ASSESSMENT REPORTS WHITEHORSE M.D.

MAP No. 105 D 3 TYPE OF WORK: GEOLOGICAL & GEOCHEMICAL

REPORT FILED UNDER	KENNCO EXPLORATIONS, (WESTERN) LIMITED 090910
DATE PERFORMED	July & August 1981 DATE FILED: 24 September 1981
LOCATION – LAT.	60° 01'N Eastridge Lake area, Yukon
LONG.	135° 15'W
CLAIM Nos.	GOAT 1-115 YA51940 - YA52054
	GOAT 116-131 YA59674 - YA59689
WORK DONE BY	R. Pegg, P. Eng.
WORK DONE FOR	Kennco Explorations, (Western) Limited
REMARKS	

090910

STAR PRINTING WHITEHORSE

over

The 1981 program consisted of reconnaissance and detailed geological mapping and geochemical sampling. During the program, 21 heavy mineral, 20 stream sediment, 175 soil and 116 rock samples were collected and analyzed for Au, Ag, Pb, Cu, Zn, As, Mo, Sb, Sn and W. Soil, stream sediment or heavy minerals were considered anomalous if they contained greater than 35 ppb Au, 4 ppm Ag, 250 ppm Pb, 185 ppm Cu, 420 ppm Zn, 50 ppm As, 9 ppm Mo, 40 ppm Sb, 5 ppm Sn or 6 ppm W. Pb, Ag and Au results generally related to known showings.

Mineralization consists of a swarm of veins containing galena, stibnite, chalcopyrite, malachite, azurite, sphalerite, arsenopyrite, pyrite, scorodite, jarosite and pyrrhotite. Most veins are 0.1 to 5.0 m in width and are found within felsic ash flow lapilli tuffs of the McCauley Creek Formation. Argillic alteration and bleaching of country rocks occurs on either side of the veining. Seven showings have been located to date. Chip sample assays of 2.2% Cu, 1.7% Pb, 0.44% Zn, 654.9 g Ag/t, trace Au over 30 m, and 1.54% Cu, 7.23% Pb, 1.48% Zn, 5.45 g Au/t and 573.4 g Ag/t over 1.2 m were reported.

KENNCO EXPLORATIONS, (WESTERN) LIMITED

GEOLOGICAL & GEOCHEMICAL REPORT
ON GOAT GROUPS 1-9 (GOAT CLAIMS 1-131)
CLAIM SHEET 105D/3
WHITEHORSE MINING DISTRICT, YUKON

BY R.S. PEGG 09/C NOVEMBER 5, 1981.

MINING RECORDER'S OFFICE WHITEHORSE, Y.T.

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE GOAT GROUPS 1 - 9

(GOAT CLAIMS 1 - 131)

CLAIM SHEET 105D/3

DEC 10 1981

Latitude: 60° - 01' N

Longitude: 135° - 15' W

WHITEHORSE MINING DISTRICT,
YUKON TERRITORY

May - September, 1981

R. Pegg, P. Eng.,
Kennco Explorations, (Western) Limited

November 5, 1981

090910

This report has been examined by the Geological Survey Unit under [illegible] Yukon Quartz Mi[illegible] [illegible] as rep[illegible] [illegible] the amount of $ 43,700.00.

[illegible] Dubicki

for Regional [illegible], [illegible] and Geological Services for Commissioner of Yukon Territory.

KENNCO EXPLORATIONS, (WESTERN) LIMITED

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1) SUMMARY

During July and August of 1981, Kennco Explorations, (Western) Limited performed geochemical and geological surveys on the Goat claims which are situated approximately twenty-five kilometers west-south-west of Carcross, Y.T. The claims lie within the Bennett Lake Cauldron Subsidence Complex which has been dated as being Tertiary in age. Tuffs and ash flow lapilli tuffs predominate within the claim area which has very rugged terrain and is mostly above treeline.

The geochemical results and geologic observations indicate a swarm of hydrothermal veins which contain silver, lead, zinc, copper, arsenopyrite, pyrite and some gold. The majority of these veins are found within felsic ash flow lapilli tuffs of the MacAuley Creek Formation and they measure 0.1 to 5.0 meters in width. Although the nature and type of mineralization varies, argillic alteration and bleaching of the country rocks on either side of the veining is very distinctive. Topographically, these veins occupy saddles or gullies as there has been partial erosion.

In order to further determine the economic viability of this property, it appears that additional prospecting of the claims is required as well as trenching of the bleached zones within the felsic ash flow lapilli tuffs.

2) INTRODUCTION

i) Location, Access and Topography

The GOAT claims are situated approximately twenty-four kilometers west-south-west of the town of Carcross, Y.T. They stretch from the B.C.-Yukon border, west of Partridge Lake, in a north-easterly direction.

Access is by helicopter from Whitehorse, Y.T. or Atlin, B.C. or to Partridge Lake by fixed wing aircraft from Whitehorse.

The topography is quite rugged, with the maximum relief being approximately 1400 meters (700 r to 2100 m). The claim area is almost entirely above treeline and contains four permanent ice fields. Talus cover and periglacial deposits constitute approximately 80% of the claim area with the remainder being outcrop. There are several areas where the terrain is too rugged to be investigated.

ii) Property Definition

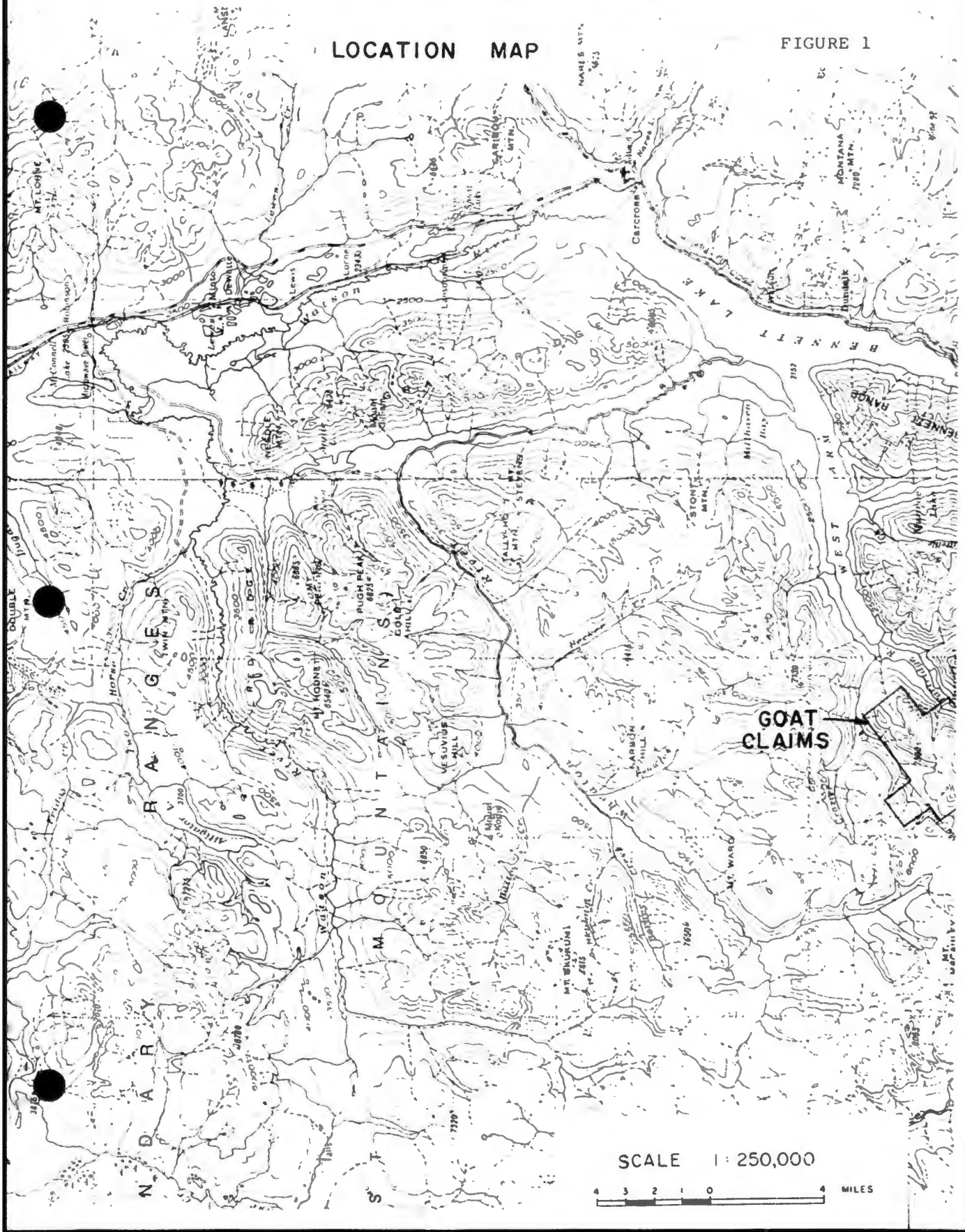
The property consists of one hundred and thirty-one (131) claims, 9 claim groups, of which one hundred and fifteen (115) claims were staked in September of 1980 and sixteen (16) were staked in March of 1981 (GOAT #116-#131). The following tables list the grant numbers of the claims and the compositions of the different claim groups :

Claim Names	Grant Numbers	Ownership
GOAT #1-115	YA51940-YA52054	Kennco Explorations, (Western) Limited.
GOAT #116-131	YA59674-YA59689	Kennco Explorations, (Western) Limited.

Claim Group	Claim Names
GOAT #1 (15 claims)	GOAT #1,2,3,5,31,32,33,34,35,36,57,58, 59,60,62.
GOAT #2 (16 claims)	GOAT #4,6,7,8,9,10,12,14,16,18,37,38, 40,61,63,64.
GOAT #3 (16 claims)	GOAT #11,13,15,17,19,20,39,42,65,66,81, 82,83,94,124,126.
GOAT #4 (15 claims)	GOAT #21,22,41,43,46,48,50,67,68,70,72, 84,86,125,127.

LOCATION MAP

FIGURE 1



Claim Group	Claim Names
GOAT #5 (15 claims)	GOAT #23,24,44,45,47,49,52,54,69,71,74, 85,88,116,118.
GOAT #6 (16 claims)	GOAT #25,56,79,91,92,95,97,100,101,102, 104,105,106,107,108,109.
GOAT #7 (16 claims)	GOAT #26,27,28,29,30,98,99,110,111,112, 113,114,115,117,119,121.
GOAT #8 (15 claims)	GOAT #51,53,55,73,75,76,77,78,80,87,89, 90,93,96,103.
GOAT #9 (7 claims)	GOAT #120,122,123,128,129,130,131.

iii) Previous Work

[a] Industry

(i) Between 1962 and 1964 Kennco Explorations, as part of a regional exploration program did stream sediment sampling throughout the area. These samples were analyzed for silver-lead in 1980 and the results from these samples, plus a few days of prospecting, led to the staking of the GOAT claims.

(ii) In 1972 and 1973 a block of claims (30) was staked near the B.C.-Yukon border by Adastral Mining Corporation Limited to cover the probable source of "high grade" (Cu, Pb, Zn, Ag and Au) float, found within what is now the Goat claims. At present, only the Ridge #5,13 and 17 claims are in good standing.

[b] Government

The claim area was previously mapped by the G.S.C., on a reconnaissance scale of 1 inch to 4 miles, under the direction of J.O. Wheeler during the period of 1949 to 1953.

The Bennett Lake Caldera was mapped by the G.S.C. under the direction of M.B. Lambert at a scale of 1:25,000 during the period of 1968 to 1970. The government mapping is excellent.

iv) Current Work Program

A crew of eight men, a Hughes "500C" helicopter and a cook, who were based in a tent camp on Partridge Lake, performed geological and geochemical work on the Goat claims during the period of July and August, 1981. The work included reconnaissance

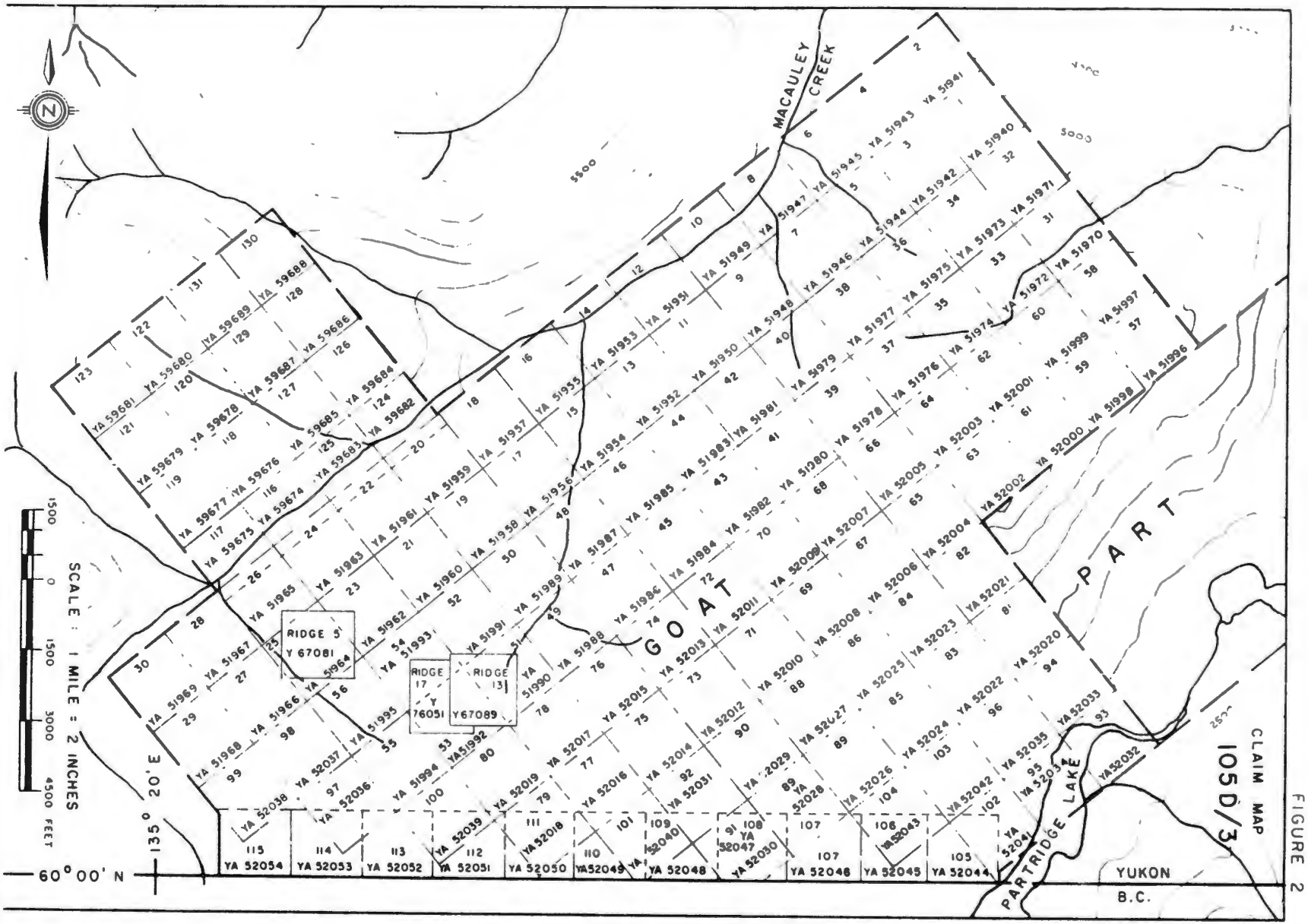

MACAULEY CREEK
GOAT
PART
RIDGE 5
Y 67081
RIDGE 17
Y 76051
RIDGE 13
Y67089
SCALE : 1 MILE = 2 INCHES
1500 0 1500 3000 4500 FEET
135° 20' E
60° 00' N
PARTRIDGE LAKE
YUKON
B.C.
CLAIM MAP
105 D/3

FIGURE 2

TABLE I

TABLE OF FORMATIONS

(Lambert, 1974)

QUATERNARY

PLEISTOCENE AND RECENT

Unit 17 Colluvium and undifferentiated surficial deposits; 17a, alluvium, sand, silt, gravel.

Unit 16 Glacial deposits; moraine, sand, gravel.

TERTIARY

EOCENE

Unit 15 Rhyolite, dacite, andesite, basalt and tuff dykes, sills and minor lavas; ages equivalent to 5 to 14 or younger.

Unit 14 Rhyolite ring dyke and related intrusions.

SKUKUM GROUP (UNITS 5-13)

Unit 13 Boudette Creek Formation: ignimbrite, minor tuff; 13a, granitic boulder conglomerate.

Unit 12 Crozier tuffs and lavas: tuff, ignimbrite; 12a, rhyolite lavas; 12b, siltstone, grit; 12c, volcanic breccia; probably equivalent to 10.

Unit 11 Crozier breccias: volcanic and granitic fragment breccias and conglomerates with minor sandstone and tuff; 11a, siltstone; considered to be equivalent to 9 but may in part be equivalent to 7.

Unit 10 Jones Creek Formation: 10a, basalt with minor volcanic breccias; 10b, rhyolite lavas and related dykes; 10c, tuff, ignimbrite, sandstone.

Unit 9 Lemieux Creek Formation: granitic boulder conglomerate; minor sandstone, tuff and ignimbrite (locally interfingering with 8); 9a, tuff breccia and andesite breccia (age relative to 6, 7, and 8 uncertain); 9b, granitic-volcanic boulder conglomerate; 9c, granitic breccia.

Unit 8 MacAuley Creek Formation: 8. Undifferentiated 8b. Member B: ignimbrite, densely welded, minor tuff, volcanic breccia and lavas. 8a. Member A: ignimbrite, partly welded.

Unit 7 Gault Formation: granitic boulder conglomerate, sandstone, minor siltstone, shale, tuff and volcanic breccia.

Unit 6 Cleft Mountain Formation: 6. Undifferentiated
6e. Member E: lithic and feldspathic wacke, tuff
6d. Member D: ignimbrite
6c. Member C: andesite lavas
6b. Member B: felsophyric dacite lavas
6a. Member A: ignimbrite.

Unit 5 Partridge Lake Formation: 5. Undifferentiated tuff; minor lavas, volcanic breccia and granitic breccia; may contain part of 8a near MacAuley Creek valley
5d. Granitic boulder conglomerate and breccia; age uncertain.
5c. Member C: ignimbrite, non- to partly welded; lapilli tuff, tuff breccia.
5b. Member B: ignimbrite, partly welded; minor dacite and andesite lavas.
5a. Member A: ignimbrite, non-welded.

Unit A Ignimbrite; minor tuff; considered to be related to 13.

Unit B Ba, tuff; Bb, ignimbrites; considered to be related to 10 or 13.

Unit C Ca, tuff; Cb, andesite; Cc, rhyolite; considered to be related to 10.

Unit D Da, tuff, ignimbrite, volcanic breccia, dacite and rhyolite lavas; minor siltstone, granitic boulder-bearing sandstone; Db, ignimbrite; probably related to 10.

Unit E Ea, volcanic breccia; Eb, andesite.

CRETACEOUS AND TERTIARY

COAST PLUTONIC COMPLEX

PALEOCENE (?) OR EARLIER

Unit 4 Leucocratic granite; 4a, possible ring fracture intrusion (age uncertain relative to 5).

UPPER CRETACEOUS OR LOWER TERTIARY

Unit 3 3a, hornblende-biotite quartz monzonite; 3b, pink quartz monzonite; 3c, fine grained biotite quartz monzonite.

Unit 2 2a, hornblende and biotite-hornblende granodiorite; 2b, biotite and hornblende-biotite granodiorite.

Unit 1 Yukon Group
Quartzite, mica-quartz schist, mica (or hornblende) quartz-feldspar gneiss, altered gneissic quartz diorite; minor marbles.

and detailed geological mapping and geochemical sampling. This was done in order to find the source of the anomalous silt sample results which came from creeks draining various areas of the claim group.

A total of twenty-one (21) heavy mineral (-20 mesh) samples, twenty (20) silt samples, one hundred and seventy-five (175) soil samples and one hundred and sixteen (116) rock samples were collected during the course of the project. A picketed soil grid of 6.3 line kilometers was completed and claim posts were erected and tagged. Geological mapping was done, mostly, on a scale of 1:5,000 using a prepared base map. Some detailed geology was completed in areas of interest, when time permitted. Sample location and geologic mapping control was through the use of the 1:5,000 map, altimeters and rough triangulation.

Since work was being completed on various projects, the personnel involved varied during the summer.

3) GEOLOGICAL SURVEY

i) Regional Geology

The Goat claims lie in the approximate center of the Bennett Lake Caldera, as mapped by Lambert. The Caldera is of Tertiary age (Lambert, 1974) and is described as being of resurgent type; in this case resulting in two nested calderas. Most of Kennco's claim area lies within the inner caldera but rocks from both the primary and secondary, outcrop on the claims. A vast majority of the outcrop that was observed has been mapped by Lambert as felsic ignimbrites but these are more likely to be tuffs and ash flow lapilli tuffs. Generally, these units are moderately to densely welded at their base, exhibit little or no welding near their centers and are often vesicular and bleached with argillically altered fragments near the tops. Since all the rocks within the claim block (and calderas) are completely crystallized, the degree of welding was estimated by the amount of visible deformation of pumice shards and fragments in each specimen. All of the units are completely devitrified. The percentage of fragments within these lapilli tuffs varies from 1% to (rarely) 80%, often over a few tens of feet. The calderas are surrounded by granitic rocks of the Coast Plutonic Complex which contain isolated pendants or large zenoliths of quartz-rich metamorphic rocks of the Yukon Group (Paleozoic).

ii) Property Geology

Lambert had divided the rocks of the Bennett Lake Cauldron Subsidence Complex into twenty (20) distinct units of which six (6) were observed to outcrop within the claim area. The following geologic formations have been listed according to age and structural event as taken from Lambert's report (page 149).

Partridge Lake Formation (Unit 5 from Lambert's Map)

Lithology: It is generally found as light-grey, fine-grained matrixed felsic ash flow lapilli tuffs and tuffs. Feldspathic phenocrysts with lesser amounts of pumice shards and fragments, flow banded rhyolite and rare mafics and granite make up the bulk of the fragmental material. Most outcrops, observed, were non to poorly welded. Locally, it was found to be moderately welded.

It lies unconformably on (brecciated and shattered) monzonites and granodiorites of the underlying intrusive complex. It outcrops at lower elevations throughout the property and everywhere except the extreme north, forms its basal member. Lambert has catagorized this formation as representing "the emplacement of the first cycle of voluminous ash flows" following "shattering and brecciation of granitic rocks along the northern

and eastern parts of the ring fracture system by subterranean explosions and explosive volcanic eruptions."

Cleft Mountain Formation (Unit 6)

Lithology: Five distinctive rock types of this unit were observed during traverses.

(1) Dark grey-black, fine-grain matrixed felsic ash flow lapilli tuff which forms the basal outcrop along the eastern edge of MacAuley Creek opposite the junction of the creek with its major eastern tributary.

(2) A small knob-like outcrop of intermediate black, fine-grain matrixed ash flow lapilli tuff with a predominance of mafic fragments which occurs on the first ridge south of the junction of MacAuley Creek with Crozier Creek.

(3) Medium grey-dark greenish grey; intermediate lavas of andesite to dacite composition. They are fine-grained and massive with rare feldspathic phenocrysts.

(4) Light-medium grey matrixed felsic ash flow lapilli tuffs, interbedded with massive medium grey intermediate fine-grained lava flows.

(5) Medium grey, fine-grained massive felsic tuffs.

These last three types were observed in traverses north-west of Partridge Lake. Where found on the property, this formation conformably overlies the Partridge Lake Formation.

The ash flow tuffs are generally non to partly welded with fragmental composition percentage a bit more mafic than that of the Partridge or MacAuley Formations.

Lambert has catagorized this Formation as representing an "effusion of ash flows and lavas" following the first caldera collapse after the emplacement of the Partridge Lake Formation.

Gault Formation (Unit 7)

Lithology: Primarily an oligomictic (rarely polymictic) granitic boulder conglomerate with minor siltstones and grits. Granite clasts are generally well rounded and oblate (rare quartz and ash flow clasts observed) and comprise up to 50% of the rock. The matrix is a greenish grit. No bedding was observed within the unit with the exception of the siltstones and grit. The formation was found in outcrop on the north side of the valley above "Tough" Creek and swings to the northwest of Partridge Lake. It conformably overlies the Partridge Lake formation here and Lambert also has it as conformably overlying the Cleft Mountain Formation

further to the north although none of our traverses contacted it except in talus in this area.

He states that this unit represents "a period of erosion with caving and avalanching from unstable caldera walls".

MacAuley Creek Formation (Unit 8)

Lithology: This unit is characterized by dark-grey to black, fine-grain matrixed felsic ash flow lapilli tuffs and tuffs. Inclusions are almost always lighter in colour and are composed of the usual assortment of rock types, as first described in the Partridge Lake Formation. The fragments, though, are generally apt to exhibit more welding than described in the previous formations and locally, they can be densely welded, such as southwest of the "Jones Showing" near the contact with the Partridge Lake Formation. This is to be expected here, as it is at the base of a thick ash flow unit. Often the outcrops observed contain less than 5% fragments. The formation is found throughout the upper portions of the claim group area and, except in the south-west, forms the uppermost preserved unit. Where observed, it disconformably overlies the Partridge Lake Formation and Cleft Mountain Formation and conformably overlies the Gault Formation. This formation and the Partridge Lake Formation form both the thickest and most extensive units within the claim group.

Lambert refers to the MacAuley Creek Formation as representing the "emplacement of the second cycle of voluminous ash flows" following "arching of the subsided caldera block and formation of the inner ring fracture system".

Crozier Breccias (Unit 11) and Crozier Tuffs (Unit 12)

Lithology (Unit 11) This unit, where observed, on the property, occurs on either side of a small cirque west of MacAuley Creek. On the south side of the cirque, it is composed of unsorted granite boulder conglomerates with sub to (rarely) well rounded oblate clasts, up to 40% of the rock, set in a fine-grained to gritty greyish matrix. Along the north side of the cirque near its mouth the conglomerate again outcrops. It is polymictic here, however, and much thinner. The clasts are generally of cobble size (rarely boulder) and are composed of quartz and volcanics as well as granite. Some minor siltstone was also observed.

Lithology (Unit 12) This unit is observed in the same area as Unit 11. In the south rim of the cirque, it is composed of greyish siltstones and grits and interbedded (?)*(1) bleached flow banded rhyolites. These often exhibit a spherulitic texture. Much of the banding is highly contorted and has a distinctive

*(1) Lambert shows these as being intrusives.

light rusty hue. On the north rim of the cirque, the unit again occurs; this time interbedded with a purplish grey ash flow lapilli tuff which exhibits moderate welding.

Fragment composition and percentage are the same as for the Partridge Lake Formation. At the north rim the "Crozier Breccia Formation" conformably overlies the MacAuley Creek Formation while on the southern rim, it is the Crozier tuffs which do, leading one to believe that there is some interfingering within these units.

Lambert refers to them as representing a "period of erosion with caving and avalanching from caldera walls" with "effusion of ash flows and lavas following the second (inner) caldera collapse with progressive subsidence".

Assorted Dykes, Sills and Lavas (Unit 15)

Numerous small dykes and sills were observed on the property. They vary in composition from acid to mafic and from fine to coarse in grain size. There are, however, two areas of intrusives, not previously mentioned, on a noticeably larger scale. One occurs on the west side of Partridge Lake, north of the Lake. It appears to be fault bounded on the south and tapers to the north. It is composed of a bleached and rusty weathering, flow banded rhyolite.

The second occurs on the north and south walls of the small cirque which forms the southern boundary of the Ridge 5 claim. Again the intrusive is composed of bleached and rusty weathering felsic material. No flow banding was observed. It does contain some feldspar phenocrysts and rare quartz eyes. Trace disseminated pyrite was observed in samples taken from the southern rim.

iii) Mineralization

Numerous mineral occurrences were observed in outcrop and float throughout the claim area. These include galena, stibnite, chalcopyrite, malachite, azurite, sphalerite, arsenopyrite, pyrite, fluorite, scorodite, jarosite, and pyrrhotite. The arsenopyrite-galena veining, which contains anomalous silver and some gold, near the Ridge claims appears to be the most promising. This hydrothermal veining is usually found in narrow (usually less than 5 meters), argillically altered zones within black matrixed, felsic ash flow lapilli tuffs of the MacAuley Creek Formation. The veins themselves, are narrow (generally less than 0.6 meters wide) and are composed of a quartz-carbonate gangue with varying amounts of jarosite, scorodite, arsenopyrite, pyrite, galena, malachite, chalcopyrite, and sphalerite as well as some chalcedony and fluorite.

The main showings which were found during the work program are as follows:

Jones Showing

Location: Occurs along claim boundary line between YA51944 and YA51945 about 200 meters from the #1 posts *(2). Width: 25 meters; vertical extent probably 80± meters; extent exposed along strike - 100± meters; trends north-east, Dip-vertical.

Mineralization & Lithology: It consists of patches of malachite and discontinuous veinlets of galena within sheared and brecciated Partridge Lake Formation ash flow lapilli tuffs near their contact with underlying brecciated diorites and granodiorites. Mineralization may possibly be related to topographic expression of granodiorites.

Sampling: Primary grab sample of best mineralization.

	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au	length
81K-R025	2.2	1.7	0.44	19.1	Tr.	30m

Followup chip sampling in four sections across visibly mineralized zones.

	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au	width
Section #1 average	0.11	0.08	0.05	1.03	0.001	24m*(3)
#2 average	0.27	0.24	0.05	1.88	0.001	24m
#4 average	0.29	0.34	0.05	1.80	0.001	21m
#3 average	0.02	0.02	0.01	0.16	0.001	36m

Section #3 represents the bottom of the zone where the volcanics rest unconformably on a brecciated quartz monzonite.

Chip Sample numbers (over 3m): 81K-R054 → 079 and 081 → 089, 81K-R109 and 110.
grab : 81K-R025.

Joke Showing

Location: South of the southern boundary of "Ridge # 5 " (Y67081) on Goat YA51964 (in a gulley) at the northern wall of a small cirque.

Mineralization & Lithology: Consists of a massive sulphide vein (galena, sphalerite, arsenopyrite, chalcopyrite, and minor pyrite, fluorite and quartz-carbonate) about 0.3 to 1.0 meters wide in observed

*(2) for detailed geology and geochemistry, see "Jones Showing" maps
*(3) includes a resample of 81K-R068 (taken by a field assistant which ran anomalously high) with 81K-R109 taken later.

outcrop with 1-2% fine-grained, disseminated arsenopyrite and galena occurring in an argillically altered zone on either side. The total width of the zone is about 1.2 meters.The wall rock is unaltered black matrixed, felsic ash flow lapilli tuff of the MacAuley Creek Formation.

Sampling: Grab of massive sulphides 81K-R051 - chip across zone 81K-R050.

	%Cu	%Pb	%Zn	%As	oz/t Au	oz/t Ag	width
81K-R050	1.54	7.23	1.48	9.8	0.159	16.75	1.2m
81K-R051	2.17	12.56	4.8	20.4	0.167	38.5	-

Samples on narrow veins and associated ash flows were also taken 70 meters to 150 meters above (and to the east) of the Joke Showing *(4). Assay values are listed below.

Sample #	width(m)	rock type	%Cu	%Pb	%Zn	%As	oz/t Ag	oz/t Au
81M-R089	grab	vein	0.14	2.54	1.16	2.70	1.49	0.118
81M-R090	chip 1.5	ash flow (Unit 8)	0.039	0.28	0.19	0.29	0.80	0.002
81M-R092	chip 2.45	chalcedony vein	0.022	0.66	0.48	0.93	1.39	0.410
81M-R091	chip 2.8	ash flow (Unit 8)	0.012	0.30	0.14	0.50	0.52	0.009
81M-R093	chip 5.0	ash flow (Unit 8)	0.003	0.01	0.03	0.05	0.06	0.002
81M-R094	chip 5.0	ash flow (Unit 8)	0.004	0.01	0.05	0.06	0.07	0.002
81M-R095	chip 5.0	ash flow (Unit 8)	0.003	0.01	0.02	0.07	0.07	0.002
81M-R096	chip 5.0	ash flow (Unit 8)	0.005	0.01	0.05	0.08	0.15	0.001
81M-R097	chip 4.95	ash flow (Unit 8)	0.007	0.02	0.04	0.06	0.16	0.006
81M-R098	chip 3.3	chalcedony vein	0.013	0.02	0.04	0.16	0.11	0.002
81M-R099	chip 5.0	ash flow (Unit 8)	0.002	0.01	0.03	0.18	0.04	0.001
81M-R100	chip 5.0	ash flow (Unit 8)	0.002	0.01	0.03	0.05	0.02	0.002
81M-R101	chip 5.0	ash flow (Unit 8)	0.003	0.01	0.03	0.05	0.01	0.002
81M-R102	chip 5.0	ash flow (Unit 8)	0.016	0.04	0.05	0.08	0.19	0.002
81M-R103	chip 0.6	vein	0.246	12.25	0.62	8.40	17.5	0.190

The samples taken of intraveinal ash flow lapilli tuffs of Unit 8 are geochemically dead. The vein material sampled above the JOKE showing shows a decrease in sulphides and corresponding silver values. There is, however, an increase in gold values (sample 81M-R092) which may mean a metal zonation within the system. From the limited vertical sampling done, it is too early to tell for certain.

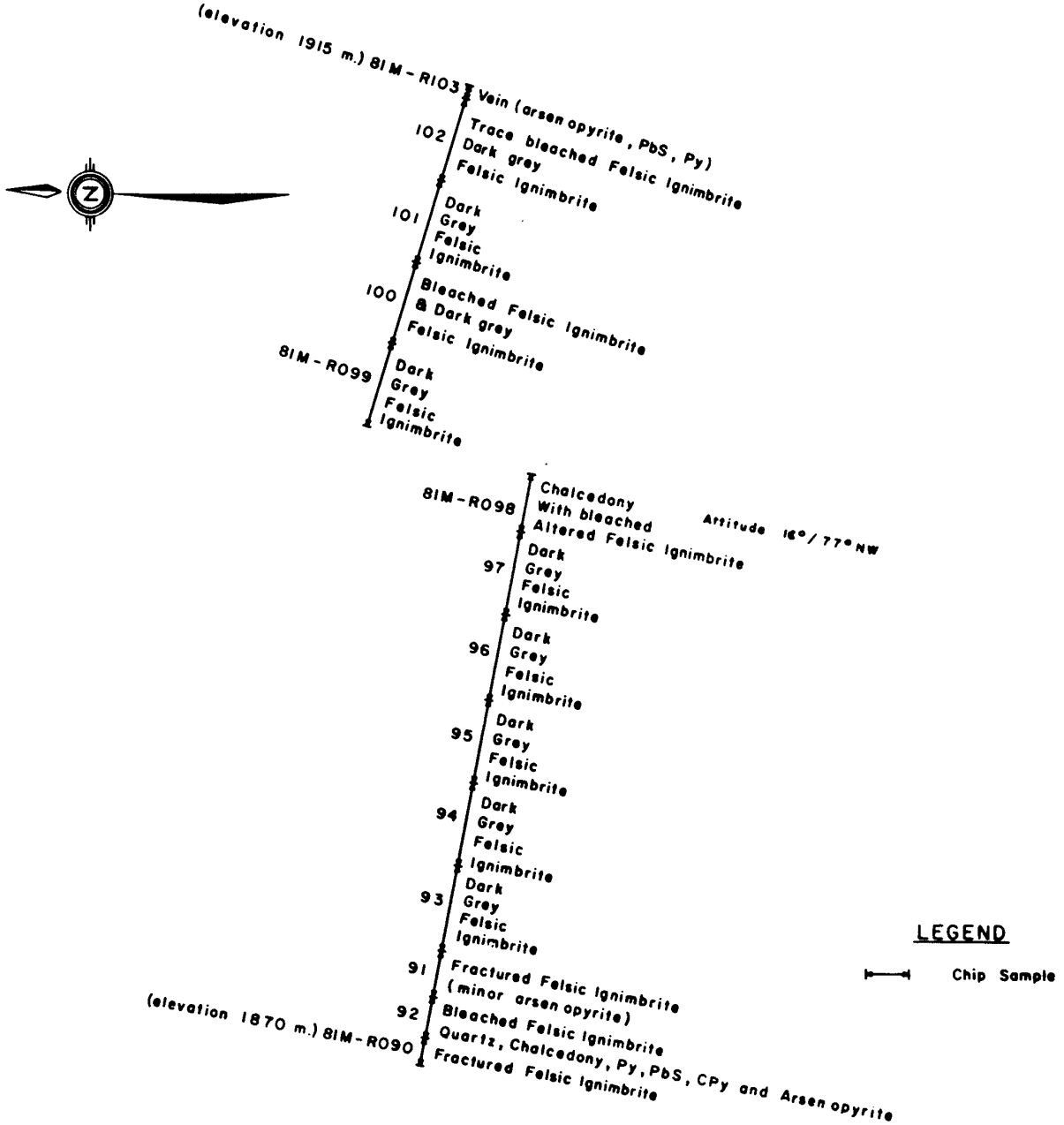
Mecca Showing

Location: Outcrops on a ridge above a major gulley about 90 meters south-southeast of the southeast corner of Ridge Claim Y67089 on Goat claim YA52019.

*(4) see map "Above Joke" for exact locations.

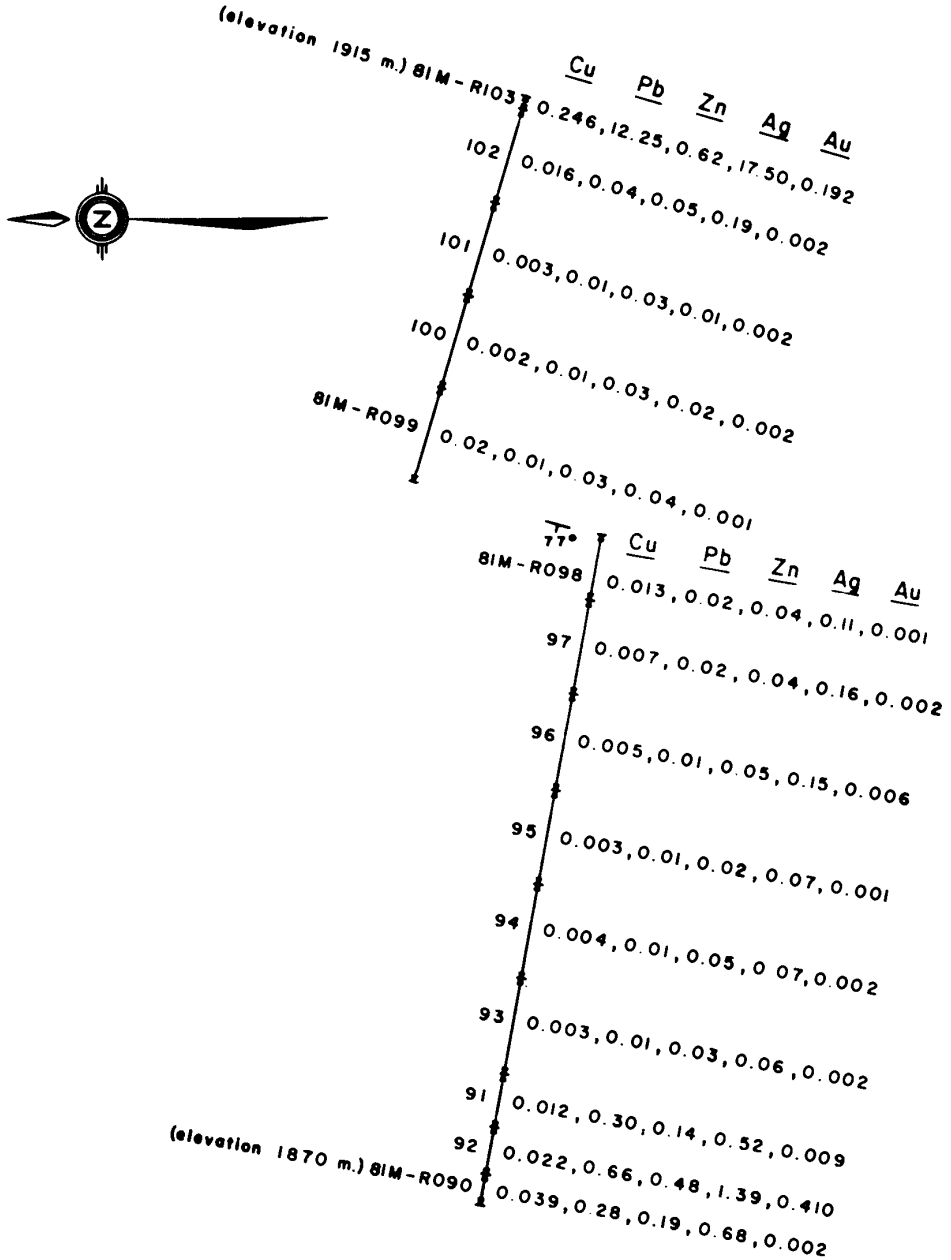
GEOLOGICAL PLAN OF CHIP SAMPLING ABOVE THE JOKE SHOWING

FIGURE 5.



RESULTS OF CHIP SAMPLING ABOVE THE JOKE SHOWING

FIGURE 6.



Mineralization & Lithology: This is a bleached, creamy white (silicified?) zone displaying some argillic alteration, about 7.6 m. wide. The country rocks are felsic ash flow tuffs which show a purplish and brown alteration. The zone also shows a yellowish and greenish tinge from scorodite and jarosite. Minor amounts of pyrite, arsenopyrite and trace galena were observed in the westernmost 2 meters. The strike and dip of the zone are unknown at present. Schistosity is about 020°. The Mecca Showing resembles rocks seen on the JOKE Showing . It is cut by a 3 foot wide andesite dyke. Two samples were taken. Cu and As were not assayed for.

Sample #	width (m)	%Pb	%Zn	oz/t Ag	oz/t Au
81K-R107	chip 2.0	0.48	0.01	49.95	0.012
81K-R108	grab 5.5	0.02	0.01	0.87	0.010

Only one narrow quartz stringer was observed.

Mouse Showing

Location: Anomalous talus and rock samples were found in a major gulley north of Tough Creek. It lies south of the #1 post of YA52016 and 200 meters west of the #1 post of YA52049.

Mineralization & Lithology: Rock types and minerals present are the same as those previously described on the Mecca and JOKE showings. The gulley in which the samples were taken is marked by Lambert as being fault-related but has not been confirmed as such by Kennco. Unfortunately, there is little outcrop exposed and nowhere were high grade rock outcrop samples obtained that could duplicate values obtained in float.

Below is a list of samples taken from the gulley.

Sample #	type	rock type	%Cu	%Pb	%Zn	%As	oz/t Ag	oz/t Au
81G-R308	float	silicified lapilli tuff	0.287	2.48	0.83	-	176.00	0.051
81G-R355	grab	welded lapilli tuff	0.092	0.17	0.14	-	0.38	0.042
81G-R356	grab	altered lapilli tuff	0.915	1.95	2.14	-	8.10	0.008
81G-R357	grab	altered lapilli tuff	1.59	0.05	0.04	-	11.50	0.009
81G-R358	float	silicified tuff	0.34	0.13	0.13	3.75	3.10	0.009
81G-R359	float	altered lapilli tuff	0.097	3.74	0.11	14.50	234.00	0.132
81G-R360	grab	altered tuff	2.57	0.06	0.50	0.07	16.70	0.002
81G-R361	grab	bleached tuff	0.2	0.02	0.03	0.20	0.52	0.006
81G-R362	grab	bleached silicified tuff	0.01	0.73	0.02	3.80	49.90	0.010
81G-R363	grab	bleached silicified tuff	0.01	0.59	0.01	2.58	53.20	0.009
81G-R364	float	bleached tuff	0.11	2.48	0.08	16.00	192.00	0.223

The following samples (float) were taken from talus in the cirque immediately north and northwest of the crest of the major gulley.

Sample #	type	rock type	%Cu	%Pb	%Zn	%Mo	oz/t Ag	oz/t Au
81G-R365	float	bleached silicified tuff	0.064	1.32	0.13	0.55	96.00	0.551
81G-R366	float	altered tuff	2.170	0.05	0.03	–	12.45	0.183

Talus fine soils obtained from this area were also anomalous.

The following float samples were taken from talus in the cirque immediately north-east of the crest of the major gulley.

Sample #	rock type	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au
81G-R367	altered tuff	3.65	0.37	0.41	12.50	0.003
81G-R368	veined altered tuff	0.07	0.45	0.01	1.30	0.001
81G-R369	veined altered tuff	0.34	0.73	0.46	2.27	0.002

Tough Creek Showings

Location: On claims YA52047 to YA52050 up slope from Tough Creek itself.

Mineralization & Lithology: Mineralization consists of malachite, azurite and rare galena and occurs generally along fracture surfaces or as discontinuous veinlets. It has been found associated with fault zones in gullies, at the margin of a felsic breccia and along the footwall of a narrow mafic dyke. These occurrences are patchy and discontinuous. Values obtained from chip and grab samples in the 1 ounce silver and 1% copper range were obtained, but widths are very narrow (usually less than 1 meter).

Add On Showing

Location: Near the crest of a ridge on GOAT YA59679.

Mineralization & Lithology: Visible mineralization consists of a minor amount of malachite and pyrite within a vuggy fracture (?) in a bleached felsic ash flow tuff of the Crozier Tuff Formation (Unit 12).

Preliminary sample :

		%Cu	%Zn	oz/t Ag	oz/t Au
81K-R039	grab over 0.3 m.	0.90	0.80	52.6	Tr.

-12-

The following float samples were taken from talus in the cirque immediately north-east of the crest of the major gulley.

Sample #	rock type	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au
81G-R367	altered tuff	3.65	0.37	0.41	12.50	0.003
81G-R368	veined altered tuff	0.07	0.45	0.01	1.30	0.001
81G-R369	veined altered tuff	0.34	0.73	0.46	2.27	0.002

Tough Creek Showings

Location: On claims YA52047 to YA52050 up slope from Tough Creek itself.

Mineralization & Lithology: Mineralization consists of malachite, azurite and rare galena and occurs generally along fracture surfaces or as discontinuous veinlets. It has been found associated with fault zones in gullies, at the margin of a felsic breccia and along the footwall of a narrow mafic dyke. These occurrences are patchy and discontinuous. Values obtained from chip and grab samples in the 1 ounce silver and 1% copper range were obtained, but widths are very narrow (usually less than 1 meter).

Add On Showing

Location: Near the crest of a ridge on GOAT YA59679.

Mineralization & Lithology: Visible mineralization consists of a minor amount of malachite and pyrite within a vuggy fracture (?) in a bleached felsic ash flow tuff of the Crozier Tuff Formation (Unit 12).

Preliminary sample :

		%Cu	%Zn	oz/t Ag	oz/t Au
81K-R039	grab over 0.3 m.	0.90	0.80	52.6	Tr.

Followup sampling :

Sample #	width	type	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au
81N-A105	3.0m	chip	0.16	0.85	1.02	0.60	0.001
81N-S220-adjacent saddle		talus fine	0.05	0.06	0.09	0.51	Tr.

Deja Vu Area

Location: The ridge area between MacAuley Creek and its major eastern tributary north of the Ridge 13 and 17 Claims. Kennco claims YA51956 to YA51963.
Mineralization: Vein material, float only.
Below are the results of sampling done in this area.

Sample #	Sample type	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au
81N-S255	talus fine	0.04	0.10	0.19	0.34	Tr.
81N-S256	talus fine	0.06	0.26	0.15	0.32	Tr.
81N-S257	talus fine	Tr.	0.02	0.03	0.06	Tr.
81N-S258	talus fine	Tr.	Tr.	0.02	0.04	Tr.
81N-S259	talus fine	Tr.	0.01	0.03	0.05	Tr.
81N-S260	talus fine	Tr.	0.01	0.02	0.06	Tr.
81N-S261	talus fine	Tr.	Tr.	0.02	0.04	Tr.
81N-S262	talus fine	Tr.	0.06	0.03	0.08	Tr.
81G-R370	talus float	0.05	3.45	0.06	2.15	0.059

4) GEOCHEMICAL SURVEY

i) Sampling Procedures

Reconnaissance soil sampling was done, at various intervals, during the course of the prospecting traverses. A soil grid was also established to cover part of the more recent Goat claims and the MacAuley Creek valley. This grid was chained and picketed for a total of 6.3 line kilometers; the baseline extends some 1,200 meters down the valley, in a north-east direction. The soils were collected, every 50 meters, along cross-lines which are at 200 meters spacings along the base line. It should be noted that, due to the terrain within the claim area, the soils are actually talus fines.

Grab rock samples were also collected during the course of the prospecting traverses. Generally, rock samples were taken from all areas that showed visible mineralization, alteration or a greater than average density of fracturing or shearing. Chip samples were also collected from some of the mineralized areas and where grab sample results warranted them, if time permitted.

-13-

Location: The ridge area between MacAuley Creek and its major eastern tributary north of the Ridge 13 and 17 Claims. Kennco claims YA51956 to YA51963.

Mineralization: Vein material, float only.

Below are the results of sampling done in this area.

Sample #	Sample type	%Cu	%Pb	%Zn	oz/t Ag	oz/t Au
81N-S255	talus fine	0.04	0.10	0.19	0.34	Tr.
81N-S256	talus fine	0.06	0.26	0.15	0.32	Tr.
81N-S257	talus fine	Tr.	0.02	0.03	0.06	Tr.
81N-S258	talus fine	Tr.	Tr.	0.02	0.04	Tr.
81N-S259	talus fine	Tr.	0.01	0.03	0.05	Tr.
81N-S260	talus fine	Tr.	0.01	0.02	0.06	Tr.
81N-S261	talus fine	Tr.	Tr.	0.02	0.04	Tr.
81N-S262	talus fine	Tr.	0.06	0.03	0.08	Tr.
81G-R370	talus float	0.05	3.45	0.06	2.15	0.059

4) GEOCHEMICAL SURVEY

i) Sampling Procedures

Reconnaissance soil sampling was done, at various intervals, during the course of the prospecting traverses. A soil grid was also established to cover part of the more recent Goat claims and the MacAuley Creek valley. This grid was chained and picketed for a total of 6.3 line kilometers; the baseline extends some 1,200 meters down the valley, in a north-east direction. The soils were collected, every 50 meters, along cross-lines which are at 200 meters spacings along the base line. It should be noted that, due to the terrain within the claim area, the soils are actually talus fines.

Grab rock samples were also collected during the course of the prospecting traverses. Generally, rock samples were taken from all areas that showed visible mineralization, alteration or a greater than average density of fracturing or shearing. Chip samples were also collected from some of the mineralized areas and where grab sample results warranted them, if time permitted.

Conventional stream sediment samples were collected from active streams, by trying to select fine-grained sediment (silt) and placing it in wet strength kraft sample envelopes. Stream sediment samples for heavy mineral (H.M.) processing were collected by shovelling sediment into a 20 mesh screen-pan and placing the resulting -20 mesh material into wet strength kraft sample envelopes.

ii) Geochemical Analysis

The samples were shipped from Whitehorse to Min-En Laboratories Ltd. of North Vancouver, B.C. for analysis.

The methods for analysis are as follows:

a) Geochemical

Heavy Minerals	- specific gravity flotation in a liquid medium of 3.1 S.G. followed by routine geochemical analysis of the heavy fraction
Mo, Cu, Pb, Zn, Ag	- nitric, perchloric acid digestion; Atomic Absorption analysis
As	- spectrophotometric analysis
Au, Sb	- Aqua regia; acid digestion; Atomic Absorption analysis
W, Sn	- Fusion, colourimetric analysis

b) Assay

Au	- Fire assay
Cu, Pb, Zn, Ag, As, Sb.	- acid digestion - chemical analysis.

iii) Results & Interpretations

Geochemical results and geology/prospecting observations outlined seven (7) main areas of interest. These include the following: Mouse Showing area, the Mecca Showing area, the Joke Showing area, the Deja Vu Showing area, the Add On Showing area, the Tough Creek Showings area and the Jones Showing area.

The geochemical results were statistically studied and the following anomalous "cut-offs" were determined for the soils, silts and heavy minerals results: Au - 35 ppb, Ag - 4.0 ppm, Pb - 250 ppm, Cu - 185 ppm, Zn - 420 ppm, As - 50 ppm, Mo - 9 ppm, Sb - 40 ppm, Sn - 5 ppm, W - 6 ppm.

Sb, Sn and W are possibly too low. The results for the rock samples were also studied and levels of interest were established as 0.01 oz./t. Au, 1.0 oz./t. Ag, 1% Pb, 1% Cu and 1% Zn. The number of samples containing values at or above these levels include 15 Au, 12 Ag, 11 Pb, 9 Cu and 4 Zn.

The anomalous results, especially the Pb, Au and Ag, appear to be related to the seven mineral showings.

At the Mecca Showing there is a soil (81J-S227) which contained 5.5 ppm Ag and a silt/H.M. sample draining the area which contains 4.5 ppm Ag (silt) and 630 ppb Au (H.M.). These two samples plus the 2 rocks mentioned in "Mineralization" are a reflection of high grade veins.

In the Deja Vu area, there are 4 additional samples which are judged to be anomalous. These include float samples 81G-R314 (3.05 oz./t. Ag) and 81G-R315 (7.96 oz.t. Ag) and silt/ H.M. samples 81G-L132 (295 ppm Pb, 4.0 ppm Ag [16.0 ppm Ag-H.M.], 420 ppm Zn) and 81G-L130 (4.4 ppm Ag [31.8 ppm Ag-H.M.]). All of the samples from this area are 'non-outcrop' and they could have originated from the Mecca Showing area.

In the vicinity of the Joke Showing, there are 10 soil samples whose results are anomalous. These include 81L-S272 (484 ppm Pb, 640 ppm Zn), 81L-S273 (297 ppm Pb), 81L-S275 (480 ppm Pb, 4.6 ppm Ag and 441 ppm Zn), 81L-S281 (353 ppm Pb, 640 ppm Zn), 81L-S286 (336 ppm Pb), 81L-S297 (373 ppm Pb, 470 ppm Cu and 610 ppm Zn), 81L-S298 (400 ppm Pb, 4.3 ppm Ag and 500 ppm Zn), 81L-S308 (310 ppm Pb, 60 ppb Au and 438 ppm Zn), 81L-S310 (570 ppm Pb) and 81L-S329 (380 ppm Pb, 6.8 ppm Ag, 225 ppb Au, 520 ppm Cu, 574 ppm Zn and 72 ppm Mo).

It appears that these results are probably due to the erosion and transportation of vein material from the Joke Showing or other mineralization, not observed, from the general area.

There are 6 soil and 2 silt/H.M. samples that contain anomalous values in the area of the Add On Showing. These are 81G-L125 (584 ppm Pb, 4.9 ppm Ag [8.1 ppm Ag-H.M.], 373 ppm Cu

and 1320 ppm Zn), 81G-L128 (1.4 ppm Ag [6.1 ppm Ag-H.M.]), 81N-S169 (356 ppm Pb, 65 ppb Au and 950 ppm Zn), 81N-S170 (347 ppm Pb, 890 ppm Zn), 81N-S171 (336 ppm Pb, 990 ppm Zn), 81N-S172 (342 ppm Pb, 850 ppm Zn), 81J-S221 (280 ppm Pb, 426 ppm Zn) and 81N-S179 (250 ppm Pb, 240 ppm Cu and 750 ppm Zn). The presence of these anomalous results in the vicinity of the Add On Showing seems to indicate the presence of additional mineralization, other than that previously observed within the Crozier Tuff Formation.

The Jones Showing, which consists of visible copper, lead and zinc as well as containing 14 anomalous results of silver in chip samples, is too low grade to be economic. There is, however, because of surface leaching effects, a possibility of an increase in grade with depth or within the overlying ash flow units of the MacAuley Creek Formation.

The Tough Creek Showings area, which consists of visible copper and lead, contains 3 silt/H.M., 2 rock and 1 soil sample which contain anomalous values. These are 81G-L116 (494 ppm Pb, 6.2 ppm Ag [13.8 ppm Ag-H.M.], 5 ppb Au [200 ppb Au-H.M.], 485 ppm Cu and 1080 ppm Zn), 81G-L113 (253 ppm Pb, 3.1 ppm Ag [6.6 ppm Ag-H.M.], 90 ppb Au [5 ppb Au-H.M.] and 1000 ppm Zn), 81G-L115 (0.8 ppm Ag [7.0 ppm Ag-H.M.]), 81K-R035 (68 ppm Ag), 81K-R046 (1.82 oz/t.Ag) and 81H-S027 (810 ppm Pb, 9.8 ppm Ag, 400 ppm Cu and 3500 ppm Zn). The results in this area are fairly low and appear to be the result of remobilization of mineralization along fractures with a wide lateral extent. This mineralization could be related to that found within the Mouse Showing area or some other unobserved mineralization found at higher elevations.

The Mouse Showing area appears to have the biggest potential and has the best results of the showings found to date. In addition to the 15 anomalous rock samples there are 2 silt/H.M. and 4 soil samples, in the area, which contain anomalous values. These include 81G-L117 (606 ppm Pb, 3.7 ppm Ag [14.5 ppm Ag-H.M], 310 ppm Cu and 820 ppm Zn), 81G-L118 (48.0 ppm Ag-H.M.), 81H-S028 (1720 ppm Pb, 26.9 ppm Ag, 80 ppb Au, 54 ppm Sb and 775 ppm Zn), 81I-S167 (360 ppm Pb, 7.4 ppm Ag and 540 ppm Zn), 81I-S161 (640 ppm Pb, 53.8 ppm Ag, 50 ppb Au, 800 ppm As, 60 ppm Sb and 710 ppm Zn) and 81I-S160 (560 ppm Pb, 28.3 ppm Ag, 233 ppm As and 625 ppm Zn). The high results appear to reflect the presence of 'high grade' hydrothermal veining, most of which is probably overlain by talus and rubble. These veins appear to be quite similar to others found within the MacAuley Creek Formation and are probably fault related.

There are other spot anomalies within the claim area which will require more detailed sampling as well as the other high results from the silt/H.M. samples draining the GOAT CLAIMS which probably reflect the presence of widespread mineralization.

5) CONCLUSIONS AND RECOMMENDATIONS

The Goat claim area contains numerous "high grade" hydrothermal veins which contain varying amounts of copper, lead, zinc, silver and gold. The gangue minerals include scorodite, jarosite, pyrite, arsenopyrite, fluorite, quartz, chalcedony and carbonate. These veins are found, mostly, within dark grey felsic ash flow lapilli tuffs of the MacAuley Creek Formation and appear to be fault related. It also appears that the silver is associated with the galena and is found to be more abundant with the finer-grained galena. Argillic alteration (bleaching) of the tuffs also accompanies the veining.

Since little detail work has been completed to date, it seems that more detailed geologic mapping and chip sampling is required, especially in the area of the Mouse and Mecca Showings. More thorough prospecting between the JOKE SHOWING and the Mouse Showing area and at the Add On Showing area should also be attempted. Some trenching in the vein areas is recommended.

The presence of the veins within the MacAuley Creek Formation and the discovery of mineralization within the Crozier Tuff and Partridge Lake Formations could be related. This possible vertical extent of the mineralization should be investigated, if possible, with the use of geological mapping and trenching. The presence of bleached horizons, with no visible mineralization, within the tuff could also be significant as they might represent "low Ph caps" overlying "high grade" veining. Some trenching in these areas should be undertaken to test this.



Respectfully Submitted,

Rex Pegg, P.Eng.

Vancouver, B.C.
November 5, 1981

6) REFERENCES

Wheeler, J.O. (1961): Whitehorse Map Area, G.S.C. Mem. 312.

Lambert, M.B. (1974): The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory; G.S.C. Bull. 227.

APPENDIX I

STATEMENT OF COST

GEOLOGICAL AND GEOCHEMICAL SURVEYS

GOAT CLAIMS, YUKON TERRITORY

1. Salaries			
A. Motzok	36 days @ $85/day	$3,060.00	
R. Pegg	14 days @ $80/day	1,120.00	
T. Lee	10 days @ $77/day	770.00	
I. Coster	10 days @ $67/day	670.00	
D. Hooper	18 days @ $58/day	1,044.00	
P. Jones	14 days @ $50/day	700.00	
F. De Scally	18.5 days @ $50/day	925.00	
B. Sabal	18.5 days @ $46/day	851.00	
	Total Salaries.....		$ 9,140.00
2. Mobilization Costs			
Fuel and Camp to Partridge Lake		$2,000.00	
Room and Board (10 mandays @ $50/day)		500.00	
	Total.....		$ 2,500.00
3. Helicopter Rental (Hughes '500C')			
40 hrs @ $300/hr			$12,000.00
4. Helicopter Fuel			
800 gallons @ $1.703/gallon			$ 1,362.40
5. Heating Fuel			
315 gallons @ $1.581/gallon			$ 498.01
6. Camp Costs			
(includes food, cook's wages, generator, water pump, etc.)			
108 mandays @ $50/day			$ 5,400.00
7. Field Map Preparation			
1:5,000 Pencil Manuscript by Pacific Surveys			$ 1,920.00
8. Geochemical Analysis			
Soil Sample Analysis		$3,331.90	
Silt Sample Analysis		309.00	
Heavy Mineral (-20 mesh) Analysis		808.25	
Rock Sample Geochemistry		4,467.45	
	Total Geochemical Analysis.....		$ 8,916.60
9. Expediting Costs			
Andronik Expenditing Ltd			$ 1,000.00
10. Map Preparation, Drafting, Printing, Report Writing			$ 1,000.00
	GRAND TOTAL.....		$43,737.01

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG
ENGINEER

Rex Pegg, P. Eng.

STATEMENT OF QUALIFICATIONS

I, REX S. PEGG of 730-505 Burrard Street, in the city of Vancouver, in the province of British Columbia, DO HEREBY CERTIFY

1. That I am an exploration geologist employed by Kennco Explorations, (Western) Limited which has its office located at 730-505 Burrard Street, Vancouver, B.C. V7X 1M4.

2. That I am a graduate of the University of Toronto, located in Toronto, Ontario, where I obtained a Bachelor of Applied Science degree in Geological Engineering (Exploration Option) in 1976.

3. That I am a registered member, in good standing, of the Association of Professional Engineers of the Province of British Columbia.

4. That I have practised my profession as a geologist for the past five years.

5. That I have supervised the geological and geochemical field work.

6. That I have no direct or indirect interests in any of the mineral claims, or in any of the securities held by Kennco Explorations, (Western) Limited, nor do I expect to receive any.

Dated this 29th day of September, 1981.



Rex Pegg, P.Eng.

LIST OF PERSONNEL

Name	Address	Position	Dates
R. Pegg	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geological Engineer	May 4-8; July 11; Aug 22,23,25,26,27; Sept 17-19.
A. Motzok	43 College Avenue., W, Guelph, Ont., N1G 1R8	Geologist	July 9-14; 16-18,20,25-28, 31; Aug 1-3,5,7-13,20,21, 23,25,27,28,29; Sept 3,4,7-10.
T. Lee	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 29; Aug 7,10,22-26, 29,30.
I. Coster	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 9,16-18; Aug 24-26,29, Sept 16,17.
D. Hooper	1420 Birchwood Drive, Mississauga, Ont L5J 1T2	Student	May 4-8; July 10,12-14, 16, 29,31; Aug 2,9,10,19,26,29, 30.
P. Jones	2002 Ingledale Road, Mississauga, Ont L5J 2H2	Student	July 11,17,18,25,29,31; Aug 7,9-11,23,26,28,31.
F. deScally	3131 Tide Place, Port Coquitlam, B.C. V3C 2G8	Student	July 9,11,12,16,20,24,27, 29; Aug 8,12,22,23,25,26, 29,30; Sept 21-23.
B. Sabal	625-19th Street, Courtenay, B.C. V9N 2B3	Student	May 4-8; June 3-5; July 9, 13,14,17,18; Aug 3,11, 13,22,25,29.
B. Ferry	P.O. Box 92, Capetown, Ontario, L0R 1J0	Cook	July and August.
G. Dryzmala	Fulford-Ganges Road, R.R. #1, Fulford Harbour, B.C.	Helicopter Pilot	July and August.

APPENDIX II-B

LIST OF PERSONNEL

Name	Address	Position	Dates
R. Pegg	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geological Engineer	May 4-8; July 11; Aug 22,23,25,26,27; Sept 17-19.
A. Motzok	43 College Avenue., W, Guelph, Ont., N1G 1R8	Geologist	July 9-14; 16-18,20,25-28, 31; Aug 1-3,5,7-13,20,21, 23,25,27,28,29; Sept 3,4,7-10.
T. Lee	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 29; Aug 7,10,22-26, 29,30.
I. Coster	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 9,16-18; Aug 24-26,29, Sept 16,17.
D. Hooper	1420 Birchwood Drive, Mississauga, Ont L5J 1T2	Student	May 4-8; July 10,12-14, 16, 29,31; Aug 2,9,10,19,26,29, 30.
P. Jones	2002 Ingledale Road, Mississauga, Ont L5J 2H2	Student	July 11,17,18,25,29,31; Aug 7,9-11,23,26,28,31.
F. deScally	3131 Tide Place, Port Coquitlam, B.C. V3C 2G8	Student	July 9,11,12,16,20,24,27, 29; Aug 8,12,22,23,25,26, 29,30; Sept 21-23.
B. Sabal	625-19th Street, Courtenay, B.C. V9N 2B3	Student	May 4-8; June 3-5; July 9, 13,14,17,18; Aug 3,11, 13,22,25,29.
B. Ferry	P.O. Box 92, Capetown, Ontario, L0R 1J0	Cook	July and August.
G. Dryzmala	Fulford-Ganges Road, R.R. #1, Fulford Harbour, B.C.	Helicopter Pilot	July and August.

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R. Pegg	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geological Engineer	May 4-8; July 11; Aug 22,23,25,26,27; Sept 17-19.
A. Motzok	43 College Avenue., W, Guelph, Ont., N1G 1R8	Geologist	July 9-14; 16-18,20,25-28, 31; Aug 1-3,5,7-13,20,21, 23,25,27,28,29; Sept 3,4,7-10.
T. Lee	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 29; Aug 7,10,22-26, 29,30.
I. Coster	730-505 Burrard Street, Vancouver, B.C. V7X 1M4	Geologist	July 9,16-18; Aug 24-26,29, Sept 16,17.
D. Hooper	1420 Birchwood Drive, Mississauga, Ont L5J 1T2	Student	May 4-8; July 10,12-14, 16, 29,31; Aug 2,9,10,19,26,29, 30.
P. Jones	2002 Ingledale Road, Mississauga, Ont L5J 2H2	Student	July 11,17,18,25,29,31; Aug 7,9-11,23,26,28,31.
F. deScally	3131 Tide Place, Port Coquitlam, B.C. V3C 2G8	Student	July 9,11,12,16,20,24,27, 29; Aug 8,12,22,23,25,26, 29,30; Sept 21-23.
B. Sabal	625-19th Street, Courtenay, B.C. V9N 2B3	Student	May 4-8; June 3-5; July 9, 13,14,17,18; Aug 3,11, 13,22,25,29.
B. Ferry	P.O. Box 92, Capetown, Ontario, L0R 1J0	Cook	July and August.
G. Dryzmala	Fulford-Ganges Road, R.R. #1, Fulford Harbour, B.C.	Helicopter Pilot	July and August.

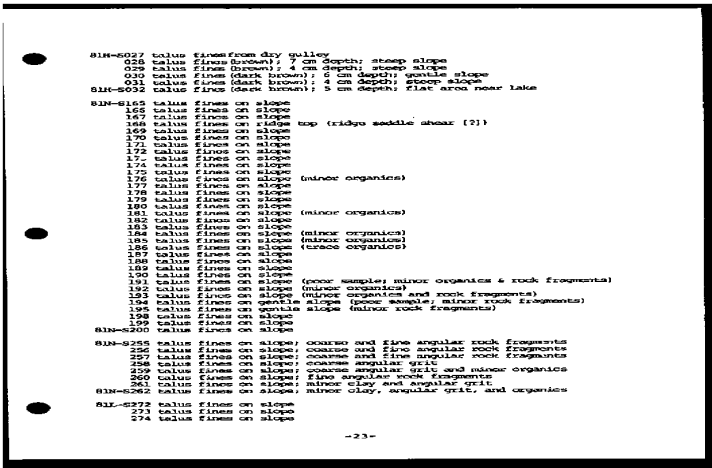
SAMPLE DESCRIPTIONS

1. SILTS and HEAVY MINERAL (-20 mesh) SAMPLES

81G-L113 talus fines & organics; 2 m wide dry gulley
115 talus fines; fast flowing, 0.5 m creek
116 talus fines from dry gulley
117 talus fines from steep slope
118 talus fines from dry gulley; no silt sample
119 gravel and talus fines from 3 m wide, moderately flowing creek
120 talus fines from nearly dry gulley
121 talus fines from 3 m wide, fast flowing creek
122 talus fines & sand from 1-2 m wide, medium flowing creek
123 talus fines from 1 m wide, fast flowing creek
124 talus fines from 3 m wide, slow flowing creek
125 talus fines from dry gulley
126 talus fines from dry gulley
127 talus fines from 1.5 m wide, fast flowing creek
128 talus fines from dry gulley
129 talus fines from 3 m wide, fast flowing creek
130 talus fines from 1 m wide, medium flowing creek
131 gravel and sand from 3 m wide, fast flowing creek
132 talus fines from 2 m wide, medium flowing creek
81G-L133 talus fines from 3-5 m wide, fast flowing creek

2. SOIL SAMPLES

81I-S160 talus fines (med. dark brown)
161 talus fines (dark brown)
162 talus fines (grey-black)
163 talus fines (light-medium brown)
164 talus fines (light-medium brown)
165 talus fines (dark brown)
166 talus fines (medium brown)
167 talus fines (medium-dark brown)
168 talus fines (dark brown)
169 talus fines (brown)
170 talus fines (dark brown)
171 talus fines (dark brown)
172 talus fines (dark brown)
173 talus fines (dark brown)
174 fine clay-soil (medium brown); minor organics
175 talus fines (light-medium brown)
176 fine clay-soil (dark brown); minor organics
177 talus fines abundant organics
178 talus fines (orangey -dark brown); in saddle
179 talus fines (light orangey-brown); in saddle
180 talus fines (light orangey-brown); in saddle
181 talus fines (very light orange); in saddle
182 talus fines (light brown)
81I-S183 talus fines (dark orange); in saddle

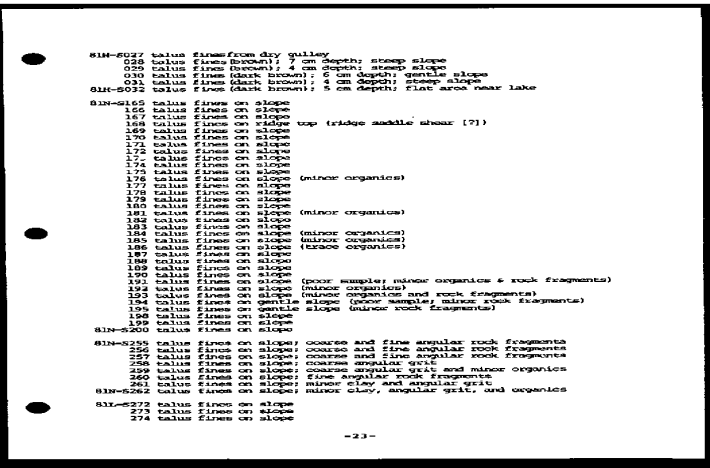


81N-S027 talus fines from dry gulley
028 talus fines (brown); 7 cm depth; steep slope
029 talus fines (brown); 4 cm depth; steep slope
030 talus fines (dark brown); 6 cm depth; gentle slope
031 talus fines (dark brown); 4 cm depth; steep slope
81N-S032 talus fines (dark brown); 5 cm depth; flat area near lake

81N-S165 talus fines on slope
166 talus fines on slope
167 talus fines on slope
168 talus fines on ridge top (ridge saddle shear [?])
169 talus fines on slope
170 talus fines on slope
171 talus fines on slope
172 talus fines on slope
173 talus fines on slope
174 talus fines on slope
175 talus fines on slope
176 talus fines on slope (minor organics)
177 talus fines on slope
178 talus fines on slope
179 talus fines on slope
180 talus fines on slope
181 talus fines on slope (minor organics)
182 talus fines on slope
183 talus fines on slope
184 talus fines on slope (minor organics)
185 talus fines on slope (minor organics)
186 talus fines on slope (trace organics)
187 talus fines on slope
188 talus fines on slope
189 talus fines on slope
190 talus fines on slope
191 talus fines on slope (poor sample; minor organics & rock fragments)
192 talus fines on slope (minor organics)
193 talus fines on slope (minor organics and rock fragments)
194 talus fines on gentle slope (poor sample; minor rock fragments)
195 talus fines on gentle slope (minor rock fragments)
198 talus fines on slope
199 talus fines on slope
81N-S200 talus fines on slope

81N-S255 talus fines on slope; coarse and fine angular rock fragments
256 talus fines on slope; coarse and fine angular rock fragments
257 talus fines on slope; coarse and fine angular rock fragments
258 talus fines on slope; coarse angular grit
259 talus fines on slope; coarse angular grit and minor organics
260 talus fines on slope; fine angular rock fragments
261 talus fines on slope; minor clay and angular grit
81N-S262 talus fines on slope; minor clay, angular grit, and organics

81L-S272 talus fines on slope
273 talus fines on slope
274 talus fines on slope



81N-S027 talus fines from dry gulley
028 talus fines (brown); 7 cm depth; steep slope
029 talus fines (brown); 4 cm depth; steep slope
030 talus fines (dark brown); 6 cm depth; gentle slope
031 talus fines (dark brown); 4 cm depth; steep slope
81N-S032 talus fines (dark brown); 5 cm depth; flat area near lake

81N-S165 talus fines on slope
166 talus fines on slope
167 talus fines on slope
168 talus fines on ridge top (ridge saddle shear [?])
169 talus fines on slope
170 talus fines on slope
171 talus fines on slope
172 talus fines on slope
173 talus fines on slope
174 talus fines on slope
175 talus fines on slope
176 talus fines on slope (minor organics)
177 talus fines on slope
178 talus fines on slope
179 talus fines on slope
180 talus fines on slope
181 talus fines on slope (minor organics)
182 talus fines on slope
183 talus fines on slope
184 talus fines on slope (minor organics)
185 talus fines on slope (minor organics)
186 talus fines on slope (trace organics)
187 talus fines on slope
188 talus fines on slope
189 talus fines on slope
190 talus fines on slope
191 talus fines on slope (poor sample; minor organics & rock fragments)
192 talus fines on slope (minor organics)
193 talus fines on slope (minor organics and rock fragments)
194 talus fines on gentle slope (poor sample; minor rock fragments)
195 talus fines on gentle slope (minor rock fragments)
198 talus fines on slope
199 talus fines on slope
81N-S200 talus fines on slope

81N-S255 talus fines on slope; coarse and fine angular rock fragments
256 talus fines on slope; coarse and fine angular rock fragments
257 talus fines on slope; coarse and fine angular rock fragments
258 talus fines on slope; coarse angular grit
259 talus fines on slope; coarse angular grit and minor organics
260 talus fines on slope; fine angular rock fragments
261 talus fines on slope; minor clay and angular grit
81N-S262 talus fines on slope; minor clay, angular grit, and organics

81L-S272 talus fines on slope
273 talus fines on slope
274 talus fines on slope

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168 talus fines on ridge top (ridge saddle shear [?])
169 talus fines on slope
170 talus fines on slope
171 talus fines on slope
172 talus fines on slope
17_ talus fines on slope
174 talus fines on slope
175 talus fines on slope
176 talus fines on slope (minor organics)
177 talus fines on slope
178 talus fines on slope
179 talus fines on slope
180 talus fines on slope
181 talus fines on slope (minor organics)
182 talus fines on slope
183 talus fines on slope
184 talus fines on slope (minor organics)
185 talus fines on slope (minor organics)
186 talus fines on slope (trace organics)
187 talus fines on slope
188 talus fines on slope
189 talus fines on slope
190 talus fines on slope
191 talus fines on slope (poor sample; minor organics & rock fragments)
192 talus fines on slope (minor organics)
193 talus fines on slope (minor organics and rock fragments)
194 talus fines on gentle slope (poor sample; minor rock fragments)
195 talus fines on gentle slope (minor rock fragments)
198 talus fines on slope
199 talus fines on slope
81N-S200 talus fines on slope

81N-S255 talus fines on slope; coarse and fine angular rock fragments
256 talus fines on slope; coarse and fine angular rock fragments
257 talus fines on slope; coarse and fine angular rock fragments
258 talus fines on slope; coarse angular grit
259 talus fines on slope; coarse angular grit and minor organics
260 talus fines on slope; fine angular rock fragments
261 talus fines on slope; minor clay and angular grit
81N-S262 talus fines on slope; minor clay, angular grit, and organics

81L-S272 talus fines on slope
273 talus fines on slope
274 talus fines on slope

81L-S275 talus fines on slope
276 talus fines on slope
277 talus fines on slope; clay and organics
278 talus fines on slope
279 talus fines on slope
280 talus fines on slope; minor organics
281 talus fines on slope; minor organics and clay
282 talus fines on slope
283 talus fines on slope
284 talus fines on slope
285 talus fines on slope
286 talus fines on slope

290 talus fines on slope
291 talus fines on slope
292 talus fines on slope
293 talus fines on slope
294 talus fines on slope
295 talus fines on slope; 1 meter from small creek
296 talus fines on slope; base of talus slope
297 talus fines on slope; minor organics
298 talus fines on slope; minor organics
299 talus fines on slope
300 talus fines on slope
301 talus fines on slope
302 talus fines on slope
303 talus fines on slope
304 talus fines on slope
305 talus fines on slope
306 talus fines on slope
307 talus fines on slope
308 talus fines on slope
309 talus fines on slope
310 talus fines on slope
311 talus fines on slope
312 talus fines on slope
313 talus fines on slope
314 talus fines on slope; moderate organics
315 talus fines on slope; moderate organics
316 talus fines on slope; moderate organics
317 talus fines on slope; moderate organics
318 talus fines on slope
319 talus fines on slope; moderate organics
320 talus fines on slope; moderate organics
321 talus fines on slope; minor rock fragments
322 talus fines on slope
323 talus fines on slope; minor rock fragments
324 talus fines on slope
325 talus fines on slope; moderate organics
81L-S326 talus fines on flats; moderate organics

81L-S327 talus fines on flats; overflow from creek
328 talus fines on slope; 99% rock fragments
329 talus fines on slope (north side of cirque)
330 talus fines on slope
331 talus fines on slope
332 talus fines on slope; minor rock fragments
333 talus fines on slope
334 talus fines on slope
335 talus fines on slope
336 talus fines on flats
337 talus fines on slope
338 talus fines on slope
339 talus fines on flats (creek overflow)
340 talus fines on flats
341 talus fines on flats
342 talus fines on slope
343 talus fines on slope
344 talus fines on slope
345 talus fines on slope
346 talus fines on slope
347 talus fines on slope; minor organics
348 talus fines on slope; minor organics
349 talus fines on flats; minor organics
350 talus fines on slope
351 talus fines on flats
352 talus fines on flats
353 talus fines on slope
81L-S354 talus fines on slope

81J-S210 talus fines on valley bottom
211 talus fines on valley bottom
212 talus fines on slope
213 talus fines on slope
214 talus fines on slope
215 talus fines on slope
216 talus fines on slope
217 talus fines on slope
218 talus fines on slope
219 talus fines on slope
220 talus fines in saddle
221 talus fines in saddle
222 talus fines on ridge top
223 talus fines on ridge top
224 talus fines on ridge top
225 talus fines on ridge top
226 talus fines on ridge top
227 talus fines in saddle
228 talus fines in saddle
81J-S229 talus fines in saddle

3. ROCK SAMPLES

81G-R308 silicified lapilli tuff float; minor PbS, Cpy, Py, malachite & azurite
314 light grey tuff float; minor Cpy, PbS, Py, malachite and azurite

81G-R315 silicified quartz veined tuff float; minor Py
316 flow banded spherulitic rhyolite float; trace PbS, Py, malachite
355 welded lapilli tuff grab sample; minor malachite
356 altered lapilli tuff grab sample; minor CPy, ZnS, PbS and malachite
357 altered lapilli tuff grab sample; minor CPy, malachite and azurite
358 silicified tuff float; arsenopyrite and minor Cpy
359 altered lapilli tuff float; arsenopyrite
360 altered tuff grab sample; minor CPy, malachite and azurite
361 weakly bleached tuff grab sample
362 weakly bleached, silicified tuff grab sample; trace arsenopyrite
363 weakly bleached, silicified tuff grab sample; trace arsenopyrite
364 bleached tuff float; arsenopyrite and Py
365 bleached silicified tuff float; minor arsenopyrite, Py and PbS
366 altered tuff float; minor CPy and malachite
367 altered tuff float; minor CPy and malachite
368 altered tuff float (silicified, veined); minor ZnS
369 altered tuff float (silicified, veined); minor CPy, ZnS and malachite
81G-R370 silicified tuff float; minor arsenopyrite and PbS

81K-R022 brecciated felsic ignimbrite grab sample; rusty weathering
023 grab of small rusty zone of a siliceous volcanic; minor Py and Po
024 altered siliceous ignimbrite float; rusty, calcitic, Mn stain
025 grab of shear within siliceous ignimbrite; chlorite-PbS veinlets
026 felsic porphyry float; cut by narrow fractures (quartz-carbonate)
033 grab of a black felsic ignimbrite
034 bleached, light grey felsic ignimbrite float; minor malachite
035 1.5 m chip across shear (0.6 m) within light grey felsic ignimbrite; minor malachite
037 3 m chip across rusty zone in a conglomerate ; trace Py
038 3 m chip across rusty zone in a friable conglomerate (in saddle)
039 grab of bleached felsic ignimbrite with vuggy fracturing; minor malachite and Py
040 grab of flat shear in bleached ignimbrite; minor Py and PbS, trace CPy
041 grab of felsic intrusive; minor disseminated Py and PbS
044 grab across 6.1 m of rusty, bleached felsic ignimbrite
045 1 m chip across sheared contact between ignimbrite and mafic dyke; minor malachite
046 grab of shear in gritty sediment; minor malachite & azurite stain
047 2 m chip of shear and narrow (10 cm) quartz-carbonate vein; jarosite and arsenopyrite
048 1 m chip of shear and narrow (5 cm) quartz-carbonate vein; jarosite and arsenopyrite
049 grab of bleached felsic dyke in basic-intermediate tuff
050 2 m chip of shear and (0.3-0.9 m) vein of massive PbS, CPy, Py and arsenopyrite
051 grab of above vein
052 grab of shear within black felsic volcanics; minor carbonate & Py
053 grab of bleached felsic dyke [?] within above country rock
054 3 m chip of felsic volcanic breccia (minor chlorite)
055 3 m chip of felsic volcanic breccia (minor chlorite and epidote)
056 3 m chip of heavily sheared felsic volcanics (chloritic); minor malachite
057 3 m chip of moderately sheared felsic volcanics (chloritic); minor malachite
058 3 m chip of moderately sheared felsic volcanics (chloritic); trace malachite
059 3 m chip of moderately sheared felsic volcanics (chloritic); trace malachite

81K-R060 3 m of felsic volcanic breccia (minor chlorite)
061 3 m chip of light salmon felsic breccia (heavily sheared); trace malachite
062 3 m chip of moderately sheared, chloritic volcanic; minor malachite
063 3 m chip of moderately to heavily sheared volcanic; malachite
064 3 m chip of slightly brecciated and sheared felsic volcanic; trace malachite
065 3 m chip of slightly brecciated and sheared felsic volcanic; trace malachite
066 3 m chip of moderately more sheared section; trace malachite
067 3 m chip of moderately more sheared section; trace malachite
068 3 m chip of light salmon felsic breccia (heavily sheared); trace malachite
069 3 m chip of brecciated and sheared ignimbrite
070 3 m chip of andesitic dyke
071 3 m chip of andesitic dyke; epidote and minor feldspathic inclusions
072 3 m chip of andesitic dyke; epidote and minor feldspathic inclusions
073 3 m chip of andesitic dyke; epidote and minor feldspathic inclusions
074 3 m chip of andesitic dyke; epidote and minor feldspathic inclusions
075 3 m chip of andesitic dyke; epidote and minor feldspathic inclusions
076 3 m chip of brecciated and sheared ignimbrite
077 3 m chip of brecciated and sheared ignimbrite
078 3 m chip of brecciated and sheared ignimbrite
079 3 m chip of brecciated and sheared ignimbrite
081 3 m chip of gradational contact to salmon pink felsic breccia
082 3 m chip of dioritic rock; minor chlorite
083 3 m chip of gradational contact to salmon pink felsic breccia
084 3 m chip of gradational contact to salmon pink felsic breccia
085 3 m chip of gradational contact to salmon pink felsic breccia
086 3 m chip of contact with sheared felsic volcanic; malachite & trace PbS
087 3 m chip of bleached felsic volcanic; minor malachite
088 3 m chip of gradation to light green matrixed felsic volcanic
089 3 m of felsic ignimbrite
090 grab of felsic dyke (?); trace Py
091 grab of felsic dyke (?); trace Py
093 grab of ignimbrite in gulley floor; slightly rusty, Mn stain
094 grab of ignimbrite in gulley floor; slightly rusty, Mn stain
095 grab of 3 carbonate veins (over 3 m) and bleached host rocks
096 grab of brecciated mica schist (tuff); malachite on fractures
105 3 m chip across rusty, felsic volcanic porphyry; trace malachite
107 2.1 m chip across cream bleached ignimbrite; jarosite, arsenopyrite & PbS
108 grab of cream bleached ignimbrite; trace arsenopyrite
109 3 m chip of green felsic ignimbrite (chloritic); malachite
81K-R110 2 m chip of green felsic ignimbrite (chloritic)

81I-R095 2 m chip along quartz-carbonate vein (7.6 cm wide); Py and Fl
108 grab of rusty zone in highly fractured light felsic ignimbrite; Py
109 4.5 m chip along quartz vein (6 cm wide) in pink felsic ignimbrite; Fl & Py

113 3 m chip along shear in rusty felsic ignimbrite
217 grab of highly fractured and rusty conglomerate; minor Py
218 grab of highly fractured and rusty conglomerate; minor Py
219 grab of highly fractured and rusty conglomerate; minor Py and jarosite
81I-R220 grab of bleached ignimbrite; minor Py

81M-R013 grab of well fractured ignimbrite; minor limonite and quartz veinlets
042 grab of rusty, brecciated dacite (over 30 m thick)
089 grab of fractured felsic dyke (?); arsenopyrite, Py and PbS fracture & vug filling
090 1.5 m chip of dark fractured, felsic ignimbrite
091 2.8 m chip of bleached fractured, felsic ignimbrite; minor arsenopyrite
092 2.45 m chip across bleached felsic ignimbrite zone; quartz, chalcedony, CPy, Py, PbS, arsenopyrite
093 5 m chip of dark grey felsic ignimbrite
094 5 m chip of dark grey felsic ignimbrite
095 5 m chip of dark grey felsic ignimbrite
096 5 m chip of dark grey felsic ignimbrite
097 4.95 m chip of dark grey felsic ignimbrite
098 3.3 m chip across bleached felsic ignimbrite; chalcedony, minor arsenopyrite (vein)
099 5 m chip of dark grey, felsic ignimbrite
100 5 m chip of dark grey, felsic ignimbrite
101 5 m chip of dark grey, felsic ignimbrite
102 5 m chip of dark grey, felsic ignimbrite
81M-R103 0.6 m across bleached felsic ignimbrite; arsenopyrite, PbS & Py (vein)

81J-R028 grab of rusty, bleached, flow banded rhyolite

81M-R013 grab of well fractured ignimbrite; minor limonite and quartz veinlets
042 grab of rusty, brecciated dacite (over 30 m thick)
089 grab of fractured felsic dyke (?); arsenopyrite, Py and PbS fracture & vug filling
090 1.5 m chip of dark fractured, felsic ignimbrite
091 2.8 m chip of bleached fractured, felsic ignimbrite; minor arsenopyrite
092 2.45 m chip across bleached felsic ignimbrite zone; quartz, chalcedony, CPy, Py, PbS, arsenopyrite
093 5 m chip of dark grey felsic ignimbrite
094 5 m chip of dark grey felsic ignimbrite
095 5 m chip of dark grey felsic ignimbrite
096 5 m chip of dark grey felsic ignimbrite
097 4.95 m chip of dark grey felsic ignimbrite
098 3.3 m chip across bleached felsic ignimbrite; chalcedony, minor arsenopyrite (vein)
099 5 m chip of dark grey, felsic ignimbrite
100 5 m chip of dark grey, felsic ignimbrite
101 5 m chip of dark grey, felsic ignimbrite
102 5 m chip of dark grey, felsic ignimbrite
81M-R103 0.6 m across bleached felsic ignimbrite; arsenopyrite, PbS & Py (vein)

81J-R028 grab of rusty, bleached, flow banded rhyolite

APPENDIX IV

GEOCHEMICAL/ASSAY RESULTS

COMPANY: nnco Explorations

PROJECT #: W/210310

ATTENTION: R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST. NORTH VANCOUVER B.C. V7M 1T2

PHONE (604) 980 5814

-488

DATE: July 27 1981.

Sample Number	Al %	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	Ba ppm	Mn ppm	Au ppb	W ppm	Mo ppm	Sn ppm
81GL113		163	253	1000			3.1					90	2	10	3
14		18	44	96			0.8					1300	2	1	2
15		64	96	320			0.8			(40 M)		10	2	1	< 2
16		485	494	1080			6.2					5	2	7	< 2
17		310	606	820			3.7					5	2	5	< 2
19		14	41	114			0.9			(40 M)		5	2	4	2
20		17	144	199			4.5					5	2	11	< 2
21		11	30	103			0.9					5	2	1	3
22		12	42	110			0.6					10	2	1	< 2
23		204	432	1248			8.8			(40 M)		5	nes	4	2
24		43	164	303			5.8					10	2	1	2
25		373	584	1320			4.9					5	2	12	< 2
26		87	246	337			2.2					5	8	4	11
27		40	122	244			1.0			(40 M)		5	2	2	2
28		46	106	274			1.4					10	nes	2	< 2
29		18	46	104			1.2			(40 M)		5	4	1	2
30		60	194	322			4.4					5	2	1	70
31		14	40	98			1.0			(40 M)		5	2	1	3
32		75	295	420			4.0			(40 M)		nes	nes	1	< 2
81GL133		20	52	134			1.2					5	4	2	< 2

CERTIFIED BY:

COMPANY Kennco Exploration

PROJECT No. W/210310

ATTENTION R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.
705 WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980 5814

-20 Mesh Heavy Mineral

File No. 1-488

DATE July 27 1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Mg ppb	As ppm	Mn ppm	Au ppb	W ppm	Sn ppm	HM %
81GL113							66					5	<2	2	4.08
114							55					10	<2	2	0.69
115							710					10	<2	<2	1.49
116							1388					200	4	<2	3.42
117							1455					5	4	6	4.73
118							4800					20	3	<2	2.78
119							823					5	<2	<2	0.97
120							33					630	<2	<2	4.02
121							830					40	<2	<2	0.51
122							21					10	<2	4	1.07
123							3300					15	2	42	0.89
124							276					20	<2	3	1.29
125							81					30	4	5	3.35
126							2455					25	4	11	1.13
127							32					5	4	3	1.10
128							61					50	<2	2	0.70
129							54					5	<2	2	0.68
130							3168					240	4	<2	1.47
131							79					5	4	<2	1.46
132							1610					5	<2	2	0.28
81GL133							49					20	<2	65	3.33

Kennco Explorations

W/210310

R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd

[illegible] -583

DATE Aug. 7. 1981.

	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Mo ppm	Sb ppm
81KR025	21900	1,720.0	440.0			5.85.0					15		
81KR026		34				1.5					5	4	
81KR033						1.4			8.2		20		22
034	3080	32.0				2.05					20		
035	1340		130.0			6.80					110		
81KR039	8790		780.0			1,800.0					50		
81KR040	28	2.8				1.6					5		1.65
81IR095						1.6			36		45	5	2
81MR013						0.8					15		
81KR022						0.7					5		
023						1.6					55		
81KR024						1.4					10		
81KR038						1.0					35		

COMPANY Ken[redacted]o Explorations

PROJECT # W/210310

ATTENTION: R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

[redacted] WEST 15th ST. NORTH VANCOUVER B.C. V7M 1R2

PHONE (604) 980-5814

File No. 1[redacted]0

DATE Aug. 7, 1981.

Sample #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb
81IR108					5.1							60																			
109					1.8							15																			
81IR113			39		2.6					36,00		70				22															

CERTIFIED BY [redacted]

COMPANY Kennco Explorations

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd

PROJECT W/210310

ATTENTION R. Pegg

DATE Aug. 7, 1981.

SAMPLE	X	X	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Mo ppm	Sn ppm	W ppm
	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	
81NS165			48	132	183			3.3				1580		18	2	4
166			14	49	131			0.9				1200		2	3	3
167			18	124	193			1.0				1060		11	3	2
81NS168			30	37	210			1.3				2700		6	11	18

COMPANY: [redacted]nco Explorations

PROJECT NO: W/210310

ATTENTION: R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

P. No. [redacted]590R

DATE: Aug.13 1981.

Sample No.	10 Mo ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Mg ppb	55 As ppm	60 Mn ppm	65 Au ppb	70	75
81NS165												5		
66												5		
67												5		
81NS168												20		

Certified by

COMPA[illegible] Kennco Expl.

PROJECT [illegible] W/210310

ATTENTION Rex Pegg

GEOCHEMICAL [illegible]LYSIS DATA SHEET

MIN - EN Laboratories Ltd

[illegible] WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 986-5814

[illegible]-659

DATE Aug. 11 1981.

Sample Number	x / xx	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mo ppm	Au ppb	Sb ppm
81K-R041			261				30					5	32
81K-R044							11					10	
81M-R042							10					5	

COMPA[illegible] Kennco Expl.

PROJECT [illegible] W/210310

ATTENTION Rex Pegg

GEOCHEMICAL [illegible]LYSIS DATA SHEET

MIN - EN Laboratories Ltd

705 WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980 5814

[illegible]-659

DATE Aug.13 1981.

Sample Number	x / xx	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sb ppm
81K-R041			261				30					5	32
81K-R044							1.1					10	
81M-R042							1.0					5	

CERTIFIED BY [illegible]

COMPANY Kennco Explorations

PROJECT No. W/210310

ATTENTION R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE 1-659

DATE Aug.18 1981.

Sample Number	Ni ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Mn ppm	Au ppb	Mo ppm	W ppm	Sn ppm
81LS275		90	480	441			46		(40mesh)		5	12	2	<2
76		36	158	256			12				5	9	2	<2
77		8	19	32			13				5	2	<2	<2
78		86	115	516			31				10	4	3	<2
79		12	36	88			09				5	2	<2	<2
80		10	61	120			11				10	6	2	<2
81		136	353	640			37				5	6	6	<2
82		nes	nes	nes			nes				5	nes	2	2
83		50	194	285			22				5	4	2	<2
84		50	203	291			20				5	6	3	<2
85		52	224	318			24				5	4	4	3
86		64	336	408			31				10	3	4	2
90		18	49	106			14				<5	2	<2	<2
91		6	43	73			09				5	1	2	<2
92		10	40	92			06				5	2	<2	2
93		18	60	184			29				10	6	3	2
94		22	85	130			10				5	8	3	2
95		66	96	180			36				5	14	2	<2
97		470	373	610			39				10	3	4	3
98		144	400	500			49				10	18	3	<2
99		275	120	720			29				5	6	2	<2
S300		20	41	81			30				10	6	2	<2
01		16	63	108			07				10	14	3	<2
02		14	21	29			07				10	1	2	<2
03		34	60	221			12				5	4	3	2
04		40	71	222			09				5	2	2	4
81LS305		40	69	196			10				5	2	4	<2

COMPANY: Kennco Explorations

PROJECT No.: W/210310

ATTENTION: R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980 5814

REPORT No.: 1-659

DATE: Aug. 19 1981

Sample Number	Ni ppm	Cu ppm	Pb ppm	Zn ppm	Mn ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Sb ppm	Au ppb	Mo ppm	W ppm	Sn ppm
81NS169		313	356	950			26					65	9	2	2
70		302	347	890			24					5	8	3	<2
71		353	336	990			26					10	10	4	<2
72		441	342	850			25					5	10	6	2
73		197	168	490			30					5	4	3	6
74		82	130	365			21					5	4	2	2
75		139	135	368			24					10	2	2	4
76		155	170	580			25					5	4	<2	<2
77		263	181	690			26					5	10	3	<2
78		236	184	520			25					5	9	2	<2
79		240	250	750			25					10	8	2	2
80		193	169	650			19					5	6	2	3
81		42	111	318			10					5	4	3	<2
82		135	93	350			21					5	6	2	2
83		52	57	215			11					5	2	5	3
84		42	49	156			09					5	2	2	<2
85		44	73	192			13					10	4	<2	<2
86		58	77	252			09					5	5	<2	<2
87		68	92	278			13					10	6	<2	3
88		88	57	253			13					5	6	<2	4
89		105	101	308			18					5	2	4	2
90		26	57	205			14					5	2	<2	<2
91		20	50	151			14					<5	4	<2	<2
92		14	56	147			10					5	4	2	2
93		14	49	126			10					10	2	<2	<2
94		16	51	135			12					5	4	<2	<2
81NS195		12	46	112			09		(40 mesh)			5	5	<2	3
81LS272		156	484	640			26					15	8	2	3
73		105	297	364			26					10	8	2	2
81LS274		66	240	246			18		(40 mesh)			5	2	3	<2

COMPANY: Kennco Explorations

PROJECT No: W/210310

ATTENTION: R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE: 1-659

DATE: Aug. 19, 1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Mo ppm	W ppm	Sn ppm
81LS306		25	86	145			10					5	1	<2	<2
07		nes	nes	nes			nes					15	nes	<2	3
08		92	310	438			32					60	6	<2	2
09		41	110	260			12					15	1	3	<2
10		97	570	410			25					20	4	4	<2
11		78	215	385			16					10	1	4	<2
12		16	56	128			11					5	4	2	2
13		14	62	114			12					10	16	3	<2
14		8	36	47			09					5	4	3	<2
15		12	50	102			10					5	4	<2	<2
16		10	38	76			09					5	2	2	<2
17		22	50	134			12					5	8	<2	<2
18		18	40	127			09					5	2	<2	3
19		16	50	173			09					80	4	3	<2
81LS320		22	88	223			10					5	4	2	<2

CERTIFIED BY

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE: (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. W/210310
DATE: Aug. 20/81.
File No. 1-693

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton	
81K-R076	.003	.02	.01	.02	.002	
77	.003	.01	.02	.02	.001	
78	.002	.01	.01	.01	.001	
79	.004	.01	.01	.01	.002	
81	.009	.01	.02	.05	.001	
82	.029	.02	.04	.17	.001	
83	.286	.13	.06	1.80	.001	
84	.029	.03	.04	.16	.001	
85	1.196	1.54	.08	5.68	.002	
86	.476	.58	.12	3.02	.001	
87	.302	.34	.02	1.94	.001	
88	.136	.06	.02	1.63	.001	
81K-R089	.008	.01	.02	.06	.001	
81K-R054	.009	.01	.02	.05	.001	
55	.311	.06	.07	2.69	.001	
56	.105	.08	.04	.93	.001	
57	.123	.08	.05	1.07	.001	
58	.051	.03	.04	.42	.001	
59	.194	.33	.07	1.85	.001	
60	1.018	.85	4.80	8.13	.001	
69	.008	.01	.01	.06	.001	
70	.003	.01	.01	.03	.001	
71	.006	.01	.01	.04	.001	
72	.003	.01	.01	.01	.001	
73	.005	.01	.01	.03	.001	
74	.172	.07	.05	1.59	.001	
81K-R075	.007	.01	.01	.03	.001	

MINE-EN Laboratories Ltd.

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. W/210310
DATE: Aug.20/81.
File No. 1-693

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Sb %	Au oz/ton
81K-R037				.02		.001
45	.145	.01	.08	.56		.002
46	.769	.02	.06	1.82		.002
47	.031	.19	.13	.49		.005
48	.021	.30	.15	.48		.003
49	.013	.03	.04	.20		.001
50	1.541	7.23	1.48	16.75		.159
51	2.176	12.56	4.80	38.50		.167
52	.072	.10	.04	.43		.001
81K-R053	.035	.02	.02	.23		.001
81G-R308	.287	2.48	.83	176.00	.039	.051
81G-R314	.236	.11	.28	3.05		.008
15	.011	.21	.21	7.96		.007
81G-R316	.136	.29	.18	.99		.001
81J-R028	.003	.01	.01	.07		.001

MINE-EN Laboratories Ltd.

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE: (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. W/210310
DATE: Aug.20/81.
File No. 1-693

SAMPLE No.	As %					
81K-R045	.01					
46	.01					
47	1.40					
48	.10					
49	.02					
50	9.80					
51	20.40					
52	.20					
81K-R053	.05					
81G-R308	7.75					

MINE-EN Laboratories Ltd.

COMPA. nnco Explorations

PROJECT # W/210888

ATTENTION R. Pegg

GEOCHEMICAL ...ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, BC V7M 1T2

PHONE (604) 980-5814

...-692

DATE Aug. 26 1981.

Sample No.	Mo ppm	W ppm	Sn ppm
81L-S321	5	8	<2	<2
22	10	4	<2	<2
23	5	1	2	<2
24	5	1	<2	3
25	5	6	<2	2
26	10	8	<2	<2
27	15	1	<2	<2
28	5	1	<2	<2
81L-S329	255	72	3	2

COMPA. Kennco Explorations

PROJECT N. 210310

ATTENTION R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980 5814

F. 1-768

DATE Aug. 29 1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
81KR080							94					180
90							51					40
93							18					20
94							11					10
95							41					10
81KR096		1540					100					10

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE: (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No W/210310
DATE: Sept.3/81.
File No. 1-804

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton	
81K-R065	.029	.03	.02	.20	.001	
66	.740	.25	.08	5.08	.001	
81K-R068	.011	.01	.01	.12	.001	
81K-R067	.012	.03	.04	.09	.001	
81K-R105	.160		.85	1.02	.001	
81M-R089	.140	2.54	1.16	1.49	.118	

MINE-EN Laboratories Ltd.

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE: (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. W/210310
DATE: Sept.3/81.
File No. 1-804

SAMPLE No.	As %	Sb %				
81M-R090	.29	.002				
91	.50	.001				
92	.93	.003				
93	.05	.001				
94	.06	.002				
95	.07	.003				
96	.08	.002				
97	.06	.001				
98	.16	.001				
99	.08	.002				
100	.05	.001				
01	.05	.002				
02	.08	.002				
81M-R103	8.40	.102				
81G-R358	3.75					
60	.07					
61	.20					
62	3.80					
63	2.58					
64	16.00					
65	8.55					
81G-R359	14.50	.122				
81M-R089	2.70	.004				

MINE-EN Laboratories Ltd.

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations

730-505 Burrard St.,

Vancouver, B.C.

PROJECT No. W/210310

DATE: Sept.3/81.

File No. 1-804

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton	
81M-R090	.039	.28	.19	.68	.002	
91	.012	.30	.14	.52	.009	
92	.022	.66	.48	1.39	.410	
93	.003	.01	.03	.06	.002	
94	.004	.01	.05	.07	.002	
95	.003	.01	.02	.07	.001	
96	.005	.01	.05	.15	.006	
97	.007	.02	.04	.16	.002	
98	.013	.02	.04	.11	.001	
99	.002	.01	.03	.04	.001	
100	.002	.01	.03	.02	.002	
01	.003	.01	.03	.01	.002	
02	.016	.04	.05	.19	.002	
81M-R103	.246	12.25	.62	17.50	.192	
81G-R355	.092	.17	.14	.38	.002	
56	.915	1.95	2.14	8.10	.008	
57	1.585	.05	.04	11.50	.009	
81G-R366	2.170	.05	.03	12.45	.183	
81G-R358	.034	.13	.13	3.10	.009	
60	2.570	.06	.50	16.70	.002	
61	.022	.02	.03	.52	.006	
62	.014	.73	.02	49.90	.010	
63	.006	.59	.01	53.20	.009	
64	.112	2.48	.08	192.00	.112	
65	.064	1.32	.13	96.00	.051	
81G-R359	.097	3.74	.11	234.00	.132	
81K-R061	.007	.04	.01	2.04	.006	
62	.090	.05	.03	.55	.002	
63	.622	.85	.02	3.08	.003	
81K-R064	.615	.66	.19	3.98	.002	

MINE-EN Laboratories Ltd.

COMPANY Kennco Explorations

GEOCHEMICAL ANALYSIS DATA SHEET

1-768

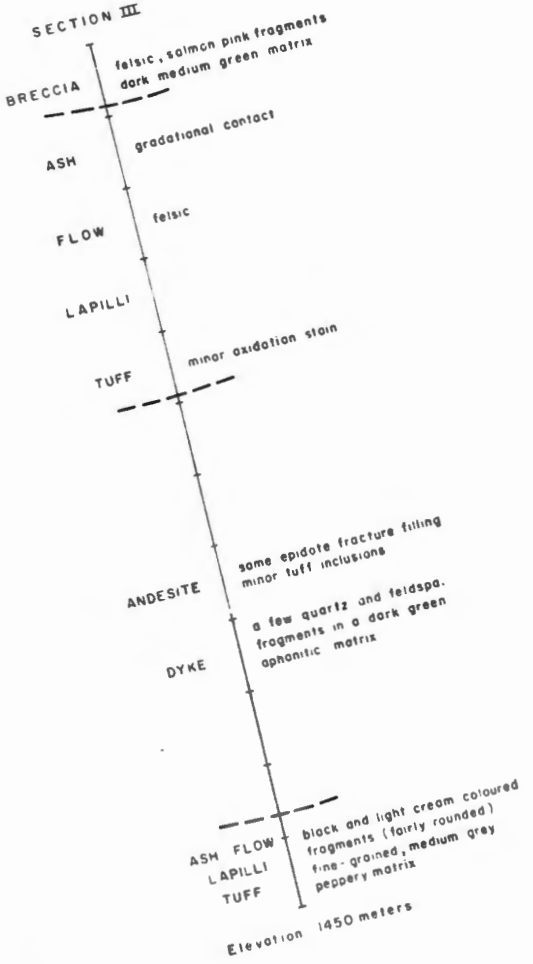
PROJECT # 210310

ATTENTION: R. Pegg

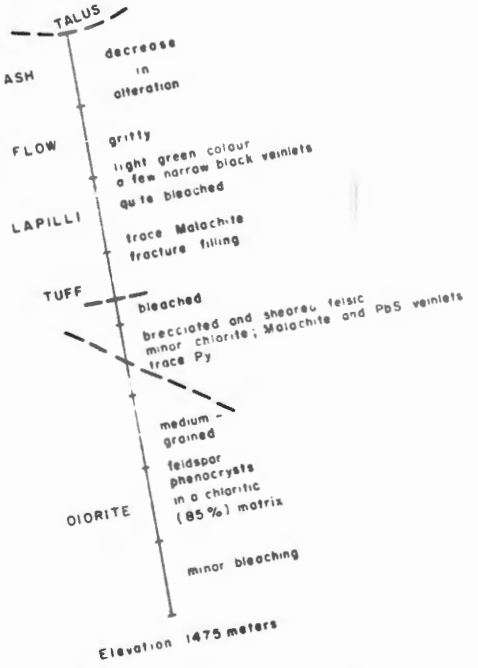
DATE Sept.4 1981.

Sample No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm	Mo ppm	W ppm	Sn ppm
81N-S1 98	333	280	520	.46		30	50	<2	<2
99	54	102	205	.10		5	7	<2	<2
81N-S2 00	26	66	168	.11		5	3	<2	2
81N-S0 27	400	810	3500	.98		5	8	<2	<2
81L-S3 30	31	98	225	.15		5	2	<2	3
31	34	79	175	.12		5	4	<2	<2
32	29	68	151	.17	(40mesh)	10	4	<2	2
33	37	82	191	.08		5	4	<2	2
34	38	87	182	.13		10	2	<2	3
35	22	34	134	.09	(40mesh)	nes	1	<2	2
36	26	140	210	.10		5	4	<2	<2
37	26	72	120	.14		<5	4	<2	4
38	16	200	140	.13		5	30	<2	<2
39	27	105	223	.10		<5	8	<2	<2
40	24	87	184	.10		15	6	<2	2
41	31	125	198	.15		5	2	<2	<2
42	12	33	89	.10		5	1	<2	2
43	27	103	158	.10		10	1	<2	<2
44	30	75	176	.14		15	2	<2	<2
45	33	58	176	.12		5	2	<2	<2
46	24	80	163	.13		5	1	<2	2
47	16	31	86	.11		<5	1	<2	2
48	68	78	295	.28		<5	4	<2	<2
49	48	53	239	.61		5	1	<2	3
50	13	25	68	.07		5	1	<2	2
51	18	57	153	.4		5	4	<2	<2
52	21	120	300	.07		20	5	<2	<2
53	40	125	291	.28		5	6	<2	<2
81L-S3 54	37	98	195	.13		10	1	<2	<2

SECTION III



SECTION IV



SECTION II

TALUS

slightly brecciated,
light salmon cream, minor oxidized stain

ASH

highly sheared
calcite fracture filling
trace Malachite

FLOW

highly sheared
calcite fracture filling
trace Malachite

contact zone
minor brecciation
minor oxidation stain
trace Malachite and calcite

LAPILLI

contact zone
minor brecciation
minor oxidation stain
trace Malachite and calcite

dark black breccia
sand sized fragments
seam of Malachite

moderate shearing
some light salmon felsic fragments
2 (5cm x 5cm) patches of Malachite

TUFF

heavily sheared
dark green (chloritic); trace Malachite

light salmon felsic
breccia

Elevation 1490 meters

SECTION I

TALUS

fractured

GREEN

one narrow PbS veinlet,
minor patches of
Malachite, fractured

ASH

a few siliceous fragments,
trace of Malachite; fractured

FLOW

more fractured;
trace Malachite

LAPILLI

fractured,
trace of Malachite

TUFFS

heavily sheared;
chlorite, minor epidote and
trace Malachite

greyish purple
minor epidote
and chlorite

LAPILLI TUFF

LAPILLI TUFF

light creamy pink
minor chlorite and
irregular quartz-carbonate
veinets

TALUS

Elevation 1515 meters

*Note Sections surveyed using compass, chain, and altimeter



SCALE 1cm = 2meters

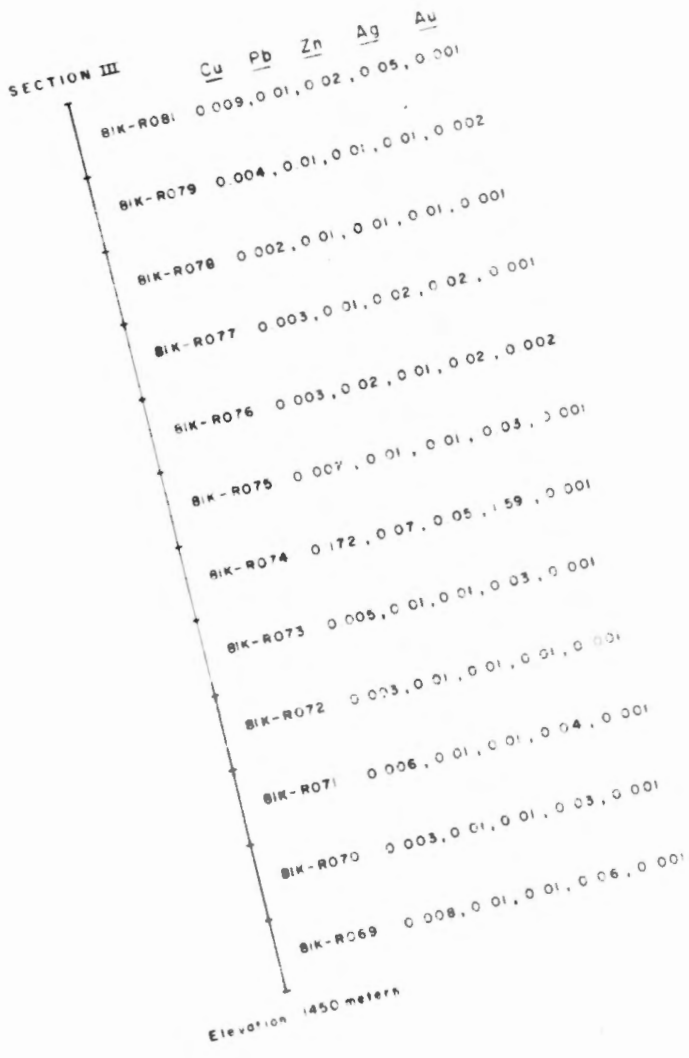
5 5 0 meters

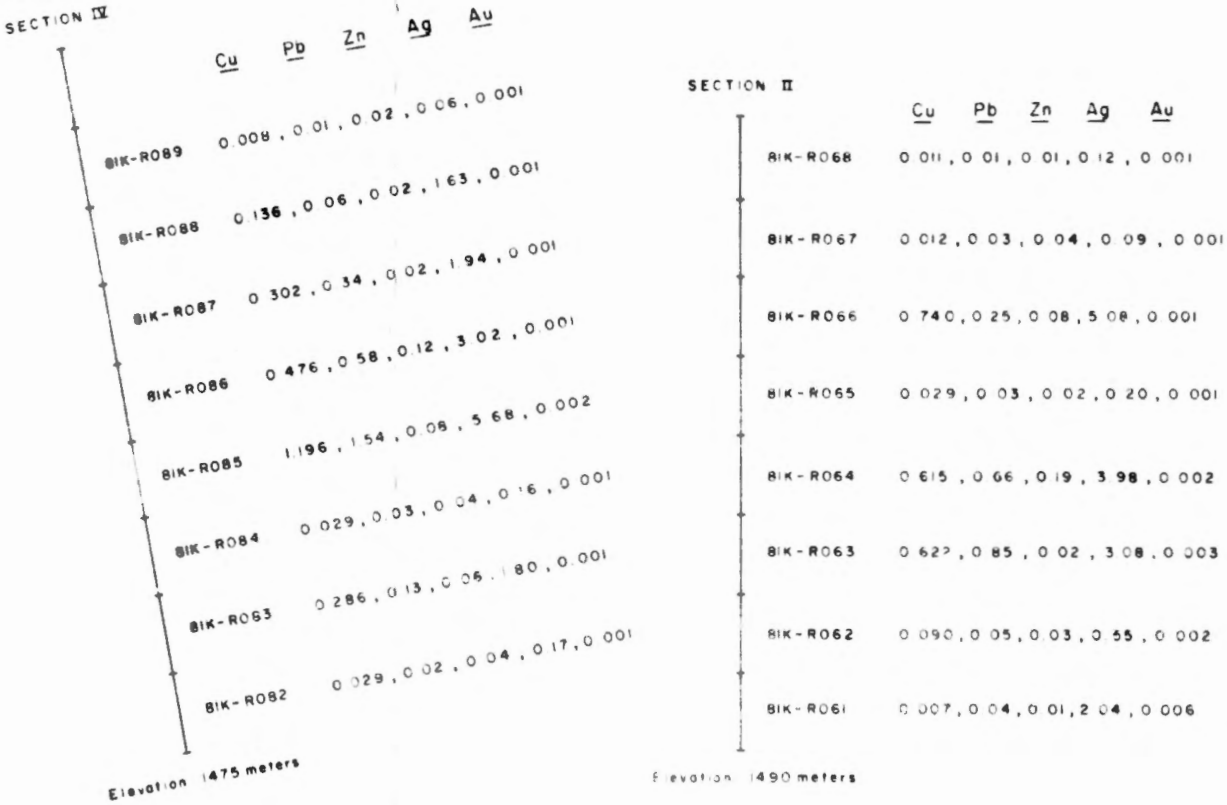
KENNCO EXPLORATIONS (WESTERN) LIMITED

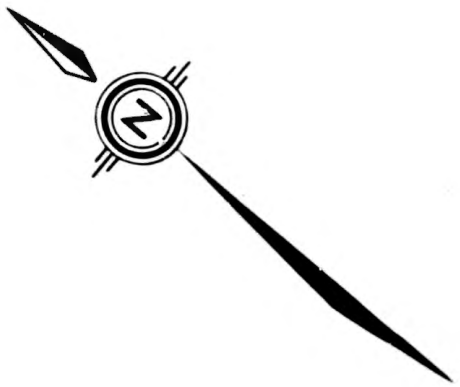
GOAT CLAIMS
GEOLOGY OF THE JONES SHOWING

DATA BY KENNCO EXPLORATIONS		NTS 105D/3	FIGURE NO 3
DRAWN BY G A M	DATE AUG 1981	SCALE 1:200	
TRACED BY E D S	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFT


SECTION III
Cu Pb Zn Ag Au
BIK-R081 0.009, 0.01, 0.02, 0.05, 0.001
BIK-R079 0.004, 0.01, 0.01, 0.01, 0.002
BIK-R078 0.002, 0.01, 0.01, 0.01, 0.001
BIK-R077 0.003, 0.01, 0.02, 0.02, 0.001
BIK-R076 0.003, 0.02, 0.01, 0.02, 0.002
BIK-R075 0.007, 0.01, 0.01, 0.03, 0.001
BIK-R074 0.172, 0.07, 0.05, 1.59, 0.001
BIK-R073 0.005, 0.01, 0.01, 0.03, 0.001
BIK-R072 0.003, 0.01, 0.01, 0.01, 0.001
BIK-R071 0.006, 0.01, 0.01, 0.04, 0.001
BIK-R070 0.003, 0.01, 0.01, 0.03, 0.001
BIK-R069 0.008, 0.01, 0.01, 0.06, 0.001
Elevation 1450 meters


SECTION IV
Cu Pb Zn Ag Au
81K-R089 0.008, 0.01, 0.02, 0.06, 0.001
81K-R088 0.136, 0.06, 0.02, 1.63, 0.001
81K-R087 0.302, 0.34, 0.02, 1.94, 0.001
81K-R086 0.476, 0.58, 0.12, 3.02, 0.001
81K-R085 1.196, 1.54, 0.08, 5.68, 0.002
81K-R084 0.029, 0.03, 0.04, 0.16, 0.001
81K-R083 0.286, 0.13, 0.06, 1.80, 0.001
81K-R082 0.029, 0.02, 0.04, 0.17, 0.001
Elevation 1475 meters
SECTION II
Cu Pb Zn Ag Au
81K-R068 0.011, 0.01, 0.01, 0.12, 0.001
81K-R067 0.012, 0.03, 0.04, 0.09, 0.001
81K-R066 0.740, 0.25, 0.08, 5.08, 0.001
81K-R065 0.029, 0.03, 0.02, 0.20, 0.001
81K-R064 0.615, 0.66, 0.19, 3.98, 0.002
81K-R063 0.622, 0.85, 0.02, 3.08, 0.003
81K-R062 0.090, 0.05, 0.03, 0.55, 0.002
81K-R061 0.007, 0.04, 0.01, 2.04, 0.006
Elevation 1490 meters



SECTION I

		Cu	Pb	Zn	Ag	Au
	81K-R110	0.025	0.01	0.03	0.08	0.001
resample →	81K-R109	0.134	0.07	0.10	1.12	0.001
	81K-R060	1.018	0.85	4.80	8.13	0.001
	81K-R059	0.194	0.33	0.07	1.85	0.001
	81K-R058	0.051	0.03	0.04	0.42	0.001
	81K-R057	0.123	0.08	0.05	1.07	0.001
	81K-R056	0.105	0.08	0.04	0.93	0.001
	81K-R055	0.311	0.06	0.07	2.69	0.001
	81K-R054	0.009	0.01	0.02	0.05	0.001

Elevation : 1515 meters

LEGEND

	%	%	%	oz/ton	oz/ton
VALUES	Cu	Pb	Zn	Ag	Au

SCALE 1cm = 2meters

5 0 5 10 meters

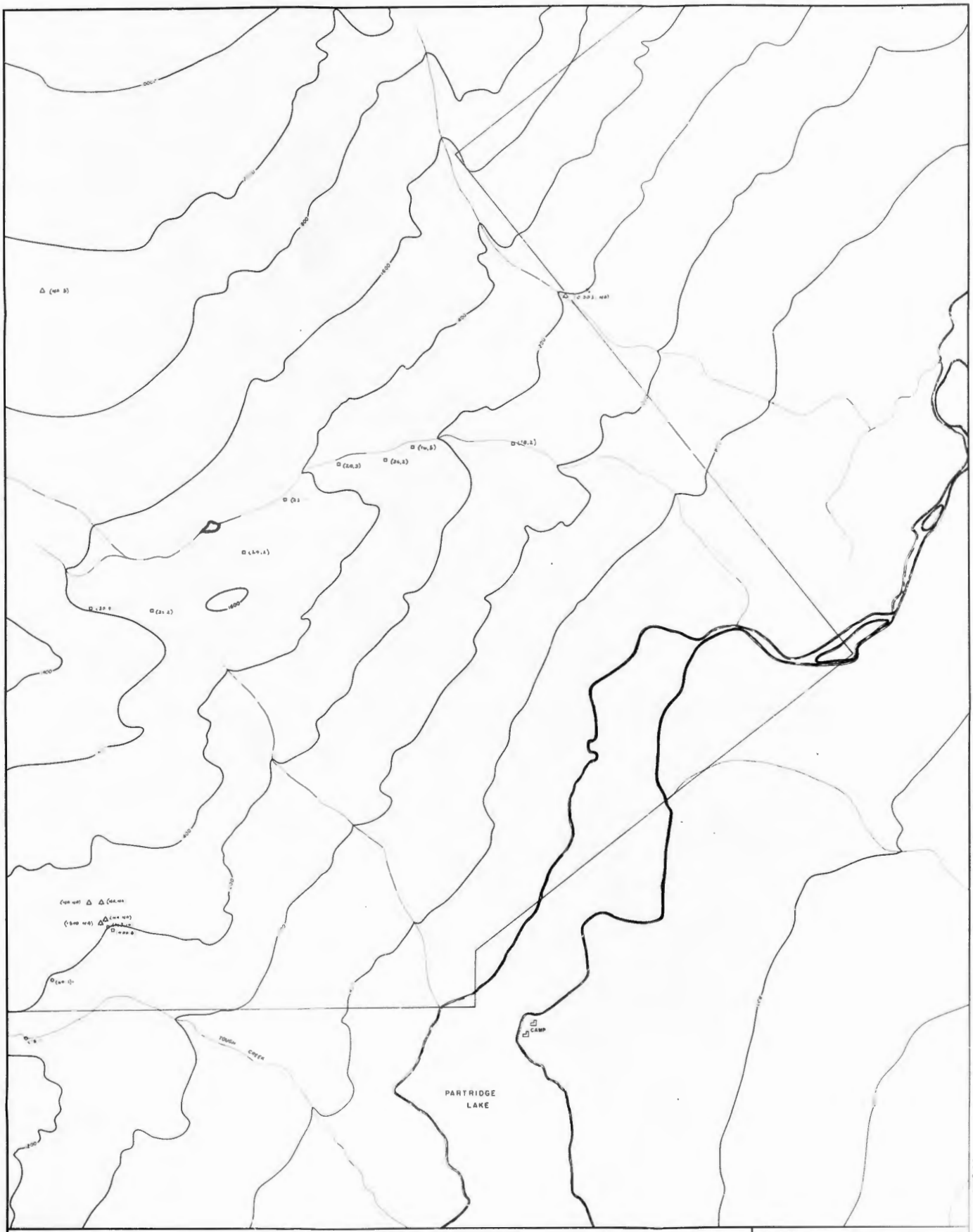
*Note Sections surveyed using compass, chain, and altimeter

KENNCO EXPLORATIONS (WESTERN) LIMITED

GOAT CLAIMS
CHIP SAMPLE GEOCHEMISTRY OF THE JONES SHOWING

DATA BY: KENNCO EXPLORATIONS		N.T.S. 105O/3	FIGURE NO. 4
DRAWN BY: G.A.M.	DATE: AUG. 1981	SCALE: 1 : 200	
TRACED BY: E.D.S.	DATE: SEPT. 1981		
REVISIONS:			

EXCLUSIVE DRAFTING SERVICES LTD.



LEGEND

—	Claim [illegible]	[illegible] 91	[illegible] Mo
△	Rock Sample	[illegible] 98 %	[illegible] Mo
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample		[illegible]
□	Soil Sample	H.M.	Heavy Mineral [illegible]

5	6	7	8
4	3	2	1

SCALE 1:5000

50 0 100 200 300 400 Metres

[illegible] INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS WESTERN

MACAULEY CREEK, Y.T

GOAT CLAIMS

GEOCHEMISTRY

Cu - Mo

SHEET 2 OF 8

DATA BY KENNCO EXPLORATIONS

DRAWN BY [illegible] DATE [illegible]

TRACED BY [illegible] DATE [illegible]

REVISIONS

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524

Certificate of Assay

TO: Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. 218310
DATE: Sept 8/81
File No. 1-836

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
81G-R367	3.650	.37	.41	12.50	.003
68	.073	.45	.01	1.30	.001
69	.344	.73	.46	2.27	.002
81G-R370	.049	3.45	.06	2.15	.059
81K-R107		.48	.01	49.95	.012
08		.02	.01	.87	.010
09	.136	.07	.10	1.12	.001
81K-R110	.025	.01	.03	.08	.001

MINE-EN Laboratories Ltd.

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 985-0514 TLX (604) 988-4524

Certificate of Assay

TO Kennco Explorations,
730-505 Burrard St.,
Vancouver, B.C.

PROJECT No. 210310
DATE Sept.8/81.
File No. 1-836

SAMPLE No.	Pb %	Zn %	Ag oz/ton	As %	Au oz/ton	Sb %
81G-R370				2.09		.024

-29a-

MIN-EN Laboratories

COMPANY Kennco Explorations

PROJECT No. 210310

ATTENTION

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

-836

DATE Sept. 9 1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
81I-R217							1.0					5
218							0.8					5
219							0.6					5
81I-R220							0.7					5

CERTIFIED BY

COMPANY Kennco Explorations

PROJECT No. 210310

ATTENTION

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE 1-836

DATE Sept. 11 1981.

Sample Number	K %	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mo ppm	Au ppb	W ppm	Sb ppm	Sn ppm
81NS255		431	985	1870			1.6				11	5	<2	48	<2
256		595	2550	1460			1.0				18	5	<2	30	<2
257		35	189	316			2.2				13	5	<2	45	2
258		16	74	208			1.3				5	5	<2	26	<2
259		32	138	264			1.8				2	5	<2	30	<2
260		37	120	243			2.2				4	30	<2	26	2
261		28	76	231			1.2				7	5	<2	24	2
81NS262		76	660	373			2.8				7	20	<2	18	2
81JS222		72	99	159			0.6				4	10	<2	14	<2
223		22	62	133			1.2				6	5	<2	16	2
224		7	50	83			0.8				7	5	2	20	<2
225		20	72	230			2.0				6	5	<2	25	2
226		20	38	182			1.2				2	5	<2	28	<2
227		20	62	222			5.5				4	5	2	32	2
228		11	20	84			1.0				1	5	<2	45	2
81JS229		18	40	126			1.1				1	5	2	15	2
81IS167		130	360	540			7.4				10	5	<2	22	2
168		38	124	253			1.3				6	5	3	18	2
169		20	108	341			1.6				22	5	<2	40	2
170		30	136	240			1.4				9	5	<2	22	<2
171		31	62	145			1.8				2	5	<2	18	2
172		24	50	143			1.0				2	5	<2	26	2
173		23	48	139			1.0				1	5	<2	18	<2
174		20	40	133			1.0				3	5	<2	12	2
175		26	52	162			1.4				2	10	<2	32	<2
176		16	36	115			1.3				5	5	<2	28	2
177		18	62	131			1.6				2	5	<2	25	2
178		38	18	97			1.2				1	5	2	40	2
179		20	16	104			0.8				3	5	<2	22	<2
81IS180		40	27	125			0.7				1	5	<2	28	2

-29w-

MPA: [illegible]co Explorations

OJECT No. 210310

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

[illegible] No. [illegible]836

DATE: Sept.11 1981.

Sample Number	X	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Nb	X	Mo	Au ppb	W ppm	Sb ppm	Sn ppm
81IS181		22	36	110			1.4				1	5	<2	50	<2
82		24	38	89			1.8				6	5	<2	26	<2
81IS183		17	27	104			1.2				2	5	<2	38	2
81HS028		255	1720	775			26.9				13	80	<2	54	<2
29		15	80	201			2.2				12	5	<2	54	<2
30		13	38	150			1.0		(40mesh)		4	5	<2	35	<2
31		13	24	101			1.2				1	5	<2	18	3
81HS032		15	23	68			0.8				5	5	<2	22	2

COMPANY Kennco Explorations

PROJECT No. W/210310

ATTENTION R. Pegg

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST. NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980 5814

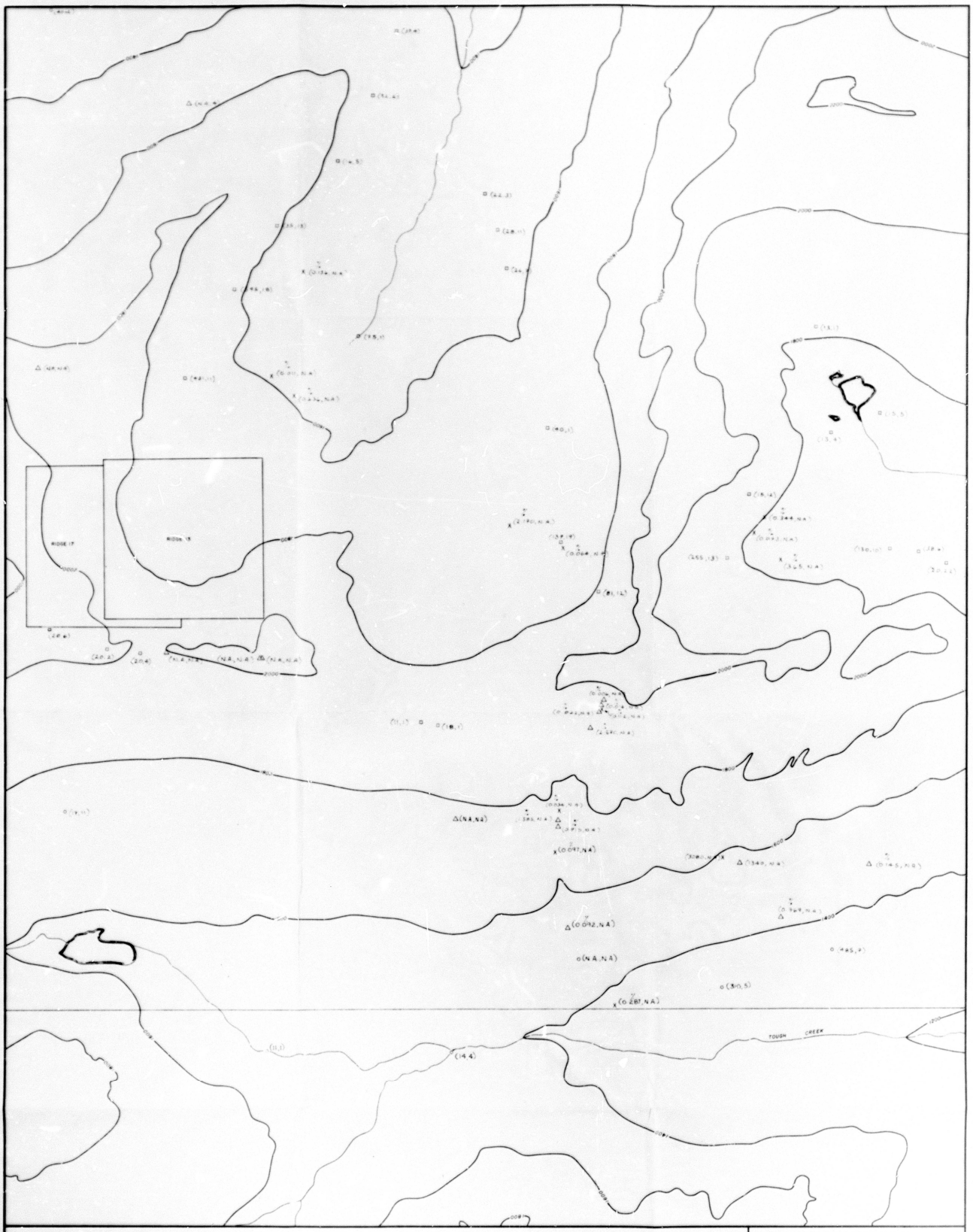
F 81-804

DATE: Sept. 14 1981.

Sample Number	Mo %	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sb ppm	Mo ppm	
81IS160		139	560	625			2.8			233		10	42	19	
61		81	640	710			5.8			800		50	60	12	
62		40	142	253			3.6			214		5	35	1	(40M)
63		26	94	206			2.6			116		5	26	7	
64		28	100	272			1.8			104		5	34	11	
65		22	99	223			2.0			174		20	32	3	
81IS166		37	83	198			1.8			30		5	40	1	
81JS210		17	34	99			1.0			8		5	26	2	
11		7	20	108			1.2			3		5	16	1	
12		27	52	100			1.0			1		5	18	1	
13		82	90	134			1.4			13		5	16	3	
14		18	60	113			1.0			3		5	20	1	
15		43	110	139			2.0			3		10	22	4	
16		26	67	123			1.4			5		5	26	2	
17		20	92	174			0.8			4		5	22	3	
18		16	48	121			1.1			1		10	28	1	
19		23	60	119			1.0			4		5	32	1	
20		470	590	855			17.4			750		20	30	7	
81JS221		178	280	426			2.8			48		10	24	2	

CERTIFIED BY

-29y-



LEGEND

——	Claim Boundary	(10, 41)	ppm Cu , ppm Mo
△	Rock Sample	(0.287 , 0.026)	% Cu , % Mo
o	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Silt Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK , Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Cu-Mo

SHEET 3 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 G/1	FILE NO. 14
DRAWN BY G.A.M.	DATE MAY '81	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT '081		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

——	Claim Boundary	(58, 4)	ppm Cu ; ppm Mo
△	Rock Sample	(.110,0.029)	% Cu , % Mo
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	- S	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

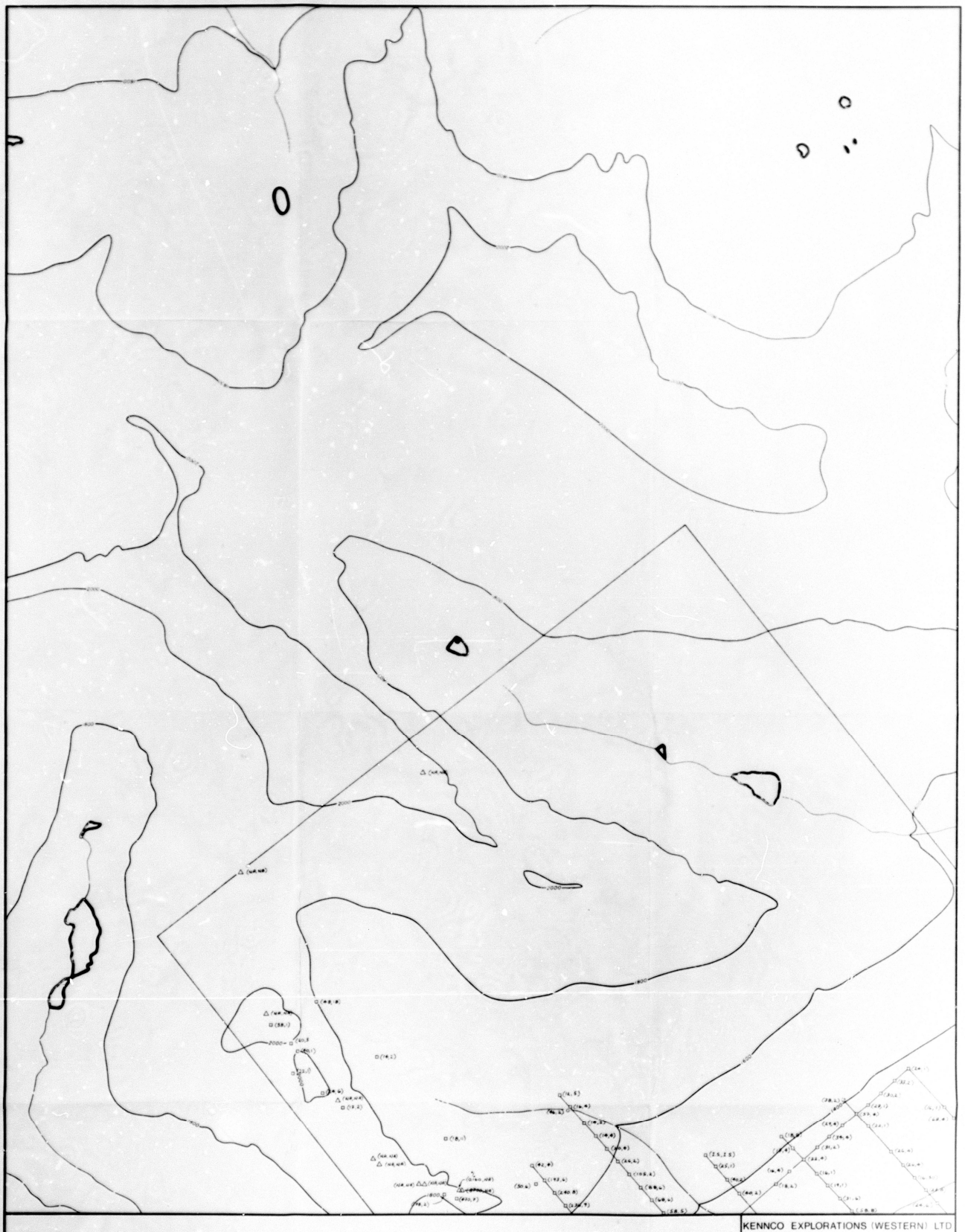
Cu - Mo

SHEET 4 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 106 D/3	PL. NO. 15
DRAWN BY G.A.M	DATE MAY 1981	SCALE 1 5,000	
TRACED BY E.D.S	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

—	Claim Boundary	(17, 2)	ppm Cu, ppm Mo
△	Rock Sample	% (0.098, % 0.026)	% Cu, % Mo
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

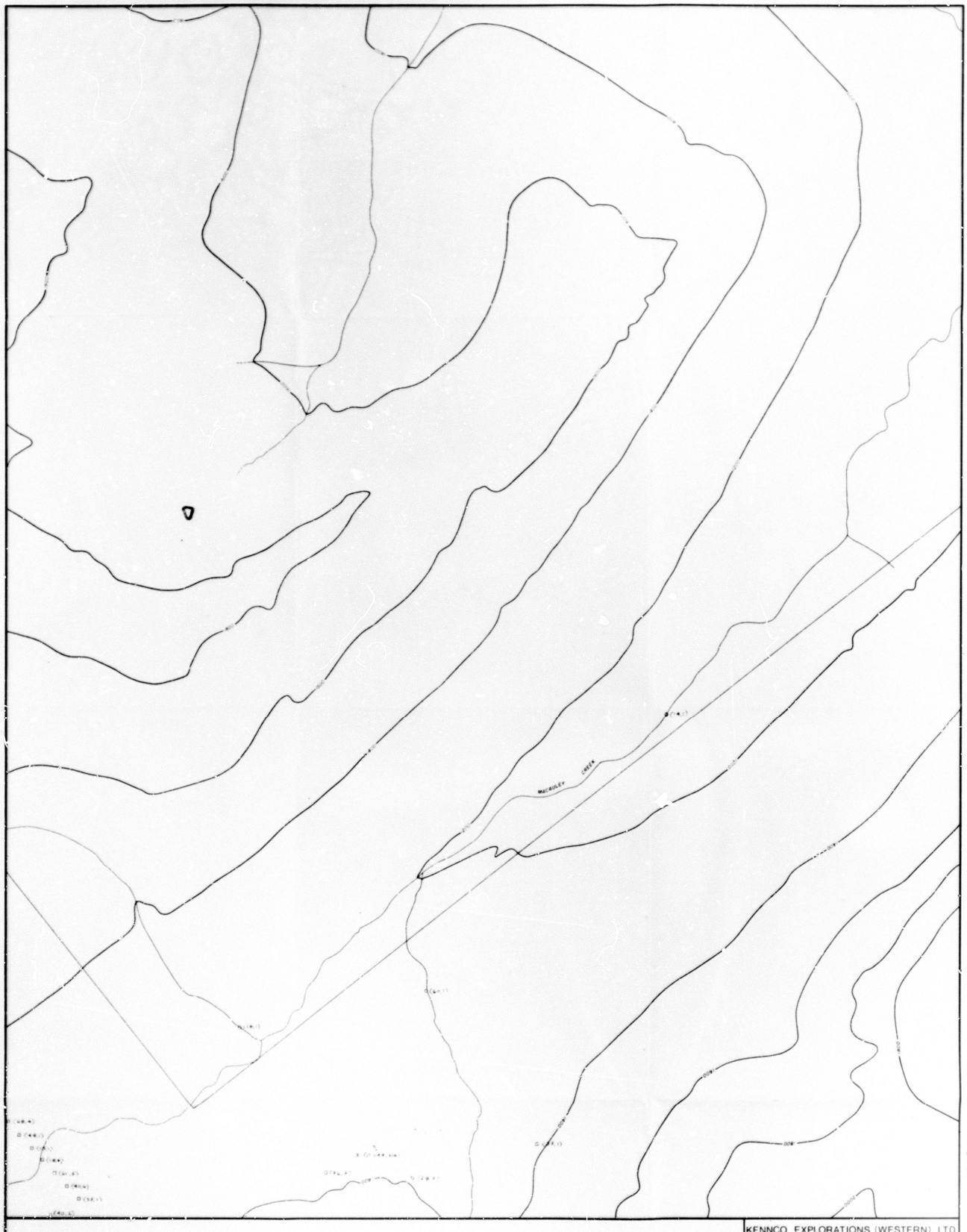
Cu-Mo

SHEET 5 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 D/3	PL. NO. 16
DRAWN BY GAM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

000910



LEGEND

—	Claim Boundary	40 ft	40% Cu ; ppm Mo
△	Rock Sample	% 0.098 % 0.026	% Cu ; % Mo
○	Silt Sample	NA	Not Analysed
⊻	Rock Float Sample	LS	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

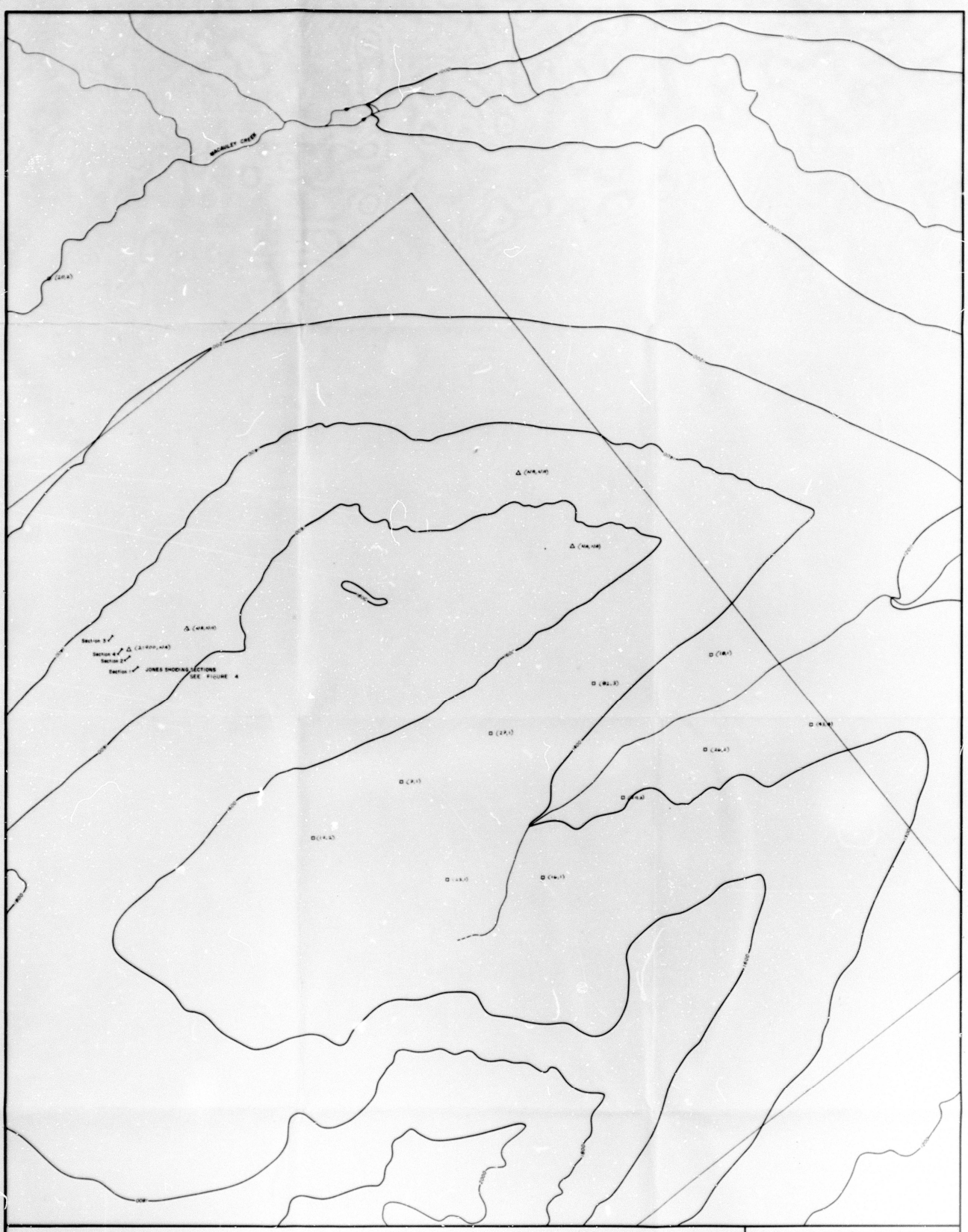
Cu - Mo

SHEET 6 OF 8

DATE BY KENNCO EXPLORATIONS		N.T.S. 105 E/3	PL NO. 17
DRAWN BY C.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

016060



LEGEND

——	Claim Boundary	(17, 2)	ppm Cu, ppm Mo
△	Rock Sample	% % (0.058, 0.026)	% Cu, % Mo
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 20M Metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

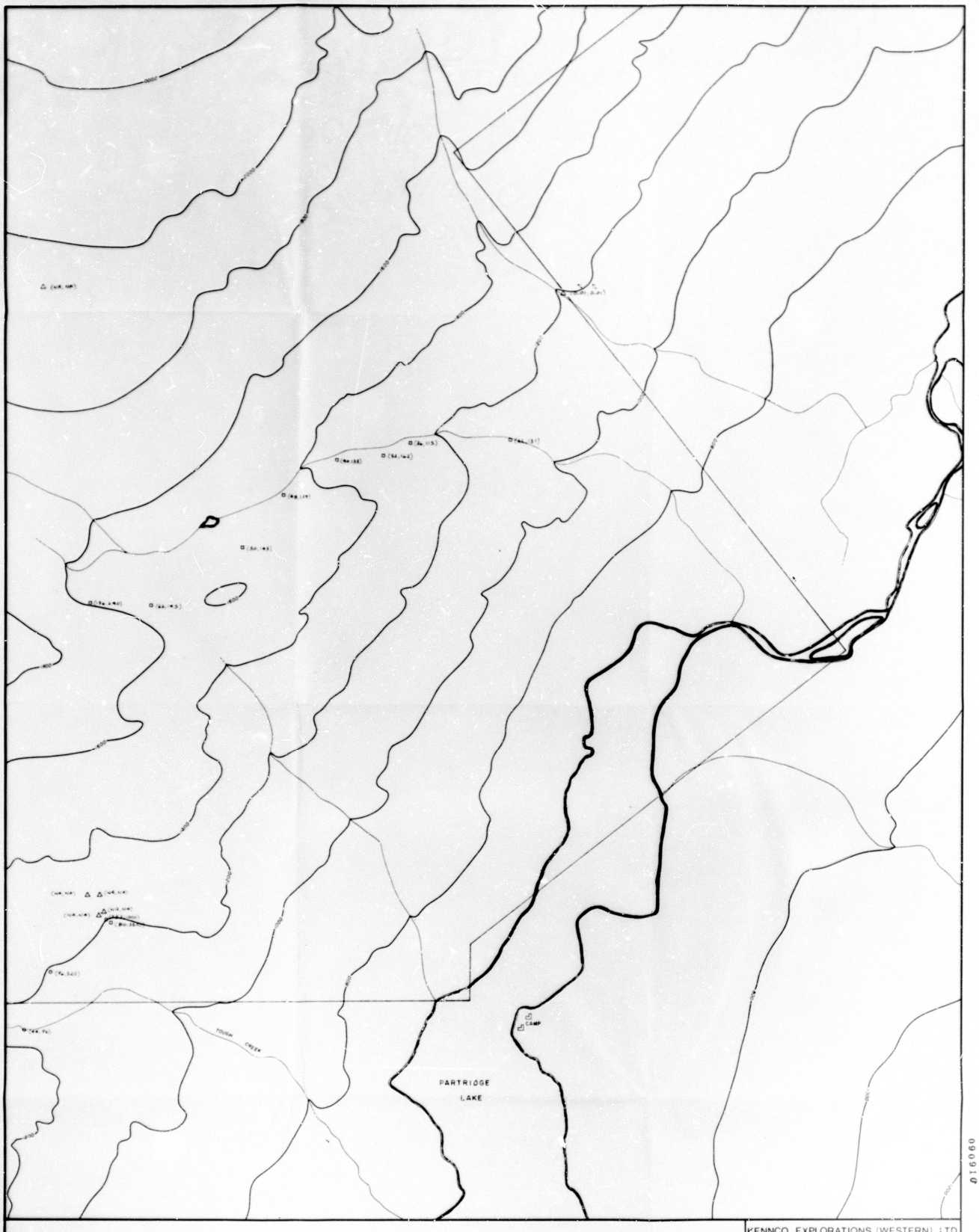
Cu-Mo

SHEET 7 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 D/3	PL. NO. 18
DRAWN BY D.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

016060



LEGEND

——	Claim Boundary	(48, 261)	ppm Pb, ppm Zn
△	Rock Sample	(0.06, 1.92)	% Pb, % Zn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	IS	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

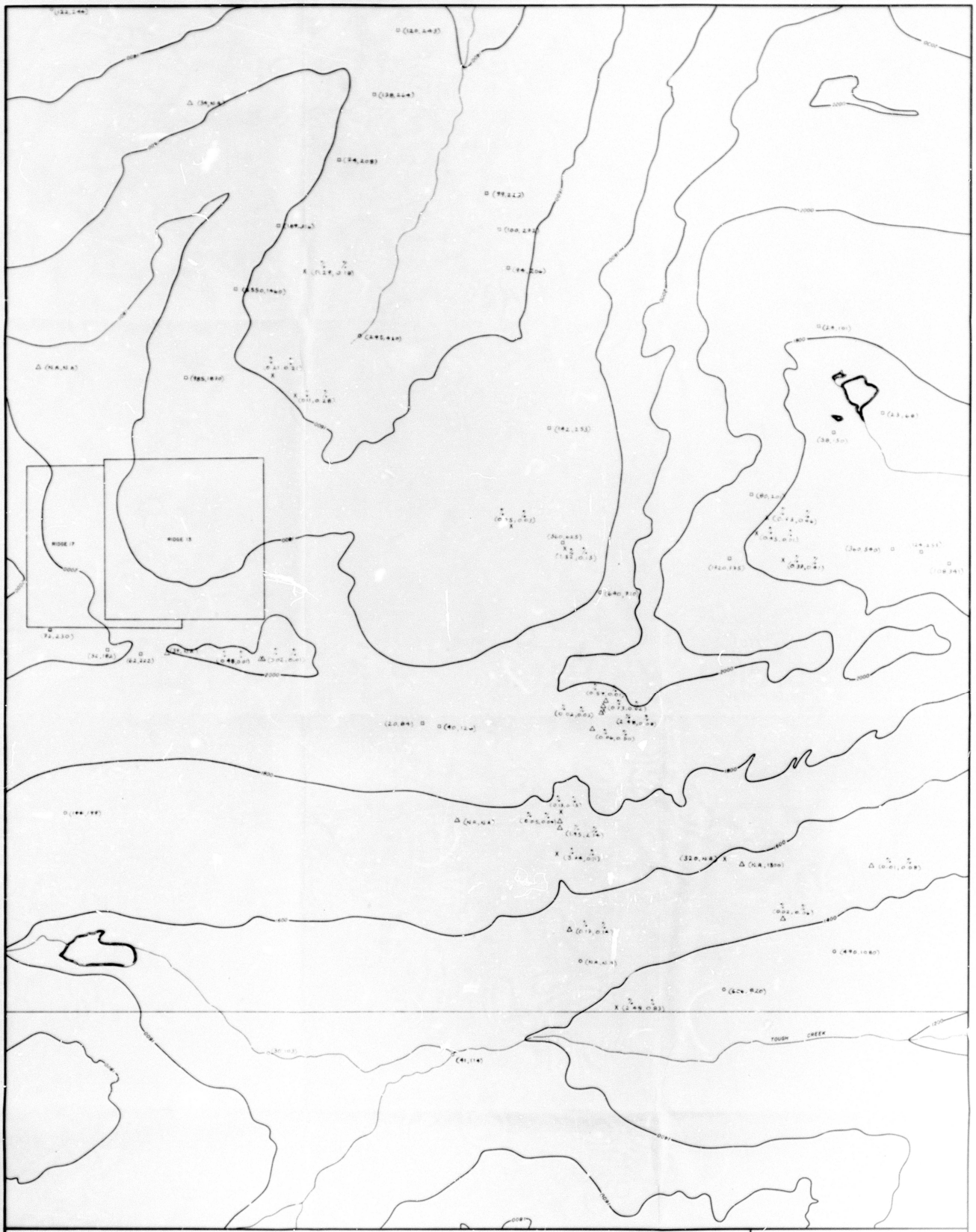
Pb-Zn

SHEET 2 OF 8

DATA BY: KENNCO EXPLORATIONS	N.T.S. 105 C/1	F. NO. 19	
DRAWN BY: G.D.M.	DATE: MAY. 1981	SCALE 1:5,000	
TRACED BY: E.D.S.	DATE: SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

—	Claim Boundary	(99, 225)	ppm Pb , ppm Zn
△	Rock Sample	% % (.09, .214)	% Pb , % Zn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — NEX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Pb - Zn

SHEET 3 OF 8

DATA BY: KENNCO EXPLORATIONS	NTS: 105 D/3	FILE: 20
DRAWN BY: S.A.M.	DATE: MAY, 1981	SCALE: 1:5,000
TRACED BY: E.D.S.	DATE: SEPT. 1981	
REVISIONS:		

EXPLOSIVE DRAFTING SERVICES LTD.

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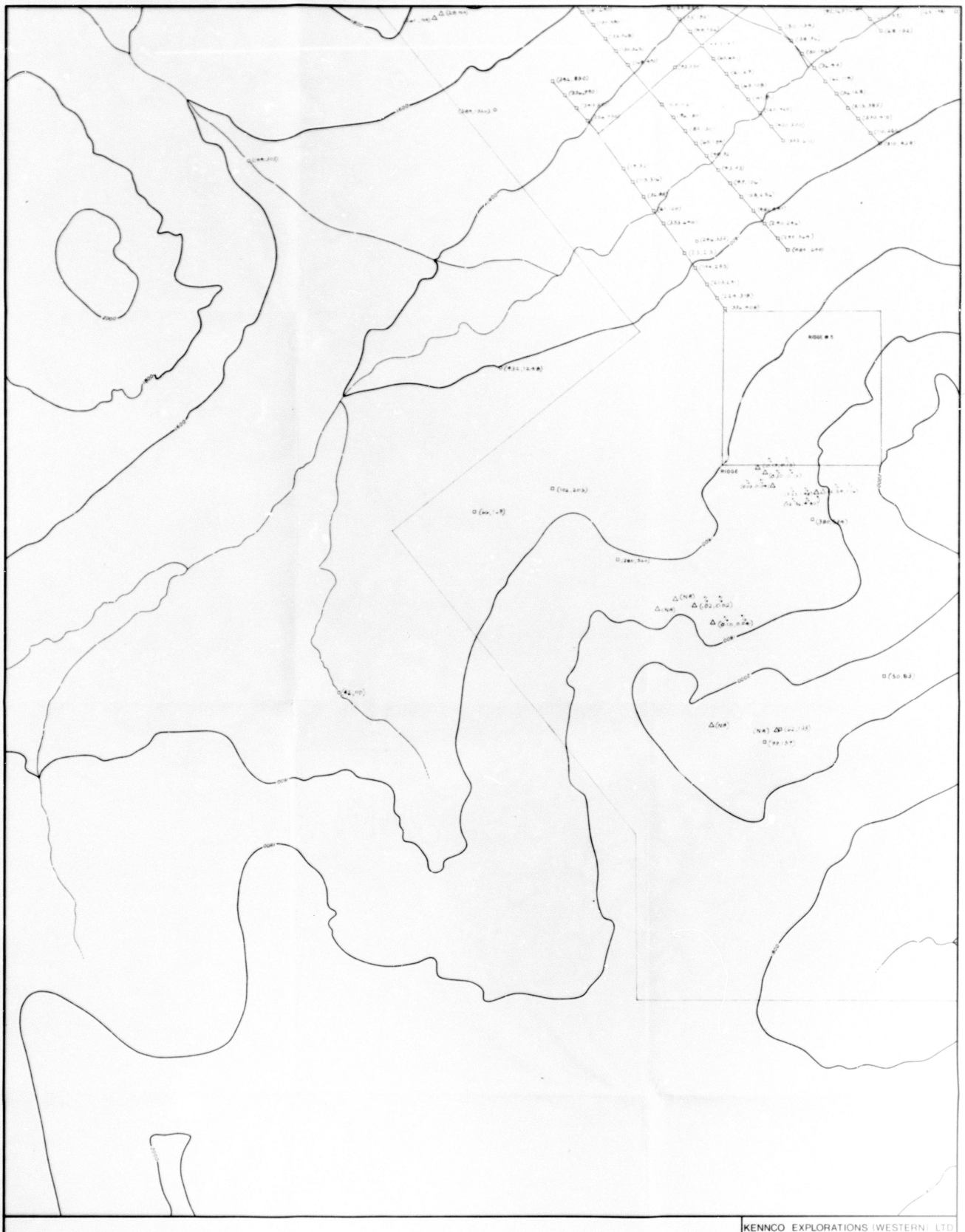

LEGEND

——	Claim Boundary	(.88, .122)	ppm Pb, ppm Zn
△	Rock Sample	% (0.30, % 0.15)	% Pb, % Zn
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Pb-Zn

SHEET 4 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105 O/1 & 2
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000
TRACED BY E.D.S.	DATE SEPT. 1981	
REVISIONS		



LEGEND

—	Claim Boundary	(56 , 147)	ppm Pb , ppm Zn
△	Rock Sample	% % (0.04 , 0.96)	% Pb , % Zn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	IS	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK , Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Pb - Zn

SHEET 5 OF 8

DATA BY KENNCO EXPLORATIONS		NO. 1	22
DRAWN BY GAM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

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LEGEND

—	Claim Boundary	178 (185)	ppm Pb, ppm Zn
△	Rock Sample	0.01 % 0.96 %	% Pb, % Zn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	[illegible]	Insufficient Sample
□	Soil Sample	[illegible]	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — NEX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Pb-Zn

SHEET 5 OF 8

DATA BY: KENNCO EXPLORATIONS		N.T.S. [illegible]	FILE NO. 23
DRAWN BY: G.A.M.	DATE: MAY 1981	SCALE: 1:5,000	
TRACED BY: E.D.S.	DATE: SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

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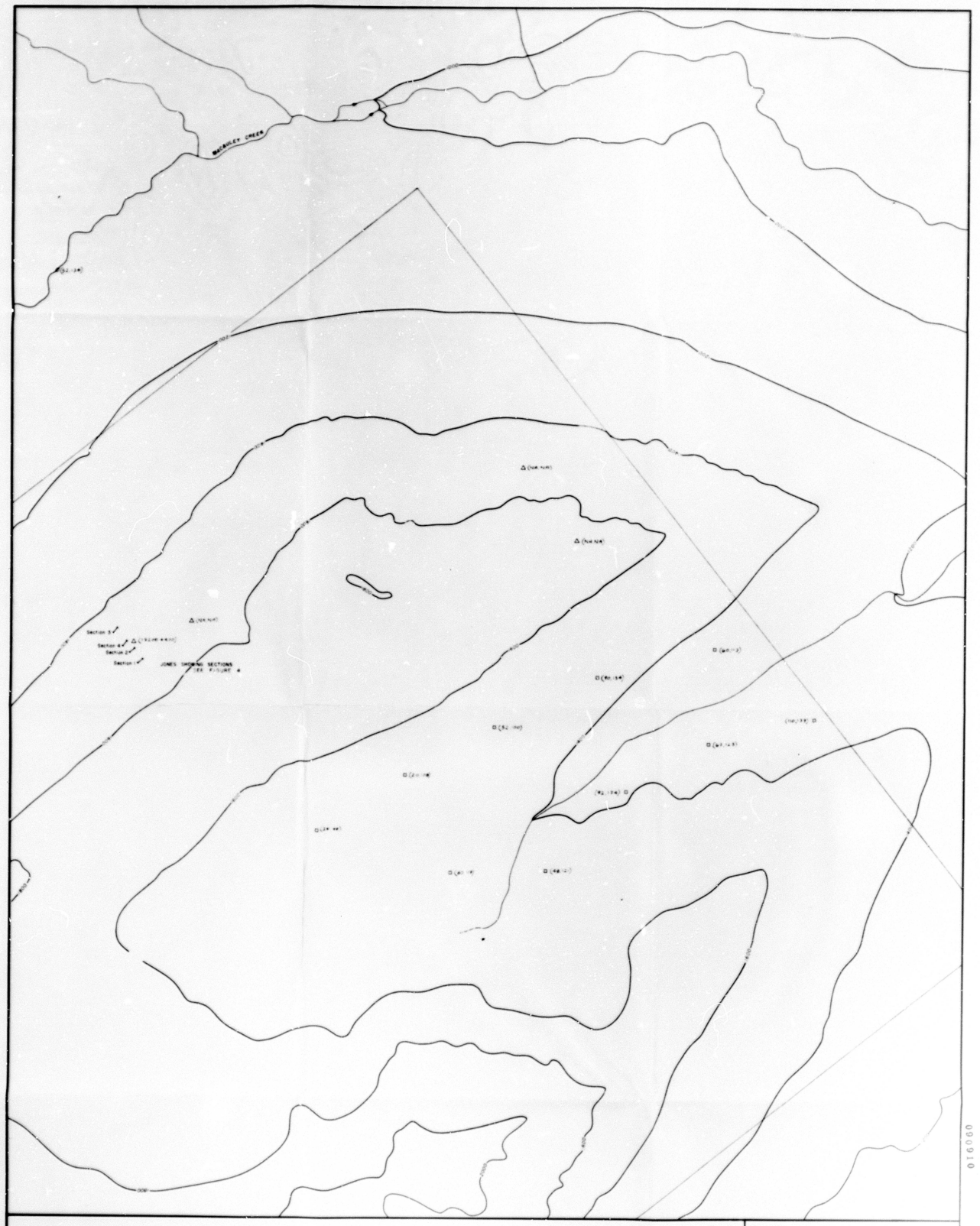


LEGEND

——	Claim Boundary	(AD, 119)	ppm Pb, ppm Zn
△	Rock Sample	% (0.01, 0.94)	% Cu, % Zn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

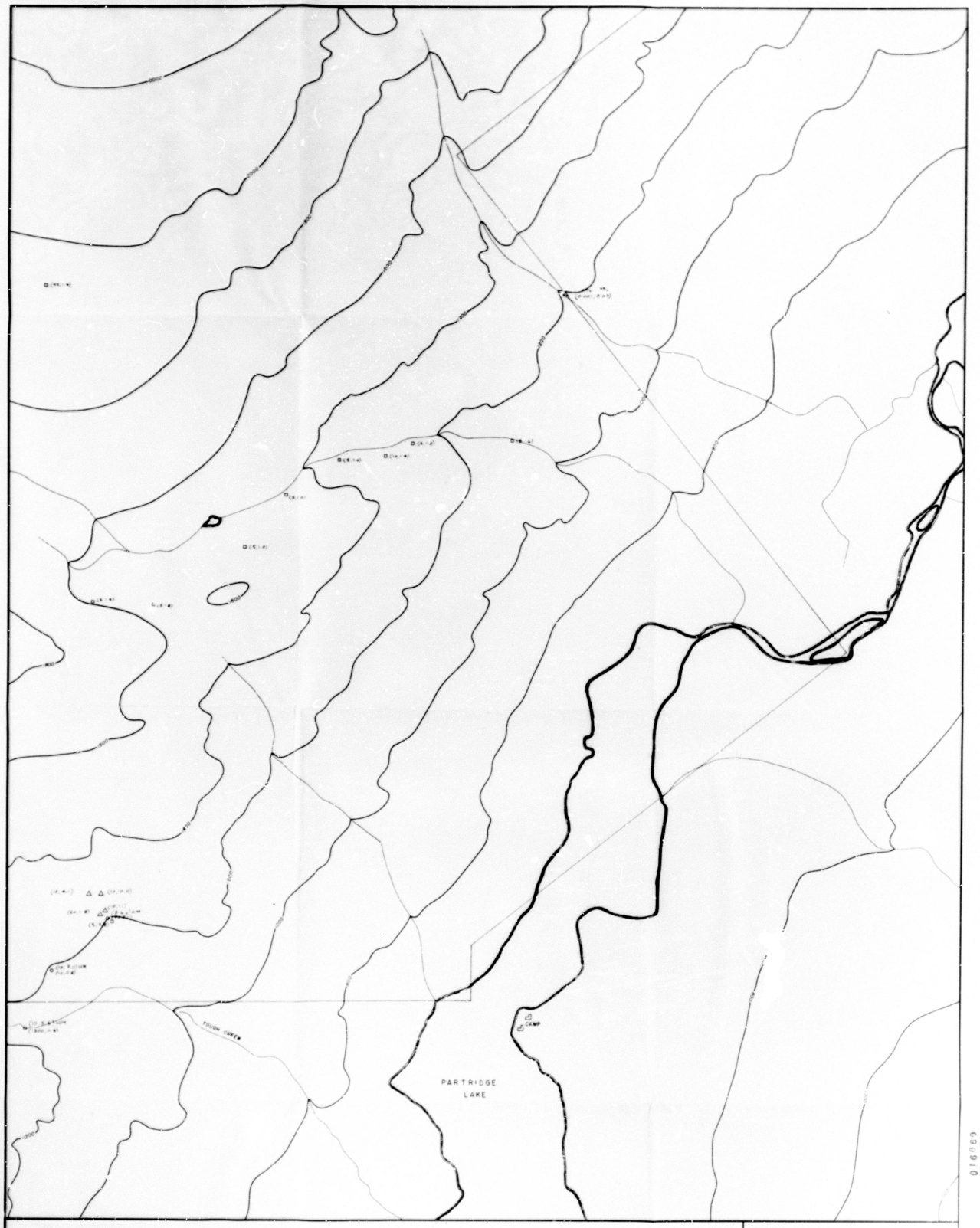
Pb-Zn

SHEET 7 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 O/1	FIG. 24
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES

090910



LEGEND

—	Claim Boundary	(5,1,8)	ppb Au, ppm Ag
△	Rock Sample	(10,59,2,66)	oz/t Au, oz/t Ag
□	Silt Sample	NA	Not Analysed
X	Rock Float Sample	S	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

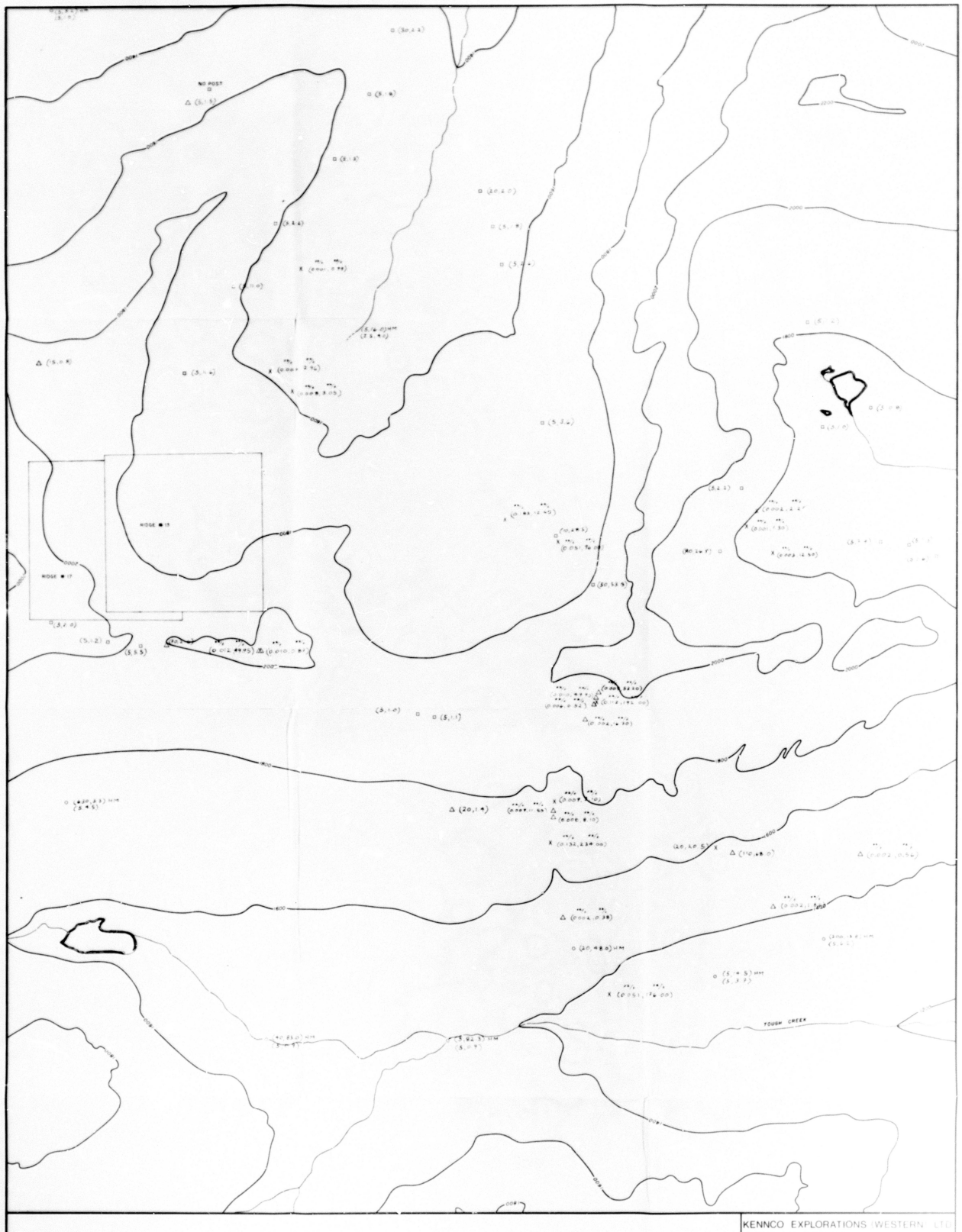
GEOCHEMISTRY

Au-Ag

SHEET 2 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105	
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

016060



LEGEND

——	Claim Boundary	(5,1.3)	ppb Au, ppm Ag
△	Rock Sample	oz/t oz/t (0.008, 2.31)	oz/t Au, oz/t Ag
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	S	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, YT

GOAT CLAIMS

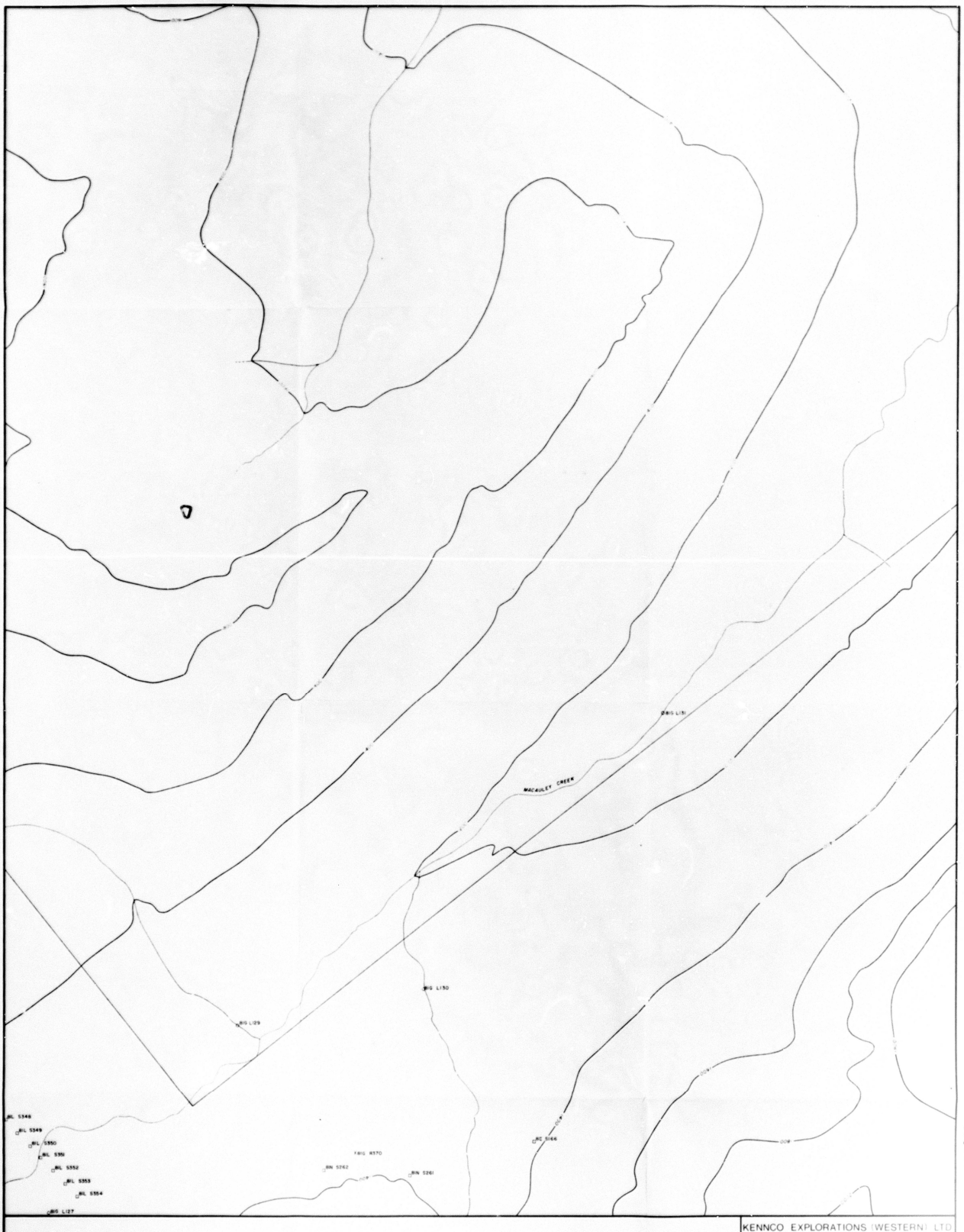
GEOCHEMISTRY

Au-Ag

SHEET 3 OF 8

DATA BY: KENNCO EXPLORATION		
DRAWN BY: G.A.M.	DATE: MAY 1981	
TRACED BY: E.D.S.	DATE: SEPT. 1981	
REVISIONS		

090910



LEGEND

- Claim Boundary
- Rock Sample
- Silt Sample and Heavy Mineral Sample
- Rock Float Sample
- Soil Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

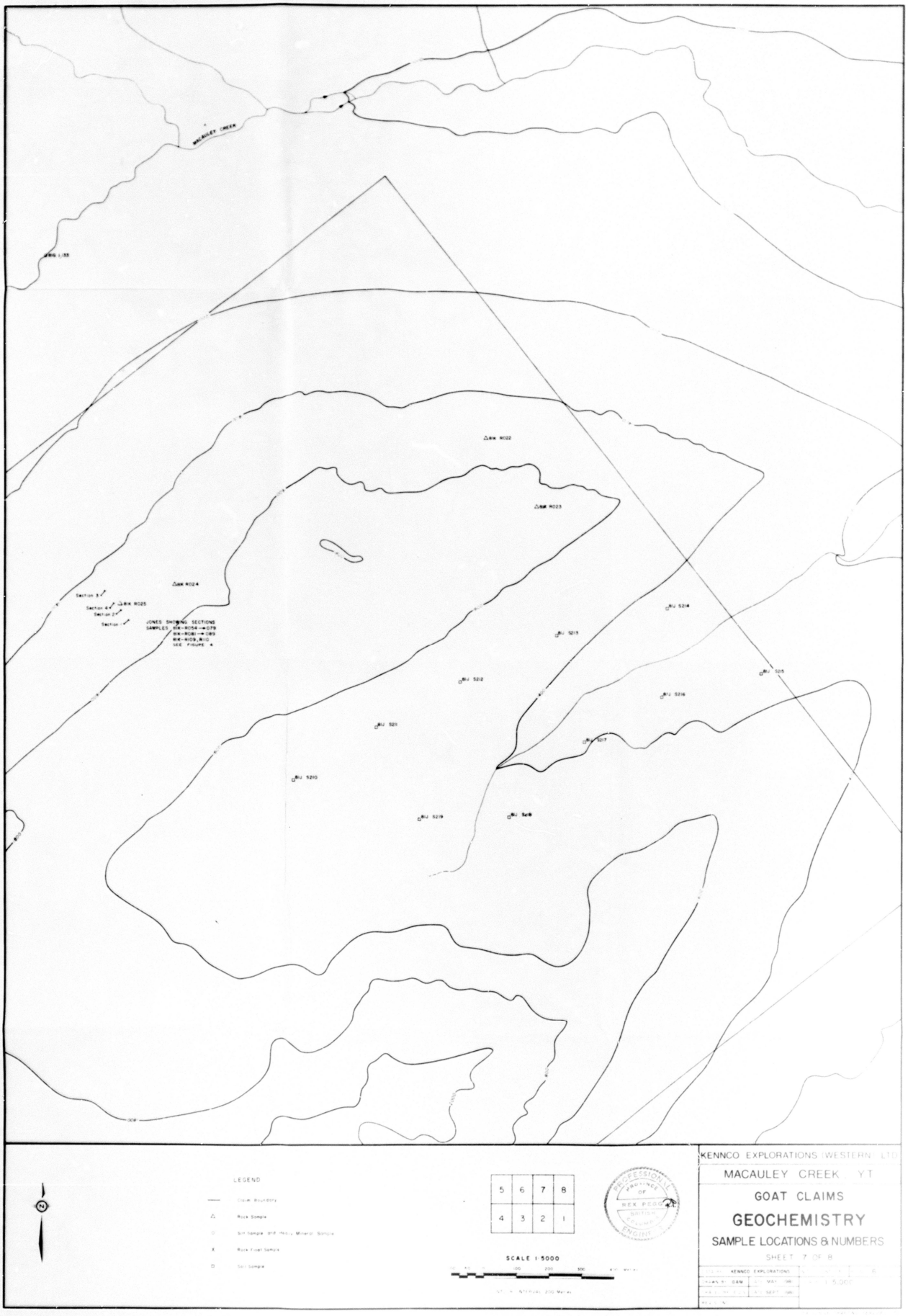
SAMPLE LOCATIONS & NUMBERS

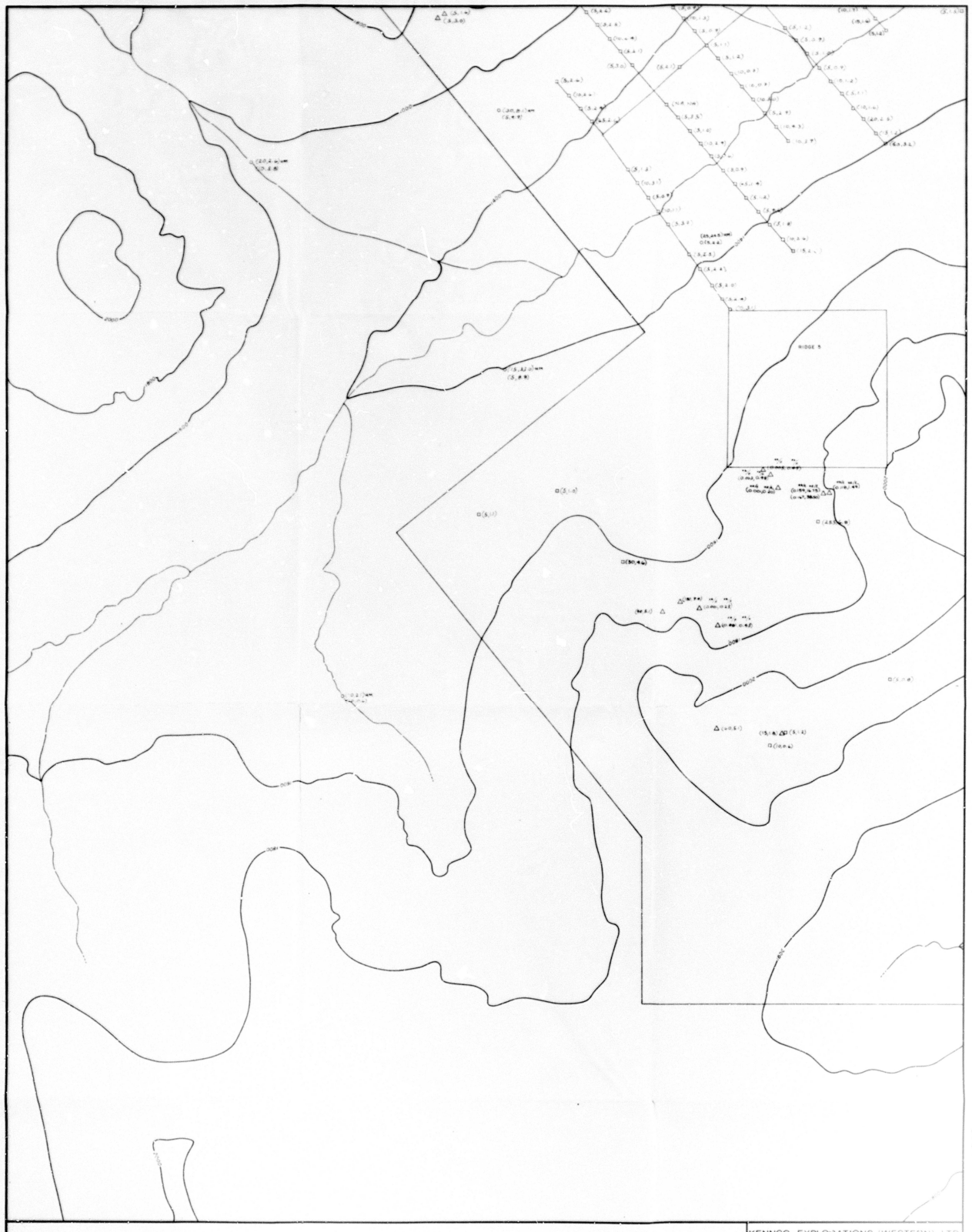
SHEET 6 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105D/3	PLATE 5
DRAWN BY GEM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY EDS	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

010060


MACAULEY CREEK
Section 3
Section 4
Section 2
Section 1
JONES SHOWING SECTIONS
SAMPLES RK-R054 → 079
RK-R081 → 089
RK-R09, R10
SEE FIGURE 4
LEGEND
Claim Boundary
Rock Sample
Silt Sample and Heavy Mineral Sample
Rock Float Sample
Soil Sample
SCALE 1:5000
KENNCO EXPLORATIONS (WESTERN) LTD.
MACAULEY CREEK, YT
GOAT CLAIMS
GEOCHEMISTRY
SAMPLE LOCATIONS & NUMBERS
SHEET 7 OF 8
1:5,000



LEGEND

—	Claim Boundary	1.5 , 1.11	ppb Au , ppm Ag
△	Rock Sample	oz/t , oz/t (0.159 , 16.75)	oz/t Au , oz/t Ag
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	1.5	Insufficient Sample
□	Soil Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

Au-Ag

SHEET 4 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. [illegible]	FIG. NO. 9
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

016060



LEGEND

——	Claim Boundary	(5, 1.5)	cpb Au, ppm Ag
△	Rock Sample	oz/t, oz/t (0.001, 0.021)	oz/t Au, oz/t Ag
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, YT

GOAT CLAIMS

GEOCHEMISTRY

Au-Ag

SHEET 5 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105 D/11	REV. NO. 10
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES

090910



LEGEND

——	Claim Boundary	1.5 , 2.8	ppb Au , ppm Ag
△	Rock Sample	oz/t , oz/t (0.059 , 2.15)	oz/t Au , oz/t Ag
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	1.5	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, YT

GOAT CLAIMS

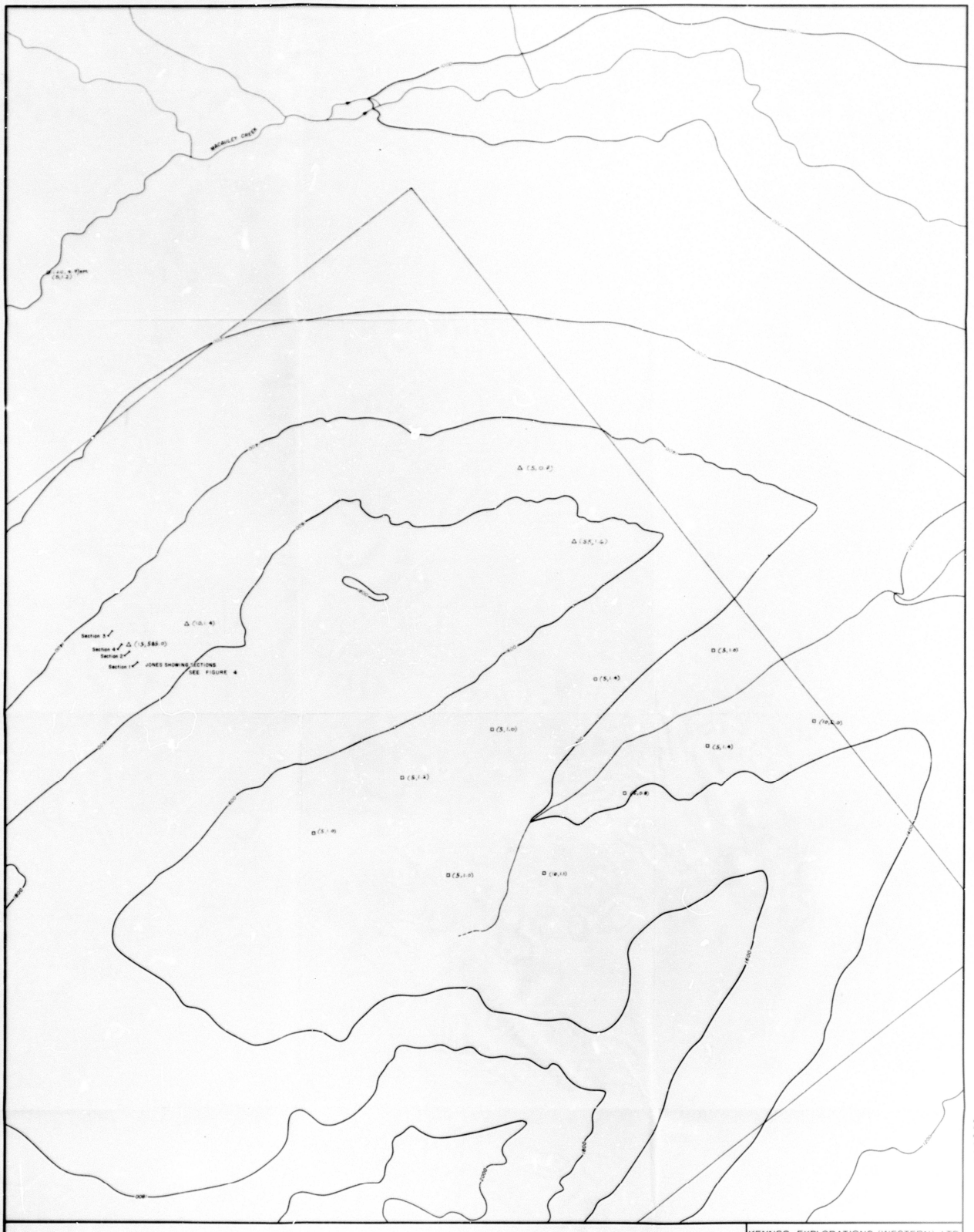
GEOCHEMISTRY

Au-Ag

SHEET 6 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 1.5.0.1	1 : 11
DRAWN BY G.A.M.	DATE MAY 1981	STAGE 1 : 5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

016060



LEGEND

——	Claim Boundary	(5, 111)	ppb Au , ppm Ag
△	Rock Sample	oz/t (0.159 , 16.75)	oz/t Au , oz/t Ag
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

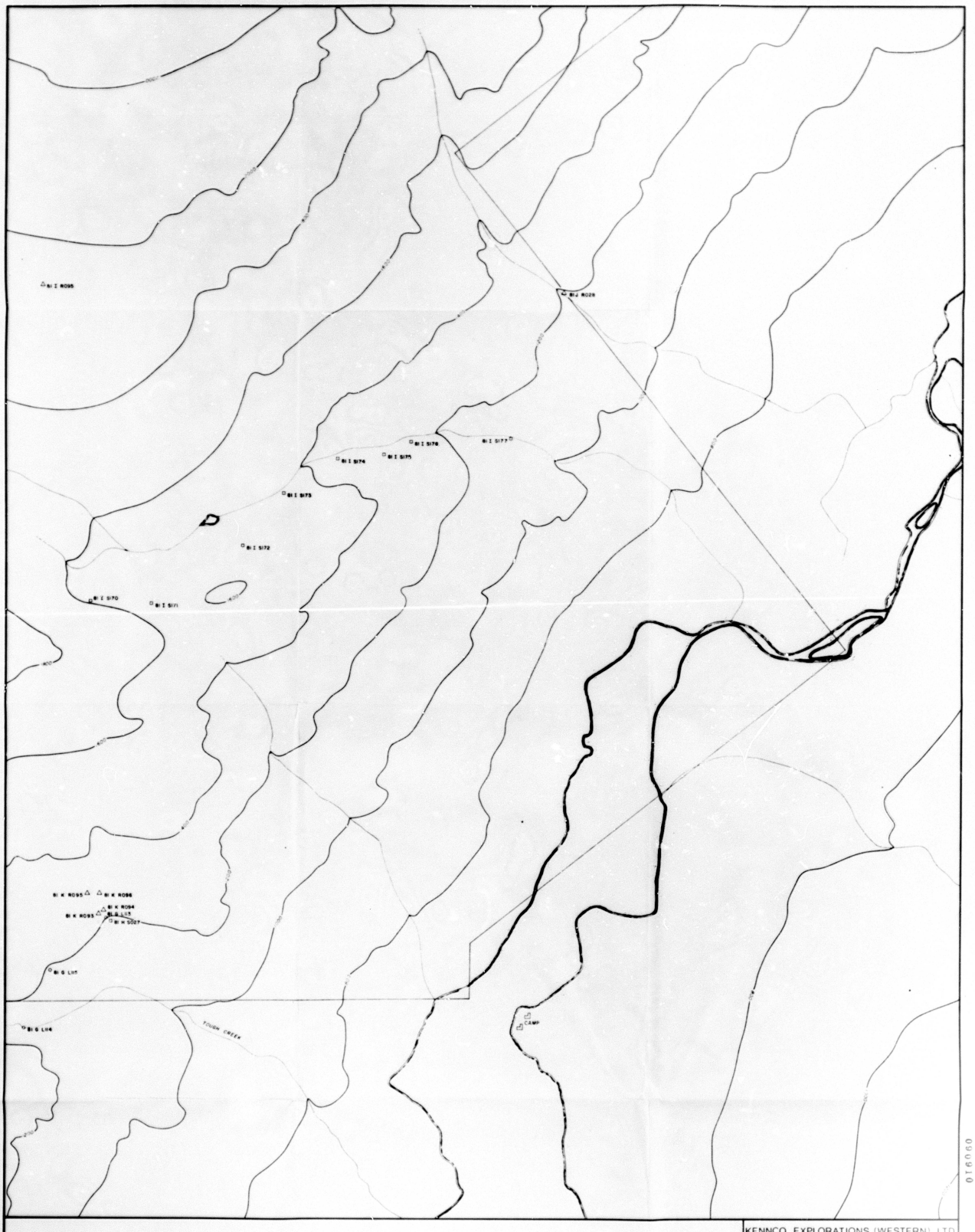
Au-Ag

SHEET 7 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105D/3	FIG. NO. 12
DRAWN BY D.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

- Claim Boundary
- Rock Sample
- Silt Sample and Heavy Mineral Sample
- Rock Float Sample
- Soil Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

SAMPLE LOCATIONS & NUMBERS

SHEET 2 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105D/3	PLAN 1
DRAWN BY GAM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY EDS	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

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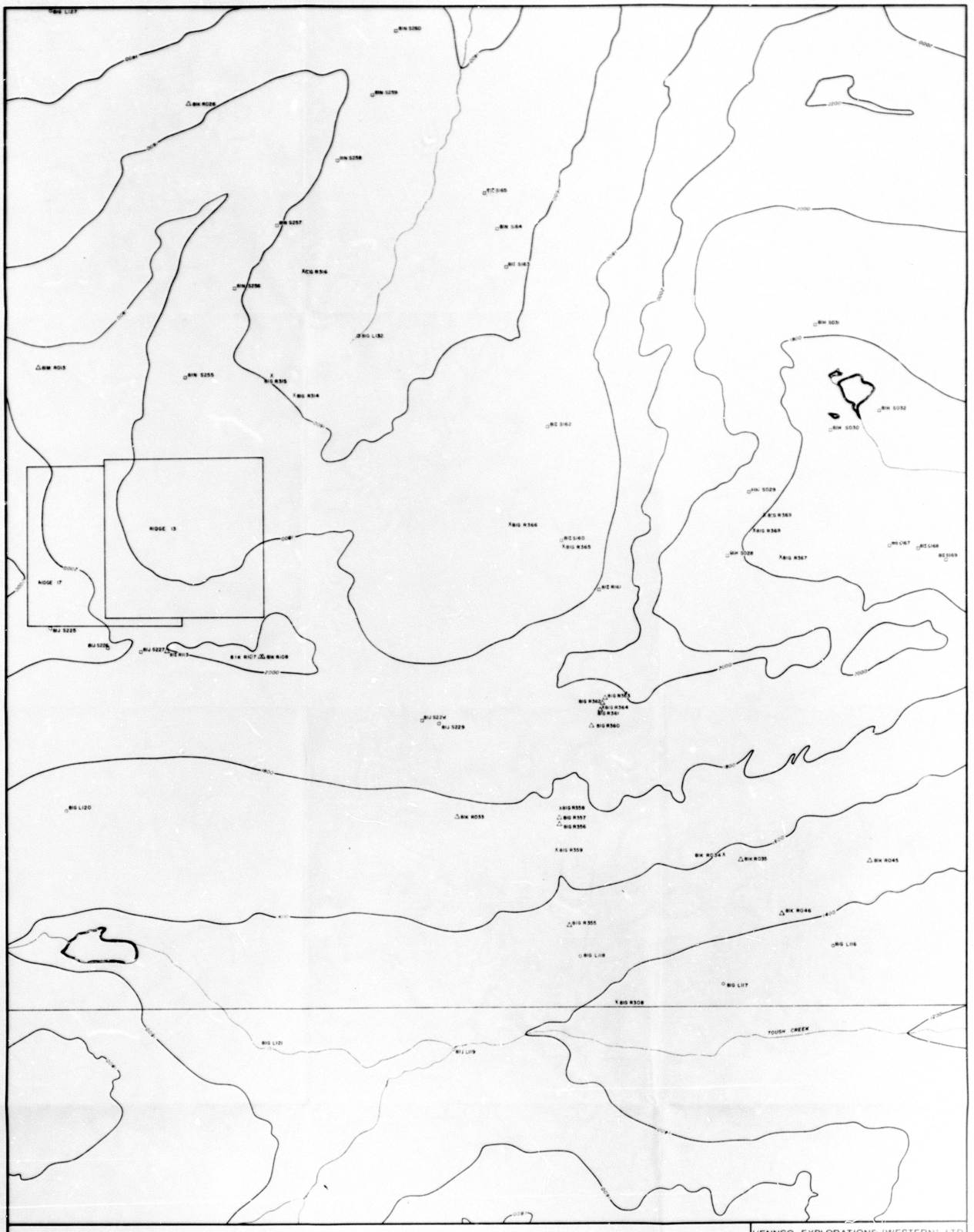
RIDGE 13
RIDGE 17
TOUGH CREEK
BIG L127
BIN S260
BIN S259
BIN S258
BIN S257
BIN S256
BIN S255
BIM R015
BIK R026
BIG L132
BIG R366
BIG R365
BIG R364
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BIK R033
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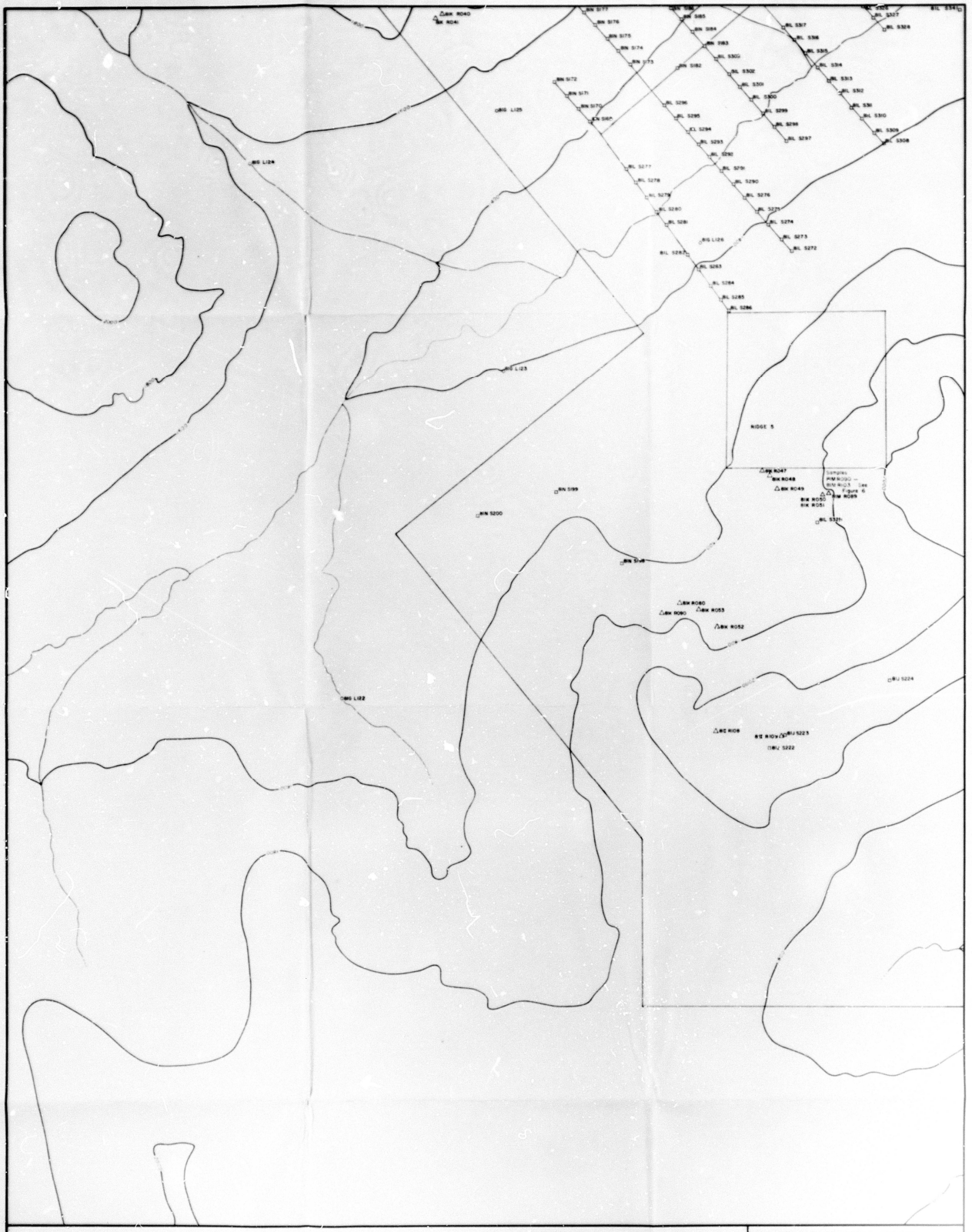
BIG R017
BIG R016
BIG R015
BIG R014
BIG R013
BIG R012
BIG R011
BIG R010
BIG R009
BIG R008
BIG R007
BIG R006
BIG R005
BIG R004
BIG R003
BIG R002
BIG R001
BIG L001
BIG L002
BIG L003
BIG L004
BIG L005
BIG L006
BIG L007
BIG L008
BIG L009
BIG L010
BIG L011
BIG L012
BIG L013
BIG L014
BIG L015
BIG L016
BIG L017
BIG L018
BIG L019
BIG L020
BIG



LEGEND

- Claim Boundary
- △ Rock Sample
- ○ Silt Sample and Heavy Mineral Sample
- X Rock Float Sample
- □ Soil Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

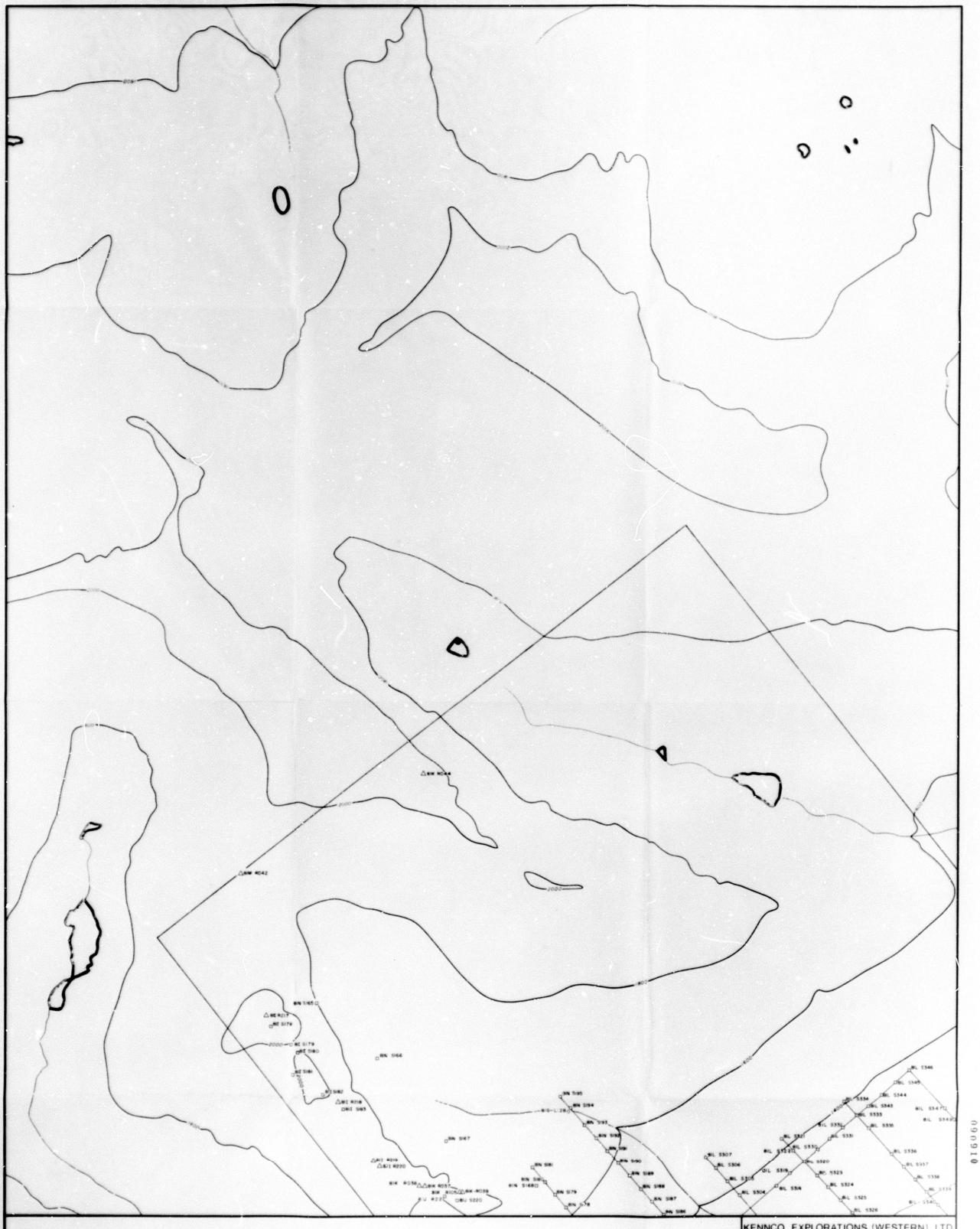
GEOCHEMISTRY

SAMPLE LOCATIONS & NUMBERS

SHEET 4 OF 8

CLIENT: KENNCO EXPLORATIONS			
DRAWN BY: GAM	DATE: MAY 1981	SCALE: 1:5,000	
TRACED BY:	DATE: SEPT. 1981		
REVISIONS:			

000910



LEGEND

- Claim Boundary
- △ Rock Sample
- ○ Silt Sample and Heavy Mineral Sample
- X Rock Float Sample
- □ Soil Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

50 0 50 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

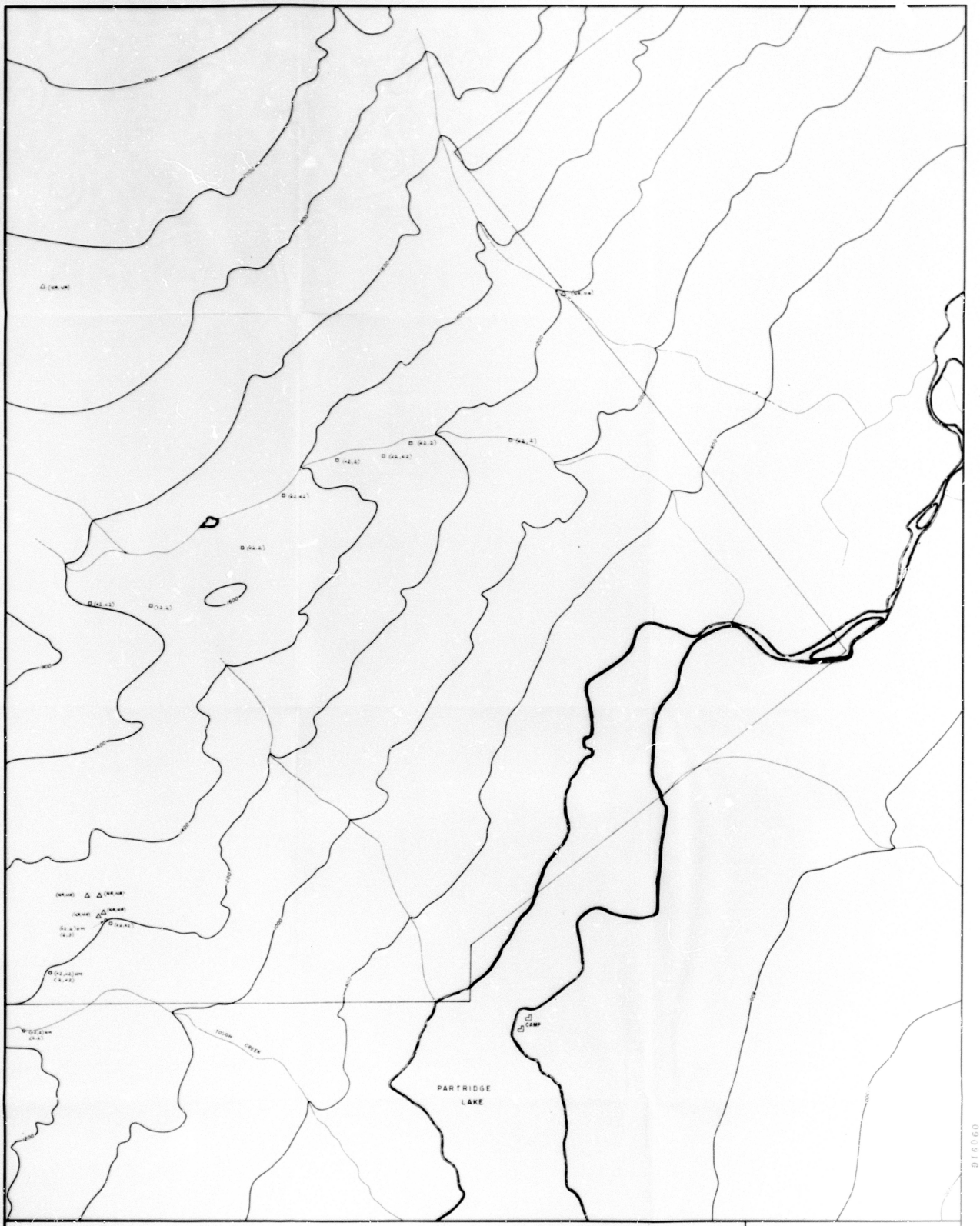
SAMPLE LOCATIONS & NUMBERS

SHEET 5 OF 8

DATA BY: KENNCO EXPLORATIONS	N.T.S. 105D/1	P. NO. 4	
DRAWN BY: GAM	DATE: MAY 1981	SCALE: 1:5,000	
TRACED BY: E.D.S.	DATE: SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

—	Claim Boundary	(2, 5)	ppm W, ppm Sn
△	Rock Sample	NA	Not Analysed
○	Silt Sample	I S	Insufficient Sample
X	Rock Float Sample	HM	Heavy Mineral Sample
□	Soil Sample		

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX FEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

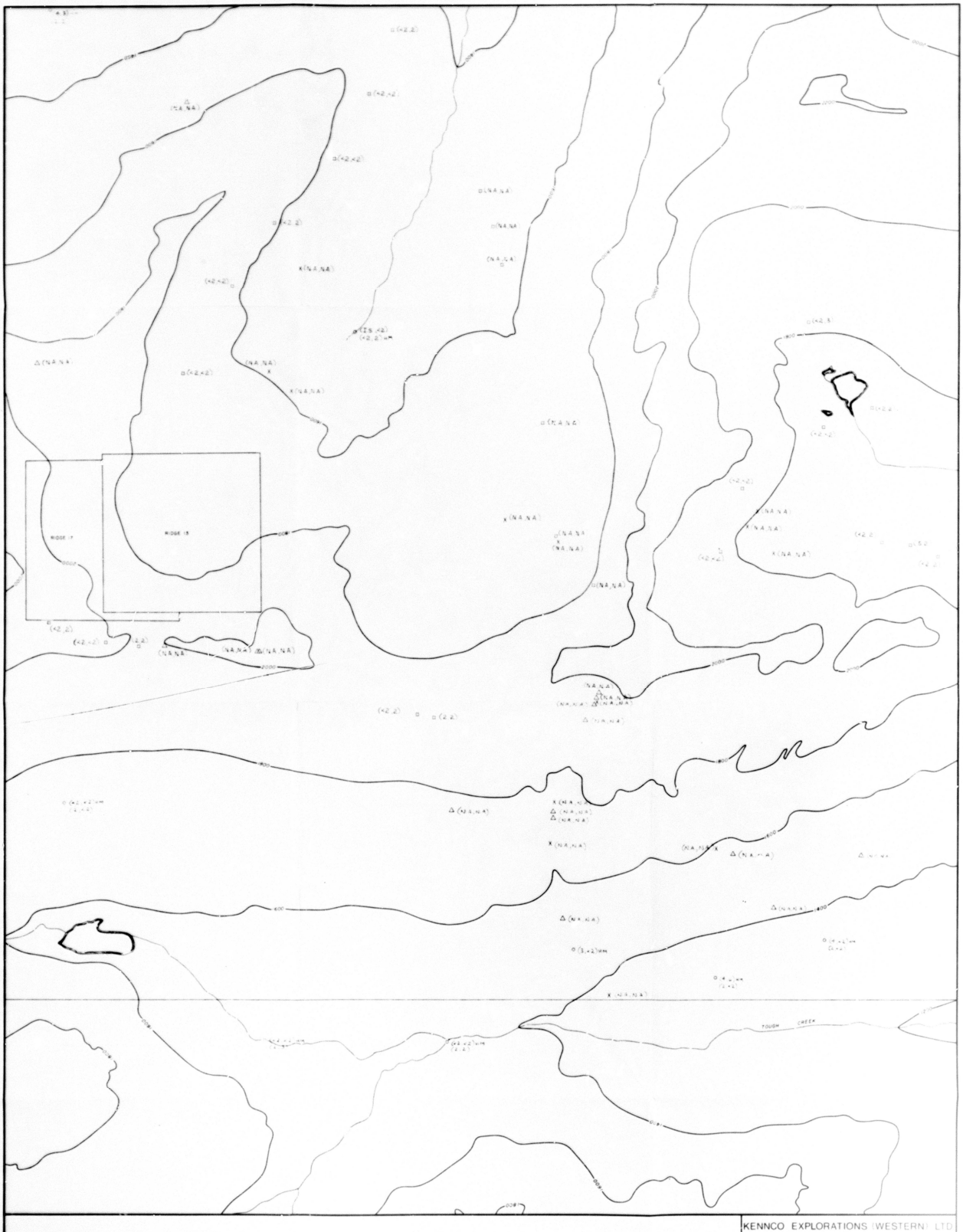
W - Sn

SHEET 2 OF 8

DATA BY KENNCO EXPLORATIONS		NTS	25
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

016060



LEGEND

—	Claim Boundary	(2, 4)	ppm W, ppm Sn
△	Rock Sample	N.A.	Not Analysed
○	Silt Sample	I.S.	Insufficient Sample
X	Rock Float Sample	H.M.	Heavy Mineral Sample
□	Soil Sample		

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

W - Sn

SHEET 3 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S.	PLAN NO. 26
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

000910



LEGEND

—	Claim Boundary		
△	Rock Sample	(3,2)	PPM W, PPM Sn
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

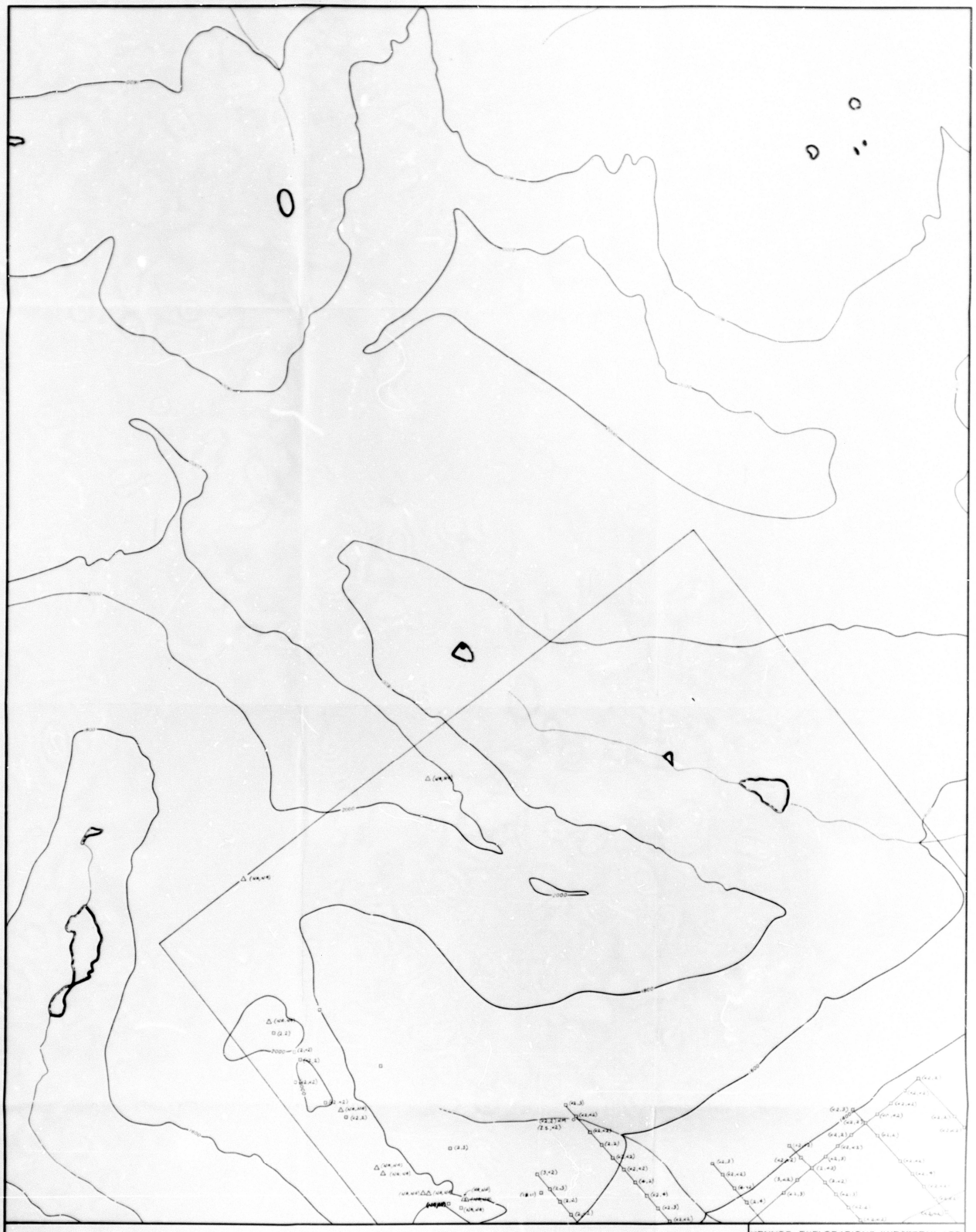
GEOCHEMISTRY

W-Sn

SHEET 4 OF 8

DATA B. KENNCO EXPLORATIONS		N.T.S. [illegible]	FIG. NO. 27
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.



LEGEND

—	Claim Boundary
△	Rock Sample
○	Silt Sample
X	Rock Float Sample
□	Soil Sample

(2,3) ppm W, ppm Sn

NA Not Analysed

I.S. Insufficient Sample

HM Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

W - Sn

SHEET 5 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S.	28
DRAWN BY GAM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES



LEGEND

——	Claim Boundary	(2, 2)	ppm W, ppm Sn
△	Rock Sample	NA	Not Analysed
○	Silt Sample	I.S.	Insufficient Sample
X	Rock Float Sample	HM	Heavy Mineral Sample
□	Soil Sample		

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

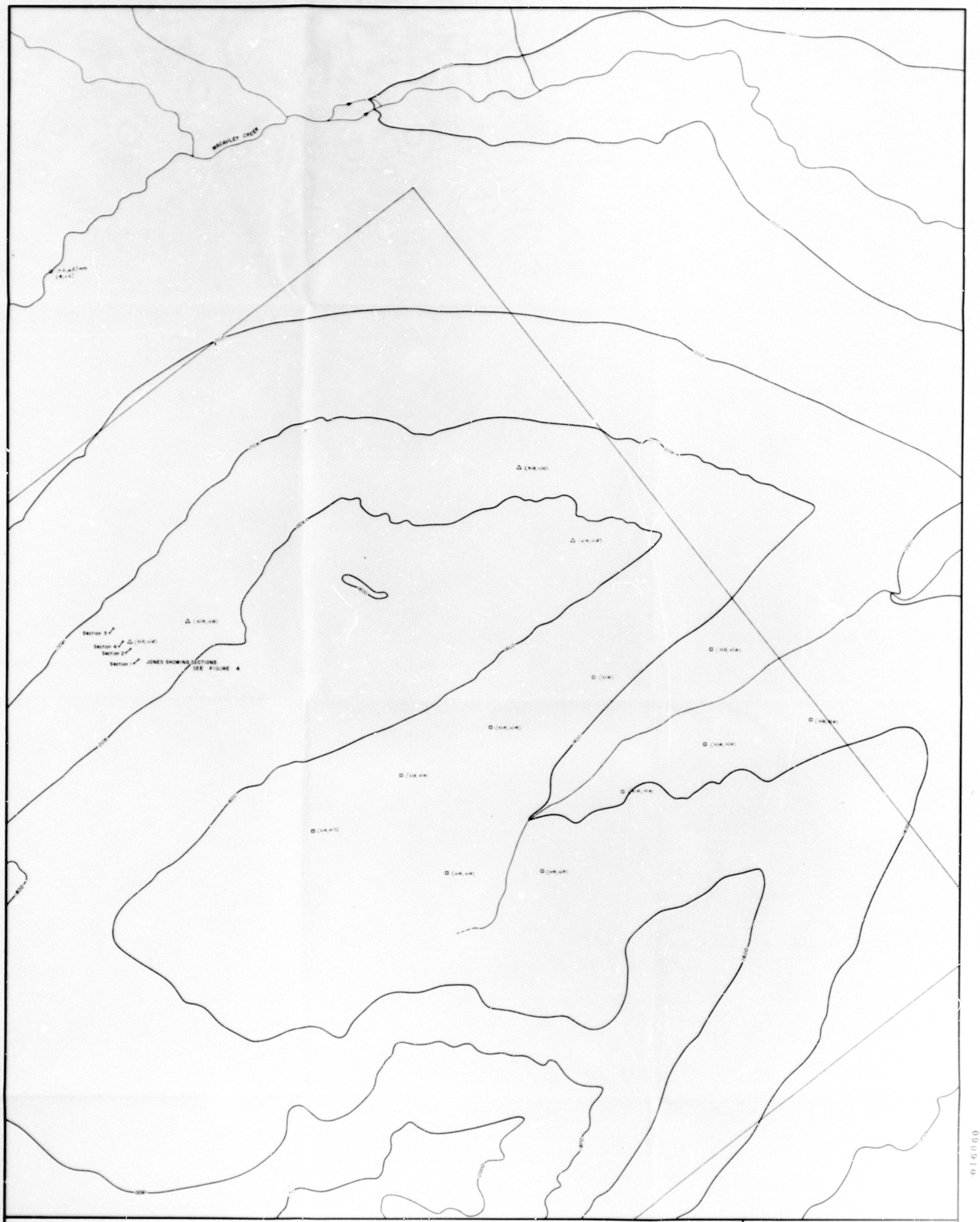
W-Sn

SHEET 6 OF 9

DATA BY KENNCO EXPLORATIONS		N.T.S. [illegible]	PLAN NO. 29
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

016060



LEGEND

——	Claim Boundary	(2, 4)	ppm ★, ppm Sn
△	Rock Sample	NA	Not Analysed
○	Silt Sample	I.S.	Insufficient Sample
X	Rock Float Sample	HM	Heavy Mineral Sample
□	Soil Sample		

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

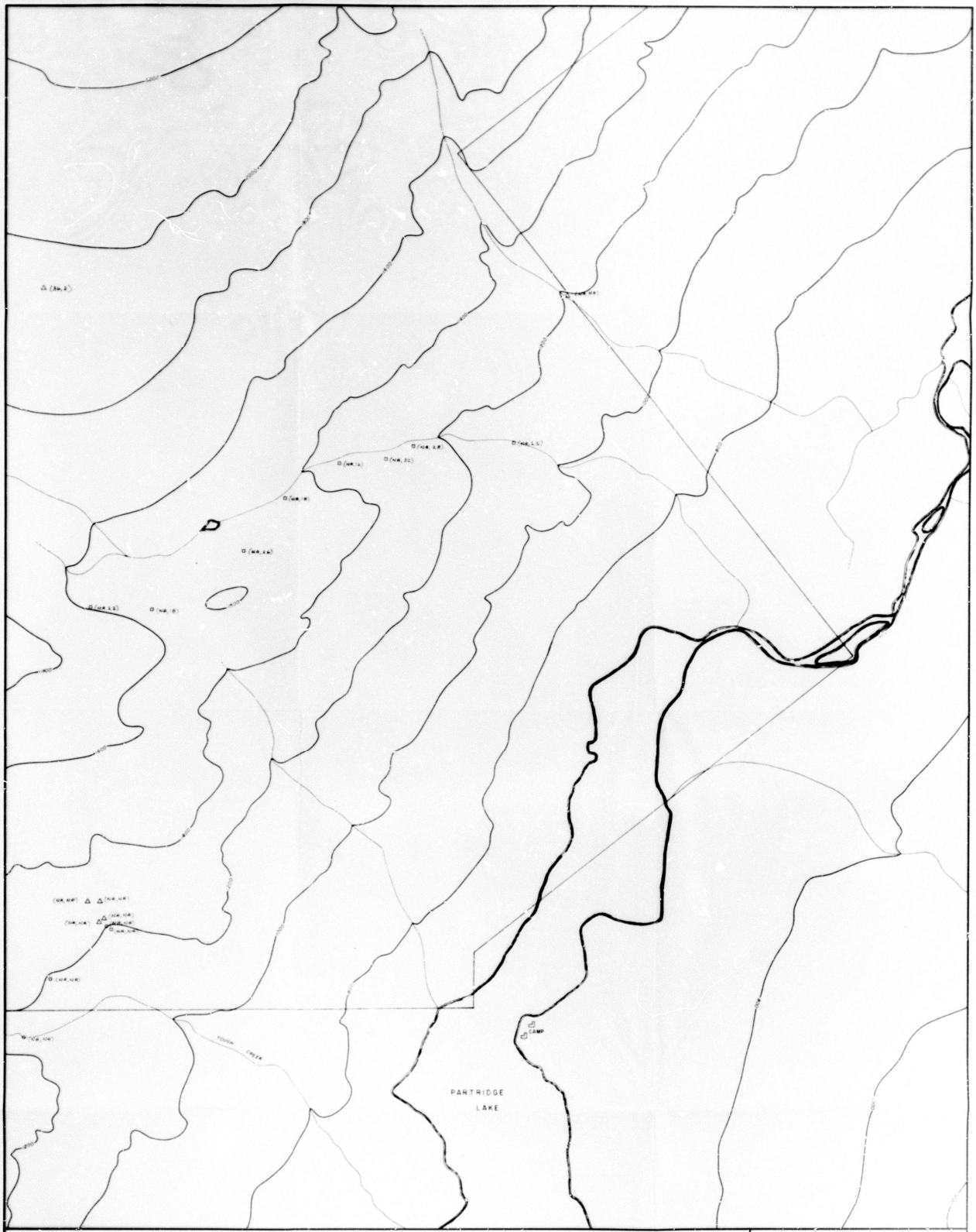
W-Sn

SHEET 7 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 115 O/15	PLNO 30
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

016060



LEGEND

— —	Claim Boundary	(24, 18)	ppm As, ppm Sb
△	Rock Sample	% (2.70, 0.004)	% As, % Sb
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

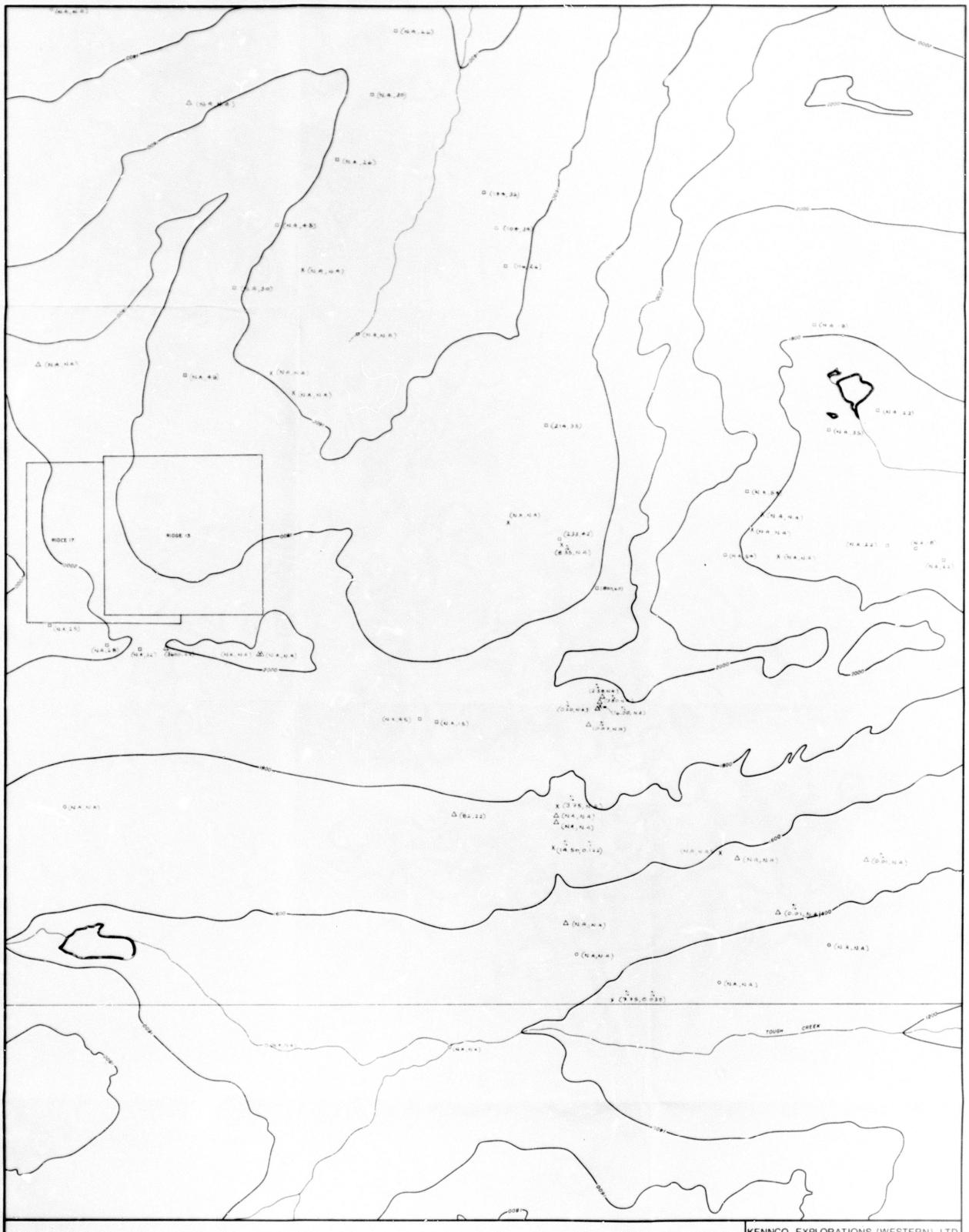
As-Sb

SHEET 2 OF 8

DATA BY: KENNCO EXPLORATIONS		N.T.S. 105 E/5	FILE NO. 31
DRAWN BY: G.A.M.	DATE: MAY 1991	SCALE: 1:5,000	
TRACED BY: E.D.S.	DATE: SEPT. 1991		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

010090



LEGEND

——	Claim Boundary	(54, 22)	ppm As ; ppm Sb
△	Rock Sample	(2.25, 0.022)	% As ; % Sb
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I S	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

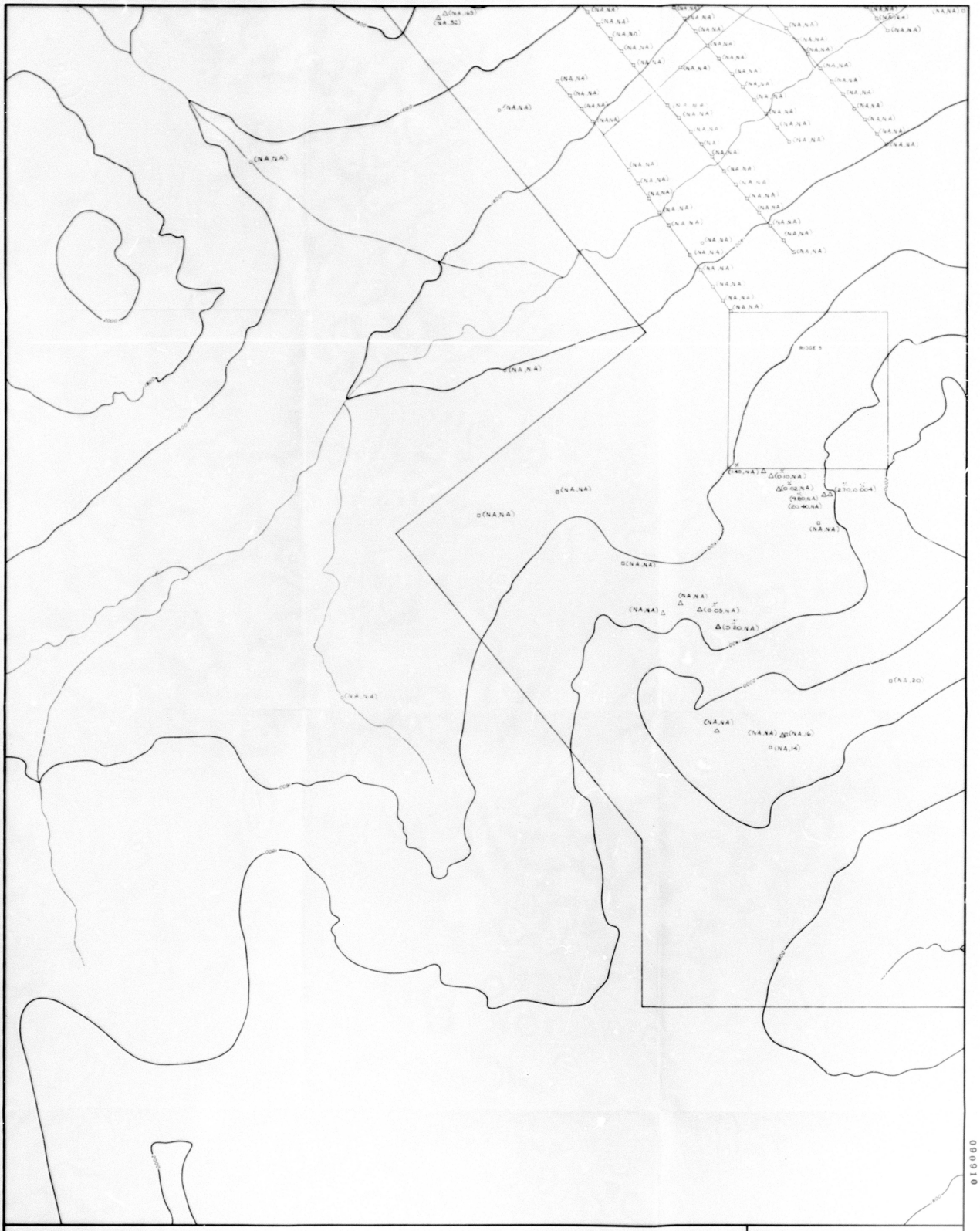
As-Sb

SHEET 3 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105D/3	PL. NO. 32
DRAWN BY S.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

—	Claim Boundary	(14, 20)	ppm As, ppm Sb
△	Rock Sample	% % (2.70, 0.004)	% As, % Sb
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	1.5	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

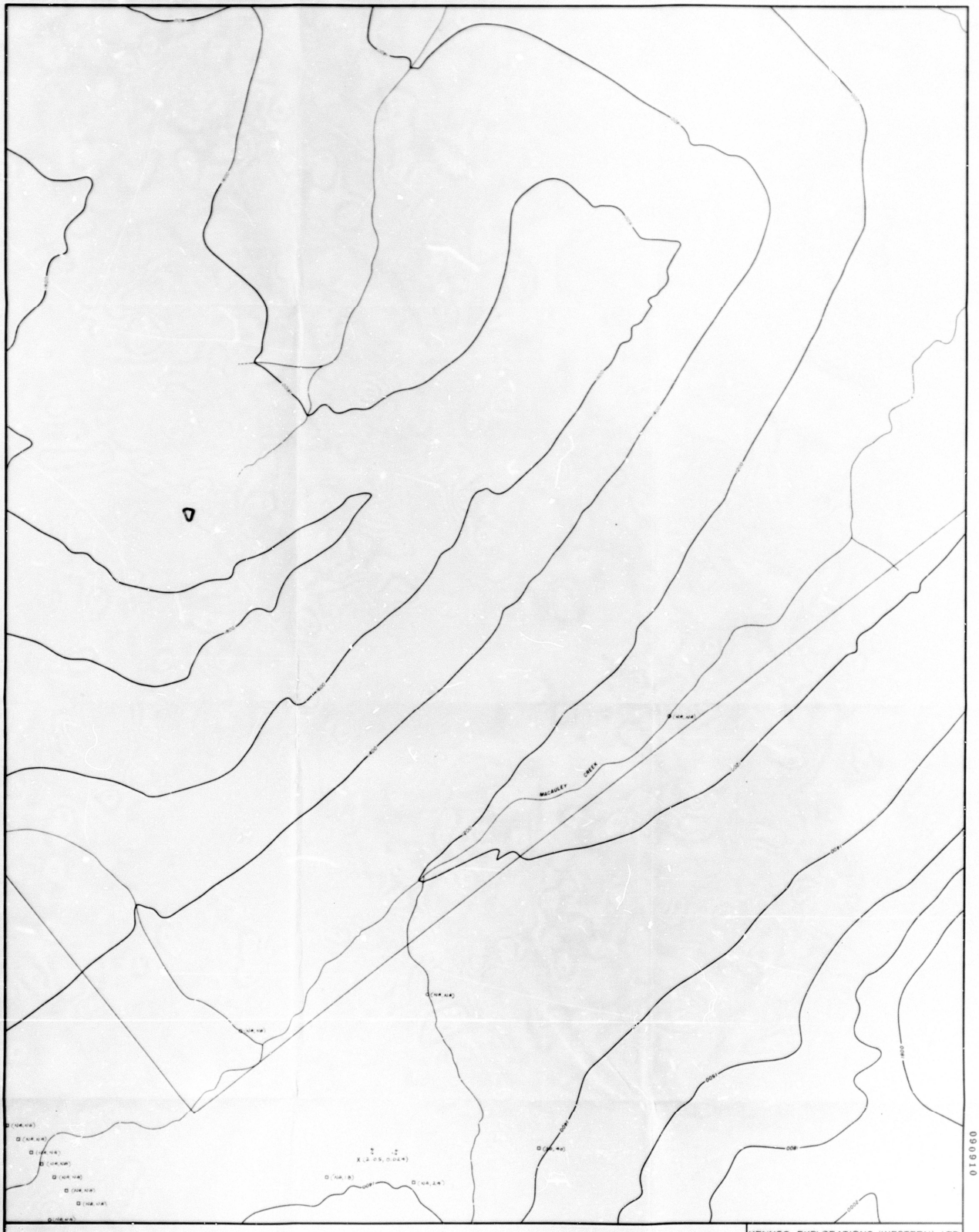
As-Sb

SHEET 4 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105 G/3	PL NO 33
DRAWN BY G.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

010060



LEGEND

——	Claim Boundary	(30, 40)	ppm As, ppm Sb
△	Rock Sample	(2.05, 0.024)	% As, % Sb
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	I S	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

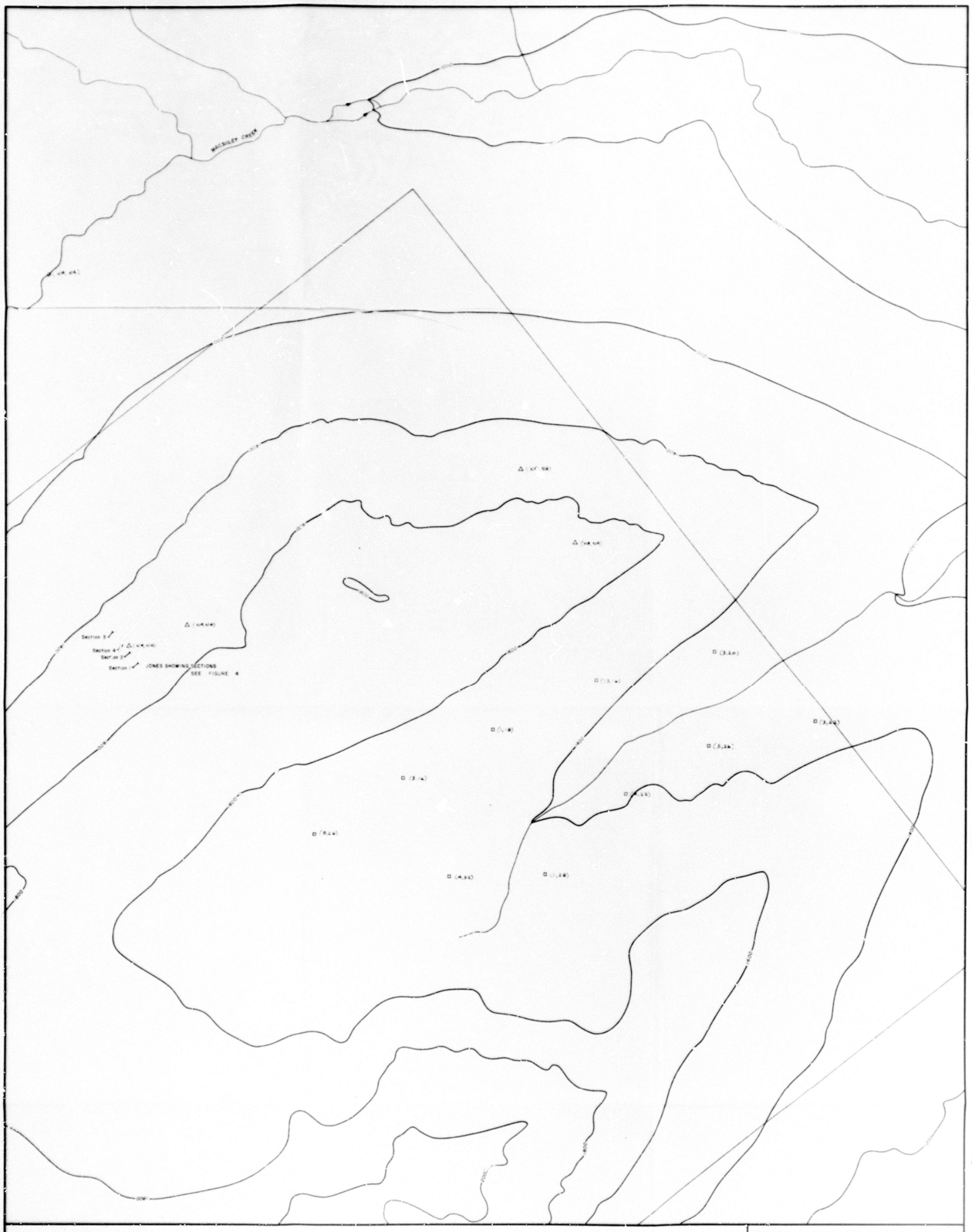
As-Sb

SHEET 6 OF 8

DATA BY KENNCO EXPLORATIONS		NTS 105D/3	FL. NO. 35
DRAWN BY G.A.M.	DATE MAY '98	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT '98		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

—	Claim Boundary	[illegible]	ppm As, ppm Sb
△	Rock Sample	[illegible]	% As, % Sb
○	Silt Sample	NA	Not Analysed
X	Rock Float Sample	[illegible]	Insufficient Sample
□	Soil Sample	HM	Heavy Mineral Sample

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

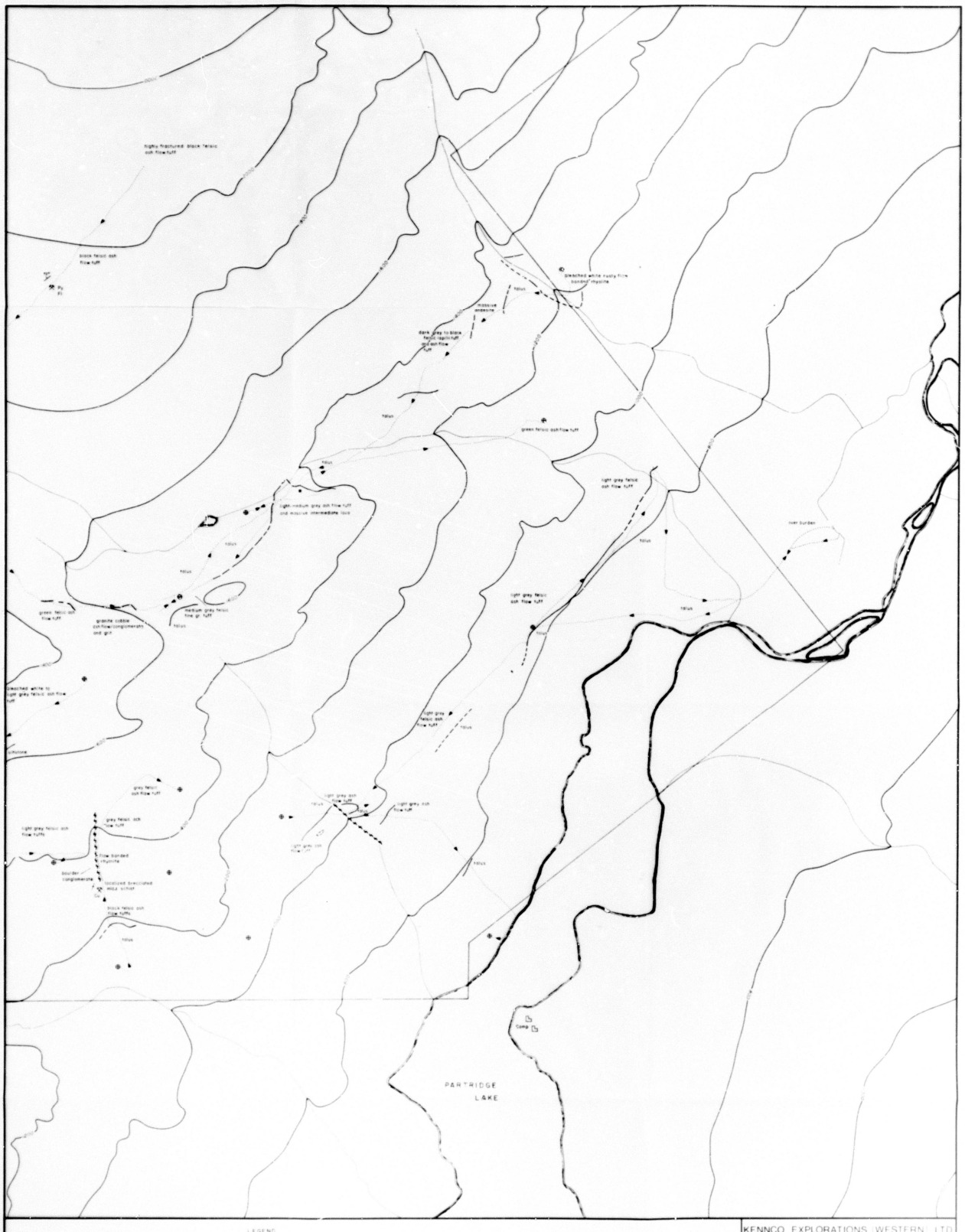
As - Sb

SHEET 7 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. [illegible]	PLNO. 36
DRAWN BY D.A.M.	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

090510



LEGEND

5	6	7	8
4	3	2	1

SCALE 1:5000

INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, YT

GOAT CLAIMS

GEOLOGY

SHEET 2 OF 8

DATE BY: KENNCO EXPLORATIONS		37
DRAWN BY: DAM	DATE: MAY 1968	1:5,000
TRACED BY:	DATE: SEPT 1968	
REVISIONS		

000910



LEGEND

—	Claim Boundary	(48, 24)	ppm As, ppm Sb
△	Rock Sample	% % (2.70, 0.004)	% As, % Sb
○	Silt Sample	N.A.	Not Analysed
X	Rock Float Sample	I.S.	Insufficient Sample
□	Soil Sample	H.M.	Heavy Mineral Sample

5	6	7	8
4		2	1

SCALE 1:5000

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOCHEMISTRY

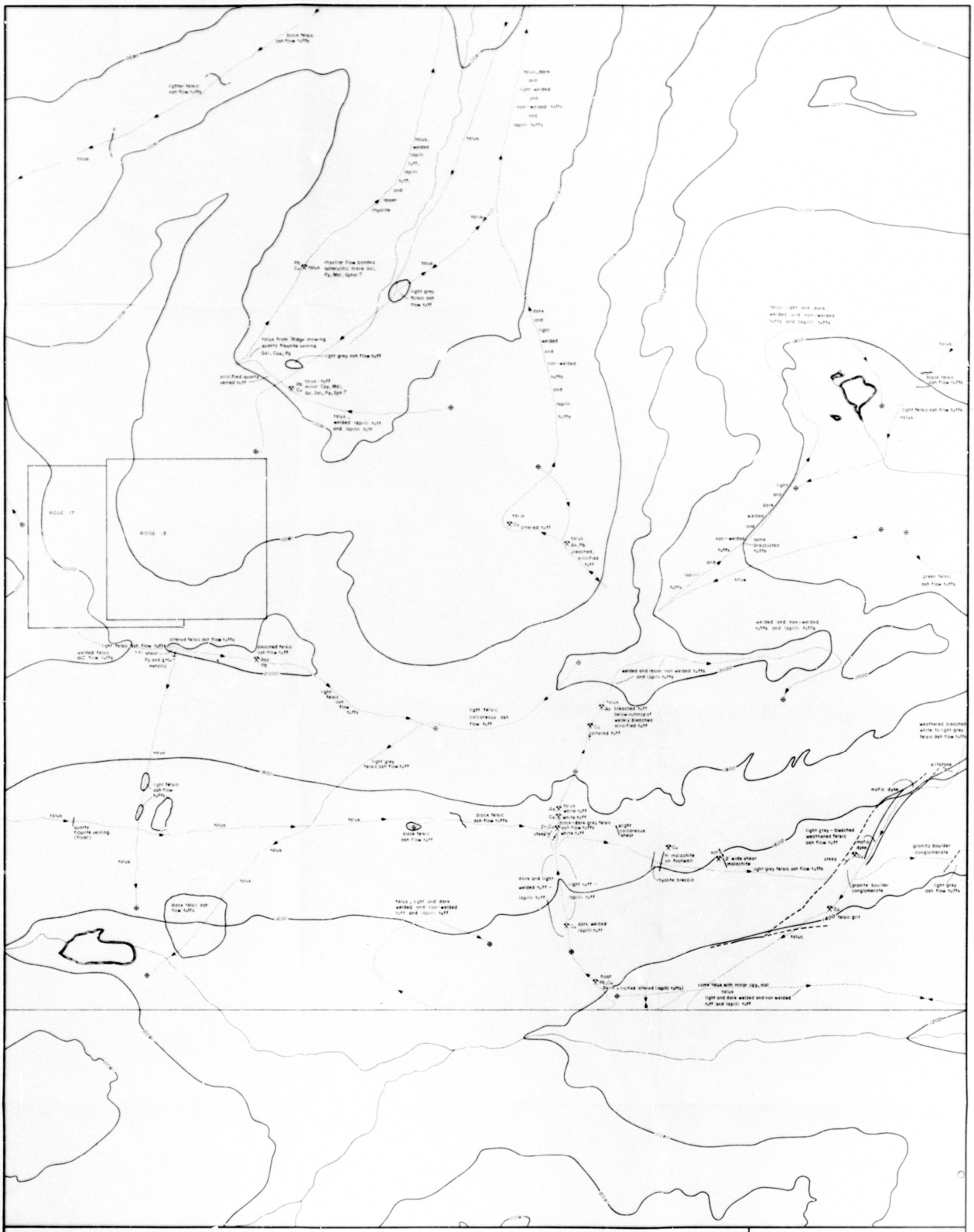
As-Sb

SHEET 5 OF 8

DATA BY: KENNCO EXPLORATIONS		N.T.S. 105 D/1	FILE NO. 34
DRAWN BY: SAM	DATE: MAY 1981	SCALE: 1:5,000	
TRACED BY: E.D.S.	DATE: SEPT. 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD

010050



KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

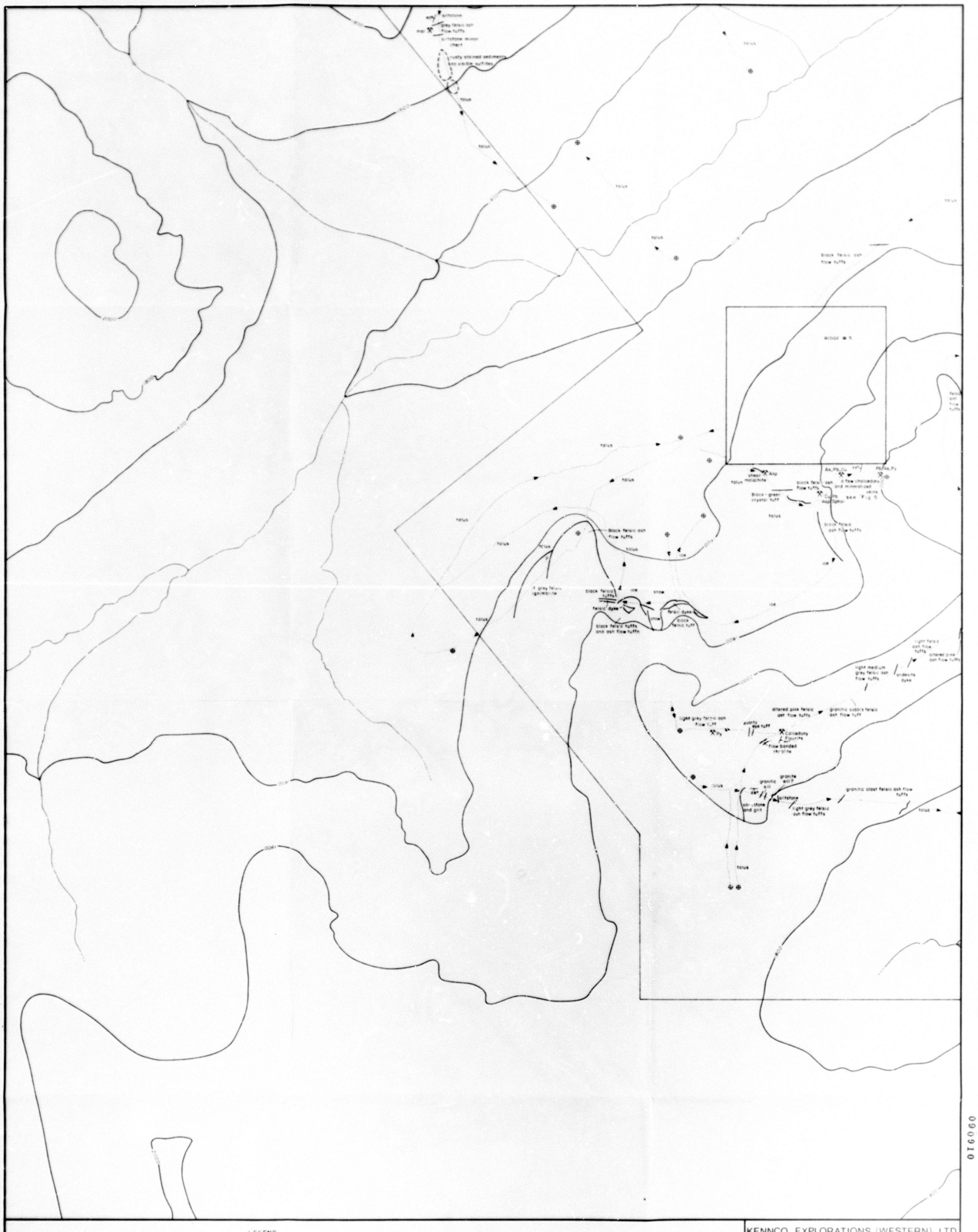
GEOLOGY

SHEET 3 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 C/3	FIG. 38
DRAWN BY G.A.M.	DATE MAY '78	SCALE 1" = 5,000	
TRACED BY E.D.K.	DATE SEPT. '78		
REVISIONS			

EXPLOSIVE DRAFTING SERVICES LTD.

016910



LEGEND

- Traverse Route
- Helicopter Landing Area
- Geological Contact — observed, inferred
- Fault
- Mineral Occurrence
- Claim Boundary
- Strike and Dip

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

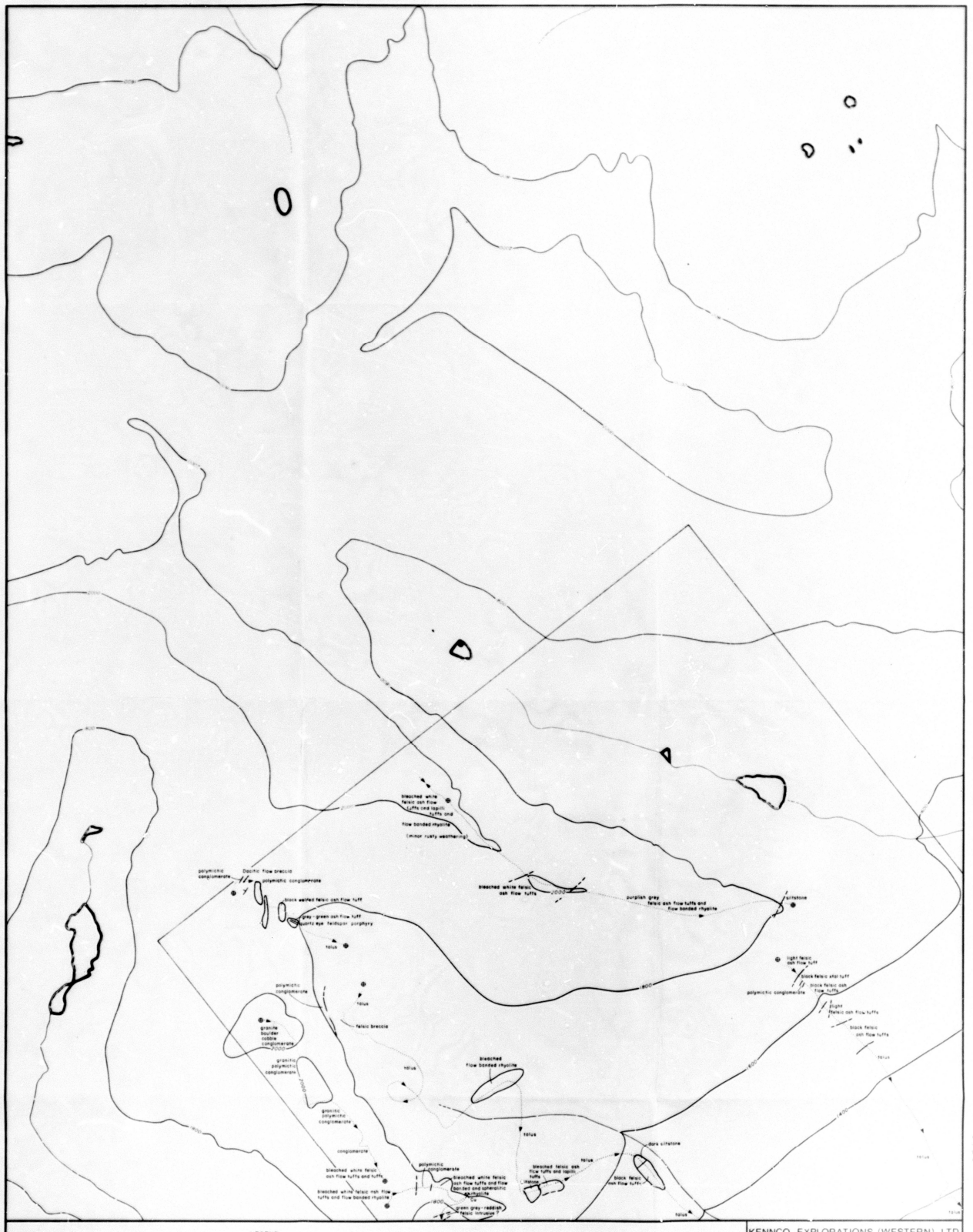
GEOLOGY

SHEET 4 OF 8

DATA BY: KENNCO EXPLORATIONS	NTS: 105 C/15	FILE NO: 39	
DRAWN BY: SAM	DATE: MAY 1981	SCALE: 1:5,000	
TRACED BY: P.D.S.	DATE: SEPT 1981		
REVISIONS			

EXPLOSIVE DRAFTING SERVICES LTD.

090910


bleached white felsic ash flow tuffs and lapilli tuffy and flow banded rhyolite (minor rusty weathering)
polymictic conglomerate
Dacitic flow breccia
polymictic conglomerate
black welded felsic ash flow tuff
grey-green ash flow tuff quartz eye feldspar porphyry
talus
bleached white felsic ash flow tuffs and lapilli tuffs
purplish grey felsic ash flow tuffs and flow banded rhyolite
siltstone
light felsic ash flow tuff
black felsic ash flow tuffs
polymictic conglomerate
light felsic ash flow tuffs
black felsic ash flow tuffs
talus
polymictic conglomerate
talus
felsic breccia
granite boulder cobble conglomerate
granitic polymictic conglomerate
talus
bleached flow banded rhyolite
granitic polymictic conglomerate
talus
dark siltstone
conglomerate
polymictic conglomerate
bleached white felsic ash flow tuffs and lapilli tuffs
bleached white felsic ash flow tuffs and flow banded rhyolite
bleached white felsic ash flow tuffs and flow banded and spherulitic rhyolite
bleached felsic ash flow tuffs and lapilli tuffs
talus
black felsic ash flow tuffs
talus
green grey-reddish felsic intrusive ?
talus
talus
talus



LEGEND

- Traverse Route
- Helicopter Landing Area
- Geological Contact – observed, inferred
- Fault
- Mineral Occurrence
- Claim Boundary
- 80° Strike and Dip

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

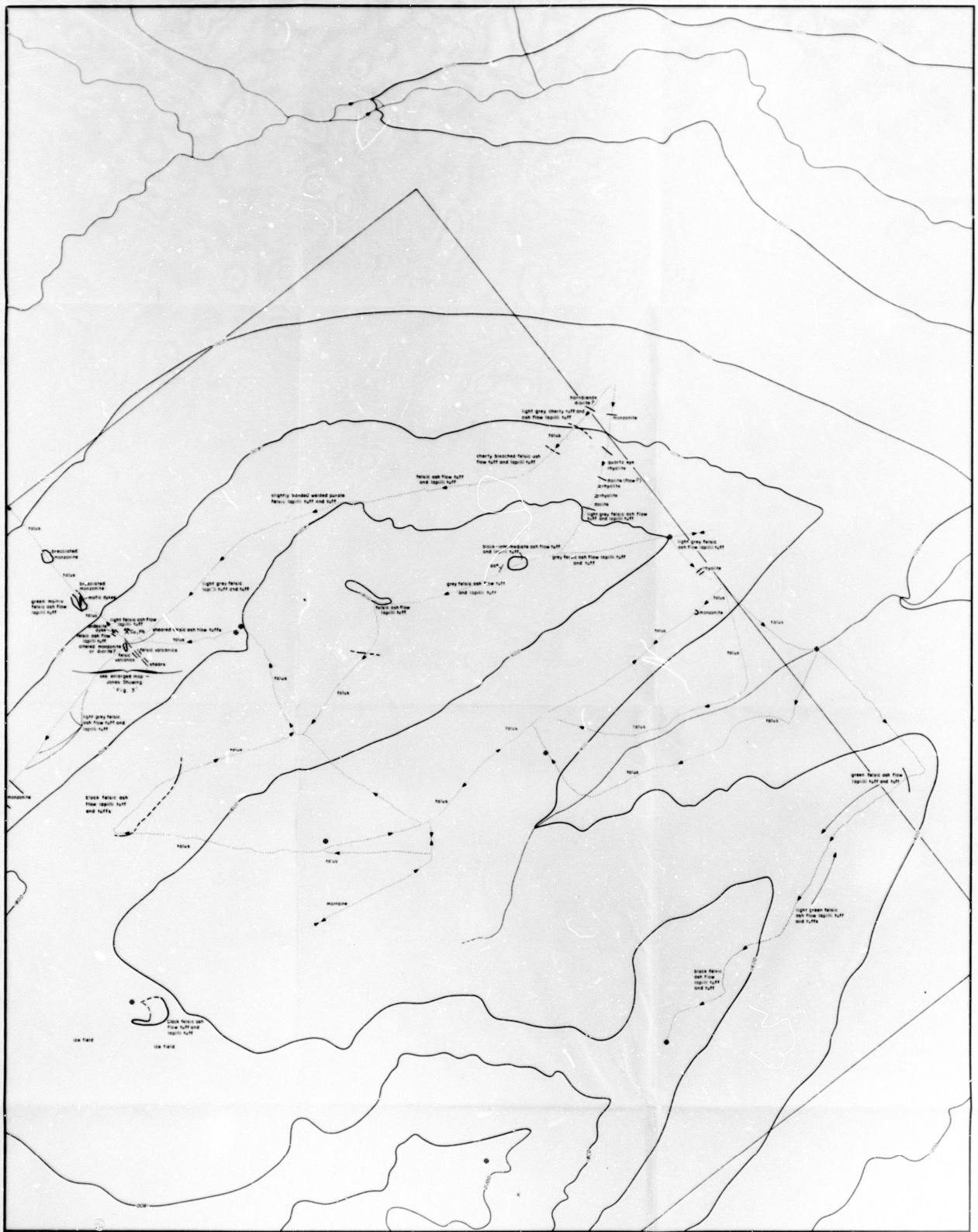
GEOLOGY

SHEET 6 OF 8

DATA BY KENNCO EXPLORATIONS		N.T.S. 105 C/7	P.No. 41
DRAWN BY GAM	DATE MAY 1981	SCALE 1:5,000	
TRACED BY E.D.S.	DATE SEPT 1981		
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

090910



LEGEND

- Traverse Route
- Helicopter Landing Area
- Geological Contact – observed, inferred
- Fault
- Mineral Occurrence
- Claim Boundary
- Strike and Dip

5	6	7	8
4	3	2	1

SCALE 1:5000

100 50 0 100 200 300 400 Metres

CONTOUR INTERVAL 200 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

KENNCO EXPLORATIONS (WESTERN) LTD.

MACAULEY CREEK, Y.T.

GOAT CLAIMS

GEOLOGY

SHEET 7 OF 8

DATA BY	KENNCO EXPLORATIONS	N.T.S. 105 D/7	P. NO. 42
DRAWN BY	S.A.M.	DATE MAY 1981	SCALE 1:5,000
TRACED BY	E.D.S.	DATE SEPT. 1981	
REVISIONS			

EXCLUSIVE DRAFTING SERVICES LTD.

096910