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Geological Evaluation Report

for

AMSTAR VENTURES INC.

on the

COUS CREEK - KOLA PROPERTY

Alberni M.D. N.T.S. 92F/2W

July 11, 1985
Vancouver, B.C.

L. Sookochoff, P.Eng.
Consulting Geologist

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Geological Evaluation Report

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on the

COUS CREEK PROPERTY

PART A

SUMMARY AND CONCLUSIONS

The Amstar Cous Creek-Kola property incorporates a series of massive sulfide zones related to andesite and andesite-dacite volcanic flows and from which assay values of up to .328 oz Au/ton with 4.71 oz Ag/ton and 29.2% Cu were obtained.

The property is comprised of 18 units 10 km southwest of Port Alberni, B.C.

Good access is provided to the showings and other parts of the property by logging roads.

Some of the more significant past exploration in the area was that of the Cous Creek Mines A claims peripheral to the northeast where massive sulfide pods in the order of 3% Cu occur in association with the Karmutsen Formation.

The Cous Creek-Kola property is underlain by the Karmustsen Formation and in the area of the mineralized showings andesites predominate with dacites and greenstones also occurring.

A series of northerly trending altered and/or massive sulfide zones occur along some 300 meters of a trenched road cut. One of the more significant zones apparent, prior to the trenching, is three meters wide sandwiched between andesite flows. This zone is near the northern end of the geochemical survey and could correlate with the writers No.5 zone (7.27% Cu). The massive sulfide zone is one meter wide within the central portion of the main zone and contains pods and stringers of massive sulfides within a volcanic debris matrix. A grab sample from the zone returned 7.27% Cu, .67 oz Ag/ton and .082 oz Au/ton. Associated alteration is of limonite and carbonates.

Recent trenching (Jan. 1985) has disclosed a one and one half meter wide massive sulfide zone in association with a dacite-andesite contact (Pit 8). Grab samples from the zone returned up to .328 oz Au/ton with 4.71 oz Ag/ton and 29.20% Cu.

A localized and road geochemical survey completed in June 1985 disclosed a 70 meter anomalous gold zone extending at 340° from the road where the anomaly is 40 meters wide.

Other more localized enomalies occur along the road which may correlate with known mineral zones.

A 600 pound bulk sample of mineralized material assayed up to 4.73% Cu, 2.72 oz Ag/ton and .110 oz Au/ton.

It is concluded that the massive sulfide zones are part of the exhalative sequence of tho andesitic and dacitic flows. The massive sulfide zone associated with the dacitic units would be considered the more significant in that associated mineral values would be more consistent.

As the predominant mineralization is confined to pods or discontinuous lenses within the zone, the "poddy" mineralization would result in erratic values across the width at any one location. However the potential is present on the property to establish substantial tonnages of economic grades of gold-silver-copper values.

The potential is:

1) along strike of any one of the known zones where the massive sulfide zones could trend to increased sulfide content.

2) in the lessor but more consistent mineral values within the dacite or andesite flows adjacent to the massive sulfide zones which with tho higher grade massive sulfide sections economic zones of substantial widths could be developed.

3) in association with two or more potential parallel massive sulfide zones.

4) within other massive sulfide zones or mineralized volcanic flows over unexplored portions of the property.

Thus an exploration program is warranted to test the known mineral zones along strike and to locate other potential zones of mineralization on the Kola #2 and Creek claims.

RECOMMENDATIONS

It is recommended that a three stage exploration program estimated to cost $252,000 be carried out on the Amstar-Kola property. It is also recommended that AMSTAR VENTURES INC. allocate $64,000 to initiate and execute the first stage of the exploration program.

Respectfully submitted

Laurence Sookochoff, P.Eng
Consulting Geologist

July 11, 1985
Vancouver, B.C.

Geological Evaluation Report

for

AMSTAR VENTURES INC.

on the

COUS CREEK PROPERTY

PART B

INTRODUCTION

At the request of W. McKee of AMSTAR VENTURES INC. the writer prepared the following report on the geological evaluation of the Cous Creek property as to the containment of potential economic zones of copper-silver-gold volcanic associated mineralization.

Information for this report was obtained from sources as cited under bibliography and from a personal property examination carried out on May 21, 1985.

PROPERTY

The property is comprised of two contiguously located claims totaling 18 units. Particulars are as follows:

Claim Name	Units	Record No.	Expiry Date
Kola #2	9	2404	August 28, 1985
Creek	9	2339	July 23, 1985

The claims are registered in the name of R. Simpson and under an option agreement to AMSTAR VENTURES INC.

Any legal aspects pertaining to the claims is beyond the scope of this report.

LOCATION AND ACCESS (124° 58'W 49° 11' N)

The property is located 10 km southwest of Port Alberni and five and one-half km south of Sproat Lake at the headwaters of Cous Creek and easterly flowing tributaries of Cous Creek.

Access is via the Cous Creek road southwestward from Port Alberni thence westward along good gravel logging roads to the showings on the Kola #2 claim. Logging roads extending from the main Cous Creek road traverse and provide access to most areas of the claim group.

TOPOGRAPHY AND TIMBER

The property covers a central northwesterly trending ridge at the 950 meter elevation and extending northeastward to a branch of Cous Creek at 280 meters in the southwest across a valley at 400 meters and terminating at a steep northerly facing slope at 760 meters.

The topography is flat along the central ridge with moderate slopes to the northeast and moderate to steep slopes to the southwest.

Much of the area has been logged and is in various stages of secondary growth.

WATER AND POWER

Sufficient water would be available from the numerous water courses on the property.

Diesel-electric power would be required.

HISTORY

Exploration mining and the shipping of small amounts of "ore" has carried out to some degree in the general area since 1898. With reference to Figure 5 some of the properties where exploration and/or shipping of ore was done are designated and are referenced to distance from the Amstar Cous Creek property which is designated as 3 on the map.

(1) The Hayes property some 30 km south was worked in 1898, 1899 and 1902 when 2180 tons of ore were shipped yielding 328,245 lb. Cu, 62 oz Au and 2417 oz Ag.

(2) The original Cous Creek property (A claims) six km to the north was discovered in 1972 and explored by Craigmont Mines in 1976 and Bethlehem Copper in 1977.

(4) The Ferguson property 14 km northwest was worked in 1931.

(5) The Raven 18 km northeast was originally worked previously to 1901 when a 50 foot tunnel was completed.

(6) The Dauntless 19 km east from 1918 to 1929 was explored by numerous open cuts, several short tunnels up to 100 feet long and at least on shaft 27 feet deep.

(9) The Rex, nine km southerly where in 1966 to 1968 Amex Exploration completed soil sampling, silt sampling, geological mapping and a magnetometer survey.

On the Amstar Cous Creek-Kola #2 property (3) Pacific Seadrift Resources completed an airborne VLF-EM/Mag survey, geological mapping, soil sampling and rock sampling. The results of this exploration work are unavailable to the writer.

REGIONAL GEOLOGY

The oldest rocks exposed in the general area are the Upper Triassic and Older Karmutsen volcanics (mu TrK). This Formation is composed of tholeiitic volcanic rocks and is divided into three members: the lower member about 2,600 m thick of pillow lava; the middle member, about 800 m thick is of pillow breccia and a aquagene tuff; and the upper member about 1900 m thick of massive flows with minor interbedded pillow lava, breccia and sedimentary layers. Except in contact zones with granitic intrusions, the volcanics exhibit low-grade metamorphisin up to prehnite-pumpellyite grade. The Karmutsen in some areas may be underlain by Lower Permean Sicker Group rocks.

Peripheral to the property area are batholiths and stocks of Island Intrusions. These intrusives are granitoid rocks ranging from quartz diorite to granite. The nearest stock to the property occurs five km to the north on the northern edge of Sproat Lake.

Six km east and bordering intrusives on the east is a five km area of younger formation than the Karmutsen of the Vancouver Group.

STRUCTURE

The northerly and westerly directed fault systems affecting Sicker and Vancouver Group rocks were probably established during Late Triassic time. this structural pattern is reflected on the Cous Creek property where northerly structures predominate along with the complementary set in a northwesterly (315°) and northeasterly direction (60°).

MINERALIZATION OF PROPERTIES IN THE AREA

The Karmutsen volcanics host a number of mineralized occurrences in the area with the most productive being the Hayes Mine (Figure 5 No.1).

Swarms of milky white quartz veins occur within andesites to dacites. An intraformational layer of limestone hosts skarn mineralization of magnetite, pyrite and chalcopyrite. The mineralized zones were up to 28 feet wide. There are no intrusives to relate to the skarn mineralization.

Mineralization on the Cous Creek A claims occurs as small lenticular massive sulfide pods in close proximity to quartz diorite contacts.

The Raven property mineralization is of a four foot wide vein with a 6-8 inch width of solid chalcopyrite.

The Dauntless property mineralization occurs as sparse chalcopyrite within one of two series of shear zones 200 feet apart. A six foot wide strongly pyritic quartz vein in addition to a two foot wide body of massive pyrrhotite and chalcopyrite occurs within the shear.

On the B K property copper mineralization is present within a north-south steeply dipping five foot wide shear. The reported estimate of grade is 1%

EXPLORATION WORK COMPLETED - 1985

In June 1985 Trans Arctic Explorations completed a trenching and sampling program and a localized geochemical survey over the known mineralized zones after the writer's property examination. The results are shown on the appended maps to this report.

Some conclusion derived from the work are that mineralized quartz may also be hosted by the shear zones from which grab samples assay up to 1.80% Cu, .21 Ag/ton and .006 Au/ton (Pit 7 & Pit 6).

PROPERTY GEOLOGY AND MINERALIZATION

The property is indicated to be entirely underlain by the Karmustsen volcanics which in the mineralized area consist of predominantly andesitic flows. The structures trend northerly and are expressed by northerly shear zones exposed along a road cut. A section of the road has recently been trenched to expose the mineral zones exposed along some 300 meters of the trench.

At least five zones of mineralization are evident. The mineralization consists of massive pods and lenses of pyrite and chalcopyrite associated with shears within the andesite. The mineralization is exhibited in varying forms but is commonly associated with volcanic debris including andesitic "pillow" ejecta which in some cases due to fracturing appear as breccia fragments. The debris fragments and mineralized pods are occasionaly be cemented with quartz-carbonate which may be mineralized to some extent.

In a zone exposed along the base of the trench a siliceous fissile zone is associated with quartz-carbonate stringers, rare discontinuous transverse ankerite veinlets and disseminated sulfides.

The writer sampled the zones prior to trenching on the mineralized area.

A description of the samples zones (northward) is as follows (Figure 19):

1. Northerly trending siliceous shear zone with quartz carbonate stringers, ankerite veinlets and disseminated sulfides. A 0.3 meter unfractured siliceous "vein" occurs at the base of the zone. A 1.2 meter sample was taken across the zone and returned.

   42355E - 755 ppm Cu, 1.8 ppm Ag and 115 ppb Au.

2. 36 meters north of sample site 1. A northerly trending mineralized zone of massive cpy, bornite and cyp-py pods with occasional "fragments" of andesite associated with the sulfides. Fragments of andesite are cemented with carbonate-quartz in a matrix of volcanic debris. Patchy cpy and py and occasional bornite is associated with the andesite. The zone is up to 0.6 meters wide. A sample of the massive sulfide returned:
   42354 E - 14.70% Cu, 6.83 oz Ag/ton, .266 oz Au/ton.

3. 45 meters at 013° from site 2.
Heavy limonitized zone at 340°. Overburdened but approx. 2 meters wide. Fractures at 340°: Gossan in soil above zone.

Sample 42353 E - 0.6 meters
6150 ppm Cu, 9.4 ppm Ag, 520 ppb Au.

4. 36 meters - 013° from site 3.
Dark and light brown limonitic breccia zone. Completely oxidized with pitch limonite. Shear at 020° 55°W with gouge. No visible sulfides.

Sample 42352 E
.27%Cu, .35 oz Ag/ton, .024 oz Au/ton

5. 90 meters northerly along road from site 4.
Massive sulfides within a shear zone at 035°/70°W three meters wide consisting of andesite (greenstone) with fractured pillow andesite. Within the central portion of the zone are pods of massive sulfides over one meter wide. The one meter wide hanging wall is comprised of a heavier altered zone to a greenstone. The foot wall zone is of a limonitic zone 0.4 meters wide and a 0.6 meter wide andesite zone which is occasionally carbonated.

Sample 42351 E of sulfides within the massive sulfide zone assayed 7.27 % Cu, .67 oz Ag/ton and .082 oz Au/ton.
Sample 42348 E of a grab sample of andesite bearing light degrees of pyrite returned 619 ppm Cu and .8 ppm Ag.

6. 76 meters northerly along the road outcrops of porphyritic andesite to greenstone with a "ropy" surface contains moderate epidote and carbonate alteration on an occasional larger fracture plane at 0°/35°W and 320°/70°W. On the weaker fractures occurs moderate light to dark brown and blackish "pitch" limonite. A light degree of magnetite is also present. Occasional pyritic blebs (1-2%) are obvious.

RECOMMENDED EXPLORATION PROGRAM

It is recommended that a three stage exploration program designed to test the known mineral zones and to explore for other massive sulfide zones be carried out on the property.

The initial stages would be to concentrate the exploration program on the known mineral zones. A geophysical survey should be completed to locate anomalous area which may reflect sulfide zones. A geochemical survey peripheral to the completed survey should be completed to test the extensions of localized highly anomalous gold values.

The second stage would consist of trenching to test correlative anomalous areas for bedrock mineralization with subsequent diamond drill hole testing of the prime zones.

The third stage would consist of either follow up diamond drilling or recce exploration on the property.

ESTIMATED COST OF RECOMMENDED EXPLORATION PROGRAM

STAGE I

Geophysical Survey: max-min	$25,000
Geochemical Survey	25,000
Associated field expenses	5,000
Engineering and supervision	4,000
Contingencies	5,000
	$64,000

STAGE II

Trenching	$20,000
Diamond Drilling	50,000
Associated field expenses	5,000
Engineering and supervision	8,000
Contingencies	5,000
	$88,000

STAGE III

Follow up diamond drilling or Recce geochemical survey followed by geophysical survey and trenching	allow	$100,000
Three stage estimated cost:		$252,000

The second and third stages would only be initiated upon the completion and encouraging results of previous stages.

It is estimated Stage I of the exploration program would take two months to complete.

Respectfully submitted

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

Laurence Sookochoff, P.Eng.
Consulting Geologist

July 11, 1985
Vancouver, B.C.

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1901 - p 1095	1928 - p 366-7
1902 - p 213	1929 - p 371
1906 - p 193	1930 - p 292
1908 - p 142	1932 - p 203
1909 - p 146	1967 - p 77
1910 - p 151	1974 - p E96
1916 - p 320	1976 - p E112
1917 - p 454	1977 - p E110
1918 - p 256-7	

Minfile - 92F 103
92F 155
92F 168
92F 360
92F 361
92F 383
92F 382
92F 221
92F 130

CERTIFICATE AND CONSENT

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist and principal of Sookochoff Consultants Inc. with offices at 311-409 Granville Street, Vancouver, B.C., V6C 1T2.

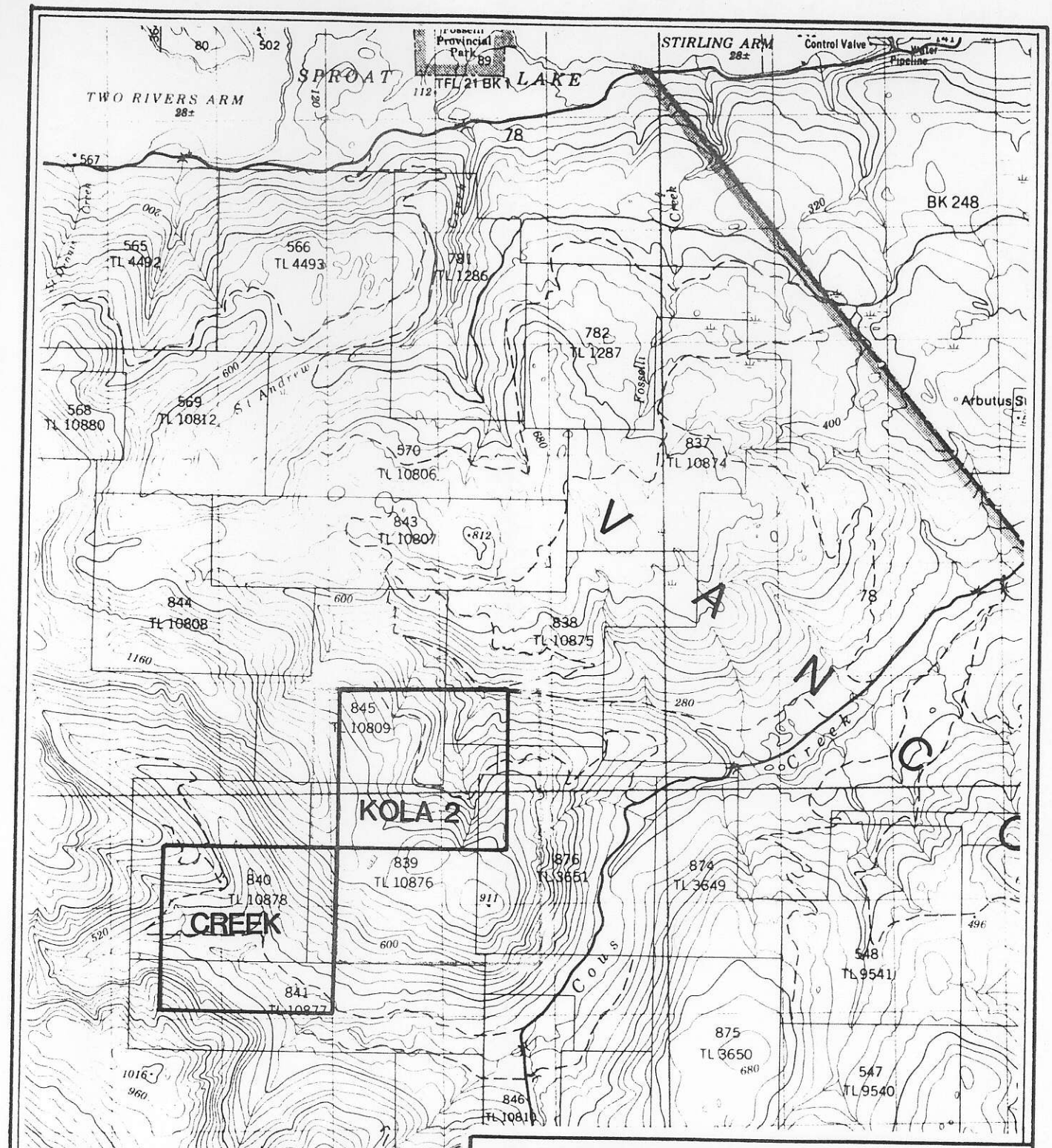
I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology
2. I have been practising my profession for the past nineteen years.
3. I am registered with the Association of Professional Engineers of British Columbia.
4. The information for this report was obtained from sources as cited under Selected References and from a property examination carried out on May 21, 1985.
5. I have no direct, indirect or contingent interest in the property described herein or in the securities of AMSTAR VENTURES INC. nor do I expect to receive any.
6. This report may be utilized by AMSTAR VENTURES INC. for publication in a Statement of Material Facts.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

Laurence Sookochoff, P.Eng.
Consulting Geologist.

July 11, 1985
Vancouver, B.C.



SOOKOCHOFF CONSULTANTS INC.

AMSTAR VENTURES INC.

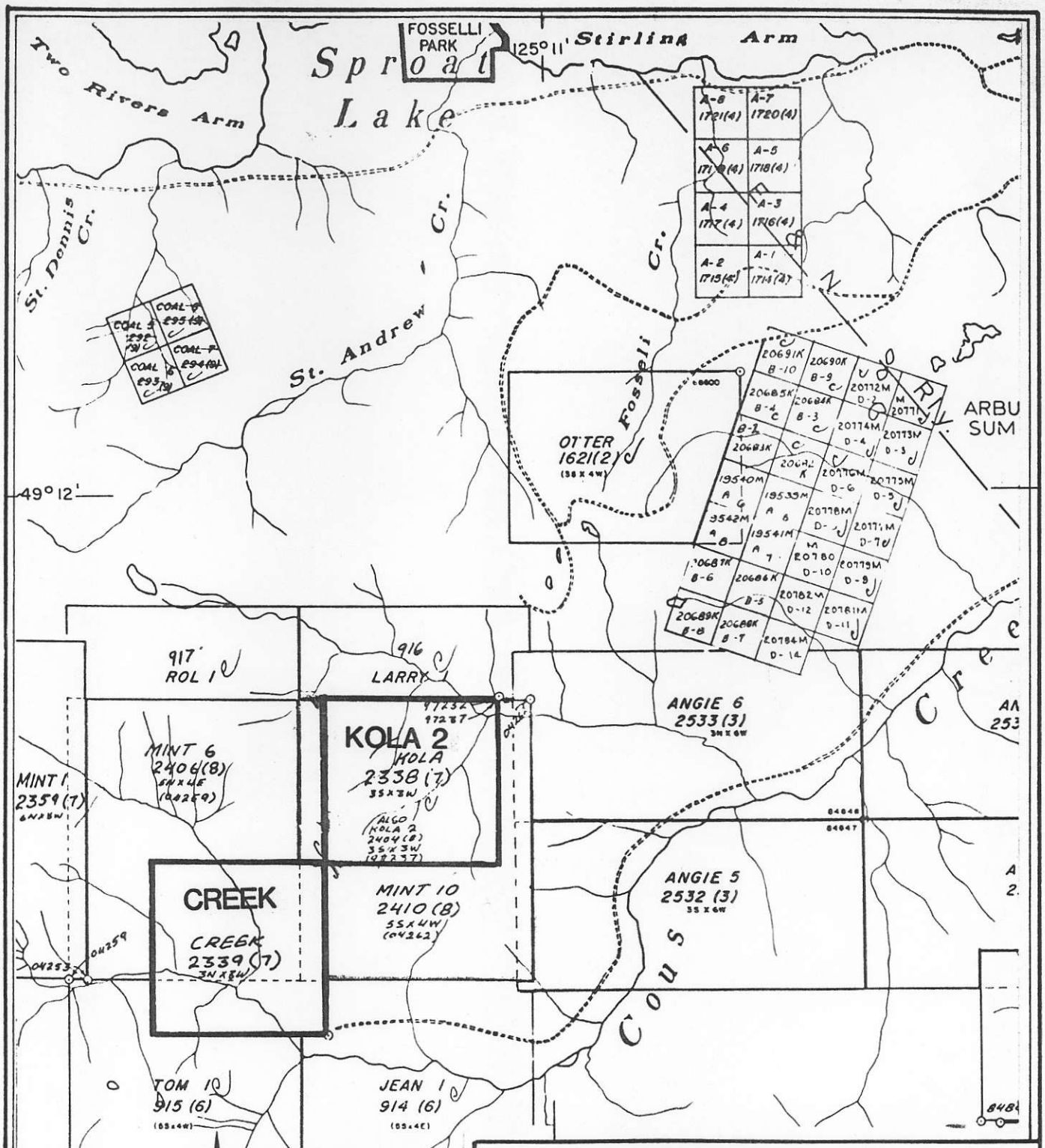
KOLA CLAIMS

COUS CREEK AREA

ALBERNI M D

CLAIM MAP

SCALE:	DATE:	N.T.S	DRAWN BY:	FIGURE:
1:50,000	JULY '85	92F/2W	GEO-COMP	2



SOOKOCHOFF CONSULTANTS INC.

AMSTAR VENTURES INC.

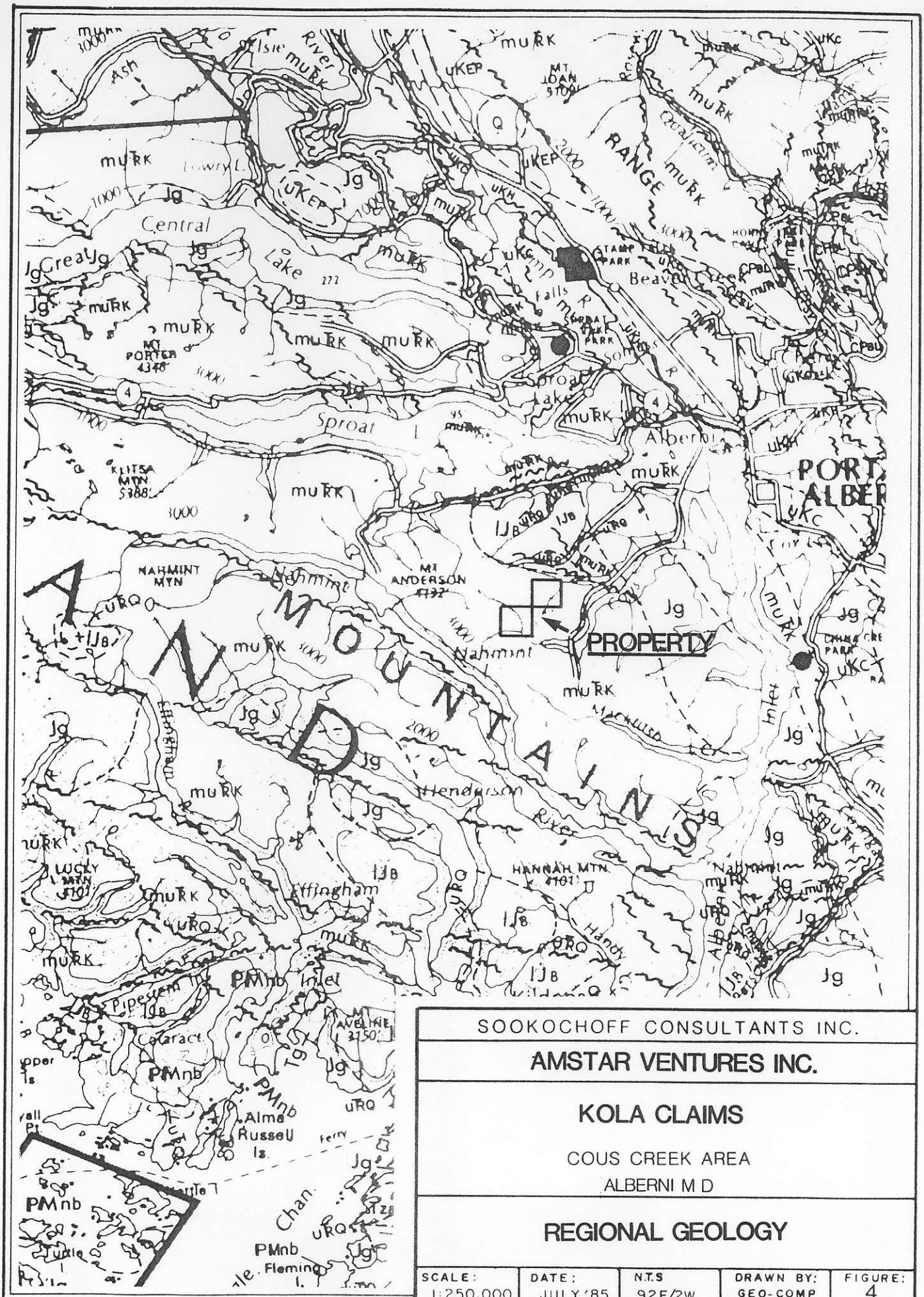
KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M D

INDEX MAP

SCALE:	DATE:	N.T.S	DRAWN BY:	FIGURE:
1:50,000	JULY '85	92F/2W	GEO-COMP	3



SOOKOCHOFF CONSULTANTS INC.

AMSTAR VENTURES INC.

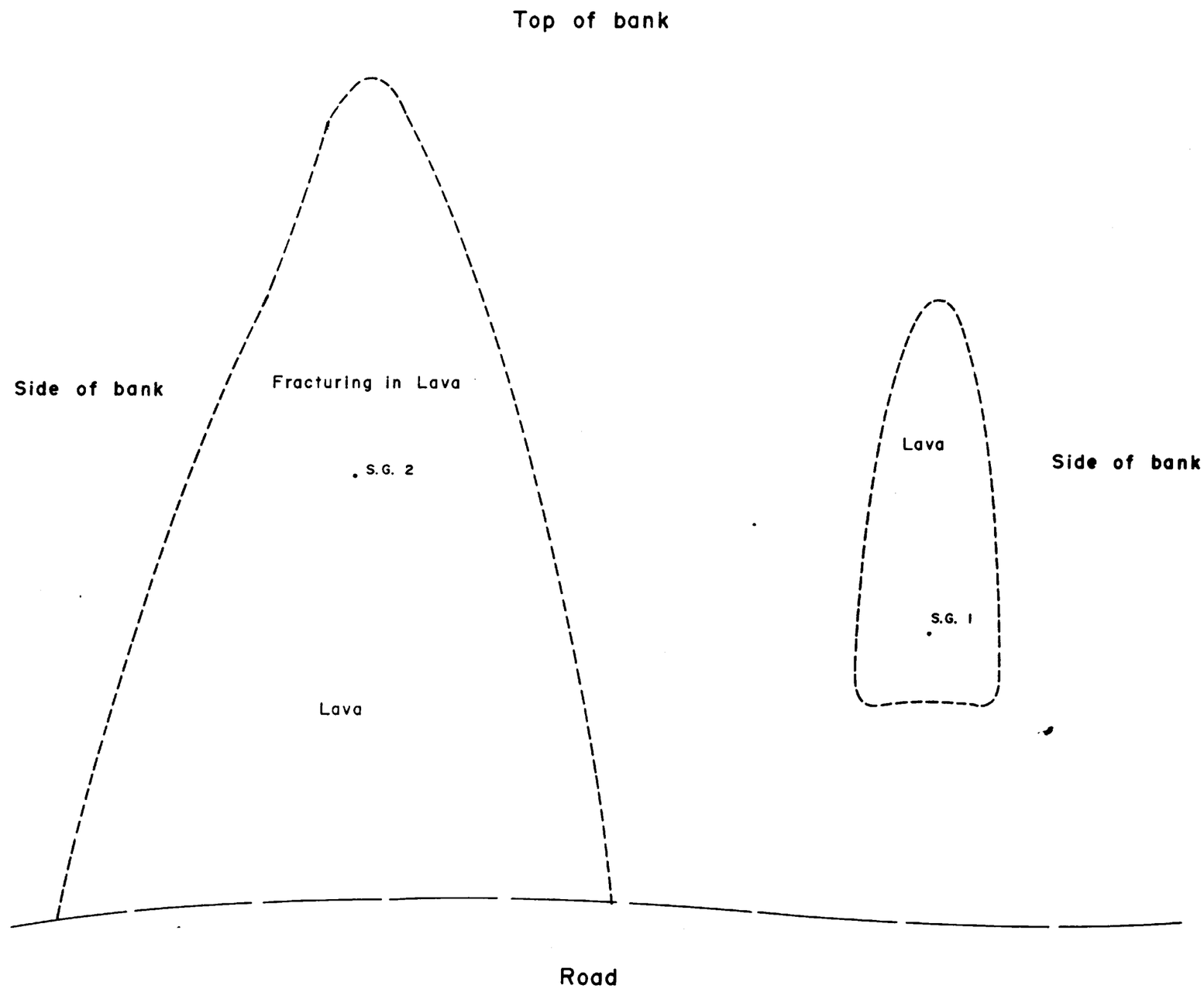
KOLA CLAIMS

COUS CREEK AREA

ALBERNI M D

REGIONAL GEOLOGY

SCALE:	DATE:	N.T.S	DRAWN BY:	FIGURE:
1:250,000	JULY '85	92F/2W	GEO-COMP	4



ASSAY RESULTS

Sample no.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
S. G. 1	< 10000	67	105	28.0	4050
S. G. 2	1130	5	112	0.8	20

LEGEND

Extent of pit work.

Soil sample.

1m 0 1m

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, PORT ALBERNI AREA

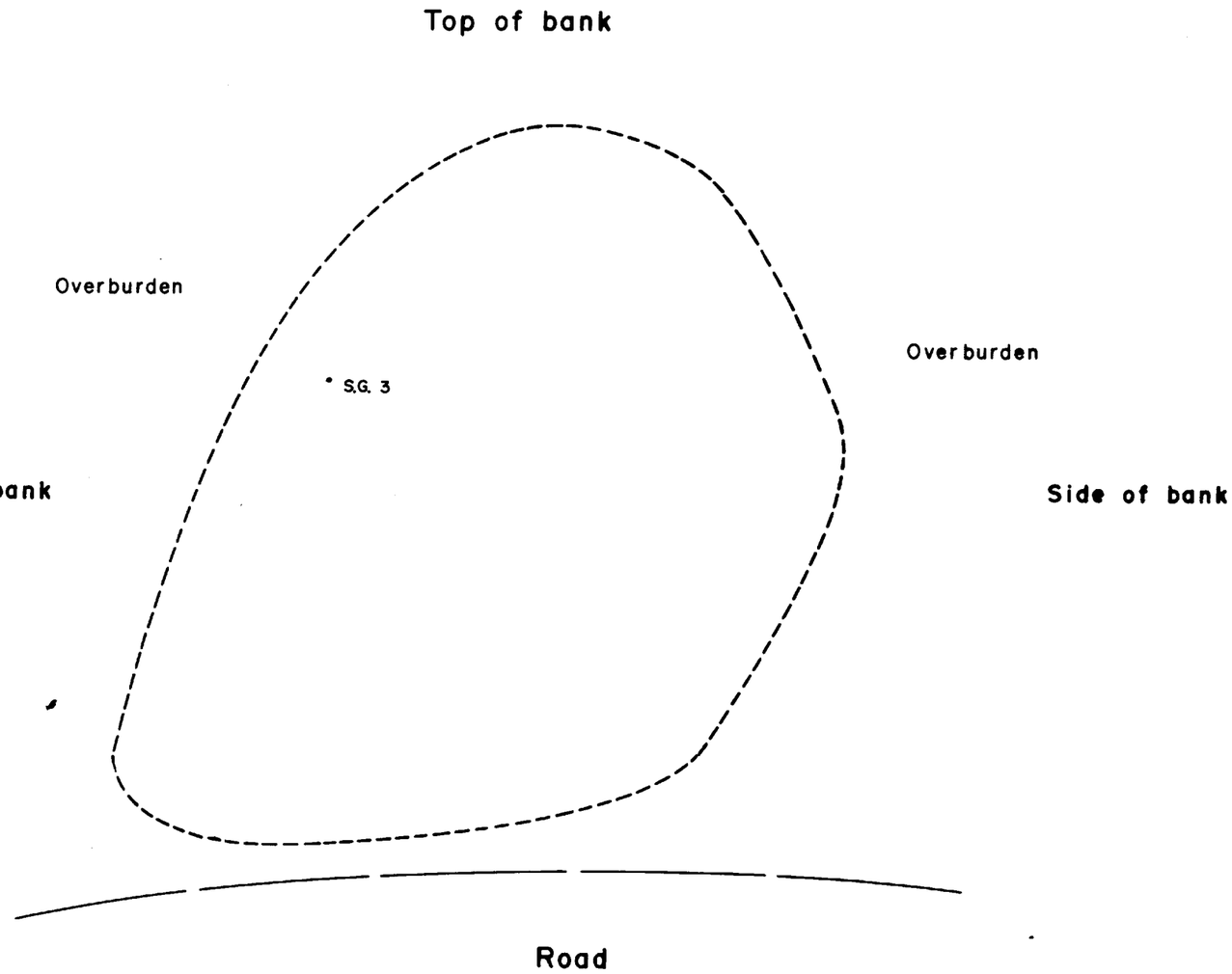
ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 1

SCALE:	DATE:	FIG.	DRAWN BY:
Appr. 1:25	May 85	12	B.D.S. / L.M.L.

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.



ASSAY RESULTS

Sample no.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
S. G. 3	300	5	82	0.8	95

LEGEND

Extent of pit work.

• Soil sample.

1 m 0 1 m

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, PORT ALBERNI AREA

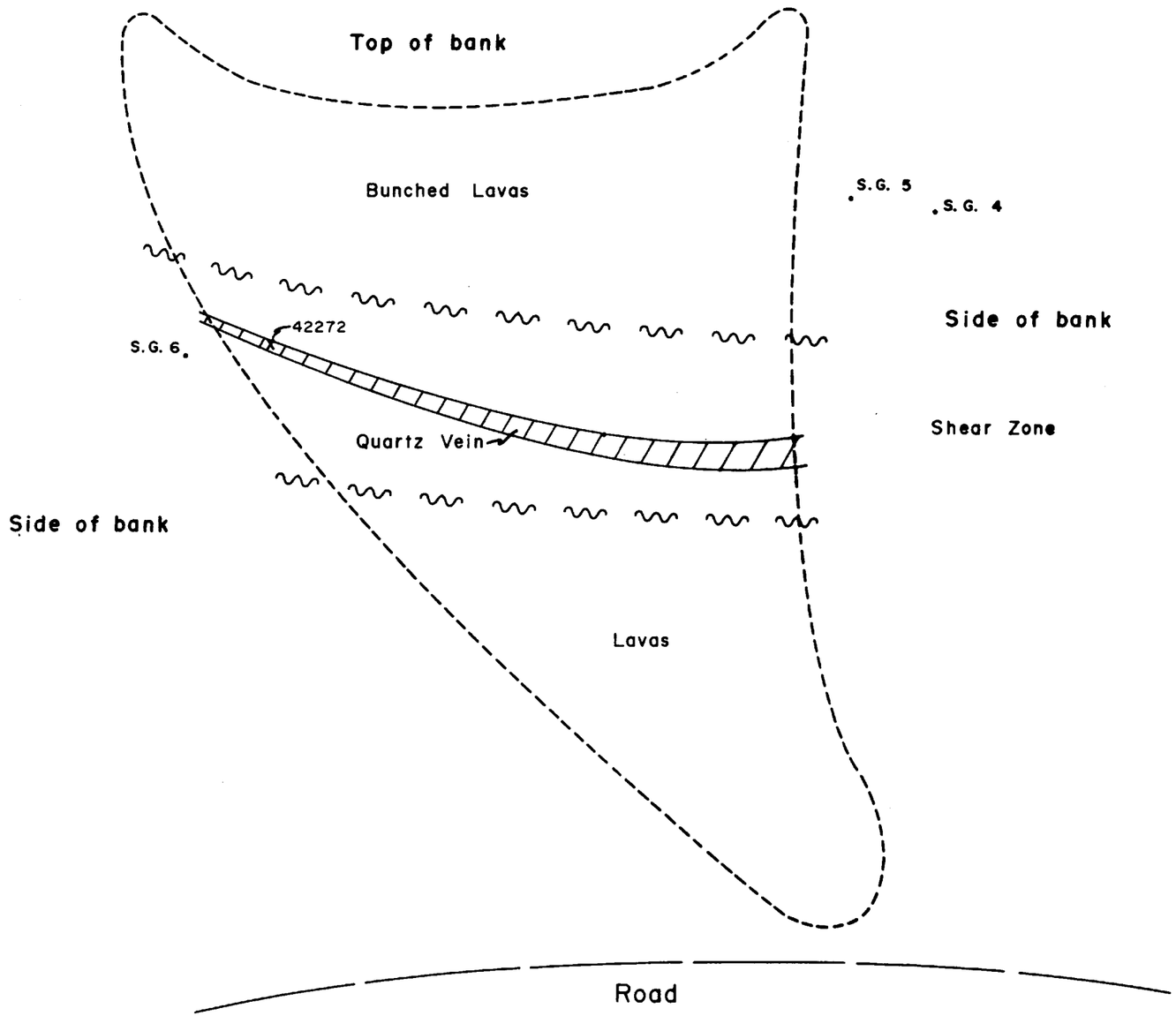
ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 2

SCALE:	DATE:	FIG.	DRAWN BY:
Appr. 1:25	May 85	13	B.D.S. / L.M.L.

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.



Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

ASSAY RESULTS

Sample no.	Cu %	Pb %	Zn %	Ag Oz/T	Au Oz/T
42272	0.53	< 0.01	0.30	0.08	0.004
	ppm	ppm	ppm	ppm	ppb
S. G. 4	820	1	49	0.4	10
S. G. 5	1630	8	63	1.2	145
S. G. 6	940	2	65	1.0	75

LEGEND

Extent of pit work.

x Rock sample.

• Soil sample.

1m 0 1m

AMSTAR VENTURES INC.

KOLA CLAIM

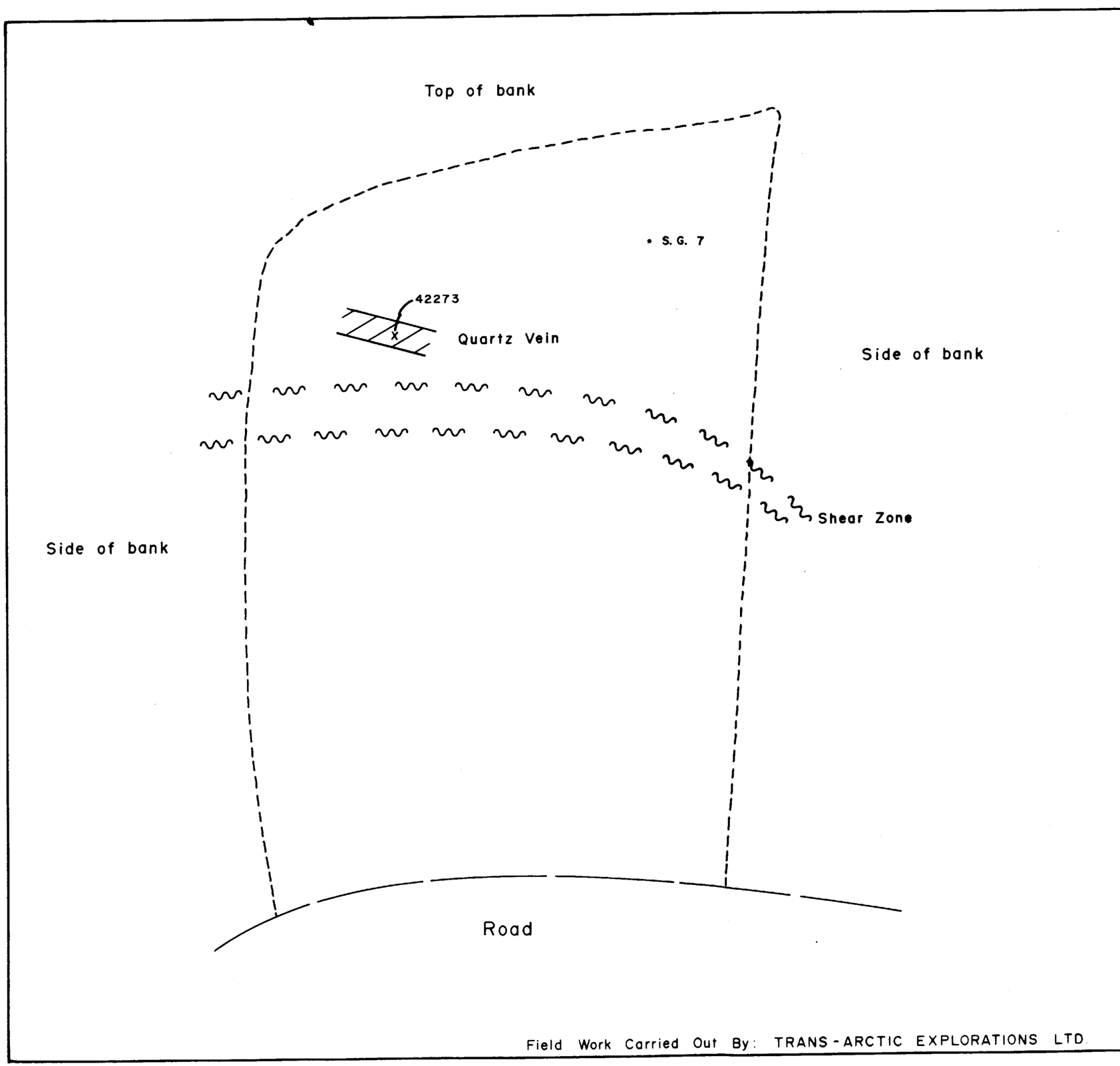
COUS CREEK, PORT ALBERNI AREA

ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 3

SCALE:	DATE:	FIG.	DRAWN BY:
Approx. 1:25	May 85	14	B.D.S / L.M.L.



Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

ASSAY RESULTS

Sample no.	Cu %	Pb %	Zn %	Ag Oz/T	Au Oz/T
42273	0.13	<0.01	0.08	0.02	0.004
	ppm	ppm	ppm	ppm	ppb
S. G. 7	1350	3	95	2.1	95

LEGEND

Extent of pit work.

x Rock sample.

• Soil sample

1 m 0 1 m

AMSTAR VENTURES INC.

KOLA CLAIM

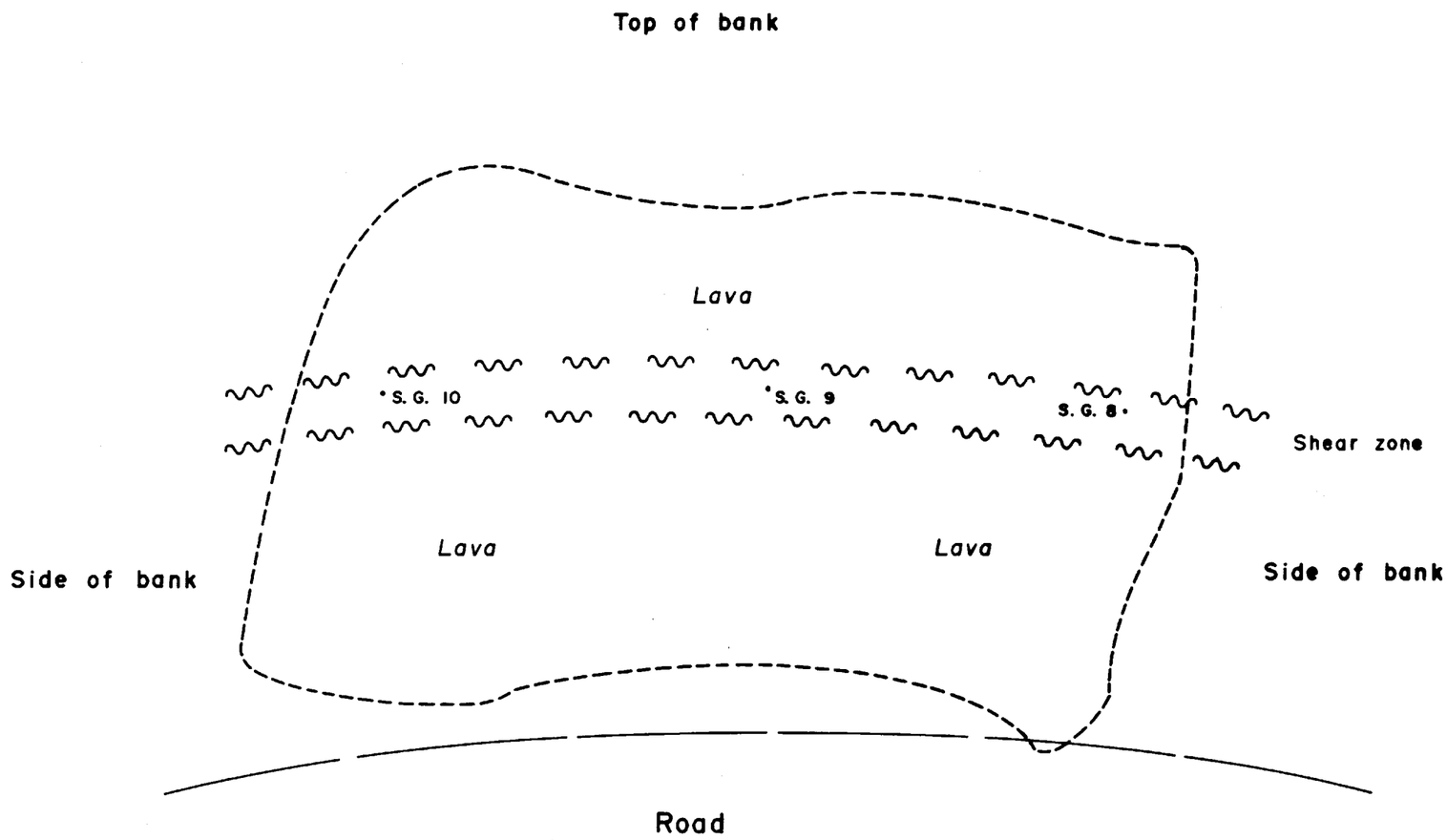
COUS CREEK, PORT ALBERNI AREA

ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 4

SCALE:	DATE:	FIG.	DRAWN BY:
Appr. 1:25	May 85	15	B.D.S / L.M.L



ASSAY RESULTS

Sample no.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
S. G. 8	1030	3	122	1.5	60
S. G. 9	1430	1	255	1.1	30
S. G. 10	500	2	42	0.7	50

LEGEND

Extent of pit work.

• Soil sample.

1 m 0 1 m

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, PORT ALBERNI AREA

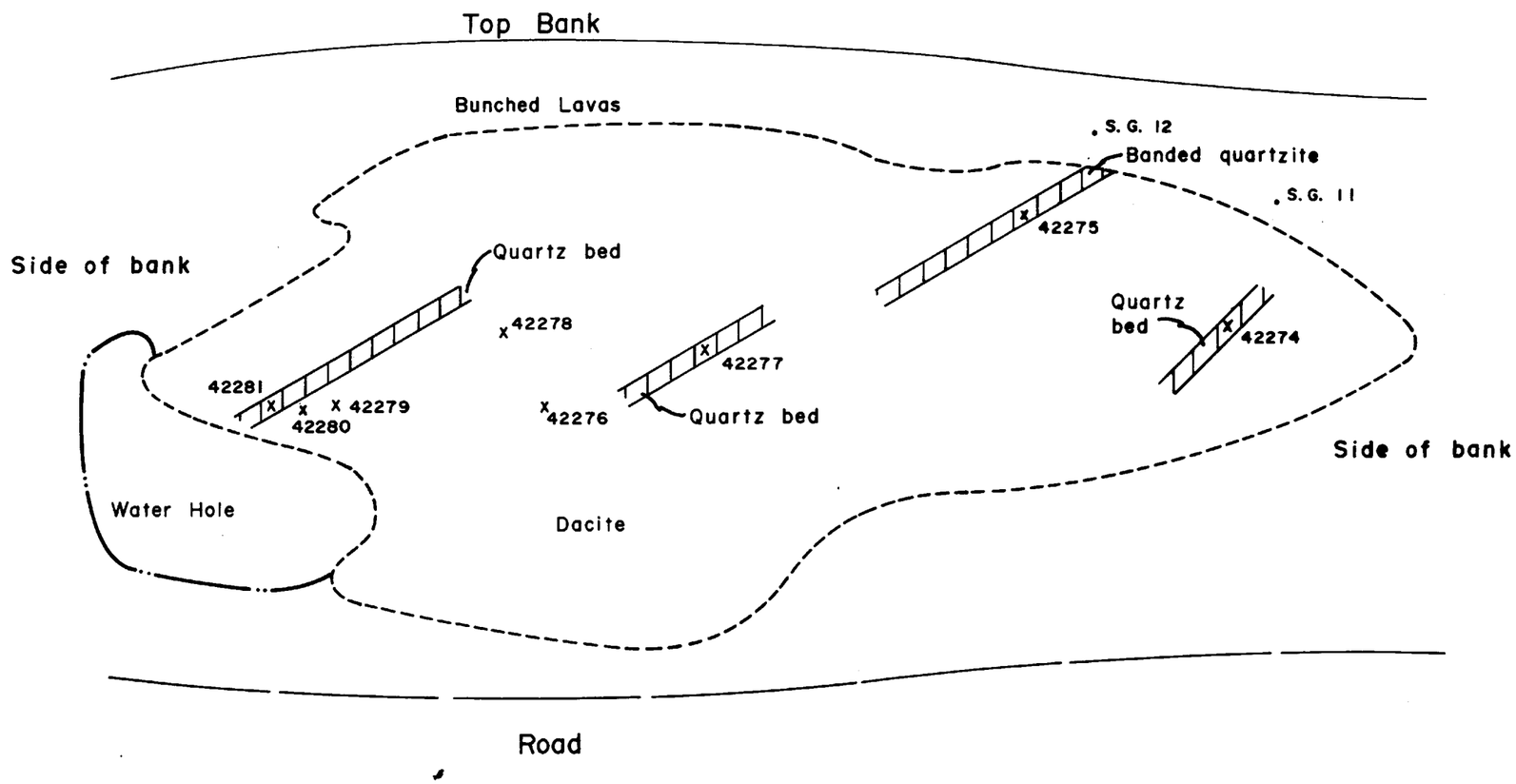
ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 5

SCALE:	DATE:	FIG.	DRAWN BY:
Appr. 1:25	May 85	16	B.D.S. / L.M.L

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.



ASSAY RESULTS

Sample no.	Cu %	Pb %	Zn %	Ag Oz / T	Au Oz / T
42274	1.80	< 0.01	0.04	0.21	0.006
75	0.41	"	0.03	0.08	0.004
76	0.12	"	0.02	0.02	< 0.003
77	0.02	"	"	0.01	"
78	0.18	"	"	0.03	0.006
79	0.98	"	0.01	0.21	0.026
80	0.03	"	"	0.02	< 0.003
42281	0.06	"	0.02	0.04	0.004
	ppm	ppm	ppm	ppm	ppb
S. G. 11	135	1	46	0.3	< 5
S. G. 12	210	1	55	0.7	15

LEGEND

- - - - Extent of pit work.

x Rock sample.

• Soil sample.

1m 0 2m

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, PORT ALBERNI AREA

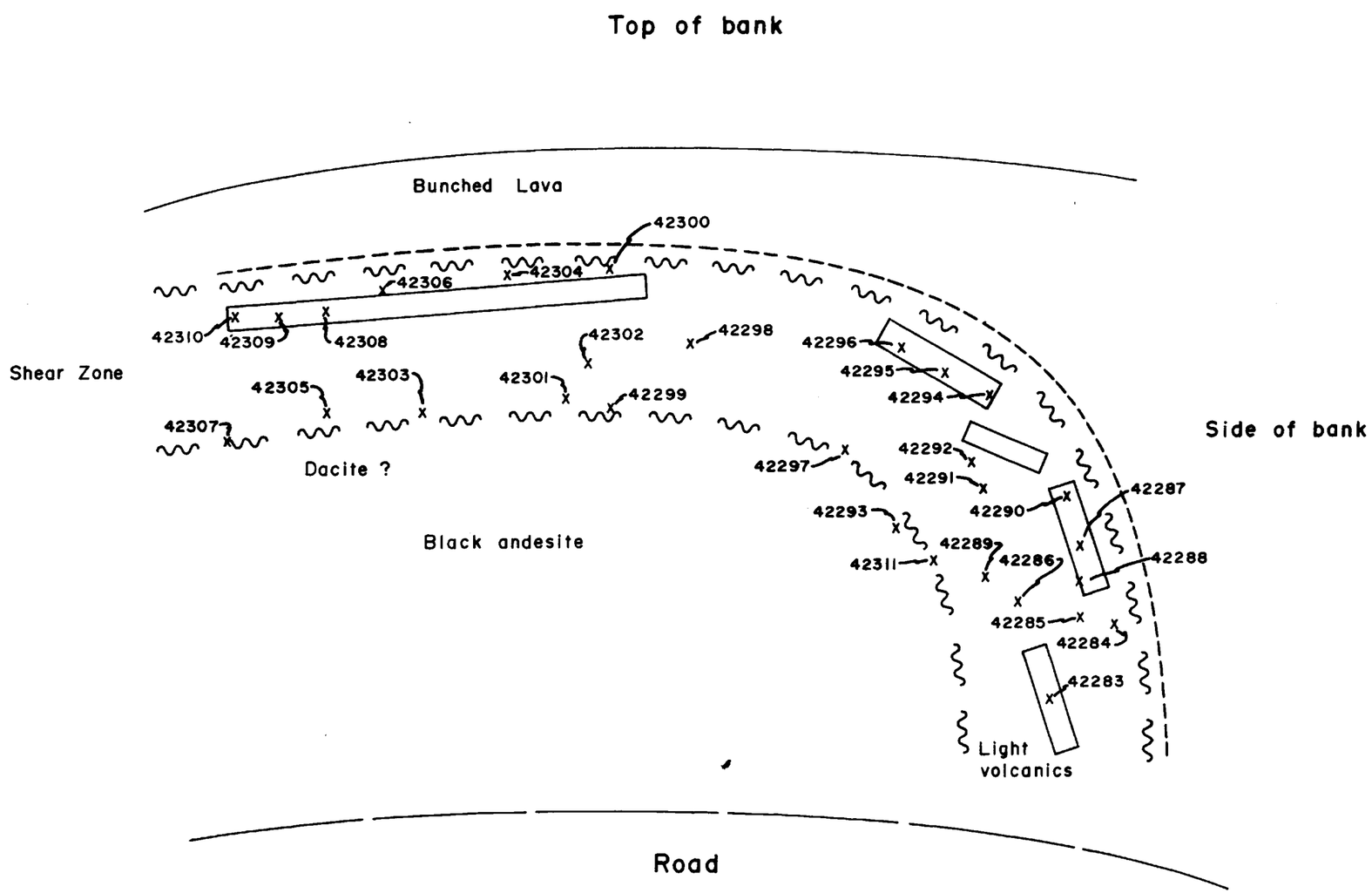
ALBERNI M.D., B.C.

TRENCHING & SAMPLING

PIT 7 & PIT 6

SCALE:	DATE:	FIG.	DRAWN BY:
1:50	May 85	17	B.D.S / L.M.L.

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.



ASSAY RESULTS

Sample no.	Cu %	Pb %	Zn %	Ag Oz/T	Au Oz/T
42283	14.20	< 0.01	0.21	2.96	0.238
84	9.80	0.01	0.06	2.78	0.202
85	1.96	"	0.01	2.08	0.198
86	11.70	< 0.01	0.04	2.14	0.224
87	10.20	"	0.06	1.67	0.232
88	17.40	"	0.16	3.26	0.244
89	8.43	"	0.09	1.26	0.158
90	29.20	"	0.18	4.71	0.328
91	20.00	"	0.04	2.57	0.234
92	10.40	"	0.03	1.45	0.126
93	12.60	"	0.01	1.83	0.186
94	13.30	"	0.22	4.54	0.156
95	3.85	"	0.05	1.01	0.006
96	0.98	"	0.04	1.25	0.008
97	12.40	"	0.09	3.56	0.178
98	3.36	"	0.08	1.45	0.110
99	0.21	"	0.01	0.08	0.004
42300	7.10	"	0.12	2.98	0.142
01	17.70	"	"	8.61	0.106
02	2.27	"	0.02	0.74	0.044
03	0.31	"	< 0.01	0.11	0.006
04	1.00	"	0.03	1.07	0.010
05	0.14	"	< 0.01	0.08	< 0.003
06	19.20	"	0.25	9.50	0.236
07	17.70	"	0.26	8.56	0.276
08	1.02	"	0.01	0.37	0.012
09	16.60	"	0.25	7.40	0.256
10	8.57	"	0.21	3.85	0.170
42311	0.31	"	0.01	0.12	0.004

1m 0 2m

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, PORT ALBERNI AREA

ALBERNI M.D., B.C.

TRENCHING & SAMPLING
PIT 8

SCALE:	DATE:	FIG.	DRAWN BY:
1:50	May 85	18	B.D.S / L.M.L.

LEGEND

- Extent of pit work
- x Rock sample
- Massive sulphide

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

LEGEND

- Claim boundary.
- Creek.
- Sample station.
- Road.
- Trail.

STATISTICAL PARAMETERS

< 5 ppb	Mean background value.
8 ppb	Sub-anomalous threshold value.
16, 30, 60, 120, 250, 450 ppb	Anomalous threshold value.

CONTOURS

Contour interval.- 1 standard deviation.

00 m 0 100 m

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

inches 0 1 2
0 1 2 3 4 5 centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

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AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M.D., B.C.

SOIL GEOCHEMISTRY

GOLD - ppb

SCALE:	DATE:	N.T.S.	FIG.	DRAFTED BY:
1:2,000	June 85.	92 F/2 W	6	B.D.S.

LEGEND

- Claim boundary.
- Creek.
- Sample station.
- Road.
- Trail.

STATISTICAL PARAMETERS

0.2 ppm	Mean background value.
0.3 ppm	Sub-anomalous threshold value.
0.5, 0.8, 1.2, 2.0, 3.0 ppm	Anomalous threshold value.

CONTOURS

Contour interval.- 1 standard deviation.

100 m 0 100 m

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

inches 0 1 2
0 1 2 3 4 5 centimetres

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KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M.D., B.C.

SOIL GEOCHEMISTRY

SILVER - ppm

SCALE:	DATE:	N.T.S.	FIG.	DRAFTED BY:
1:2,000	June 85.	92 F/2 W	7	B.D.S.

LEGEND

- Claim boundary.
- Creek.
- Sample station.
- Road.
- Trail.

STATISTICAL PARAMETERS

85 ppm	Mean background value.
155 ppm	Sub-anomalous threshold value.
275, 490, 870, 1550, 2750, 4900, 8700 ppm	Anomalous threshold value.

CONTOURS

Contour interval.- 1 standard deviation.

100 m 0 100 m

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

inches 0 1 2
0 1 2 3 4 5 centimetres

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BRITISH COLUMBIA GEOLOGICAL SURVEY

AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M.D., B. C.

SOIL GEOCHEMISTRY

COPPER-ppm

SCALE:	DATE:	N.T.S.	FIG.	DRAFTED BY:
1:2,000	June 85.	92 F/2 W	8	B. D. S.

LEGEND

- Claim boundary.
- Creek.
- Sample station.
- Road.
- Trail.

STATISTICAL PARAMETERS

2 ppm	Mean background value.
4 ppm	Sub-anomalous threshold value.
6, 9, 14 ppm	Anomalous threshold value.

CONTOURS

Contour interval.- 1 standard deviation.

100 m 0 100 m

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

inches 0 1 2
0 1 2 3 4 5 centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

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AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M.D., B. C.

SOIL GEOCHEMISTRY

LEAD-ppm

SCALE:	DATE:	N.T.S.	FIG.	DRAFTED BY:
1:2,000	June 85.	92 F/2 W	9	B. D. S.

LEGEND

- Claim boundary.
- Creek.
- Sample station.
- Road.
- Trail.

STATISTICAL PARAMETERS

62 ppm	Mean background value.
82 ppm	Sub-anomalous threshold value.
108, 140, 190, 250, 340, 430, 560, 720, 950 ppm	Anomalous threshold value.

CONTOURS

Contour interval.- 1 standard deviation.

100 m 0 100 m

Field Work Carried Out By: TRANS-ARCTIC EXPLORATIONS LTD.

inches 0 1 2
0 1 2 3 4 5 centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

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AMSTAR VENTURES INC.

KOLA CLAIM

COUS CREEK, ALBERNI AREA

ALBERNI M.D., B.C.

SOIL GEOCHEMISTRY

ZINC- ppm

SCALE:	DATE:	N.T.S.	FIG.	DRAFTED BY:
1:2,000	June 85.	92 F/2 W	10	B.D.S.