80

Started -	Bearing - 030	Lat. -	Collar El. -	Logged by: J. Nelson	Remarks:
Completed -	Angle - -70	Dep. -	Bottom El.	Size of core:	
Driller -	Length 79.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays
0	7.67	6.1			Altered basalt, vaguely mottled texture				abundant fine dark act veinlets also parallel segregations (15°) - up to 1 cm across.				
					breccia, mod. magnetic				py veinlets 60, 25° py-act veins most py veinlets very thin				
					Basalt breccia. Irregular subrounded fragments 2-3 cm Dark in light matrix; also finer grained foliated breccia Fol @ 15°		15°		py-ep patches in breccia fragments (some frags completely altered to ep-py) py veins				
					Dike? - basalt with plagioclase phenocrysts Altered, mottled basalt.				py veint @2. .5 cm py veins, clots				
					blobby breccia Altered, mottled basalt				several sets intersecting py veins, some with actinolite selvages				
							45°		5 cm py vein. growth perpendicular to margin. + act, silicification. pyrite veinlets silic. selvages				
					mottled, highly fractured breccia				fine py veinlets - Py on fc few py - qz veinlets				
					Altered basalt. Finely mottled - dark spots Breccia patches				py-qz veins with ep patches				
7.67	13.32	6.1											
					Strongly brecciated basalt. Coarse (5 cm) to fine (1 mm) bleached rounded to subrounded fragments in dark matrix				Fragments epidotized, bleached. network py veinlets. po blobs				
					less distinct breccia, sparse matrix strong magn.				py-ep veins cut po. py veins - bleached selvages Small po blobs				
					transitional contact to distinct breccia - more matrix, greater contrast in alteration of clasts and matrix				steep py-ep veins py-ep blob 7 cm diameter				
					breccia, light matrix. Fol 10°	SAS	10°						

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DRILL CORE LOG.

1 cm = 1 m

Company Dunar Res. Property Copper Cliff Scale 1: 100 Hole No. 4

Started -	Bearing - 030	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - -70	Dep.-	Bottom El.	Size of core:	
Driller -	Length 79.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
13.32	19.12	6.1			indistinct breccia - both matrix and fragments dark				py on fractures 5 cm py-ep-act-vein. 60° qz								
									py on fractures								
					mod. magn. Fol. 15°		15°	qz	quartz vein @ 10° - transverse act? fracture veinlets.								
									py veinlets comparitively sparse								
					strong magn.			qz	qz vein 4 cm. 25°								
							15°		py veins 55°								
19.12	25.35	6.1			zone of prominent ep-qz segregations along breccia foliation 15-20°				py veins, patches abundant (3%)								
					basalt breccia. light matrix - no consistent fabric (foliation erratic)				py veinlets, fe coatings, qz veins								
					basalt breccia, distinct fabric @ 15-20° - prominent epidote				prominent epidote-qz foliation parallel veins - euhedral crystals / ruggy ruggy - 5-10 cm								
					strong magn. weak in places				ep-py patches - ep veins include py clumps. qz-ep-py ruggy veins								
									shear zone cut by qz, py veins								
					breccia with no epidote. clasts less than 1 cm. Most matrix darker than clasts (act?) Spradic foliation @ 20-25°				transitional alteration contact. Sheared, ep crystals in ruggy veins. sparser downwards. act matrix = py spots								
25.35	31.2	6.1			strong magn.					87-92 (2636 - 27.88 m)			.01	.01	.04	.04	.001
					chips qz shear zone abundant py												

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DRILL CORE LOG.

1cm = 1m

Company Denar Res. Property Copper Cliff Scale 1:100 Hole No. 4

Started -	Bearing - 030	Lat. -	Collar El. -	Logged by: J. Nelson
Completed -	Angle - -70	Dep. -	Bottom El.	Size of core:
Driller -	Length 79.3 m	Location -	Level -	Survey data:

Remarks:

Interval From	Interval To	Recovery M.	Recovery %	Core \ S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays
28					breccia - dark fragments, light matrix				70° py-ep veins cut by same at 25°				
29					strong magn. except py-ep zone				criss-crossing py veins. ~ strong patchy ep-py				
30					basalt - highly fractured, not brecciated				~ strong patchy ep-py				
31					indistinct breccia - small clast / matrix alteration contrast. weak magn.				qz-ep-py vein 10 cm. criss-crossing ep veinlets				
32	31.2	56.9	6.1						py veins. light, fine bands qz vein				
33									py veins, fracture coatings abundant mottled quartz alteration				
34									py-ep veins with in fine white (silicified?) bands py vein py veins @ 45°				
35					breccia - foliated, distinct white banded matrix				py-ep veins steep, also 10° qz vein 10 cm. with py patches fine white bands parallel. 150°				
36					basalt - highly fr, in part brecciated				patchy py-ep vein. pyrite veinlets act selvages				
37	36.9	42.4	6.1		breccia - light, foliated matrix fol @ 15°				thick py-ep veins (3-10 cm) concentration of white to gray 60° qz gash veins				
38					basalt. highly fractured breccia				py-ep-act-qz patches - veins, radiate from ep-py patches, surrounded by bleaching				
39					basalt - highly fractured, almost breccia strained magn. except qz-ep				qz vein margins vague. ep ± lobs qz vein " " " ep "				
40					breccia - indistinct to distinct, downwards. Fine white bands in matrix.				py on fe. ep veinlets. silicification, quartz alteration very strong - qz-ep veins				
41					breccia - indistinct (small zones distinct). white bands in matrix				½ strong contact unsilicified. ep veins 70°				
42					switled breccia dark matrix				silicification strong. qz-ep veining, veins as breccia matrix unsilicified py-ep blots				

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DRILL CORE LOG.

Company Denar Res. Property Copper Cliff Scale 1 cm = 1 m 1:100 Hole No. 4

Started -	Bearing - 030	Lat.-	Collar El.-	Logged by:	Remarks:
Completed -	Angle - -70	Dep.-	Bottom El.	Size of core:	
Driller -	Length 79.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays
42					breccia - mostly light matrix. short sections indistinct. Most strongly foliated 10-15°								
42.4	48.2	6.1			some breccia appears milled: small rounded fragments in strongly foliated, abundant matrix				quartz alteration. spotty py, cp (clots) also py-cp on fc. py veins				
43					strong magn. except qz-cp zones			qz	quartz vein, parallels foliation lensy 3-5 cm				
44									quartz, irregular cp-py patches py veins. bleached selvages				
45									py veins + euhedral (?) stained qz alt quartz. Cut by qz veins.				
46									abundant py along fol in places. crosscutting veins py veins - minor cp py on fc (spotty)				
47									py-qz vein stnd lt blue qz vein green - Cu? parallel foliation				
48					highly fractured, where not foliated. Fractures at 80° foliation 15°		fc		quartz vein abundant py. (1cm). qz alteration of breccia. quartz veins replaces fragments.				
48.2	54.0	6.1			breccia - dark green relatively indistinct fol. 15°				qz cp-py (py 25% over 10 cm) py-qz-Cu? stain				
49					distinct breccia				py on fractures qz alteration veins - light streaks parallel, across foliation				
50					dark green relatively indistinct breccia				thick py-cp vein quartz - 7 cm: act blebs, cp laths epidote-py veins parallel foliation 30-50°				
51					distinct breccia strong except				py on fc qz vein 20 cm. + py-act blobs qz vein - fc at right angles filled with act strong quartz veining, qz alteration				
52					dark green relatively indistinct breccia qz				py on fractures				
53					distinct breccia				py veins ± cp				
54					dark green relatively indistinct breccia.				10 cm qz vein - py clots				
54.0	58.8	6.1							8 cm qz vein + cp, py				
55					breccia - white streamed matrix. foliation 15°, 20°, 25°				py on fc sparse cp.				
56													

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DRILL CORE LOG.

Company Denar Res. Property Copper Cliff Scale 1cm = 1m 1:100 Hole No. 4

Started -	Bearing - 030	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - -70°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 79.3m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays
					breccia - somewhat indistinct. strong mod magn. except qz				py spots, patches qz vein qz vein py spotty on fractures, most 70° a few 30° cp in patches py veinlets sparse				
58.8	65.0	6.1			basalt dark green, relatively unfractured				py in veinlets, m fe. trace cp.				
					breccia partially well-foliated 10-25° strong magn.				quartz veins. trace cp very fine foliated matrix - abundant py veins no cp				
					quartz alteration non-magn.				py blebs, veinlets in sugary quartz no cp.				
65.0	TD.5				~~transitional contact~~ breccia, abundant quartz veins in upper part. foliation @ 10-20°				qz vein in vert fc qz vein in vert fc qz vein. 20 cm qz vein - cp patches - coarse py. py veins 20 cm py-mt-cp-qz vein				
					basalt relatively unaltered. strong mod magn				py veinlets @ 60° - cut fine qz veinlets				

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DRILL CORE LOG.

Company Dener Res. Property Copper Cliff Scale Hole No. 4

Started -	Bearing - 030	Lat. -	Collar El. -	Logged by:	Remarks:
Completed -	Angle - -70	Dep. -	Bottom El.	Size of core:	
Driller -	Length 79.3 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays
70													
70.5	76.8	6.1	100		Basalt. dark green. relatively unaltered, unfoliated.			M	py vein 80°				
									py veins, fracture coatings + light green chl.				
									py-qz veinlets				
									most py veins stup-late fractures?				
									no cp.				
									quartz vein - alteration. 10 cm. light green edges.				
76.8	79.3	2.5	100						sparse py veinlets				
									patchy py				
									near-horizontal qz vein. 1 cm				
									Patchy py.				
					TD = 79.3 m								
80													

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DRILL CORE LOG.

Company Denar Resources Ltd. Property Earl Showings Scale 1 cm = 1 m / 1 : 100 Hole No. DDH-5-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed - 13 Sept. 1980	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 316 ft =	Location -	Level -	Survey data: 74 m @ 253° from collar DDH-8-61, 41.5 m vert	

Interval From	Interval To	Recovery M.	Recovery %	Core	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/T	Au oz/T
0	14.83	0	0		overburden												
					overburden												
14.83	20.6				basalt. dark green, fine-grained, except where altered / silicified	B			py on fractures. blotchy grey-/ silicified								
					skarn? coarse grained quartz + sulfides	S		py	sp → 5% - variable; networks with po, minor cpy	51.3-51.4 ft	15.54	15.57	.03	.01	1.45	.17	.001
					basalt. dark green fine grained except where altered / silicified .. then texture mottled, grey, white, light green.	B		sp 1% po 1%	light, highly fractured, silicified. dark green dense, abundant po as veins, small equant spots.								
					skarn. coarse grained quartz, tremolite sprays + sulfides	S		sp 3%	disseminated, blebs with po.	59-60.4 ft.	17.9	18.3	.02	.03	1.02	.10	.001
					basalt. dark green fine grained except where altered / silicified	B			most is strongly silicified. fracture networks healed with quartz, po stringers, clumps								
								py	py on fractures. fine fracture networks - act.?	68-76.5	20.6	23.2	.01	.01	.04	.04	.001
20.6	26.4								small po blobs. Light green mottled texture, abundant quartz veinlets.								
										74.5-76.5 ft.	22.6	23.2	.01	.01	.23	.02	.001
									py-sp vein. .5 cm across. Near-vertical.								
						B			cut by qz vein.	82-86	24.85	26.06	.01	.01	.01	.01	.001
									py-sph vein (continued?) .5 cm near-vertical								
									cp blobs								
26.4	32.1								✓ strong quartz alteration alternates with dark green basalt. py stringers								
									act. patches - vuggy. po, tr. cpy blebs								

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DRILL CORE LOG.

1 cm = 1 m

Company Denax Property Earl Showings Scale 1:100 Hole No. DDH 5-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 316 ft	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/T	Au oz/T
					basalt - in part silicified		60°		parallel - laminated silicified zone with quartz, po.	92-97	27.9	29.4	.01	.01	.01	.01	.001
									qz vein - perpendicular fractures filled with act (?)								
					breccia - alteration not mechanical - mottled basalt				breccia-textured - light anastomosing matrix.								
									blobby qz vein 2 cm thick								
					breccia - alteration. Fairly indistinct fragments - rounded, irregular	B			breccia-textured - dark, anastomosing very fine veinlets.	97-101	29.4	30.6	.01	.01	.02	.01	.001
					silicified basalt - relatively coarse-grained quartz encloses light grey, sparse cherty fragments				po-py veins @ 70°	101-106	30.6	32.1	.01	.01	.02	.05	.001
					bas dark grey to black				abundant vuggy act patches								
									po-qz vein 3 cm thick @ 30°								
	32.1	37.4							po-act veins.	106-111	32.1	33.6	.02	.06	.04	.09	.001
					breccia - mottled - brown anastomosing matrix - fabric @ 20°	B	20°		qz-cp vein.								
									abundant po-act patches - some elongate parallel to foliation								
									quartz veins (columnar ?) + po greenish qz vein 5 cm thick + po veinlets	111-115	33.6	34.85	.02	.01	.17	.06	.001
									"wormy" pink-green mottling throughout abundant po patches, veins								
					increasing silicification.				45° qz-cp-sp. vein								
					skarn - fine grained silicified; coarse grained calcite + sulfides white	S			abundant blobby po, trace sp. sp. increases to 5%	115-119 ft			.03	.01	2.26	.09	.101
									5% sp - blebs intergrown with po. Coarse (2 mm grains)								
					silicified basalt - light grey	B			fine grained qz matrix. qz-po veins	119-124	36.06	37.6	.01	.01	.04	.01	.001
	37.4	43.3			silicified basalt - mottled grey, brown, green.				silicified, abundant qz-po veins streaky texture in places. short breccia intervals. irregular qz veins, fine grained act. euhedral cpy in veinlet - open space filling	124-132	37.6	40.0	.01	.01	.01	.01	.001
					breccia (alteration) skarn: coarse grained qz - cp patches. sulfides	S	15°		4% sp. 10% po blobby, parallel to contacts @ 15°	132-141 ft	40.0	42.7	.01	.01	.35	.02	.009
					breccia (alteration)							Ave.	.015	.01	.46	.03	.014
						B			streaky, blobby, lavender-grey-green cp patches; po blobs, veins qz veins - conjugate set @ 70° + po	132-141 ftA	40.0	42.7	.02	.01	.57	.04	.019

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DRILL CORE LOG.

Company Denar Property Earl Showings Scale 1cm = 1m 1:100 Hole No. DDH 5-80

Started -	Bearing -	Lat. -	Collar El. -	Logged by: J. Nelson	Remarks:
Completed -	Angle -	Dep. -	Bottom El.	Size of core:	
Driller -	Length 316ft =	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
41					breccia	B											
					sk. light colored, white fine grained, with coarser veins, patches sulfides. + brown ga, ep(?), wo(?)	S			30-50% coarse sp-po patchy veins. fine sp aggregates - disseminated. red mineral - hematite?								
42																	
					silicified basalt highly fractured, fractures healed (qz). strong alteration halos surround these + bleached	B			vertical po veins. coarse qz-act veins po-veinlets, patches	141-144	42.7	43.6	.01	.01	.04	.01	.002
43																	
	43.3	49.2			breccia streaky-textured: sk. very coarse, many well-formed minerals. ct, ep, sp. open, vuggy texture in places. dense buff ga (?)	S			sp 3% blebby po. small veinlets-patches ct, ep	146-148ft.	44.2	44.8	.02	.01	.41	.04	.014
44					breccia streaky-textured												
45					silicified light grey basalt, semi-breccia	B											
46									strong po development in veins 5cm qz vein + po, sp po veinlets, patches. qz veins cut by sulfides.								
47																	
48					highly fractured, cream to light grey fault gouge - clay with rock fragments silicified basalt - highly fractured, cream to light grey	Fault	40°		qz-filled fracture veinlets parallel fault plane. cherty qz in fractures parallel to fault								
49						B											
	49.2	54.8			skarn. ct, ep, light green mineral, mixed with white qz, grey breccia fragments.	S			3cm ct-po-sp vein - sp 10% - coarse								
50					breccia. mottled, streaky grey, cut by abundant light creamy fine grained qz	B			highly fractured. 80°. po-act in fractures. aspy vein 1cm quartz act alteration po as patches with act; veins. white qz vein								
51																	
52					sk. relatively fine grained. qz + ct-ep intergrowths (skeletal ct around ep), coarse ct patches. abundant ga - patchy fine grained act agg.	S			minor sp at selvage of qz vein po disem. sp. 2% disseminated								
53					breccia. streaky, mottled texture. grey, cream, rare pink.	B			po-act veins, clumps								
54					sk. qz, cc, sulfides, ga, dit(?)	A S			sp 2% po, sp as patchy aggregates	178-179 ft	53.9	54.2	.02	.01	1.17	.02	.015
55					breccia. streaky, mottled texture green, creamy, pink.	B			po blobs.								

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DRILL CORE LOG.

1cm = 1 m

Company Denar Property Earl Showings Scale 1 : 100 Hole No. DDH 5-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle -	Dep.-	Bottom El.	Size of core:	
Driller -	Length 316ft =	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
54.8	61.1				basalt. semi brecciated. + qz - alteration, veins silicified	B			perv. py po po veinlet networks small patch ep + po qz alteration. large, dense veins								
									highly fractured - cherty quartz vein - po selvages 1 cm								
					breccia. strong coarse grained quartz alteration - sugary + mottled texture				qz vein. 5 cm. po selvages. 85° qz vein - perpendicular 15° ep patches. po veinlets fine grained green act (?) po blobs disseminated								
					basalt. partly highly silicified, the rest highly fractured.				thick qz veins po veinlets, veins small ep. patches								
61.1	67.3					B			highly fractured abundant act - po veins/segregations veins @ 75, 80° less highly fractured. veinlets - bleached, light green selvages								
					silicified zone - white quartz, ep, po												
					silizified basalt. highly fractured.				2 cm qz, pink cc vein @ 45° po veinlets act veinlets								
									qz veins - cut by others								
					silicified zone. qz alteration has obscured original basalt almost totally garnet skarn												
									sp vein in qz + trem. ? 60°	216-218 ft	65.5	66.3	.01	.01	.31	.04	.008
						B			strong po - patchy. 1% sp, tr epy ep in qz	223-224.7 ft	67.6	68.0	.01	.01	.17	.01	.001
67.3	72.5				basalt. Dark green, very fine grained				po dissem. strep veinlets (75°) act. patches								

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DRILL CORE LOG.

Company Denax Property East Shewing Scale 1cm = 1m 1:100 Hole No. DDH 5-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Hutson	Remarks:
Completed -	Angle -	Dep.-	Bottom El.	Size of core:	
Driller -	Length 316 ft.	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
69									3 cm patchy po - trace sp.	230-233 ft							
70					mild brecciation, streaky texture in places	B			extensive qz veining with po. patchy po + 10% sp in qz. po-act-ep patches				.01	.01	.03	.02	.001
71					white qz alteration; white fine grained qd + py dike @ 20°												
72					basalt - mottled with qz alteration		qd		py - po on feature surfaces								
73						B			po - patchy, in veins. irregular qz alteration veins; act - po patches								
74									> 20 cm qz vein - po on fractures								
75					basalt. dark green fine grained relatively unaltered. lightly fractured												
76						B			po-py clump. brown to green (bleached selvages) coarse qz-plag-act-ep-po segregations								
77					biotite noted - in small stringers; oriented places. @ 25° to core axis		25°		mottled texture in places. act segregations - fine, coarse. patchy act. segregations. ep less common								
78																	
79					silicified zone. sugary quartz veins, grey chert alteration												
80									patchy act segregations abundant some veins. po in veins, veinlets								
81						B											
82									qz vein with bright green ep, py								
83					calcareous siltstone? laminated at 10° to core axis. light grey stain. coarse		SYS		py veinlets	275-279 ft	83.3	84.5	.02	.01	.47	.02	.001
						S			qz-di = qz-sp (10%) - cpy (tr)								

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DRILL CORE LOG.

Company Denar Property Earl Showings Scale 1cm = 1m 1:100 Hole No. DDH-5-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle -	Dep.-	Bottom El.	Size of core:	
Driller -	Length 316ft = 96.8m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/As	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M
					~~ga-ft-ep-qz trace sp sulfides~~ silkstone? Light grey chalky very fine grained laminated	S		
83.5	89.5				skarn. ga-dit interstitial qz.	S/S	/S	
					~~medium grained~~ aplite dike qz-plag-ep - ~~irregular~~ silicified	Ap		
					basalt, altered. Alternating dark brown margins fine grained (tbi?) - coarse act-qz segregations.	B		
					sketchy laminations ∠ 30°		30°	
					brown streaks, quartz segregations			
					epidote alteration tga (semi-skarn) laminated at base.			
					mottled, somewhat laminated silicic alteration. ga in pockets with qz segregations			
					basalt. Abundant act-qz alteration laminae ∠ 40°		40°	
89.5	95.5					B		
					quartz diorite even grained, not porphyritic. grains medium; anhedral to subhedral (plagioclase) (uneven, blotchy texture at top due to alteration)	Qd		
95.5	96.8							
					T.D. 96.8 m			

Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
po, .5% cpy - patchy, disseminated. sp .5% in ~~near~~ vertical veinlets								
qz veins + po, sp. sp < .5% subhedral grains, veinlets in qz veins								
relatively sulfide-poor. sparse po veinlets. cp in small patches								
	287-290ft	87.0	87.9	.01	.01	.22	.01	.001
patchy cp in qz + po, sp. (sp patchy, dissem - 20% overall)	290-292ft	87.9	88.5	.01	.01	.07	.02	.013
patchy po; in veins.								
po patches, veins								
sp patchy, coarse with po, ct. 2%								
bi (coarse) in patches. - pegmatitic?								
qz veins - chl alteration strong. fuzzy margins feldspar chalky, white (sericitized) biotite remaining while hornblende altered to chlorite								
a few po veins								
less altered downwards								

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DRILL CORE LOG.

Company Denar Mines Property Earl Showings Scale 1cm = 1m 1:100 Hole No. DDH-6-80

Started -	Bearing -	Lot.-	Collar El.-	Logged by: Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core: NQ	
Driller -	Length 90.0 m	Location -	Level -	Survey data: 210° - 106 ft from DDH-5	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology S = Structure M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
0	7.56				overburden												
					overburden												
7.56	13.63				basalt - silicified. dense fine grained, regular texture	B			py-po veins								
					coarse grained marble. + diopside? white. irregular contacts with basalt	ma			abundant disseminated py								
					marble				tr. sp. near basalt	28-32	8.5	9.7	.01	.01	.07	.07	.001
					basalt. dense fine grained regular texture. purple to green. much is silicified	B			abundant disseminations of py. tr cpy								
									po veins not abundant	32-36	9.7	10.9	.01	.01	.01	.02	.001
									qz-act-po clots elongated, spindly								
									po fracture veinlets	36-40	10.9	12.1	.01	.01	.01	.02	.001
									cp-po fracture veinlets								
					light green to white cherty dike (?) sheared contacts with basalt @ 45°					40-45	12.1	13.6	.01	.01	.02	.01	.001
					basalt - fine grained, silicified. marble ep, di, py, sp	B			po fracture veinlets abundant locally	45-49	13.6	14.9	.01	.01	.15	.01	.009
13.63	19.1					ma			sp concentrates on marble-basalt contact in fine grained epidote-rich rock (tr. sp)								
					basalt	B			py fracture veinlets	49-54	14.9	16.4	.01	.01	.03	.01	.004
					marble. coarse. +ep, ga cut by coarse ct-py veins	ma			tr. sp (a few grains) clear quartz veins near edge								
					basalt fine grained. purple-green	B			py fracture veinlets								
					marble. impure. irregular fine grained ga. surrounded by ep blobs coarse ct-po patches with fine grained ep	ma			no visible sp	54-59	16.4	17.9	.01	.01	.01	.01	.001
					basalt	B			slightly mottled. bleached spots with ep, po. po patchy	59-63	17.9	19.1	.01	.01	.01	.01	.001
					skarn. fine grained ep-ga, cut by coarse ct-ep-py veins	S			po. veins near contact po patchy								
					basalt												

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DRILL CORE LOG.

1cm = 1m

Company Lenar Mines Property Earl - Showings Scale 1:100 Hole No. DDH 6-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: T. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 90.0m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
19.1	25.6				basalt dark green fine grained	B			chl ? on fractures - very dark green.	63-68	19.1	20.6	.01	.01	.01	.05	.001
										68-73	20.6	22.1	.01	.01	.01	.01	.001
					chips				py, po on fractures moist steep locally abundant								
					fault zone highly fractured chl-chalky clay (?)	Fz											
					skarn fine grained ga, ep	S			a few veins ct-ep (coarse)	73-78	22.1	23.6	.01	.01	.01	.04	.001
					basalt mottled purple-green	B											
					skarn fine grained, mottled, silicified texture ga/ep/t coarse py	S											
					basalt silicified light grey green					78-83	23.6	25.1	.01	.01	.01	.02	.001
						B			py fracture veinlets								
										83-88	25.1	26.7	.01	.01	.01	.01	.001
									white, sugary quartz alteration. light grey mottled texture also								
25.6	31.5				basalt darker green downwards				abundant py fracture veinlets	88-93	26.7	28.2	.01	.01	.01	.01	.001
									some py fracture veinlets								
					chips					93-98	28.2	29.7	.01	.01	.01	.02	.001
					chips	B											
					chips					98-102	29.7	30.9	.01	.01	.01	.01	.001
					basalt dark green fine grained												
										102-106	30.9	32.1	.01	.01	.01	.01	.001
31.5	36.8								parts silicified + ep, py veins								
									py fracture veinlets	106-111	32.1	33.6	.01	.01	.01	.01	.001

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DRILL CORE LOG.

1 cm = 1 m

Company Denar Mines Ltd Property Earl Showings Scale 1 : 100 Hole No. DDH 6-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 90.0 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology S = Structure M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
					basalt	B			parts silicified - mottled grey texture.								
									py fracture veinlets	111-116	33.6	35.1	.01	.01	.01	.01	.001
									qz veins + py								
					chips				py fracture veinlets.	116-121	35.1	36.7	.01	.01	.01	.01	.001
					basalt, very dark green					121-126	36.7	38.2	.01	.01	.01	.01	.001
36.8	42.4								patchy qz - act(?) - py								
					strong magnetic				very sparse qz - act(?) py	126-130	38.2	39.4	.01	.01	.01	.01	.001
									py fracture veinlets								
						B			qz - radiating act + py	130-136	39.4	41.2	.01	.01	.01	.01	.001
									py fracture veinlets								
										136-141	41.2	42.7	.01	.01	.01	.01	.001
					quartz - light grey chert - act-ep (uneven textured (spotty silicification)				py veins - po patches								
42.4	46.5					silic				141-146	42.7	44.2	.01	tr	.06	.01	.001
									po patch								
									qz vein - ruggy - on fault ?								
					grades downward into finer mottled highly silicified basalt - light grey to light green. Part is streaky (30° to core axis)				FD 30°								
						B				146-148	44.2	44.8	.01	tr	.10	.02	.003
									po veins	148-156	44.8	47.3	.01	tr	.01	.01	.001
					quartz vein - dark coatings on fractures.	Qz			py disseminated, in veinlets								
					weak magn. (po stringers)												

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DRILL CORE LOG.

Company Denar Mines Property Tart Showings Scale 1cm = 1m / 1:100 Hole No. DDH 6-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core: NQ	
Driller -	Length 90.0 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	SI/Core	Description of Unit (L = Lithology S = Structure M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
					qz vein	QZ											
					basalt dark to light green, silicified				vy fe veinlets	156-159	47.3	48.2	.01	tr	.01	.01	.001
					somewhat streaky @ 25°	B			increasing alteration downwards blebs, veins, patches light green silicification.	159-164	48.2	49.7	.01	tr	.01	.01	.001
48.5	53.9																
					silicified basalt - skarn patches (di, ep) very heavy rock				tr sp po vein 1 cm po patches	164-167.5	49.7	50.8	.01	tr.	.11	.01	.004
					marble white - light grey, relatively pure spots di ? ; pink ga ? a few brown ga bands	Mc			none	167.5-172	50.8	52.1	.01	tr	.04	.01	.001
									tr sp	172-179	52.1	54.2	.01	tr	.09	.01	.001
					brecciated powdery grey fragments of matrix skarn - ep - silicification - ga streaks @ 25-30°	S			ep, po, yellow sp spots near contact								
					mixed fine grained lavender silicified basalt, skarn, marble				skarn as veins - coarse ep - ct - brown ga								
53.9	59.7					B			few spots sp.	179-183	54.2	55.4	.01	tr	.04	.01	.006
					~~marble part pure, part fine grained fresh or well.~~		Mc		few grains sp.	183-187	55.4	56.7	.01	tr	.06	.02	.011
					marble mixed fine grained basalt, skarn	B			ct - po veins	187-192	56.7	58.2	.01	tr	.10	.06	.001
					fault zone ? very soft, friable, green - grey rock abundant vuggy euhedral ct (60°)	Fz											
					mixed fine grained grey silicified basalt, skarn pods, veins - large poikilitic ct brown ga (massive)	B+S			po blobs								
					dense skarn marble		Mc		ct veins + po near top	192-197	58.2	59.7	.01	.01	.09	.01	.001
					dark grey relatively even - textured basalt	B			po veinlets.								
59.7	65.1									197-200	59.7	60.6	.01	tr	.01	.02	.001
					fine grained quartz	Qz											

5-4-7

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DRILL CORE LOG.

1cm = 1m

Company Denar Mines Property Bart - Showings Scale 1:100 Hole No. DDH 6-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core: NQ	
Driller -	Length 90.0 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
					fine-sugar sived qz green veinlets, disseminations	Qz			trace disseminated py	201-207	60.6	62.7	.01	.20	.56	1.01	.001
					highly fractured zone - chips, dull green basalt (chlorite - altered ?)	B Fz?											
					marble, variable grain size												
					pegmatite: coarse qz-fp, some euhedral		py		abundant py blobs	207-211	62.7	63.9	.01	.01	.08	.38	.001
					skarn, buff, fine grained	S			coarse ct - po patches								
					basalt dark grey homogeneous texture	B			very little chl. on fractures	211-215	63.9	65.1	.01	.01	.05	.04	.001
					skarn, dark, coarse grained, qz, ct, ep,	S			po blebs								
	65.1	70.8			finer towards bottom, ep dominant	S											
					purple basalt, green bleached veinlets	B			qz vein cut by py-chl (?) veinlets	215-220	65.1	66.7	.01	.01	.02	.01	.002
					basalt, highly fractured, green chl. in fractures	B			pink rhodochrosite vein cuts py, results								
					skarn, fine grained ep. dominant coarse ct, po patches - blobs	S			po veins	220-227	66.7	68.8	.01	tr	.01	.01	.001
					fine grained silicified skarn, abundant sugary qz veins				qz vein po on fractures								
									qz vein	227-233	68.8	70.6	.01	tr	.01	.01	.001
							S		qz vein								
									qz vein, green stain - chlorite ? disseminated py, fragments country rock near bottom								
					coarse qz - euhedral - vuggy; ct				po patches								
	70.8	76.4															
					brown basalt, bleached chl (?) veinlets	B				233-238	70.6	72.1	.01	tr	.01	.01	.001
					relatively homogeneous texture, not silicified. weak magn				fine po veinlets, fractures chlorite veinlets	238-243	72.1	73.6	.01	tr	.01	.01	.001
									coarse euhedral chl. in veinlets sparse ep. patches	243-247	73.6	74.8	.01	tr	.01	.01	.001
									a few qz veins								

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DRILL CORE LOG.

1cm = 1m

Company Dewar Mines Property Earl Showings Scale 1:100 Hole No. DDH 6-80

Started -	Bearing -	Lat. -	Collar El. -	Logged by: J. Nelson	Remarks:
Completed -	Angle -	Dep. -	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
					basalt brown - dark green very faintly mottled unsilicified, except sugary quartz zones as indicated →				coarse chl. veinlets	247-252	74.8	76.4	.01	tr	.01	.01	.001
76.4	82.1					B			> qz + abundant po in vein po on fractures > qz + grey po veinlets on fractures								
										252-257	76.4	77.9	.01	tr	.01	.01	.002
									qz-po vein								
										257-262	77.9	79.4	.01	tr	.01	.01	.001
										262-267	79.4	80.9	.01	tr	.01	.01	.089
									> qz-po vein, fine cp patches > qz-po-large ct vein								
									> qz-ct-po, tr sp vein 50° chl on fractures	267-271	80.9	82.1	.02	tr	.01	.01	.025
									> masses, irregular veins - qz, cut basalt - cut by po veinlets								
82.1	87.8				silicified basalt grey to pink - very hard				abundant qz-po-act(?) veins near skarn	271-276	82.1	83.6	.01	tr	.01	.01	.004
					skarn: ga-qz, po, cp grades down into silicified zone + cp, po	S												
					skarn: fine grained ga blobs. mostly green	S			chl on fractures								
					silicified zone, mostly sugary quartz	B				276-280	83.6	84.8	.01	tr	.01	.01	.002
					skarn: variable. ga in large, sparse blobs; ct-po -qz-cp + minor bi. silicified parts	S			abundant py, disseminated, in veinlets								
					?chips basalt. brown, green. most silicified > small garnet skarn	B			po veinlets qz-po veins	280-285	84.8	86.4	.01	tr	.01	.01	.001
										285-289	86.4	87.6	.01	.01	.03	.01	009
					chips skarn - coarse ct-py-euhedral qz-coarse chl masses.	S			po patches								
87.8	90.0				Also coarse highly poikilitic ct (+di?) scattered ga, po												
					basalt - abundant sugary quartz - anastomosing veins	B			po on fractures	289-296	87.6	89.7	.01	tr	.01	.01	.001
					ct + euhedral qz + py												

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DRILL CORE LOG.

1cm = 1m

Company Denar Mines Property Earl Showings Scale 1:100 Hole No. DDH 7-80

Started -	Bearing -	Lat. -	Collar El. -	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep. -	Bottom El.	Size of core: NQ	
Driller -	Length 74.9 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
0	9.4				overburden												
9					overburden												
9.4	15.15				basalt. highly silicified, altered. many textures, secondary	B			po-py-sp-ct vein @ 5°	31-36	9.4	10.9	.02	.01	.38	.01	.001
									qz vein @ 38								
									qz vein @ 5°								
									ga vein @ 20								
					grey-light green swirled silicified zone				qz vein, py flecks - po, sp clumps adjacent sp, po blobs								
					skarn. ep-ct-po-minor sp-ga-py (minor)	S			cut by thin qz veins @ 5° light green swirled silicified zone	36-41	10.9	12.4	.02	.01	.42	.01	.001
					basalt. dark grey silicified, altered	B				41-46	12.4	13.9	.01	.01	.24	.01	.005
					skarn. coarse grained. ep-qz-ga-di-po minor sp	S											
					silicified zone. lavender green in basalt? swirled, highly veined texture.				ep blobs. spotty ga-ep-po veins po + ct	46-51	13.9	15.5	.01	.01	.54	.01	.002
15.15	20.9				dark green to black. faintly mottled (fracture-controlled) texture.	B			po vein @ 70°	51-56	15.5	17.0	.01	.01	.01	.01	.001
									po vein - banded light green with qz								
										56-60	17.0	18.2	.01	.01	.01	.01	.001
									qz vein + po in fracture	60-65	18.0	19.7	.01	.01	.01	.01	.001
									light green bleached veins in dark matrix. highly qz-veined section - fuzzy selvages, po clots								
									strong, nearly horizontal dark grey banding								
					mottled small "birdseye" appearance highly silicified				dark green. po veins	65-70	19.7	21.2	.01	.01	.01	.01	.001
20.9	27.0				skarn. dark. large ga clumps + qz-di(?) most either fine grained or very dense (eg ga patches).	S			rhodochrosite vein @ 5°	70-76	21.2	23.0	.01	.01	.05	.01	.009
					ep, ct, po, sp, qz. varied %'s, texture				pink gal?) vein								
									ep veins + po spots								

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DRILL CORE LOG.

Company: Denar Mines
Property: Earl Showings
Scale: 1:100 (1 cm = 1 m)
Hole No.: DDH 7-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle -	Dep.-	Bottom El.	Size of core: NQ	
Driller -	Length	Location -	Level -	Survey data:	

L = Lithology, S = Structure, M = Mineralization

Depth (m)	Interval From	Interval To	Recovery M.	Recovery %	Core∠S	Description of Unit	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
22						skarn - variable				dense ga · po - ct veins								
23							S			qz (sugary) seamed by ga tr. sp; dense/brown ga, ct, patchy po; coarse pure ct vein + coarse sp. @ 50°; 3% sp on this interval · coarse patchy; dark ga skarn + 1% sp + di - ct - po with abundant fine grained euhedral ct; po patches	76-79	23.0	23.9	.05	.01	2.04	.08	.320
24										fine grained skarn; very coarse ct vein; ct - po - sp vein	79-84	23.9	25.5	.02	.01	1.12	.01	.042
25										fine grained skarn; vein - sp selvages · qz - po - brown mineral?; coarse skarn - sp patches; fine grained skarn	84-89	25.5	27.0	.03	.04	1.29	.16	.060
26						fine grained skarn												
27	27.0	32.3				brown basalt; silicified green basalt				qz veins · highly irregular trends · sugary patches · py, disseminated, veinlets; po, py on fractures	89-94	27.0	28.5	.02	.01	.04	.01	.001
28							B			qz vein @ 10°								
29										qz vein · 7 cm. + disseminated py, cp	94-99	28.5	30.0	.01	.01	.02	.01	.001
30						highly fractured				po on fractures	99-104	30.0	31.5	.02	.01	.22	.01	.465
31						fault zone @ 70°; slicks @ 2-5° to dip line	Fz			aspy - sp - po - cpy (tr) vein + ct → 2 mm grains @ 60° ∥ fault.	104-107	31.5	32.4	.02	.01	.16	.01	.040
32	32.3	38.4				silicified green basalt; abundant evidence of shearing; chl coated may cut arsenopyrite vein				vuggy qz vein + blobby po; chl, cpy; silicified zone + po veins								
33						chl-coated fractures @ 25°				sparse py · qz veins on shears	107-112	32.4	33.9	.02	.01	.10	.05	.299
34											112-117	33.9	35.5	.02	.01	.02	.01	.001
35						chlorite-coated shear @ 45°; slicks @ 60° to dip line	B											
36						qz - py vein fills fractures, shears; chips												

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DRILL CORE LOG.

Company Dentar Mines Property Zart Showings Scale 1cm = 1m 1:100 Hole No. DDH 7-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
					highly fractured zone					117-121	35.5	36.7	.01	.01	.01	.01	.001
					milled chl-rich rock fault @ 45°, many parallel fractures	B Fz				121-125	36.7	37.9	.01	.01	.05	.01	.001
38.4	43.5									125-130	37.9	39.4	.01	.01	.02	.01	.002
					~~silicified zone - white, sugary qz lamellar texture in part - top shows fabric @ 70°~~	silic			po, trace sp in x cutting steep qz veinlets								
					dark green mottled basalt.					130-135	39.4	40.9	.01	.01	.01	.01	.001
						B											
										135-139	40.9	42.1	.01	.01	.01	.01	.001
										139-143	42.1	43.3	.01	.01	.03	.01	.001
									- 2cm po vein @ 40°								
43.5	49.7				dark green to brown patchily-colored basalt. scattered qz zones.				fuzzy sp - patchy veinlike concentration @ 10°	143-148	43.3	44.8	.01	.01	.01	.01	.001
									qz veinlet @ 55°								
									qz vein zone - irregular sugary, swirled, po, py clumps								
						B			qz vein @ 30° 1cm @ 60° cut by qz-act-po vein	148-152	44.8	46.1	.01	.01	.01	.01	.001
									po vein 1 cm @ 5°								
									chl? vein - bleached selvages. 2 cm @ 70°	152-157	46.1	47.6	.01	.01	.01	.01	.001
									anastomosing sp vein @ 10°								
									qz vein zone, patchy py, po spots								
									qz vein + po - 1 cm	157-162	47.6	49.1	.01	.01	.01	.01	.001
									qz vein - 1 cm + po								
48.7	54.7																
									sp in qz vein	162-166	49.1	50.3	.02	.04	.42	.11	.004

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DRILL CORE LOG.

Company Denar Mines Ltd. Property Denar (Earl Showings) Scale 1cm = 1m 1:100 Hole No. 7-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology S = Structure M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
										166-171	50.3	51.8	.01	.01	.01	.01	.001
					basalt												
										171-176	51.8	53.3	.01	.01	.01	.01	.001
						B			qz veins	176-181	53.3	57.8	.02	.01	.03	.01	.048
					basalt - strongly mottled brown background, light green (actinolite-quartz?) patches with amoeboid shapes. no preferred fabric.												
54.7	60.4								fuzzy qz vein 4 cm @ 15°, cp patches inside.	181-185	57.8	56.1	.01	.01	.02	.01	.009
									qz vein - silicified, indistinct margins. Epidote throughout	185-189	56.1	57.3	.01	.01	.02	.01	.001
									qz fracture vein @ 60° garnet - blebby zone leads down to qz vein @ 25°. abundant po								
									po in lt green patches throughout	189-194	57.3	58.8	.01	.01	.01	.01	.001
						B			silicified zone cut by abundant step, sharp-edged qz-act (?) veins. tr p	194-199	58.8	60.3	.01	.01	.01	.01	.001
60.4	65.7								silicified zone. abundant sharp-edged, steep act-qz veins + po	199-204	60.3	61.8	.01	.01	.02	.01	.001
					skarn: dirty qz in silicified matrix.	S											
					basalt. chl on fractures	B											
										204-209	61.8	63.3	.01	.01	.10	.01	.001
					skarn. dark qz + dirty py patches. tr cp.												
						S			trace sp.	209-214	63.3	64.8	.01	.01	.04	.01	.001

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DRILL CORE LOG.

Company Dunar Mines Ltd Property Dunar (Earl Showings) Scale 1 cm = 1m 1:100 Hole No. 7-80

Started -	Bearing -	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 90°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
					Skarn	S				214-219	64.9	66.4	.01	.01	.03	.01	.001
					sugary qz (silicification zone)	Qz			po on fracture reinlets.								
					skarn (qz, cp)	S			trace sp in calcite patch								
65.7	71.8				basalt.	B			sugary qz veins	219-224	66.4	67.9	.01	.01	.01	.01	.001
									po clots scattered in qz veins								
									bleached selvages - qz-cp veins	224-229	67.9	69.4	.01	.01	.02	.02	.001
					as contact is approached small septa of hb-plag ("mini-pegmatites") are developed in basalt												
										229-234	69.4	70.9	.01	.01	.07	.01	.001
					diorite - chloritized medium grained equigranular.				chl on fractures								
					less altered downwards.	Di			area highly fractured.	234-239	70.9	72.4	.01	.01	.01	.01	.001
71.8	74.9				hornblende - plag - bi diorite.				py reinlets								
					scattered 1 cm plag phenocrysts				po veins.	239-244	72.4	73.9	.01	.01	.01	.01	.001
					TD 74.9 m (247 ft)												

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DRILL CORE LOG.

1cm = 1m

Company Denar Mines Ltd. Property Denar - Earl Showings Scale 1:100 Hole No. DDH 8-80

Started -	Bearing - 60°	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks: Same location as DDH 7, 9
Completed -	Angle - 65°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core \ S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
0	11.5				overburden												
11.5	17.4				broken rock basalt	B			qz veins	39-48	11.8	14.5	.01	.01	.20	.01	.002
					skarn - dense garnet. patches calcite basalt	S B			trace sp. po blobs								
					skarn. silicified, with epidote, garnet	S			sp in veins. po blobs	48-53	14.5	16.05	.02	.01	.31	.01	.014
					swirled basalt	B			po veins								
					skarn - epidote, calcite	S			po, sp. blobs sp. ~1%	53-58	16.05	17.6	.01	.01	.12	.02	.005
					basalt - silicified / skarn - dense garnet	B S			py, po veins								
17.4	23.4				basalt - silicified with thin skarn intervals	B			abundant py, po in fracture veinlets	58-63	17.6	19.1	.02	.01	.02	.01	.001
					> skarn (garnet)	+S			chl on fractures								
					> skarn (garnet)					63-68	19.1	20.6	.01	.01	.17	.01	.001
					> skarn (garnet)					68-73	20.6	22.1	.01	.01	.05	.01	.001
										73-77	22.1	23.3	.01	.01	.21	.01	.004
					skarn. dense garnet. epidote in patches	S			po clots. sp. 5% disseminated aggregates 2-5 mm								
23.4	29.2								sp vein .7 cm, vertical	77-82	23.3	24.8	.02	.01	.71	.01	.137

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DRILL CORE LOG.

1cm = 1m

Company Denar Mines Ltd. Property Earl Showings Scale 1:100 Hole No. DDH-8-80

Started -	Bearing - 60°	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 65°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton
					skarn - dense garnet basalt interval	S			abundant po veinlets								
										82-87	24.8	26.4	.01	.04	.12	.03	.004
					streaky silicified / diopside skarn - thin silicified basalt intervals	S			po patches trace sp. with qz bands @ 5°	87-92	26.4	27.9	.01	.02	.25	.01	.008
					silicified basalt				3cm ep-ct-sp patch	92-97	27.9	29.4	.11	.01	.21	.01	.011
					chips				thick sugary qz veins + po								
29.2	33.65				swirled texture	B			qz vein, 1 cm across cuts po veinlets - follows several fracture systems	97-101	29.4	30.6	.01	.01	.01	.01	.002
					dark, more homogeneous basalt				ct-po patches, very coarse - sampled backwards - skarn?								
									po in fracture veinlets	101-106	30.6	32.1	.01	.01	.01	.01	.001
					coarse brown basalt + biotite				5 cm qz vein @ 30°	106-111	32.1	33.6	.01	.01	.01	.01	.001
33.65	40.4				basalt. dark green to brown, relatively coarse with abundant biotite - contact metamorphic	B			thick sugary qz veins - many grade into matrix	111-116	33.6	35.1	.01	.01	.01	.01	.001
									po veins sparse - fracture veinlets abundant	116-119	35.1	36.0	.01	.01	.01	.01	.001
										119-124	36.0	37.6	.01	.01	.34	.01	.001
										124-128	37.6	38.8	.01	.01	.09	.01	.001

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DRILL CORE LOG.

Company Diener Mines Ltd. Property Earl Showings Scale 1 cm = 1m (1:100) Hole No. DDH-8-80

Started -	Bearing - 60°	Lat.-	Collar El.-	Logged by: J. Nelson	Remarks:
Completed -	Angle - 65°	Dep.-	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
					basalt - green to brown (biotite-rich) homogeneous, very fine grained												
										128-133	38.8	40.3	.01	.01	.01	.01	.001
						B											
					dark green basalt, homogeneous chl on fractures				sparse po fracture veinlets - visible mineralization much less than above	133-138	40.3	41.8	.01	.01	.01	.01	.001
40.4	46.1																
										138-142	41.8	43.0	.01	.01	.01	.01	.001
					- thin-laminated green fault zone? + py chips					142-147	43.0	44.5	.01	.01	.01	.01	.001
										147-151	44.5	45.8	.01	.01	.01	.01	.001
									ruggy qz vein - euhedral crystals								
46.1	51.7				dark green basalt					151-156	45.8	47.3	.01	.01	.01	.01	.001
						B			poorly mineralized								
									scattered po fracture veinlets; small actinolite segregations	156-161	47.3	48.8	.01	.01	.01	.01	.001
										161-166	48.8	50.3	.01	.01	.01	.01	.001
									~2 cm po vein @ 45°	166-171	50.3	51.8	.01	.01	.04	.02	.003
						B											
51.7	57.1				basalt - more variable texture, due to silicification					171-176	51.8	53.3	.02	.01	.05	.02	.001

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DRILL CORE LOG.

Company Denar Mines Ltd. Property Denar - Earl Showings Scale 1:100 1cm = 1m Hole No. DDH 8-80

Started -	Bearing - 60°	Lat. -	Collar El. -	Logged by: JLT	Remarks:
Completed -	Angle - 65°	Dep. -	Bottom El.	Size of core:	
Driller -	Length 65.5 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core Sizes	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
					basalt faint parallel fabric @ 5°				large po clots in qz matrix								
						B			ruggy quartz (euhedral) - ga - cp - po - sph. 10 cm vein. Manganese stains. large po clots in veins	176-181	53.3	54.8	.01	.01	.02	.01	.001
					highly fractured · silicified grey patches												
					dark green basalt					181-186	54.8	56.4	.11	.01	.01	.01	.001
					strongly silicified basalt - sugary qz mixed				po-cp · patchy, abundant	186-191	56.4	57.7	.02	.01	.37	.01	.006
57.1	63.01					B			shear @ 35° - qz. Cuts earlier qz veins. po abundant, trace cpy in qz veins.	191-195	57.7	59.1	.01	.01	.02	.01	.001
									coarse amphibole segregations - patchy	195-200	59.1	60.6	.01	.01	.02	.01	.001
					diorite. inhomogeneous, medium-grained fine grained septa. strongly chloritized				disseminated po	200-205	60.6	62.1	.01	.01	.01	.01	.001
						Di											
63.01	65.5																
					65.5 m - T.D.												

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DRILL CORE LOG.

1 : 100

Company Denar Mines Ltd. Property Denar Earl Showings Scale 1 cm = 1 m Hole No. DDH 9-80

Started -	Bearing - 240°	Lat. -	Collar El. -	Logged by:	Remarks:
Completed -	Angle - 65°	Dep. -	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core SI	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays (ppm) Cu	Pb	Zn	Ag	Au
0					overburden												
13																	
13·1	22·0				basalt.					43-48	13·0	14·5	134	9	307	·5	.005
14					very broken interval.												
15					most very dark green, lacks inhomogeneous textures of highly altered basalt	B			weakly mineralized	48-55	14·5	16·7	1351	19	1759	5·2	.010
									large po clots, abundant patches								
16																	
17									light green silicified q2 veins	55-60	16·7	18·2	200	3	75	.6	.015
18					abundant fractures.												
19							X			60-65	18·2	19·7	85	3	64	.5	.005
20							X		FROM ASSAY: FINELY DISSEM. SPHALERITE?	65-70	19·7	21·2	127	13	4187	.4	.510
21							X			70-75	21·2	22·7	160	15	330	.8	.070
22	22·0	27·25			continues very broken	B	X		fine py; chl on fractures								
23										75-80	22·7	24·2	128	10	190	1·5	.065
24																	
25					strong silicification, uneven texture transitional to skarn				yellow ct vein @ 60° — shear?	80-85	24·2	25·8	141	5	61	.4	.020
26					skarn - coarse grained, poly mineralic ct-q2-cp-sp-po-di	S			trace stibnite on fracture vein. Sp. 10%								

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DRILL CORE LOG.

Company Denar Mines Ltd Property Earl Showings Scale 1 cm = 1 m (1:100) Hole No. DDH 9-80

Started -	Bearing -	Lat. -	Collar El. -	Logged by: JLN	Remarks:
Completed -	Angle -	Dep. -	Bottom El.	Size of core:	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	Assays (ppm) Cu	Pb	Zn	Ag	Au
					skarn	S				85-90	25.8	27.3	69	79	134	.8	.085
					basalt. highly fractured. light green, grey silicified												
27.25	33.1				very highly fractured. Probable fault				fault breccia in qz matrix	90-95	27.3	28.8	122	3	3025	.4	.130
					silicified, streaky basalt. ep clots highly fractured	B											
					pink, grey streaks cut each other				ep-po-sp clots	95-100	28.8	30.3	65	3	1415	.4	.310
					strongly mottled, streaked grey, green chirty basalt.												
					streaks @ 60°				ga-ep-ct clots	100-105	30.3	31.8	53	9	332	.5	.050
						B			patchy po								
					streaks @ 40° garnet shows parallel development.					105-110	31.8	33.3	124	5	625	.2	.070
33.1	39.05									110-115	33.3	34.9	94	1	136	.3	.005
					skarn. fairly coarse. ga-ep-di	S			minor po. trace sp								
					basalt												
					dark green basalt	B				115-120	34.9	36.4	151	4	97	.3	.010
					mottled texture												
					streaky				- abundant chl veinlets cut qz alteration								
					green, brown basalt. green around fractures					120-125	36.4	37.9	118	3	86	.4	.010
					very silicified. po patches in fabric @ 60°					125-130	37.9	39.4	117	9	135	.5	.010
					skarn. ga-ep-di in silicified matrix	S			trace sp, ct. abundant ep - coated fractures								
					basalt. irregularly silicified. highly fractured, basted with po, chl, ct.	B				130-135	39.4	40.9	218	5	224	.4	.005

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DRILL CORE LOG.

Company Denar Mines Ltd. Property Denar - Earl Showings Scale 1 cm = 1 m (1:100) Hole No. DDH 9-80

Started -	Bearing - 240°	Lat. -	Collar El. -	Logged by: JLN	Remarks:
Completed -	Angle - 65°	Dep. -	Bottom El.	Size of core: (J)	
Driller -	Length	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/S	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	ppm Assays Cu	Pb	Zn	Ag	Au
					basalt - strong laminations @ 65°												
					strong fractures, sugary qz areas also cut by fractures ± re-healed. green mineral in fractures - chlorite?	B			po vein. 3 cm. qz in center. 20°	135-140	40.9	42.4	93	5	57	.4	.005
					blobby "breccia" texture light blobs 1-2 cm in dark matrix silicified basalt black/light green				po patches throughout thick qz veins nearly 90° to core	140-145	42.4	43.9	70	5	87	.4	.005
										145-150	43.9	45.5	301	18	499	.6	.045
44.95	51.1									150-155	45.5	47.0	117	7	396	.3	.005
					skarn ct-qz-py-di? + bladed act xuggy at top basalt. dark green. relatively homogeneous. highly fractured smoothed mottled	S			minor sp.	155-160	47.0	48.5	114	4	201	.3	.005
						B			thick qz veins with po stringers qz-cp veins white silicified area - streaky. whirls	160-165	48.5	50.0	120	22	305	.6	.005
					mottled, silicified basalt												
					quartz cut by cp veinlets. ct-filled fc @ 10°	Qz				165-170	50.0	51.5	103	3	82	.4	.005
					basalt												
51.1	56.5				broken - fault zone?	B			qz-cp-py veinlets (not common)	170-175	51.5	53.0	114	3	50	.6	.005
					basalt - dark green, homogeneous				chl, po hair-veinlets	175-185	53.0	56.1	116	2	34	.4	.005

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DRILL CORE LOG.

1:100

Company Dunar Mines Ltd. Property Dunar (Earl Showings) Scale 1 cm = 1 m Hole No. DDH 9-80

Started -	Bearing - 240°	Lat.-	Collar El.-	Logged by: JLN
Completed -	Angle - 65°	Dep.-	Bottom El.	Size of core:
Driller -	Length	Location -	Level -	Survey data:

Remarks:

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	ppm Assays Cu	Pb	Zn	Ag	Au
					dark green basalt	B			patchy and vein po								
					gr. greenish. (chl?) - abundant fractures healed with qz, po	Qz				185-190	56.1	57.6	94	2	31	.3	.005
56.5	62.5				basalt - uneven-textured, silicified.				thick qz veins								
						B			po patches								
									po-qz vein 2 cm @ 50°	190-195	57.6	59.1	77	3	160	.3	.005
					very light green-grey mottled, silicified — fault @ 15° chl. abundant on fractures												
					pink, mottled silicified basalt				distinct light green clots	195-200	59.1	60.6	120	3	37	.2	.005
									thick qz veins + cp, po								
					basalt darker, more even-textured towards bottom					200-205	60.6	62.1	93	1	31	.5	.005
										205-210	62.1	63.6	140	3	47	.5	.005
62.5	68.2				broken dark green basalt				beige, silicified shear @ 30°								
						B			+po, py veins								
									sp, cp blebs	210-215	63.6	65.2	82	1	49	.7	.005
					vague brown streaks @ 58°												
										215-220	65.2	66.7	91	1	37	.5	.005
									qz vein 10 cm - coarse, with cp								
										220-230	66.7	69.7	75	1	31	.4	.005
					broken				abundant po patches								
					highly fractured, healed - po - qz 2 symmetrical fracture sets @ 65°												

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DRILL CORE LOG.

Company Denar Mines Ltd. Property Denar (Earl Showings) Scale 1 cm = 1 m 1:100 Hole No. DDH 9-80

Started -	Bearing - 240°	Lat.-	Collar El.-	Logged by:	Remarks:
Completed -	Angle - 65°	Dep.-	Bottom El.	Size of core:	
Driller -	Length 79.9 m	Location -	Level -	Survey data:	

Interval From	Interval To	Recovery M.	Recovery %	Core/AS	Description of Unit (L = Lithology, S = Structure, M = Mineralization)	L	S	M	Description of Mineralization	Sample No.	Interval From	Interval To	ppm Assays Cu	Pb	Zn	Ag	Au
68																	
68.2	74.0				basalt. dark green, mottled.												
69						B			coarse grained qz veins with indistinct margins								
70					increasing silicification, banding				large cp, py clots + sp								
71										230-235	69.7	71.2	39	8	2045	.3	.120
					skarn. banded, coarse grained. cp-po. with dense grey silicification. bands	Sk			trace cpy accompanies po.	235-240	71.2	72.7	52	4	62	.2	.010
72					marble. pure & nearly so. grey to white. some dark streaks & skarn patches banding @ 47°	ma				240-245	72.7	74.2	28	14	504	.6	.005
73					skarn - coarse, banded. qz-ct-ga-cp contact @ 70°	S			trace sp. along contact. py euhedral, disseminated some po includes cpy								
74	74.0	79.9			silicified basalt												
					mottled. light green patches					245-250	74.2	75.8	54	11	1435	.4	.075
75						B			cp patches scarce po in fracture veinlets patches								
76									abundant thick, light green qz veins with indistinct merging. cut by green fracture networks.	250-263	75.8	79.7	145	3	88	.2	.005
77					chips												
78									po, cp patches								
79																	
					TD = 79.9 m												
80																	

APPENDIX II.

Assay and geochemical results -

1980 program.

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

File No. 80-1237
Type of Samples Core
Disposition

ASSAY CERTIFICATE

D.D.H.No.1

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	008960	.02	.01	.02	.01	.01	.001		1
2	008961	.02	.01	.01	.01	.01	.001		2
3	008962	.01	.01	.01	.01	.01	.001		3
4	008963	.01	.01	.01	.01	.01	.001		4
5	008964	.01	.01	.01	.01	.01	.001		5
6	008965	.02	.01	.01	.01	.01	.001		6
7	008966	.02	.01	.01	.01	.01	.001		7
8	008967	.02	.01	.01	.01	.01	.001		8
9	008968	.02	.01	.01	.01	.01	.001		9
10	008969	.02	.01	.01	.01	.01	.001		10
11	008970	.01	.01	.01	.01	.01	.001		11
12	008971	.01	.01	.01	.01	.01	.001		12
13	008972	.01	.01	.01	.01	.01	.001		13
14	008973	.02	.01	.01	.01	.01	.001		14
15	008974	.01	.01	.01	.01	.01	.001		15
16	008975	.01	.01	.01	.01	.01	.001		16
17	008976	.01	.01	.01	.01	.01	.001		17
18	008977	.01	.01	.01	.01	.02	.001		18
19	008978	.01	.01	.01	.01	.01	.001		19
20									20

DATE SAMPLES RECEIVED Oct. 9, 1980
DATE REPORTS MAILED Oct. 16, 1980
ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

File No. 80-951
Type of Samples Cores
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

AD-K2

SAMPLE No.	Cu	Pb	Zn	Ag	Au	Ni		
# 8901	180	48	160	.5	.005	23	1.5- 3.36M	1
8902	360	17	50	.3	.005	66	3.66- 5.5	2
8903	225	26	60	.3	.005	158	5.5 - 7.32	3
8904	130	12	52	.2	.005	150	7.32- 8.72	4
8905	74	13	70	.1	.005	140	8.72- 9.46	5
8906(1)	78	10	38	.1	.010	72	9.46-11.6	6
8906(2)	585	11	52	.4	.005	80	9.46-11.6	7
8907	645	12	48	.6	.010	92	11.6 -13.11	8
8908(1)	196	8	38	.2	.005	41	13.11-15.22	9
8908(2)	220	10	32	.3	.005	37	13.11-15.22	10
8909	280	10	34	.3	.005	48	15.22-16.15	11
8910	190	9	75	.2	.005	52	16.15-17.72	12
8911	1950	14	55	.6	.005	30	17.72-18.72	13
8912	525	15	62	.3	.005	12	18.72-18.74	14
8913	4050	75	200	2.6	.015	32	18.74-20.11	15
8914	350	375	3300	10.0	.005	28	20.11-20.75	16
8915	280	14	38	.4	.005	25	20.75-21.65	17
8916	100	13	70	.3	.005	76	21.65-22.55	18
8917	320	10	38	.3	.005	24	22.55-23.45	19
8918	1330	12	36	.6	.005	18	23.45-24.6	20
8919	490	14	60	.4	1.600	29	24.6-25.6	21
8920	106	5	25	.1	.005	44	27.4 -28.45	22
8921	84	5	32	.1	.005	50	31.3 -32.6	23
8922	57	8	40	.1	.005	68	37.3 -38.4	24
8923	72	7	32	.2	.005	50	43 -41.35	25
8924	85	10	34	.1	.005	44	46.7 -47.3	26
8925	75	7	38	.1	.005	58	54.3 -55.5	27
8926	91	7	34	.1	.005	62	58.4 -59.15	28
# 8927	52	8	35	.1	.005	56	63.5 -64.4 M	29
								30
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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 28, 1980
DATE REPORTS MAILED Sept. 8, 1980

ASSAYER D Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-951
Type of Samples Rock, Rockchip
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.		Mo	Cu	Pb	Zn	Ag	Au	Ni	W				
# 008932		1	610	22	75	.6	.100	50	1		Spec.		1
008933	*												2
008951	*												3
008952		2	320	13	40	.2	.010	25	1				4
008953		6	95	9	25	.1	.005	33	1				5
008954		1	60	15	12	.1	.010	58	1				6
008955	*												7
008956		7	70	8	18	.1	.005	34	1				8
008957		1	300	15	10	.2	.010	140	2				9
# 008958		3	25	3	8	.1	.005	12	1				10
													11
DH#3 22.4 -23.3 m		2	510	12	18	.4	.005	70	1				12
29.1 -30.18		2	900	15	45	.5	.010	44	1				13
30.18-31.05		1	9700	18	48	1.8	.045	56	1				14
DH#3 31.05-31.7 m		1	850	13	44	.4	.005	31	1				15
													16
													17
													18
													19
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DIGESTION:

DETERMINATION:

* assay result

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ASSAYER

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CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.

File No. 80-951 B

Type of Samples Rocks

Disposition

ASSAY CERTIFICATE

No.	Sample	Mo%	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton	Ni%	No.	W%
1	# 008933	.001	.32	.01	.01	.03	.001	.01	1	Trac
2									2	
3	# 008951	.001	.39	.01	.01	.02	.001	.01	3	Trac
4									4	
5	# 008955	.059	.01	.01	.01	.01	.001	.01	5	Trac
6									6	
7									7	
8									8	
9									9	
10									10	
11									11	
12									12	
13									13	
14									14	
15									15	
16									16	
17									17	
18									18	
19									19	
20									20	

DATE SAMPLES RECEIVED Aug. 28, 1980

DATE REPORTS MAILED Sept. 8, 1980

ASSAYER

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CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1237
Type of Samples Core
Disposition

ASSAY CERTIFICATE

D.D.H. No. 4

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	008979	.01	.01	.01	.02	.01	.001		1
2	008980	.01	.01	.01	.01	.01	.001		2
3	008981	.01	.01	.01	.01	.01	.001		3
4	008982	.02	.01	.01	.01	.01	.001		4
5	008983	.01	.01	.01	.01	.01	.001		5
6	008984	.01	.01	.01	.01	.01	.001		6
7	008985	.02	.01	.01	.02	.01	.001		7
8	008986	.02	.01	.01	.02	.01	.001		8
9	008987	.01	.01	.01	.02	.01	.001		9
10	008988	.01	.01	.01	.01	.01	.001		10
11	008989	.01	.01	.01	.03	.01	.001		11
12	008990	.02	.01	.01	.02	.01	.001		12
13	008991	.01	.01	.01	.01	.01	.002		13
14	008992	.01	.01	.01	.01	.01	.001		14
15	008993	.01	.01	.01	.01	.01	.001		15
16	008994	.01	.01	.01	.01	.01	.001		16
17									17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Oct. 9, 1980
DATE REPORTS MAILED Oct. 16, 1980
ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

File No. 80-1287
Type of Samples Core
Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B3-H4 87- 92	.01	.01	.04	.04	.01	.001		1
2	B2-H5 68- 76.5	.01	.01	.04	.04	.01	.001		2
3	B2-H5 82- 86	.01	.01	.01	.01	.01	.001		3
4	B3-H5 92- 97	.01	.01	.01	.01	.01	.001		4
5	B3-H5 97-101	.01	.01	.02	.01	.01	.001		5
6	B3-H5 101-106	.01	.01	.02	.05	.01	.001		6
7	B4-H5 106-111	.02	.06	.04	.09	.01	.001		7
8	B4-H5 111-115	.02	.01	.17	.06	.01	.001		8
9	B4-H5 119-124	.01	.01	.04	.01	.01	.001		9
10	B5-H5 124-132	.01	.01	.01	.01	.01	.001		10
11	B5-H5 141-144	.01	.01	.04	.01	.01	.002		11
12	B1-H6 28- 32	.01	.01	.07	.07	.01	.001		12
13	B1-H6 32- 36	.01	.01	.01	.02	.01	.001		13
14	B1-H6 36- 40	.01	.01	.01	.02	.01	.001		14
15	B1-H6 40- 45	.01	.01	.02	.01	.01	.001		15
16	B2-H6 45- 49	.01	.01	.15	.01	.01	.009		16
17	B2-H6 49- 54	.01	.01	.03	.01	.01	.004		17
18	B2-H6 54- 59	.01	.01	.01	.01	.01	.001		18
19	B2-H6 59- 63	.01	.01	.01	.01	.01	.001		19
20									20

DATE SAMPLES RECEIVED Oct. 20, 1980
DATE REPORTS MAILED Oct. 28, 1980
ASSAYER

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CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.

1-5 80

File No. 80-1195

Type of Samples Cores

Disposition

ASSAY CERTIFICATE

H-5

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	51.3- 52.3	.03	.01	1.45	.17	.02	.001		1
2	59 - 60.4	.02	.03	1.02	.10	.01	.001		2
3	74.5- 76.5	.01	.01	.23	.02	.02	.001		3
4	115 -119	.03	.01	2.26	.09	.01	.101		4
5	132 -141	.01	.01	.35	.02	.01	.009		5
6	132 -141 A	.02	.01	.57	.04	.01	.019		6
7	146 -148	.02	.01	.41	.04	.02	.014		7
8	178 -179	.02	.01	1.17	.02	.01	.015		8
9	216 -218.9	.01	.01	.31	.04	.01	.008		9
10	223 -224.4	.01	.01	.17	.01	.02	.001		10
11	230 -233	.01	.01	.03	.02	.01	.001		11
12	275 -279	.02	.01	.47	.02	.01	.001		12
13	287 -290	.01	.01	.22	.01	.01	.001		13
14	290 -292	.01	.01	.07	.02	.01	.013		14
15	EARL - S	.01	.01	.03	.02	.01	.001		15
16									16
17									17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Oct. 3, 1980

DATE REPORTS MAILED Oct. 7, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1287
Type of Samples Core
Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B3-H6 63- 68	.01	.01	.01	.05	.01	.001		1
2	B3-H6 68- 73	.01	.01	.01	.01	.01	.001		2
3	B3-H6 73- 78	.01	.01	.01	.04	.01	.001		3
4	B3-H6 78- 83	.01	.01	.01	.02	.01	.001		4
5	B4-H6 83- 88	.01	.01	.01	.01	.01	.001		5
6	B4-H6 88- 93	.01	.01	.01	.01	.01	.001		6
7	B4-H6 93- 98	.01	.01	.01	.02	.01	.001		7
8	B4-H6 98-102	.01	.01	.01	.01	.01	.001		8
9	B5-H6 102-106	.01	.01	.01	.01	.01	.001		9
10	B5-H6 106-111	.01	.01	.01	.01	.01	.001		10
11	B5-H6 111-116	.01	.01	.01	.01	.01	.001		11
12	B5-H6 116-121	.01	.01	.01	.01	.01	.001		12
13									13
14	B6-H6 121-126	.01	.01	.01	.01	.01	.001		14
15	B6-H6 126-130	.01	.01	.01	.01	.01	.001		15
16	B6-H6 130-136	.01	.01	.01	.01	.01	.001		16
17	B6-H6 136-141	.01	.01	.01	.01	.01	.001		17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Oct. 20, 1980
DATE REPORTS MAILED Oct. 28, 1980
ASSAYER

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CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1287
Type of Samples Core
Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	422 44.2 B7-H6 141-146	.01	Trace	.06	.01	.01	.001		1
2	422 44.8 B7-H6 146-148	.01	Trace	.10	.02	.01	.003		2
3	47.3 B7-H6 148-156	.01	Trace	.01	.01	.01	.001		3
4	44.2 B7-H6 156-159	.01	Trace	.01	.01	.01	.001		4
5	49.7 B8-H6 159-164	.01	Trace	.01	.01	.01	.001		5
6	50.75 B8-H6 164-167.5	.01	Trace	.11	.01	.01	.004		6
7	52.1 B8-H6 167.5-172	.01	Trace	.04	.01	.01	.001		7
8	54.2 B8-H6 172-179	.01	Trace	.09	.01	.01	.001		8
9	55.4 B9-H6 178-183	.01	Trace	.04	.01	.01	.006		9
10	54.7 B9-H6 183-187	.01	Trace	.06	.02	.01	.011		10
11	58.2 B9-H6 187-192	.01	Trace	.10	.06	.01	.001		11
12	54.7 B9-H6 192-197	.01	.01	.09	.01	.01	.001		12
13									13
14	61.6 B10-H6 197-200	.01	Trace	.01	.02	.01	.001		14
15	62.7 B10-H6 200-207	.01	.20	.56	1.01	.01	.001		15
16	62.9 B10-H6 207-211	.01	.01	.08	.38	.01	.001		16
17	62.1 B10-H6 211-215	.01	.01	.05	.04	.01	.001		17
18									18
19									19
20									20

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ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1287
Type of Samples --Core----
Disposition _____

ASSAY CERTIFICATE

4

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B11-H6 215-220	.01	.01	.02	.01	.01	.002		1
2	B11-H6 220-227	.01	Trace	.01	.01	.01	.001		2
3	B11-H6 227-233	.01	Trace	.01	.01	.01	.001		3
4									4
5	B12-H6 234-238	.01	Trace	.01	.01	.01	.001		5
6	B12-H6 238-243	.01	Trace	.01	.01	.01	.001		6
7	B12-H6 243-247	.01	Trace	.01	.01	.01	.002		7
8	B12-H6 247-252	.01	Trace	.01	.01	.01	.001		8
9									9
10	B13-H6 252-257	.01	Trace	.01	.01	.01	.002		10
11	B13-H6 257-262	.01	Trace	.01	.01	.01	.001		11
12	B13-H6 262-267	.01	Trace	.01	.01	.01	.089		12
13	B13-H6 267-271	.02	Trace	.01	.01	.01	.025		13
14	B14-H6 271-276	.01	Trace	.01	.01	.01	.004		14
15	B14-H6 276-280	.01	Trace	.01	.01	.01	.002		15
16	B14-H6 280-285	.01	Trace	.01	.01	.01	.001		16
17	B14-H6 285-289	.01	.01	.03	.01	.01	.009		17
18									18
19	B15-H6 289-296	.01	Trace	.03	.01	.01	.004		19
20	EART S-7	.01	Trace	.01	.01	.01	.001		20

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Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

File No. 80-1322

Type of Samples Core

Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B1-H7 31- 36	.02	.01	.38	.01	.02	.001		1
2	36- 41	.02	.01	[illegible]	.01	.01	.001		2
3	41- 46	.01	.01	.24	.01	.01	.005		3
4	B1-H7 46- 51	.01	.01	[illegible]	.01	.01	.002		4
5	B2-H7 51- 56	.01	.01	.01	.01	.01	.001		5
6	56- 60	.01	.01	.01	.01	.01	.001		6
7	60- 65	.01	.01	.01	.01	.01	.001		7
8	B2-H7 65- 70	.01	.01	.01	.01	.01	.001		8
9	B3-H7 70- 76	.01	.01	.05	.01	.01	.009		9
10	76- 79	[illegible]	.01	[illegible]	.08	.01	[illegible]		10
11	79- 84	.02	.01	[illegible]	.01	.01	[illegible]		11
12	B3-H7 84- 89	.03	[illegible]	[illegible]	[illegible]	.01	[illegible]		12
13	B4-H7 89- 94	.02	.01	.04	.01	.01	.001		13
14	94- 99	.01	.01	.02	.01	.01	.001		14
15	99-104	.02	.01	.22	.03	.01	[illegible]		15
16	B4-H7 104-107	.02	.01	.16	.01	.01	[illegible]		16
17	B5-H7 107-112	.02	.01	.10	.05	.01	[illegible]		17
18	B5-H7 112-117	.02	.01	.02	.01	.01	.001		18
19									19
20									20

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DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 4, 1980

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CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1322
Type of Samples Core
Disposition

ASSAY CERTIFICATE

2

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B5-H7 117-121	.01	.01	.01	.01	.01	.001		1
2	B5-H7 121-125	.01	.01	.05	.01	.01	.001		2
3	B6-H7 125-130	.01	.01	.02	.01	.01	.002		3
4	130-135	.01	.01	.01	.01	.01	.001		4
5	135-139	.01	.01	.01	.01	.01	.001		5
6	B6-H7 139-143	.01	.01	.03	.01	.01	.001		6
7	B7-H7 143-148	.01	.01	.01	.01	.01	.001		7
8	B7-H7 148-152	.01	.01	.01	.01	.01	.001		8
9									9
10	B7-H7 152-157	.01	.01	.01	.01	.01	.001		10
11	B7-H7 157-162	.01	.01	.01	.01	.01	.001		11
12	B8-H7 162-166	.02	.04	.42	.11	.01	.004		12
13	166-171	.01	.01	.01	.01	.01	.001		13
14	171-176	.01	.01	.01	.01	.01	.001		14
15	B8-H7 176-181	.02	.01	.03	.01	.01	[redacted]		15
16	B9-H7 181-185	.01	.01	.02	.01	.01	[redacted]		16
17	185-189	.01	.01	.02	.01	.01	.001		17
18	189-194	.01	.01	.01	.01	.01	.001		18
19	B9-H7 194-199	.01	.01	.01	.01	.01	.001		19
20									20

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DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1322
Type of Samples Core
Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	B10-H7 199-204 63.8	.01	.01	.02	.01	.01	.001		1
2	204-209 63.3	.01	.01	.10	.01	.01	.001		2
3	209-214 63.8	.01	.01	.04	.01	.01	.001		3
4	B10-H7 214-219 66.4	.01	.01	.03	.01	.01	.001		4
5									5
6	B11-H7 219-224 67.9	.01	.01	.01	.01	.01	.001		6
7	224-229 63.4	.01	.01	.02	.02	.01	.001		7
8	229-234 73.9	.01	.01	.07	.01	.01	.001		8
9	B11-H7 234-239 72.4	.01	.01	.01	.01	.01	.001		9
10	B12-H7 239-244 73.9	.01	.01	.01	.01	.01	.001		10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Oct. 24, 1980
DATE REPORTS MAILED Nov. 4, 1980
ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

File No. 80-1418

ASSAY CERTIFICATE

Type of Samples Core

Disposition

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	H-8-B1 39- 48	.01	.01	.20	.01	.01	.002		1
2	48- 53	.02	.01	.31	.01	.01	.014		2
3	H-8-B1 53- 58	.01	.01	.12	.02	.01	.005		3
4	H-8-B2 58- 63	.02	.01	.02	.01	.01	.001		4
5	63- 68	.01	.01	.17	.01	.01	.001		5
6	68- 73	.01	.01	.05	.01	.01	.001		6
7	H-8-B2 73- 77	.01	.01	.21	.01	.01	.004		7
8	H-8-B3 77-82	.02	.01	.71	.01	.01	.137	✓	8
9	82- 87	.01	.04	.12	.03	.01	.004		9
10	87- 92	.01	.02	.25	.01	.01	.008		10
11	H-8-B3 92- 97	.01	.01	.21	.01	.01	.011		11
12	H-8-B4 96-101	.01	.01	.01	.01	.01	.002		12
13	101-106	.01	.01	.01	.01	.01	.001		13
14	106-111	.01	.01	.01	.01	.01	.001		14
15	H-8-B4 111-116	.01	.01	.01	.01	.01	.011		15
16	H-8-B5 116-119	.01	.01	.01	.01	.01	.001		16
17	119-124	.01	.01	.34	.01	.01	.001		17
18	124-128	.01	.01	.09	.01	.01	.001		18
19	H-8-B5 128-133	.01	.01	.01	.01	.01	.001		19
20									20

DATE SAMPLES RECEIVED Nov. 10, 1980

DATE REPORTS MAILED Nov. 18, 1980

ASSAYER

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CERTIFIED B.C. ASSAYER

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Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1418
Type of Samples Core
Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Ni%	Au oz/ton		No.
1	H-8-B6 133-138	.01	.01	.01	.01	.01	.001		1
2	138-142	.01	.01	.01	.01	.01	.001		2
3	142-147	.01	.01	.01	.01	.01	.001		3
4	H-8-B6 147-151	.01	.01	.01	.01	.01	.001		4
5									5
6	H-8-B7 151-156	.01	.01	.01	.01	.01	.001		6
7	156-161	.01	.01	.01	.01	.01	.001		7
8	161-166	.01	.01	.01	.01	.01	.001		8
9	H-8-B7 166-171	.01	.01	.04	.02	.01	.003		9
10									10
11	H-8-B8 171-176	.02	.01	.05	.02	.01	.001		11
12	176-181	.01	.01	.02	.01	.01	.001		12
13	181-186	.01	.01	.01	.01	.01	.001		13
14	H-8-B8 186-191	.02	.01	.37	.01	.01	.006		14
15									15
16	H-8-B9 191-195	.01	.01	.02	.01	.01	.001		16
17	195-200	.01	.01	.02	.01	.01	.001		17
18	H-8-B9 200-205	.01	.01	.01	.01	.01	.001		18
19									19
20									20

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DATE SAMPLES RECEIVED Nov. 10, 1980
DATE REPORTS MAILED Nov. 18, 1980
ASSAYER

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852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Denar Mines Ltd.,
33825 S. Fraser Way,
Abbotsfort, B.C.
V2S 2C4

File No. 80-1420
Type of Samples Core
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	Ni	Au
H9-B1	43- 48	134	9	307	.5	19	.005
	48- 55	1351	19	1759	5.2	45	.010
	55- 60	200	3	75	.6	40	.015
H9-B1	60- 65	85	3	64	.5	41	.005
H9-B2	65- 70	127	13	4187	.4	18	.510
	70- 75	160	15	330	.8	36	.070
	75- 80	128	10	190	1.5	45	.065
H9-B2	80- 85	141	5	61	.4	43	.020
H9-B3	85- 90	69	79	134	.8	43	.085
	90- 95	122	3	3025	.4	46	.130
	95-100	65	3	1415	.4	31	.310
H9-B3	100-105	53	9	332	.5	33	.050
H9-B4	105-110	124	5	625	.2	22	.070
	110-115	94	1	136	.3	46	.005
	115-120	151	4	97	.3	60	.010
H9-B4	120-125	118	3	86	.4	37	.010
H9-B5	125-130	117	9	135	.5	43	.010
	130-135	218	5	224	.4	73	.005
	135-140	93	5	57	.4	55	.005
H9-B5	140-145	70	5	87	.4	46	.005
H9-B6	145-150	301	18	499	.6	36	.045
	150-155	117	7	396	.3	42	.005
	155-160	114	4	201	.3	59	.005
H9-B6	160-165	120	22	305	.6	45	.005
H9-B7	165-170	103	3	82	.4	87	.005
	170-175	114	3	50	.6	63	.005
	175-185	116	2	34	.4	47	.005
H9-B7	185-190	94	2	31	.3	56	.005
H9-B8	190-195	77	3	160	.3	42	.005
	195-200	120	3	37	.2	47	.005
	200-205	93	1	31	.5	62	.005
H9-B8	205-210	140	3	47	.5	63	.005

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All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Nov. 10, 1980

DATE REPORTS MAILED Nov. 18, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Denar Mines Ltd.,

File No. 80-1420
Type of Samples Core
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.			Cu	Pb	Zn	Ag	Ni	Au
H9-B9	210-215	65.2	82	1	49	.7	54	.005
	215-220	66.7	91	1	37	.5	57	.005
H9-B9	220-230	69.7	75	1	31	.4	53	.005
H9-B10	230-235	71.2	39	8	2045	.3	10	.120
	235-240	72.7	52	4	62	.2	26	.010
	240-245	74.2	28	14	504	.6	7	.005
H9-B10	245-250	75.8	54	11	1435	.4	10	.075
H9-B11	250-263	79.7	145	3	88	.2	45	.005

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DIGESTION:

DETERMINATION:

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DATE REPORTS MAILED Nov 18, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

APPENDIX III.

Resumes: JoAnne Nelson, MSc.
John G. Payne, PhD.

C E R T I F I C A T E.

I, JoAnne Nelson, do hereby certify:

That I am a geologist residing at 4027 West 18th Avenue, Vancouver, British Columbia, V6B 2T2.

That I hold a B.Sc in geology from the University of Washington (1973) and an M.Sc in geology from the University of British Columbia (1976).

That I have no financial interest, either direct or indirect, in the subject property and that I do not expect to obtain any such interest.

That the information contained in this report is based on my personal knowledge of the general area, reference to the works cited in this report, and to examination of the property in question.

J. Nelson

JoAnne Nelson,
Geologist.

ENGINEER'S CERTIFICATION.

I, John G. Payne, PhD., of North Vancouver, British Columbia, do hereby state:

1. I am a consulting geological engineer. I graduated from Queen's University, Kingston, Ontario in 1961 with a BSc., degree in Geological Engineering. I received a PhD degree in Geochemistry from McMaster University in 1966.

2. My address is 877 Lillooet Road, North Vancouver, B.C. V7J 2H6.

3. I have practiced geology since graduation for 14 years, mainly in the North American Cordillera.

4. I have no direct or indirect interest in the Denar 20 and Denar 40 Claims or in Denar Mines Ltd.

5. This report may be used by Denar Mines Ltd., in a Statement of Material Facts or Prospectus for public financing.

Dated: Vancouver, British Columbia, 26th day of January, 1981.

John G. Payne, PhD.,
Consulting Geological Engineer.

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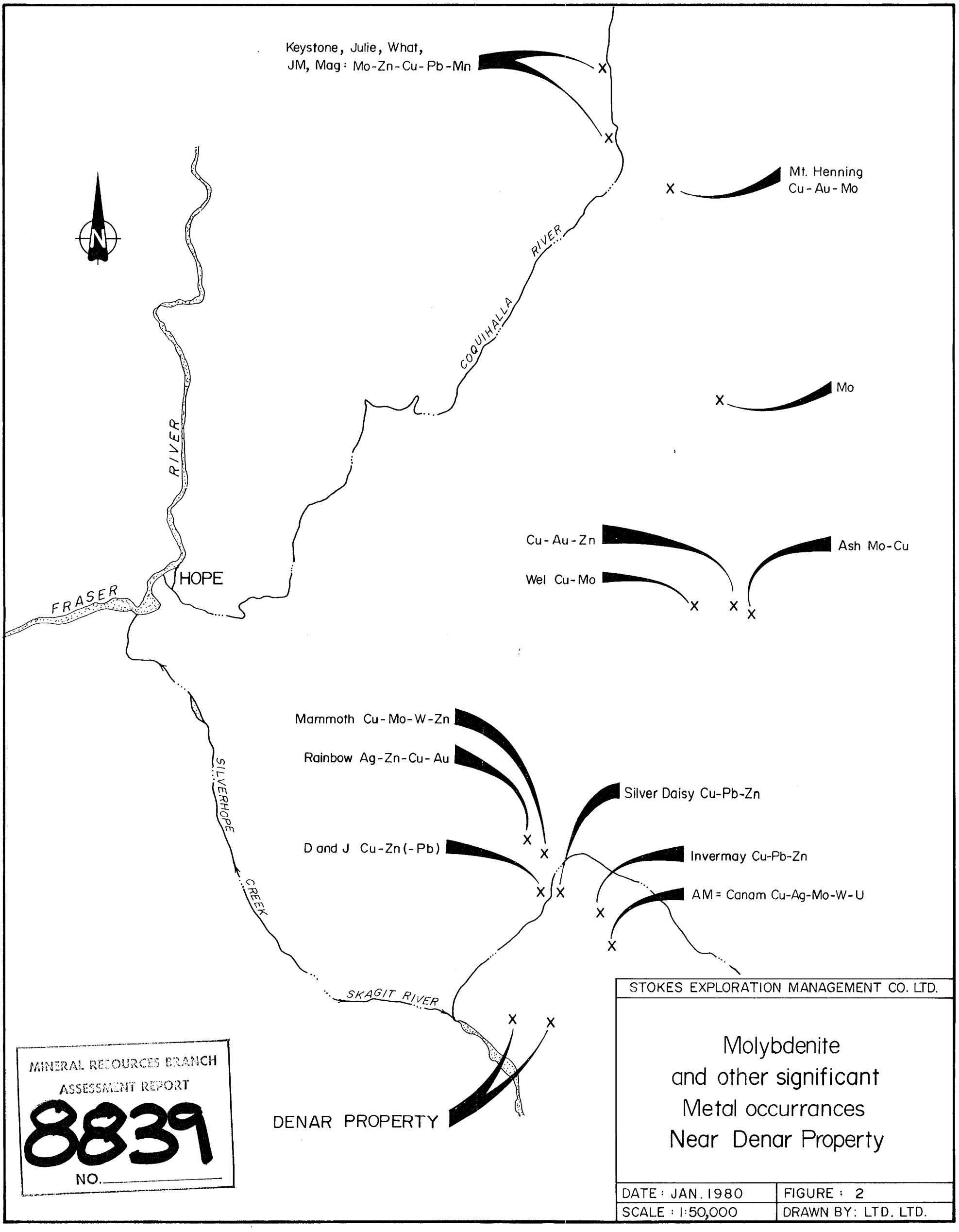
APPENDIX IV.

Cost Statement.



STOKES EXPLORATION MANAGEMENT CO. LTD.

Molybdenite and other significant Metal occurrances Near Denar Property

DATE : JAN. 1980	FIGURE : 2
SCALE : 1:50,000	DRAWN BY: LTD. LTD.

LEGEND

Lithologic Units

Tertiary (?)

Qd	quartz diorite	Medium grained, in places porphyritic.
Dl	diorite	
Gb	gabbro	
Gd	granodiorite	

Paleozoic
Hozameen Group

b	basalt, aphanitic, dark green except where altered.
c	chert, grey to buff, massive.
qrzt	quartzite, white, sugary — metamorphic equivalent of chert

Unknown Age

R	rhyolite dike, probably synpluntonic.
A	andesite dike.

MINERAL ABBREVIATIONS

ó	porphyritic	mt	magnetic
alt	altered	po	pyrrhotite
aspy	arsenopyrite	py	pyrite
cpy	chalcopyrite	qz	quartz
hem	hematite	silic	silicified
mb	molybdenite		

SYMBOLS

fault

geologic contact defined ; approximate

Diamond Drill Hole

geochemical / assay sample

STOKES EXPLORATION MANAGEMENT CO. LTD.

Geology of the Denar Claims Skagit Valley, B.C.

GEOLOGY BY : J. Payne, J. Nelson | FIGURE : 3 EAST HALF

SCALE : 1: 2,000 | CONTOUR INTERVAL : 10 m

SEE FIGURE 3 EAST HALF FOR LEGEND

MINERAL RESOURCES BRANCH
Assessment Report
8839
NO.

STOKES EXPLORATION MANAGEMENT CO. LTD.

Geology of the Denar Claims Skagit Valley, B.C.

GEOLOGY BY : J. Payne, J. Nelson | FIGURE : 3 WEST HALF
SCALE : 1: 2,000 | CONTOUR INTERVAL : 10 m

DDH 6-80

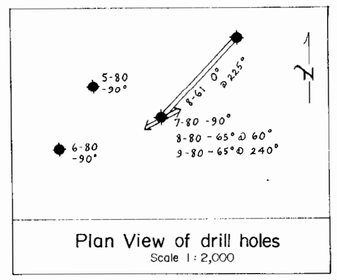
DDH 5-80

DDH 7-80

DDH 9-80

DDH 8-80

DDH 8-61



Plan View of drill holes
Scale 1 : 2,000

LEGEND

- overburden
- b basalt
- s skarn
- Qd quartz diorite
- Di diorite
- m marble
- silic. silicified
- qz quartz

Zn in %, Au & Ag in oz / ton

Thresholds
Zn 0.2 %
Ag 0.1 oz / ton
Au 0.01 oz / ton
Pb 0.2 %

1 : 200 — 0 1 2 3 4 5 10 15 m

STOKES EXPLORATION MANAGEMENT CO. LTD.

Projection of drill holes
Earl Showings
Denar Property
onto vertical plane striking 60°

DATE : JAN. 1981	FIGURE : 6
GEOLOGY BY	DRAWN BY : EDCO LTD.