

REPORT ON
GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL SURVEYS
AND PHYSICAL WORK DONE

on

LOCK, HINGE, TOP, HAT
TAILS, AND ROAD CLAIMS

Situated

In CARIBOO MINING DIVISION, B.C.
NTS Map 93A/12E
At 52° 37 N, 121° 41 W
Approximately 65km NE of Williams Lake

by

COMPASS EXPLORATIONS LIMITED
P.O. Box N-4465, Nassau, Bahamas

For

CANADIAN AMERICAN LOAN AND INVESTMENT CORPORATION LIMITED

September 7, 1978

Matti Tavela
Geologist/Geochemist
Prof. Engineer

Vaino Ronka
Geophysicist

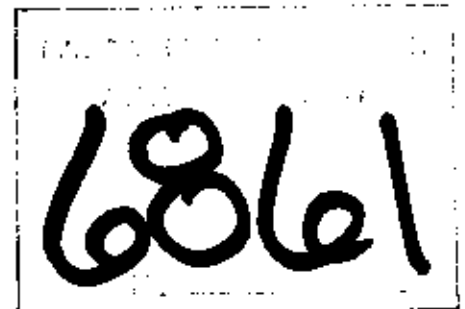


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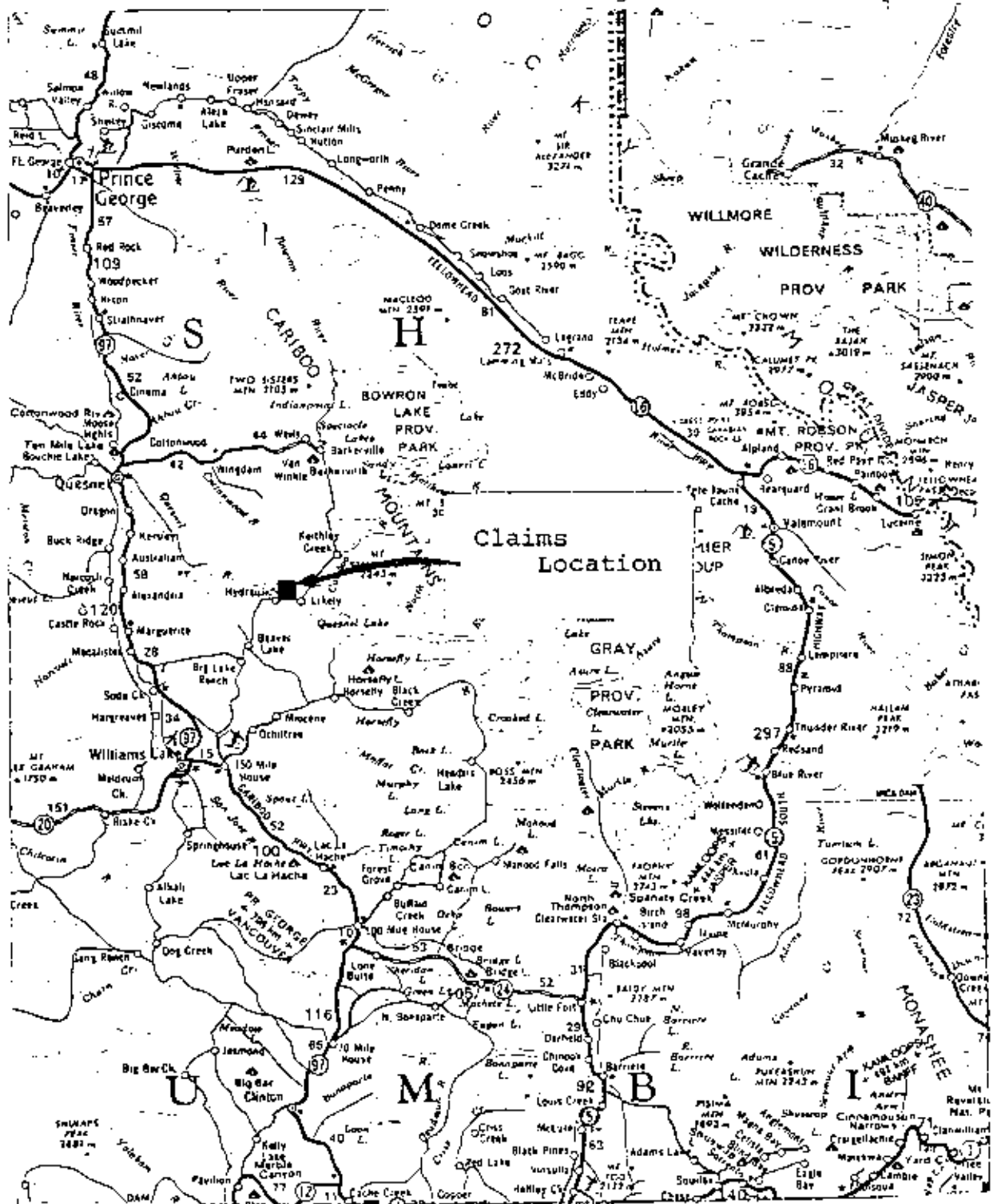
INTRODUCTION

Location and Access

The claims are located about 65km NE of Williams Lake, about 7km west of the village of Likely, in the Cariboo Mining Division: NTS 93A/12E.

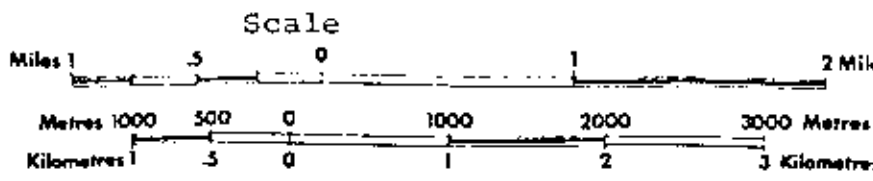
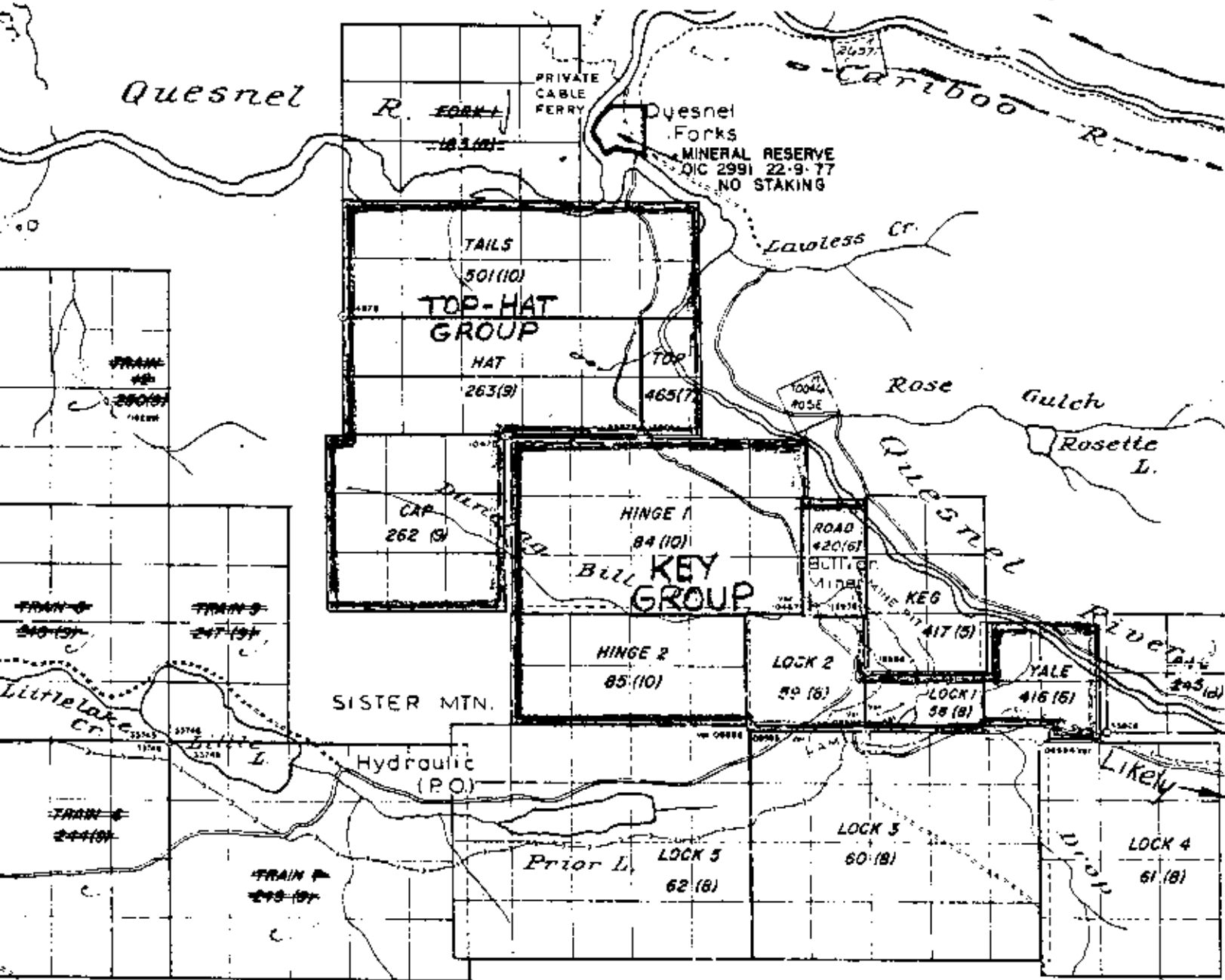
The claims are situated north and south of the McLeese Lake-Likely road. The old Quesnel Forks road leads north through the claims area, by the old Bullion Mine Camp. Also an old logging road leads west from the camp. Similarly, an old logging/mining road runs toward Polly Lake through the southern claim groups. A four-wheel drive vehicle is needed on these roads. (See: Index map, Figure 1; Claims map, Figure 2).

Figure 1 Index Map



Claims Location on B.C. Road map
65km NE of Williams Lake NTS 93A/12E

Figure 2 Claims Map



Claims Map from Mineral Claims Map 93A/12E

Cariboo Mining Division, B.C.

1978 Claim Groupings shown by thick line

Property History and Evaluation

The property is owned by the Canadian American Loan and Investment Corporation Limited (CANAM).

The claims were staked by individuals, starting in 1975. We did the first surveys in the area in 1976. This and 1977-1978 work has established three areas of interest: the "Plateau" at the central Hinge 1 claim, the "Bullion" near the old Bullion Mine Camp, and the "Forks" at the border of Hinge 1, Hat, and Top claims.

This year's work was concentrated on the two latter locations (See: Plan and Claims Location Map No. 1).

Geochemistry had revealed (1977) scattered but some high gold and copper values in the Plateau area soils. The results in Bullion and Forks areas show more defined zones of metal values in the residual soils and also to a degree in the rock.

These metal values are associated in the basic and intermediate intrusives in the volcanic belt.

Magnetic surveys seem to outline these plug-like intrusives fairly well. Also, some correlation exists between the soil and rock values (wherever we have been able to sample both). It is possible that the Bullion Mine deposit was also of local origin.

All around, our results so far are enticing enough to warrant further investigations.

Summary of Claims

All claims are owned by Canadian American Loan and Investment Corporation Limited.

The claims in the 1978 groupings:

KEY GROUP	<u>claim</u>	<u>record number</u>	<u>anniversary date</u>	<u>staking</u>
	Hinge 1	84	Oct. 16	1975
	Hinge 2	85	" "	"
	Road	420	Jun 13	1976
	Lock 2	59	Aug 20	1975
	Lock 1	58	" "	"
	Yale	416	Jun 6	1977
TOP-HAT GROUP				
	Tails	501	Oct 13	1977
	Hat	263	Sept 24	1976
	Top	465	July 29	1977
	Cap	262	Sept 24	1976

Claims Lock 5, Lock 3, and Lock 4 have been allowed to lapse.

GEOLOGY

Basement

The most important discovery of the 1978 season is the confirmation and discovery of new basic to ultrabasic necks and/or intrusive type bodies in the aforementioned three mineralized areas named Plateau, Bullion, and Forks.

These basic intrusive rocks are all intermixed and intruded or simultaneously intruded by small bodies of syenites/monzonites, which all now form a nebulous admixture of likely coeval parent of the generally volcanic surroundings.

These basement surroundings, which form the bulk of the rocks, are mainly fine grained tuffaceous or lava type andesites, homogeneous and without mineralization. In the vicinity of the intrusives, collectively here called necks, the andesites are very broken and shattered, usually pyritized. While this and related sulfide mineralization are widespread geochemically, it has proven to have less promise than the necks themselves.

The form of the necks can be best judged from magnetites (see: map No. 7). The Plateau is a long intrusive body conforming to the general WNW strike of the formation. Its size and ridge-like appearance implies a deep cut of an intrusive. All surrounding observation refer to a similar appearance including the scattered gold values and parallel appearance of most geophysical measurements.

Contrasting with Plateau is Bullion, a round body of about 150m in diameter with steep gradients and in most ways very lucid contrasts. While the Bullion study is not yet finished, one can notice its almost vertical position, proximity to the pit, multimetal values in the magnetic low center and comparatively high Cu values compared with Au values. Also, parts of the Bullion's neck are clearly ultrabasic, which is in conformity with the high Pt values found in one of its contacts but not yet confirmed by trenching.

The area concerned is under a creek and bog where bulldozing is most effectively done in the late fall.

The most promising area to date is the Forks, with at least two necks, both of them under soil cover. The residual soil (soil/rock interface) values here are approaching minable qualities and quantities (Au, Cu, Ag). Similar to Bullion, the two Forks necks are small by area and should therefore be considered more favourably than Plateau.

That the higher soil values do not generally commensurate bedrock values may have several explanations; subject to more bulldozing and/or drilling:

- the area is considered "wet": the leaching in the steep bedrock surface is strong.
- the sampling done only by hand tools has attacked only the hard crests left exposed after bulldozing.
- the soils have enriched their values.

In contrast to the latter is the long road profile in the Forks area (see profile No. 8) where the sampling, done in 5m intervals, is mainly in the unaltered grey soil.

Glaciation

This section is concerned mainly with the origin of Bullion gold deposit, especially because the best mineralization at hand, Forks, is essentially under a non-glaciated window.

The glacial movement has been northerly and locally northwesterly along the Quesnel trough, now the river, with feeders from both sides.

Thick layers of till are exposed on the upper walls of the Bullion Pit, up to 30m thick. Elsewhere, it is mostly up to 10m thick, with depressions filled to the general topographic level. Later glaciofluvial streams have carved these areas again, exposing the bedrock. The till material is almost exclusively local. Less than 0.2% of it consists of gneissic rock from a different geological province.

The Bullion Pit deposit seems to be also of local origin and not an accumulation from a distant glacial source. One evidence of this is that the placer deposits upstream of the Pit are only a few and minor, whereas the downstream deposits are numerous.

GEOCHEMICAL SURVEYS

This year's geochemistry consisted of reconnaissance work, grid surveys (soil samples), and surveys along creeks and bulldozed trenches.

In the bulldozed trenches, where possible, rock-chip sampling was also done.

The two areas of interest were the Forks and Bullion projects. Reconnaissance work was carried out towards the northwest from the Forks area and on the southern claims, Lock 5 and Lock 3.

Throughout the work on the property we have used Au, Cu, and Ag as the key elements. Only experimentally has Pt been analyzed because of the presence of the basic rocks on the area and the discovery of platinum in the silt of the Dancing Bill Creek in one location.

Sampling Method and Analysis

The soil sampling was in the B-layer, at the depth of 50cm. More accurate soil definition was not possible in the field due to the varying glaciation. In the deep bulldozed trenches we tried to collect the samples as close to the bedrock as possible, often right off the interface.

Hand tools were used. Each sample bagfull contained material from three actual holes.

The rock samples were taken from the solid rock, below the loose rubble, trying to minimize the amount of weathered surface area in the chips.

The sample size was 0.9-1.0kg.

The soil samples were dried in an electric oven at 60°C, and then almost all -80 mesh material was sieved with a stainless steel mesh.

50 to 80g of this -80 mesh material was sent to Bondar-Clegg of North Vancouver for analysis. Rock samples were prepared by Bondar-Clegg.

This year, analysis was done for Au, Cu, and Ag. The method was a standard fire assay followed by A.A. determination for Au, and Agua regia attack/A.A. determination for Cu and Ag.

Results

The survey data is shown in the attached profiles and maps (See profiles No. 1,2,4,5,7,8,10 and 11. See maps No. 2,5, and 6.).

The statistical results are in the table below. The frequency distribution plots for the individual survey sections and grids are shown in Figures 3 through 8 (Cu values are ppm; Au values are ppb).

AREA	METAL	NO. OF SAMPLES	MEAN	+1 SD	+2 SD	VARIANCE	RANGE
Forks soils grid (Fig. 3)	Cu	165	107.8	224.7	468.4	.5363	30-1300
	Au	"	29.0	95.6	315.1	1.414	45-6500
Forks soils T-4&T-5 (Fig. 4)	Cu	68	575.7	1370	3261	.7408	107-3500
	Au	"	223.4	598.3	1602	.9559	25-6000
Forks soils Road (Fig. 5)	Cu	81	663.6	1314	2600	.4606	175-3000
	Au	"	229.7	484.3	1021	.5498	65-6000
Forks rocks T-4&T-5 (Fig. 6)	Cu	25	160.2	390.3	951.3	.7619	42-915
	Au	"	23.5	67.5	193.5	1.065	5-920
Bullion soils (Fig. 7)	Cu	74	168.7	373.9	823.6	.6246	38-4300
	Au	"	18.0	60.0	199.5	1.426	45-6000
Bullion rocks (Fig. 8)	Cu	47	120.9	248.5	510.8	.5079	35-590
	Au	"	10.5	31.7	95.4	1.89	45-50

The statistics we use are of the logarithmic (geometric) form. This method gives a better overall area view considering the high values of a few samples, which would perhaps distort the picture with the arithmetic method.

Formulae used:

$$\text{Mean} = \exp\left(\frac{\sum \ln X}{N}\right)$$
$$\text{SD} = \left[\frac{\sum X^2 - \frac{(\sum X)^2}{N}}{N-1} \right]^{\frac{1}{2}}$$

We have omitted overall total statistics because of the varying sampling density throughout the area. The rock-chip sampling was done on relatively short sections, especially in the Forks area, and should be regarded with that perspective.

The reconnaissance lines involved relatively small number of samples. The values on the Lock 5 and Lock 3 in the southern area were without anomalies (See profile 11). The reconnaissance line on the Tails claim showed a few interesting indications (See profile 10). This work is not included in the statistical treatment.

GEOPHYSICAL SURVEYS

This year's geophysics had one objective: to outline the structures giving high metal values in the Bullion and Forks areas. Total field magnetics was used.

The grids were 25 by 25m in the Bullion and 50 by 50m in the Forks project. Some trenches were also surveyed at 5m station intervals for profiles over the most interesting areas.

The numerical data of the magnetic surveys is given in maps 3 and 4, 6 and 7, and in profiles 3, 6, and 9.

Most interesting feature is the Bullion magnetic high. It corresponds with the geological observations, which show a basic to ultrabasic plug containing magnetite. The magnetic low at the center corresponds with the highest Au and Cu values on the location.

The plug seems to be about 150m in diameter, dipping steeply to the west.

The Forks magnetic activity is also pronounced in the mineralized zone, although the features are not so easy to interpret. We probably have several smaller bodies oriented more or less with the NW-SE trend of the structure.

The magnetic gradients in the areas are high, sometimes 100 gammas per meter. We did not see the necessity of making diurnal corrections, although control stations were visited several times a day to eliminate unreliable data (due to magnetic storms or instrument instability). Suspect data was resurveyed.

Instrument operator was R. Mickle under M. Tavela's supervision, or M. Tavela.

Magnetometer used is the total field one-gamma Geometrics G-816. The data in the maps is the raw field data given in total absolute values in gammas.

PHYSICAL WORK

Supporting field work consisted of line cutting and grid establishment by chain and compass, bulldozing to deepen old trenches and to make some new, and to improve roads (See map No. 9 and statistics on page 3). The trenching was done in order to get deep soil samples at close intervals and if possible to reach the base rock for sampling.

At the Bullion property the Dancing Bill Creek water was looped around the most interesting section of the creek bed. Some of it still waits for further drying for digging down to the bedrock.

Forestry operations at the Bullion location had destroyed our old grid system. We had to make a new 25 by 25m grid for the geophysical use and for reference purposes.

A new grid, 50 by 50m, was put on about a 500 by 1000m area at the Forks project also.

CONCLUSIONS AND RECOMMENDATIONS

1. The 1978 work has resulted in the location of one basic to ultrabasic plug in the Bullion area. The magnetite content of this intrusive body is higher on the perimeter than at its center which contains an altered (gossan-like) zone near its center. This zone also shows correlating higher values of Cu and Au in the soil and rock samples.
2. Also we have located similar volcanic intrusive structure in the Forks area with higher magnetic level and sharp gradients. The mineral values are above the background over the area in the glacial window. There is a correlation between the high metal values in the soil and rock.

The reconnaissance work north-west of the Forks, on Tails claim, indicated some gold bearing soil in the area.

We Recommend

1. The Bullion and Forks project areas should be surveyed by induced polarization method.
2. Diamond drilling should be done in both areas.
3. Induced polarization surveys should also be done in the Plateau area depending on the drilling results.

Note: VLF-EM should be applied over the drilled targets for controlled application in surrounding areas.

Vancouver, B.C.
September 7, 1978

Matti Tavela
Matti Tavela



Vaino Ronka
Vaino Ronka

STATEMENT OF COSTS

I Wages:

Employee	Dates	Total	@	Wages
M. Tavela	Mar 18-24			
	May 15-July 7	61 days	\$200	12,200.00
R. S. Graham	May 5-30	26 "	105	2,700.00
Keith Cartmill	May 5-23	19 "	70	1,330.00
Robert Mickle	May 25-June 9	15 "	100	1,525.00
Diana Mickle	May 25-June 9	11 "	50	550.00
Eric Warris	May 25-June 9	15 "	75	1,125.00
Gail Carney	June 11-June 17	8 "	50	400.00
Vaino Ronka	June 11-June 13	3 "	175	525.00
Michael Tann	June 19-June 21	3 "	75	225.00
Barbara Pawlik	June 20-June 24	4 "	50	200.00
John Laughlin	June 24-July 3	7 "	75	525.00
Beverly Hamilton	June 26-July 3	7 "	50	350.00
	Total man-days	164	Total wages	21,655.00

II Food and Accomodation

164 man-days @\$30/day
 (dates as listed in I. above) 4,920.00

III Transportation

Toyota Jeep 4-wheel drive (1974)
 64 days @\$20/day 1,280.00
 Gas, oil, lubrication on above 441.49
 M. Tavela air fare to property
 Vancouver-Williams Lake May 15 49.70
 Keith Cartmill bus from property
 Williams Lake-Vancouver May 24 16.30
 R. S. Graham bus from property
 Williams Lake-Vancouver May 31 16.30
 V. Ronka round trip from Vancouver-Likely
 as per above dates (I), mileage charge
 on VW van 205.50
 G. Carney air fare from property
 Likely-Williams Lake June 17 17.00
 Williams Lake-Vancouver " 49.70

Total transportation charge 2,075.00

IV Miscellaneous Field Expenses

Postage and stationary, shipping costs	318.33
Batteries, flagging, other field costs	264.80
	<u>583.13</u>

V Geochemical analyses

461 soil samples analyzed for Au, Cu, and Ag	
72 rock-chip " " " " " "	
(Costs as per Bondar-Clegg current schedule of fees	
As per invoices	3,222.50

VI Physical Work

Contractors:

Shelley Nicol Cat work	
May 16-27, total of 91 hours	
slashing, 14 1/2 hours	3,664.00
Robert Mickle Backhoe work	
May 29-June 2, total of 9 hours	242.00
	<u>3,906.00</u>

VII Report Preparation

Xeroxing, whiteprinting, stationary, postage,	
typing	300.00
G. Carney wages 160 hours	800.00
	<u>1,100.00</u>

Total of I through VII ---- \$37,461.63

less physical

	3,906.00
	<u>33,555.63</u>

Certificate

I, Matti Tavela, hereby certify that:

1. I am a Geologist/Geochemist, a permanent resident of Canada, and reside at 202, 1065 Burnaby Street, Vancouver, B.C.
2. I have M.S. Degrees in geology and chemistry and a Ph.D Degree in geology from the University of Helsinki, Finland. I have practiced my profession for thirty years.
3. My Canadian experience is: 1961-62 Geologist/Geochemist for Selco Exploration Limited of Toronto; 1970-72 Chief Geochemist for Kennco (Western) Limited of Vancouver, and 1973 Project Manager for British Newfoundland Exploration Company Limited for a B.C. Project.
4. Presently, I am with Compass Explorations Limited of Nassau, Bahamas, an exploration and consulting firm owned by Canadians.
5. I am a member of the Canadian Institute of Mining and Metallurgy, the American Institute of Mining, Metallurgical and Petroleum Engineers and several scientific societies.
6. I am a Registered Professional Engineer in B.C., a Registered Geologist in the State of California and a licenced Surveyor in Finland.
7. This report is based on my personal work.
8. I have no interest in the property.

Signed this 7th day of September, 1978 in Vancouver, B.C.

Matti Tavela
Matti Tavela



Certificate

I, Vaino Ronka, hereby certify that:

1. I am a citizen of Canada and permanently reside at Suite 1403, 4390 Grange Street, Burnaby, B.C., where I also maintain an office.
2. I received my basic training in electronics and geophysics in Finland, where I was working on research projects with Geological Survey of Finland.
3. In 1954-58 I was a senior research engineer with Hunting Group in Toronto.
4. I was a consulting research engineer in Toronto in 1959-62.
5. In 1962 I started Geonics Ltd., an instrument development and manufacturing company in Toronto. I was a President of that company until 1973.
6. Since 1973 I have been an independent geophysicist in Vancouver, working on projects in and outside of Canada.
7. I am a member of the B.C. Geophysical Society, Canadian Institute of Mining and Metallurgy and B.C. and Yukon Chamber of Mines.
8. This report is based on my personal examination of the property and field results.
9. I have no personal interest in the property.

Signed this 7th day of September, 1978, in Vancouver, B.C.



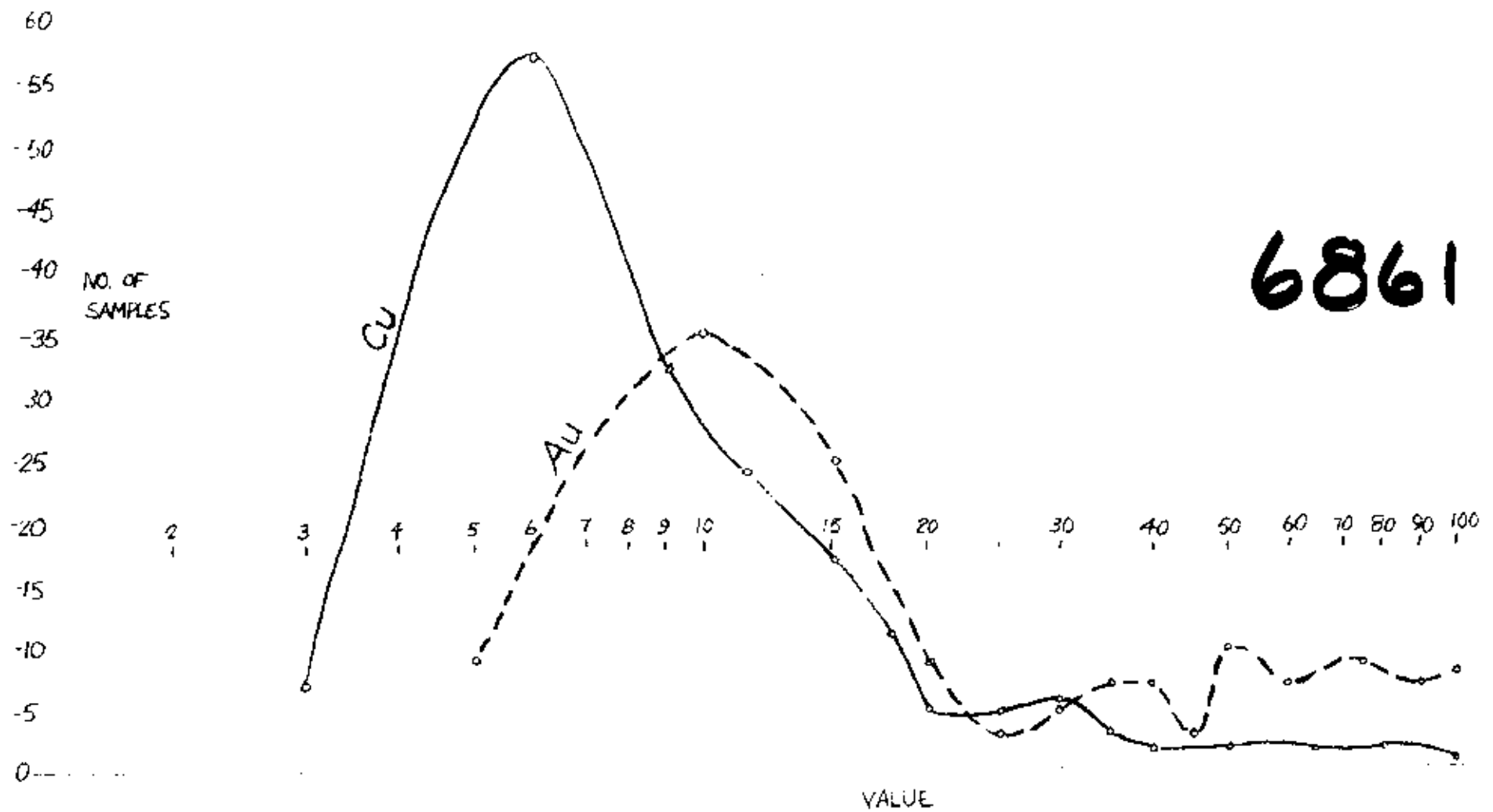
Vaino Ronka

FREQUENCY DISTRIBUTION PLOT

FIGURE 3 FORKS GRID
165 SOIL SAMPLES

Au = ppb

Cu = ppm x 10



FREQUENCY DISTRIBUTION PLOTS

FIGURE 4 FORKS-T-4 & T-5
68 SOIL SAMPLES

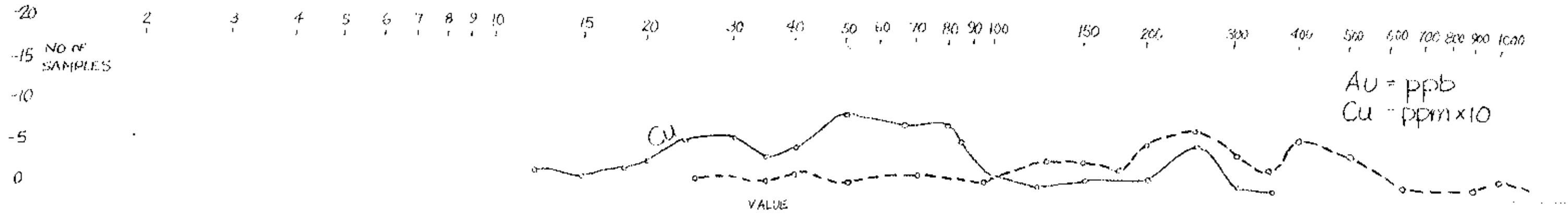


FIGURE 5 FORKS-ROAD LINE BETWEEN
T-4 & T-5
81 SOIL SAMPLES

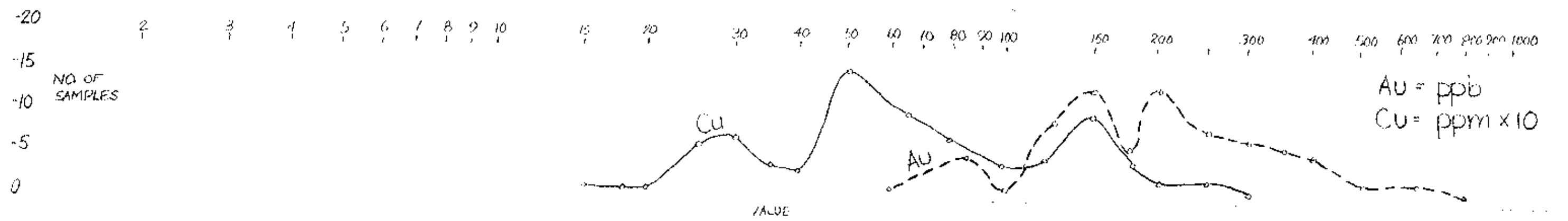
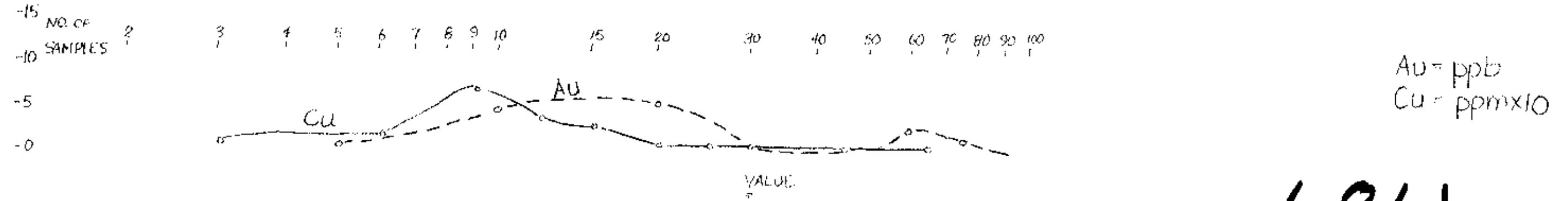


FIGURE 6 FORKS-T-4 & T-5
25 ROCK SAMPLES



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FREQUENCY DISTRIBUTION PLOTS

FIGURE 7 BULLION
74 SOIL SAMPLES

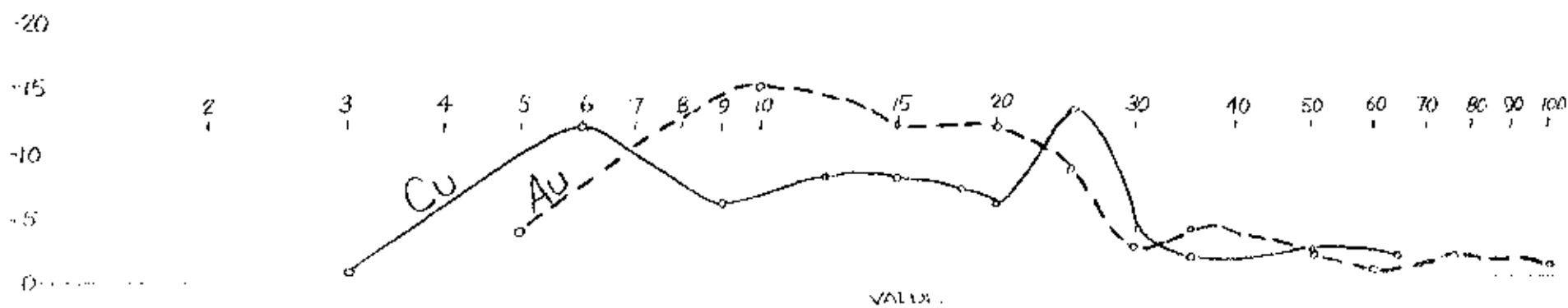
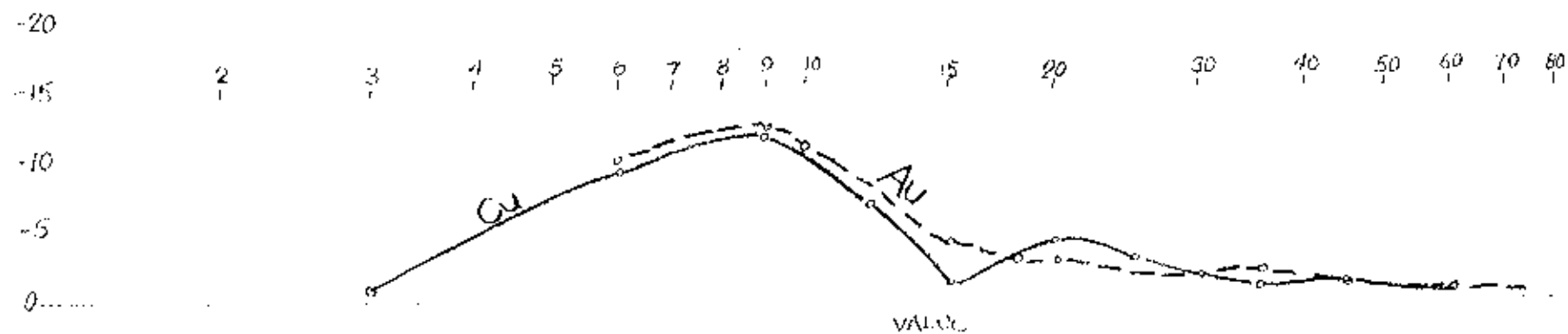
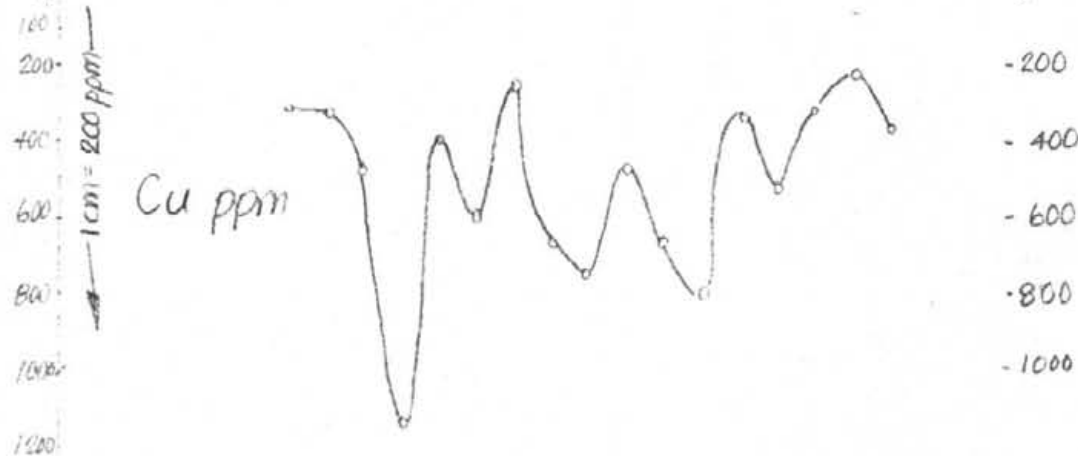
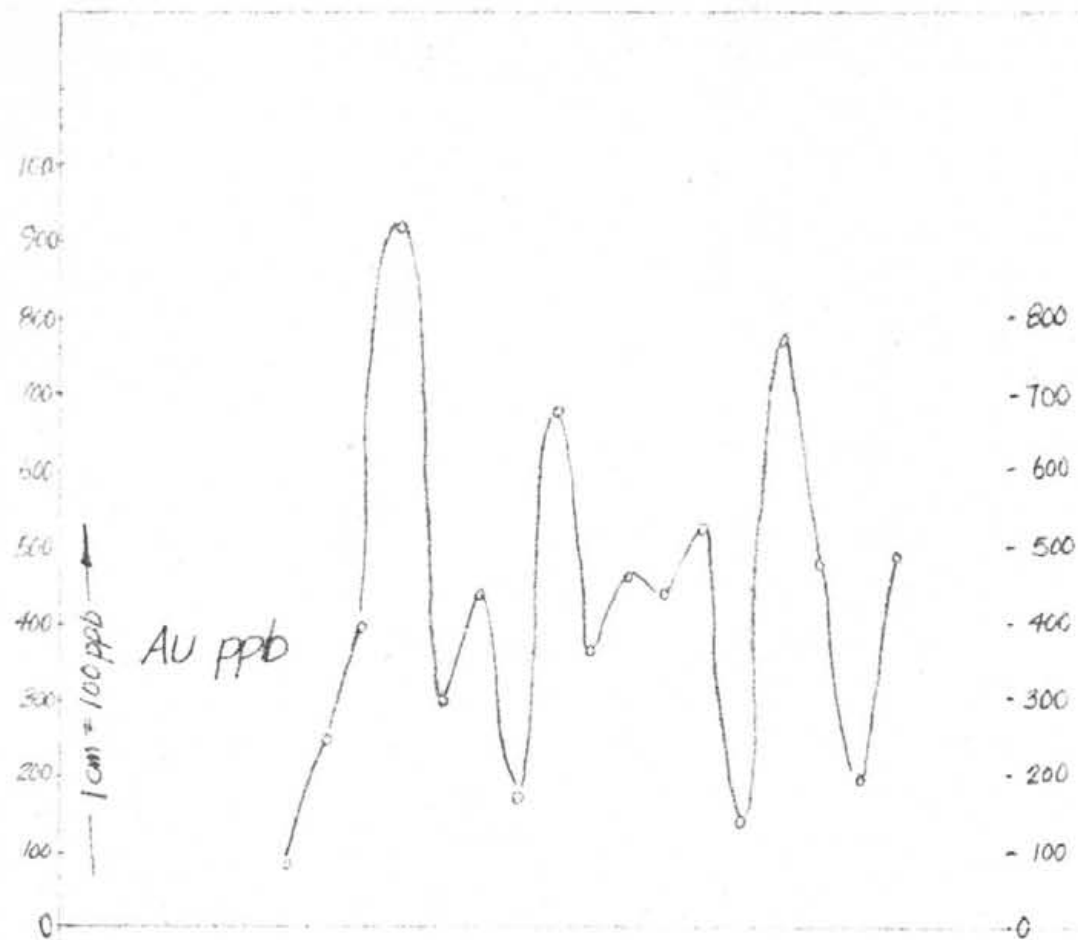


FIGURE 8 BULLION
47 ROCK SAMPLES



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Ag ppm
(over 0.2)

SAMPLE NUMBER

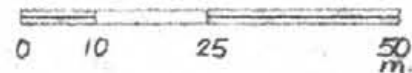
189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205

ROAD

0.5

206

HORIZONTAL SCALE 1:1000



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FORKS - T-4
SOIL GEOCHEMISTRY
PROFILE
PLOTTED SW → NE

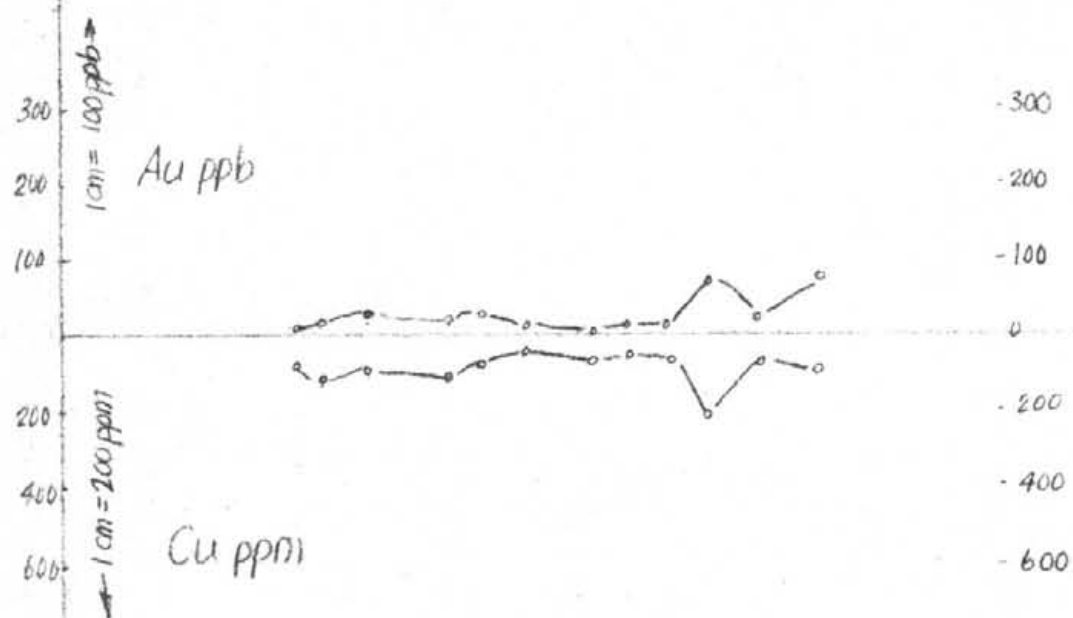
GOLD VALUES - TOP
COPPER VALUES - BOTTOM
SILVER VALUES - ALL VALUES
OVER 0.2 ARE
NUMERICALLY INDICATED

SEPT
1978

PROFILE NO. 1

SW

NE



Ag ppm
(over 0.2)

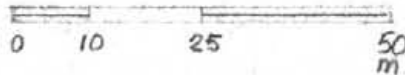
1.2
0.3
0.4

SAMPLE NUMBER	ROCK	SOIL
410		189
411		
412		
413		
414		
415		
416		
417		
418		
419		
420		
421		

205

6861

HORIZONTAL SCALE 1:1000



FORKS - T-4
ROCK GEOCHEMISTRY
PROFILE
PLOTTED SW → NE

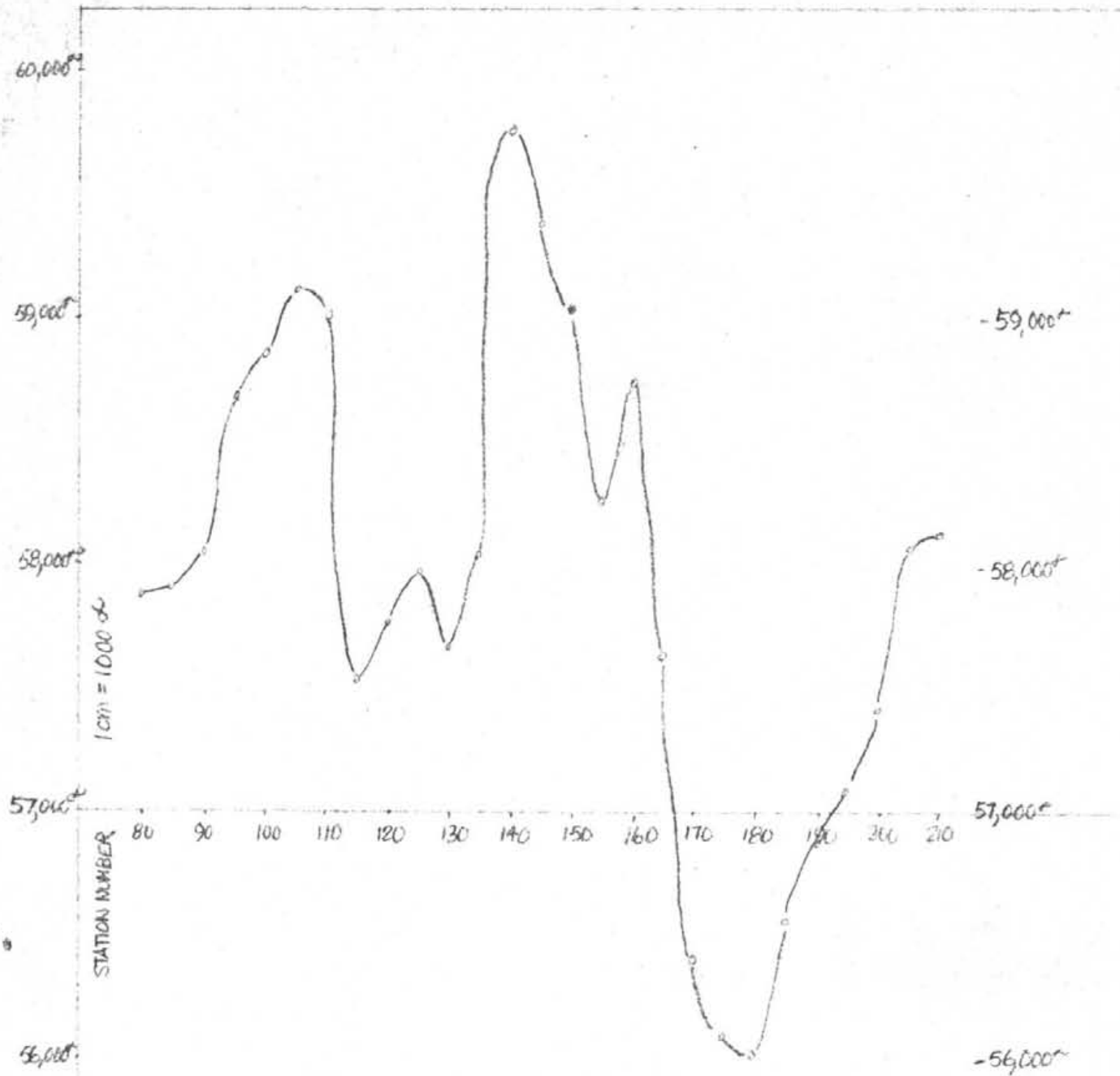
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COPPER VALUES - BOTTOM
SILVER VALUES - ALL VALUES
OVER 0.2 ARE
NUMERICALLY INDICATED

SEPT
1978

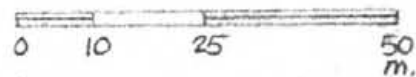
PROFILE NO. 2

SW

NE



HORIZONTAL SCALE 1:1000



FORKS T-4
MAGNETIC PROFILE
PLOTTED SW → NE

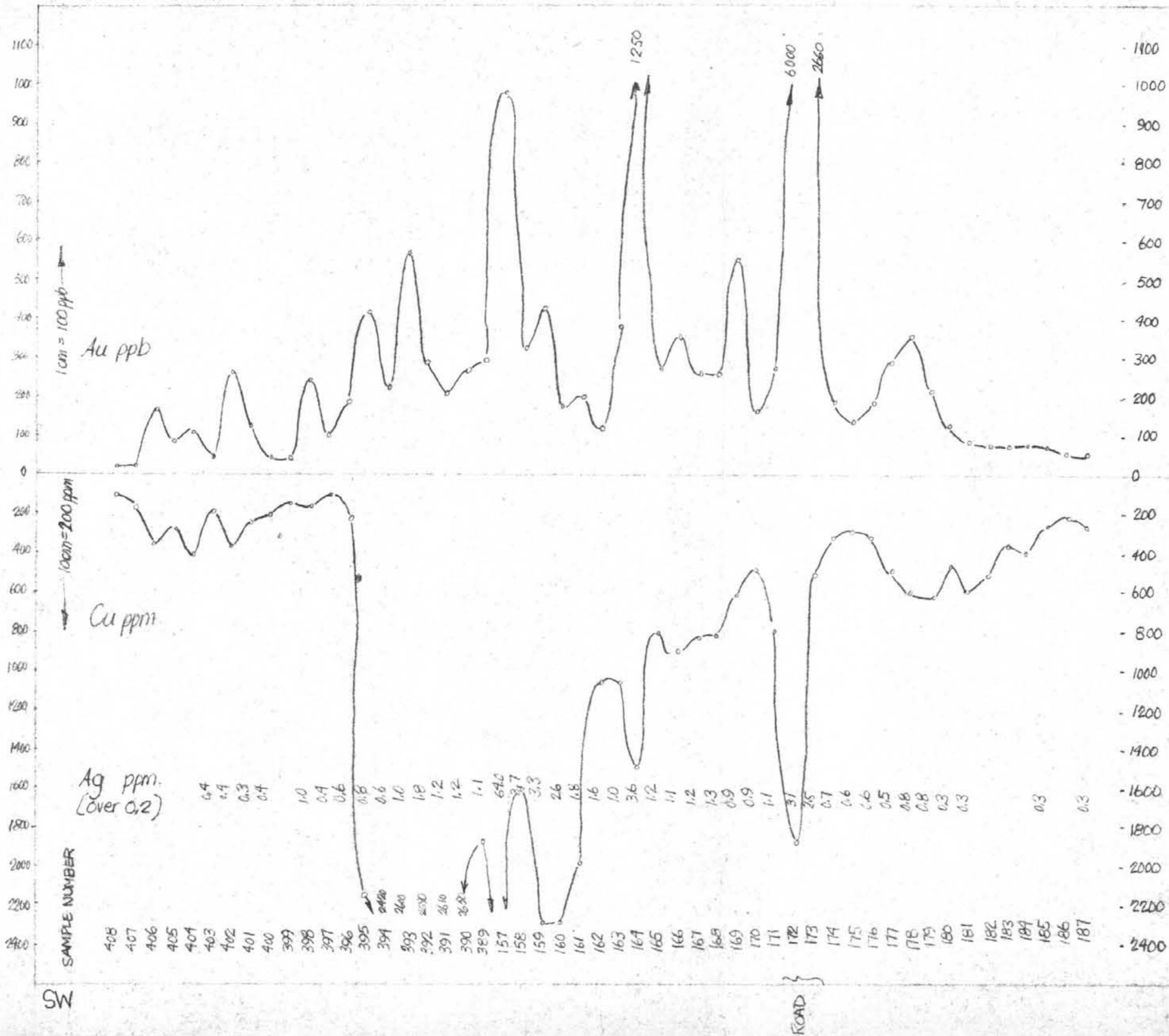
MEASUREMENTS PLOTTED
ARE TOTAL FIELD ABSOLUTE
VALUES IN GAMMAS

SEPT
1978

PROFILE NO. 3

SW

NE



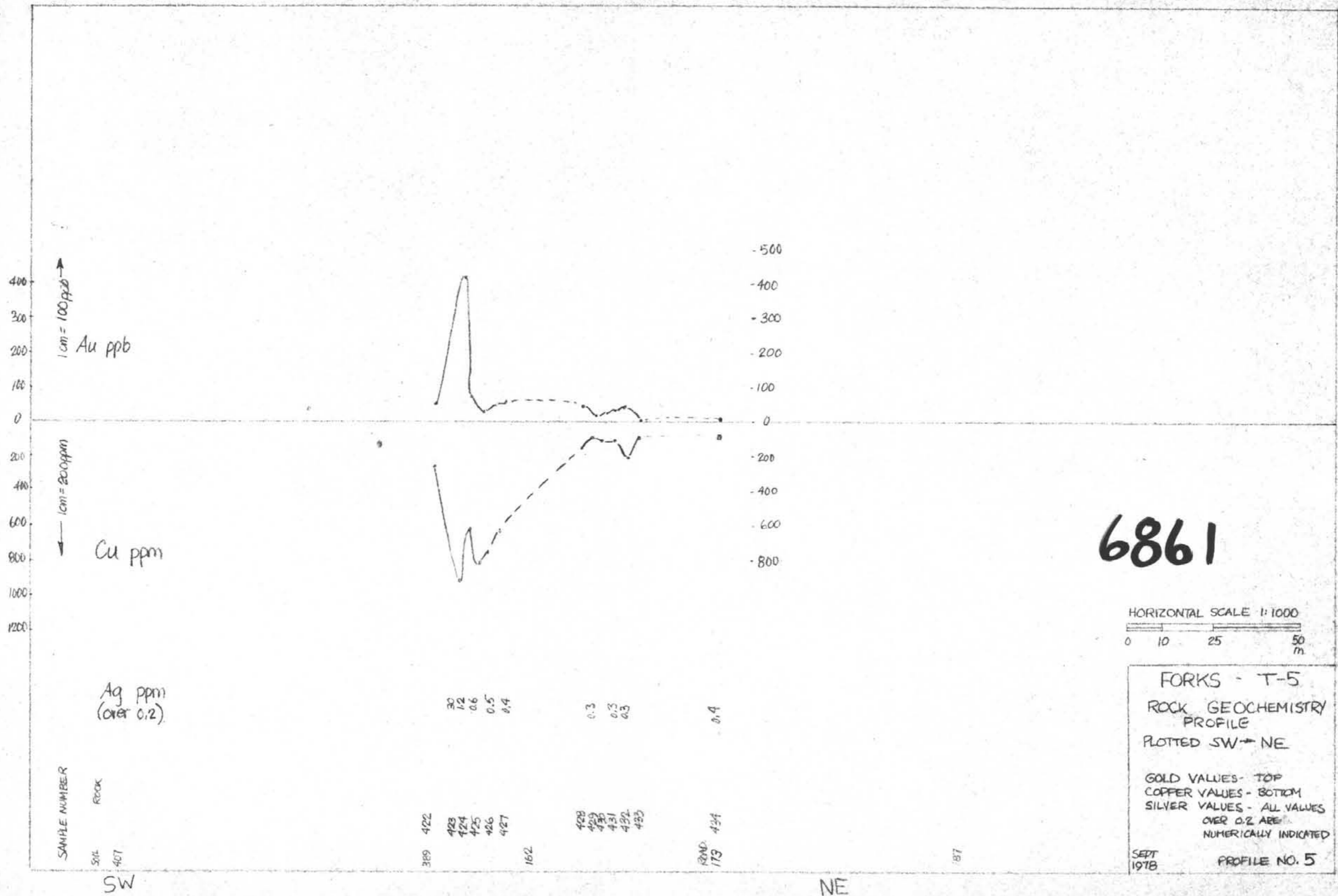
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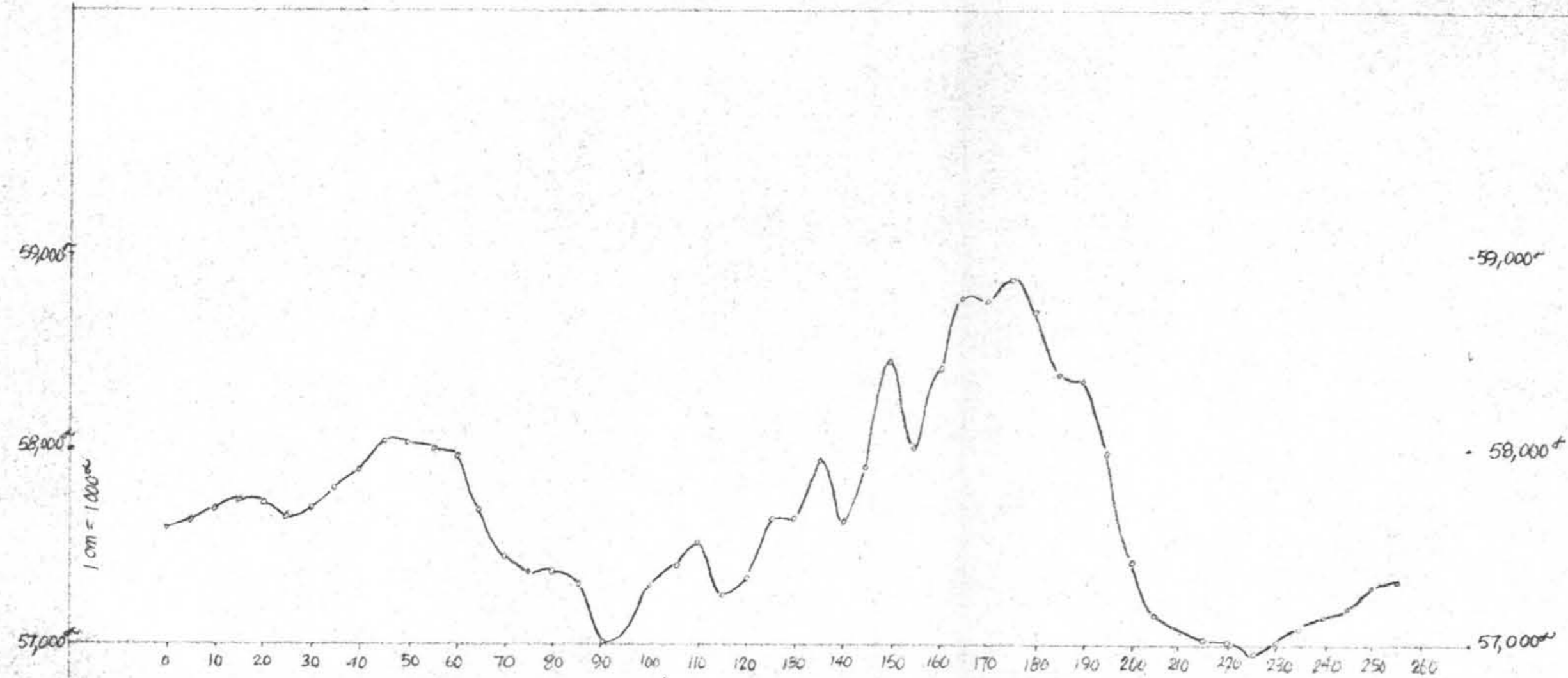
HORIZONTAL SCALE 1:1000
0 10 25 50 m

FORKS - T-5
SOIL GEOCHEMISTRY
PROFILE
PLOTTED NW - SE

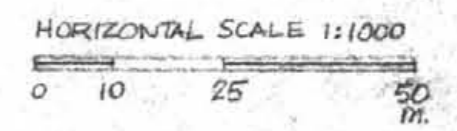
GOLD VALUES - TOP
COPPER VALUES - BOTTOM
SILVER VALUES - ALL VALUES
OVER 0.2 ARE
NUMERICALLY INDICATED

SEPT 1978 PROFILE NO. 4





6861



FORKS - T-5
 MAGNETIC PROFILE
 PLOTTED SW → NE
 MEASUREMENTS PLOTTED ARE
 TOTAL FIELD ABSOLUTE
 VALUES IN GAMMAS

1978 PROFILE NO. 6

STATION NUMBER

SOIL SAMPLE LOCATION
402

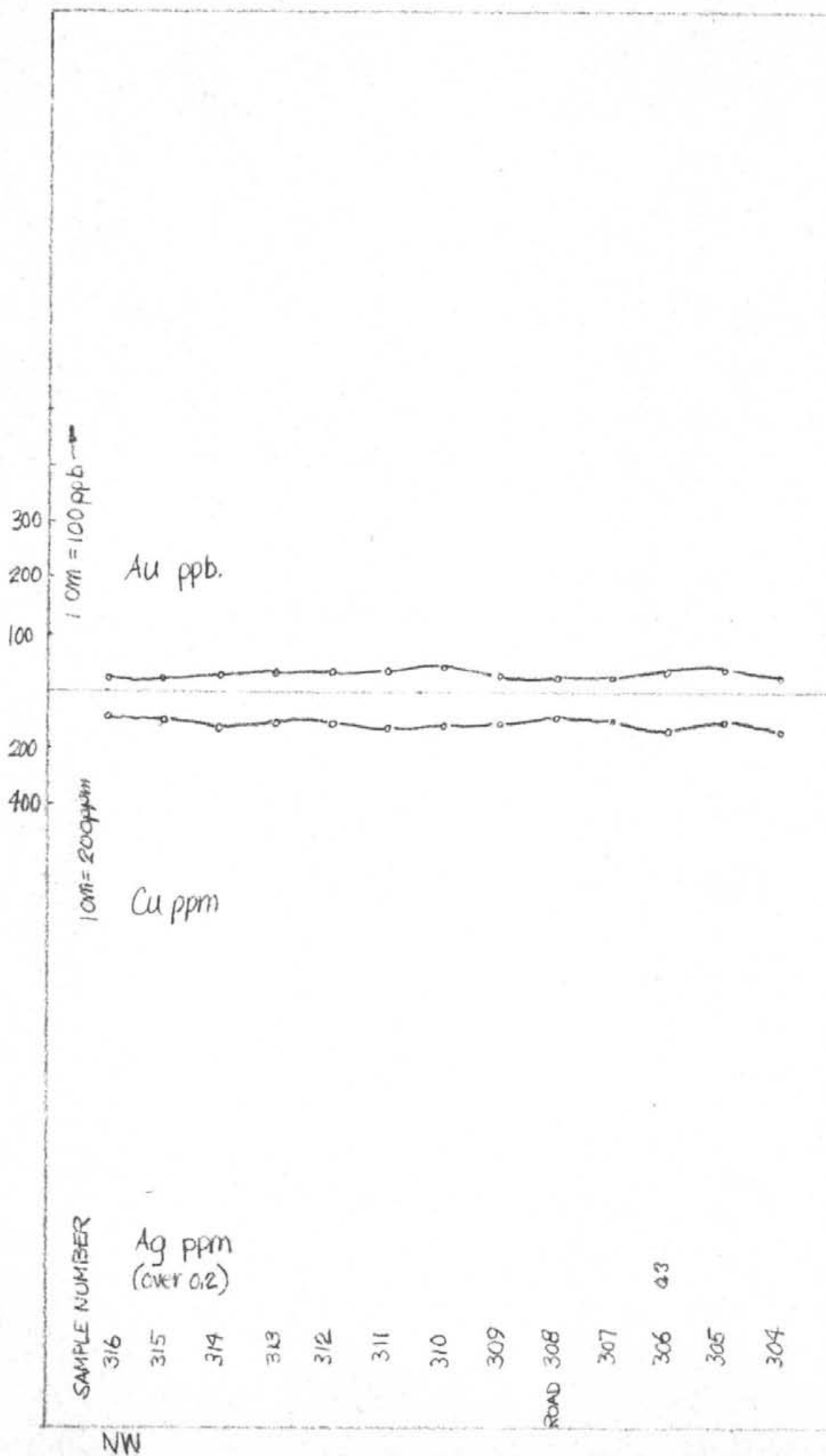
158

ROAD 173

167

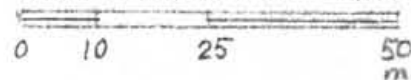
SW

NE



6861

HORIZONTAL SCALE 1:1000

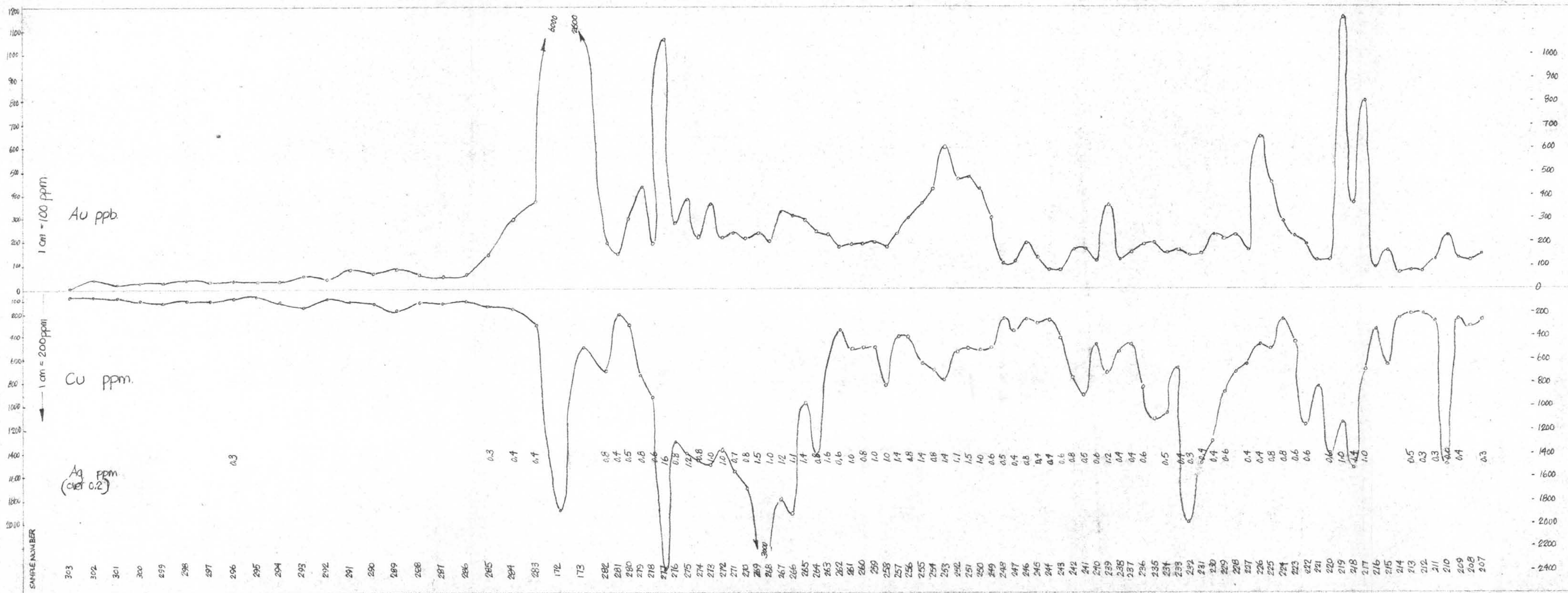


FORKS - T-6
 SOIL GEOCHEMISTRY
 PROFILE
 PLOTTED NW → SE

GOLD VALUES - TOP
 COPPER VALUES - BOTTOM
 SILVER VALUES - ALL VALUES
 OVER 0.2 ARE
 NUMERICALLY INDICATED

1978

PROFILE NO. 7



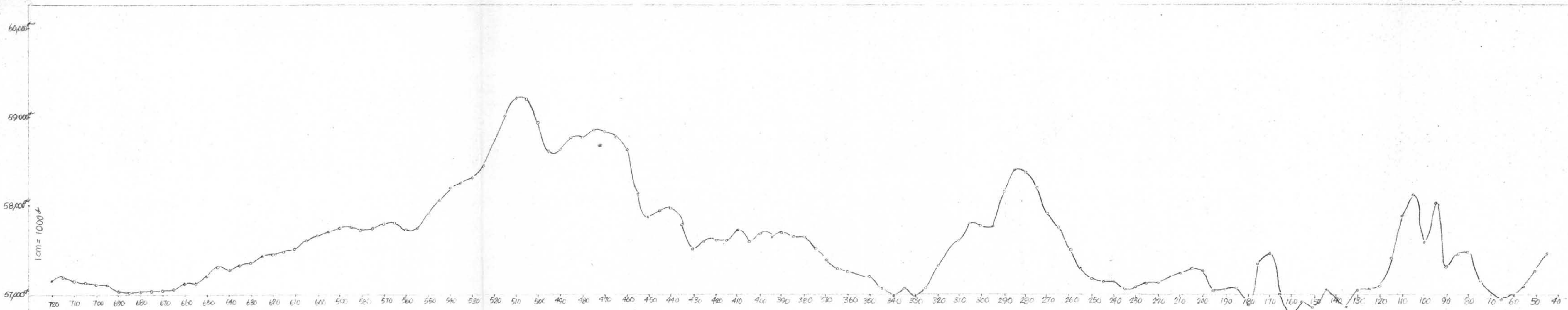
6861

HORIZONTAL SCALE 1:1000
0 10 25 50 m.

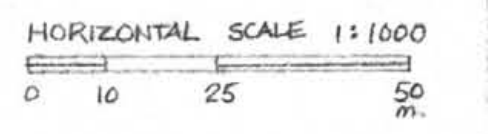
FORKS - ROAD LINE
SOIL GEOCHEMISTRY
PROFILE
PLOTTED NW → SE

GOLD VALUES - TOP
COPPER VALUES - BOTTOM
SILVER VALUES - ALL VALUES
OVER 0.2 ARE
NUMERICALLY INDICATED

SEPT 1978 PROFILE NO. 8



6861



FORKS: ROAD LINE
 MAGNETIC PROFILE
 PLOTTED NW → SE
 MEASUREMENTS PLOTTED
 ARE TOTAL FIELD ABSOLUTE
 VALUES IN GAMMAS

SEPT 1978 PROFILE NO. 9

NW

T-5

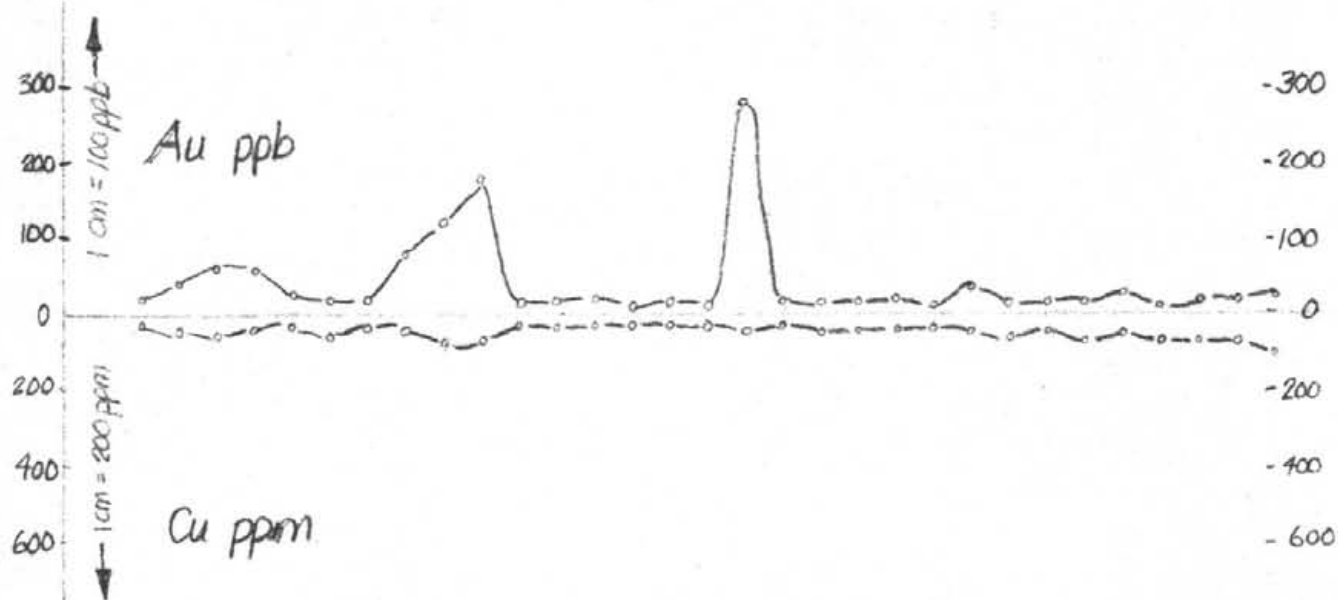
T-4

SE

303

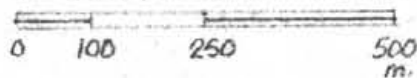
242

207



6861

HORIZONTAL SCALE 1:10 000



NORTH RECONNAISSANCE
LINE

SOIL GEOCHEMISTRY
PROFILE

PLOTTED NW → SE

GOLD VALUES - TOP
COPPER VALUES - BOTTOM
SILVER VALUES - ALL VALUES
OVER 0.2 NUMERICALLY
INDICATED

PROFILE NO. 10

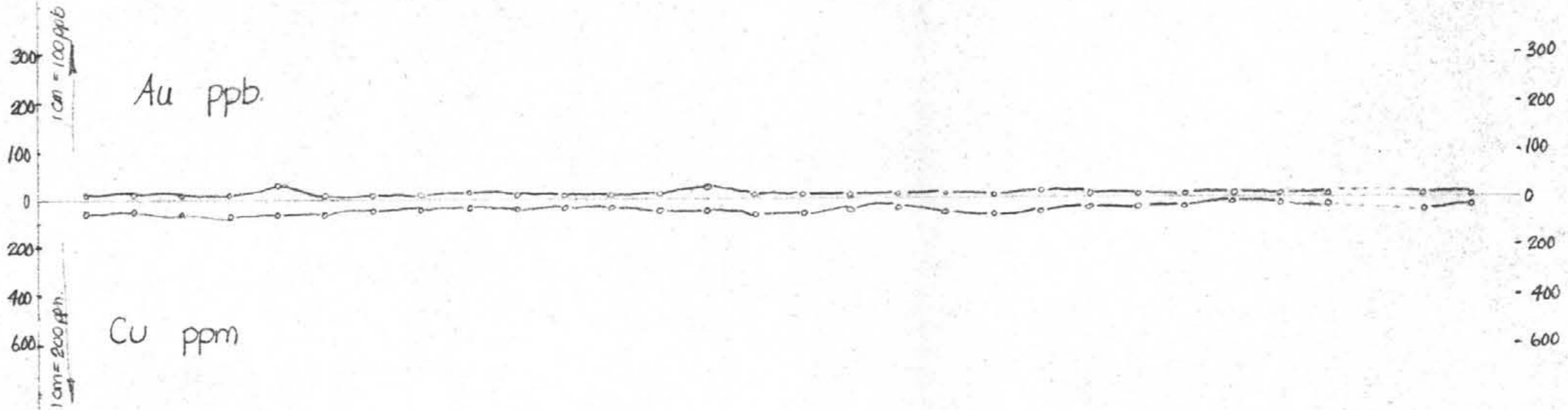
SAMPLE NUMBER:

348 347 346 345 344 343 342 341 340 339 338 337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318

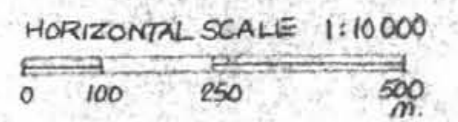
NW

SE

Ag
(over 0.2) 0.5



6861

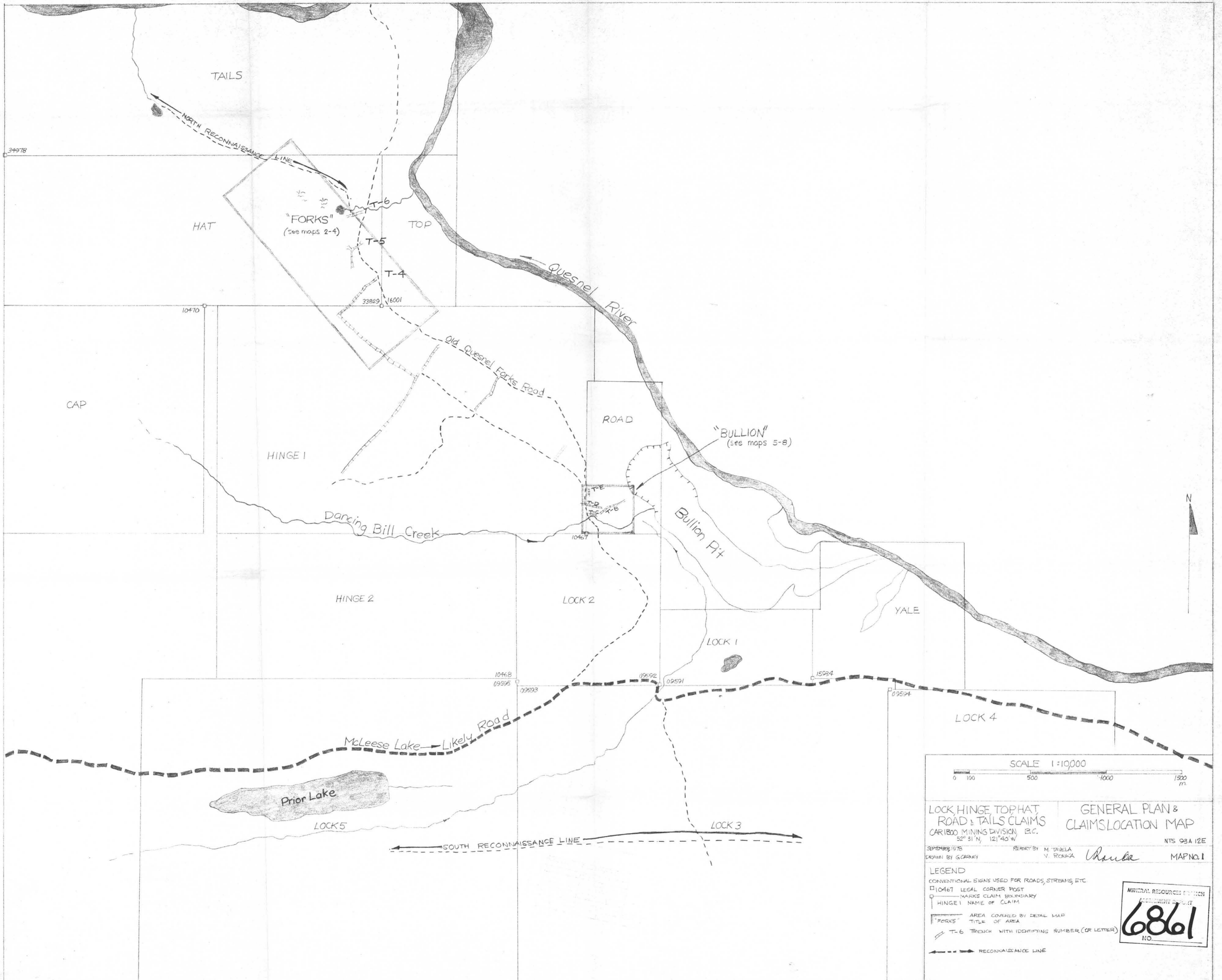


SOUTH RECONNAISSANCE
LINE
SOIL GEOCHEMISTRY PROFILE
PLOTTED W → E
GOLD VALUES - TOP
COPPER VALUES - BOTTOM
SILVER VALUES UNPLOTTED

SAMPLE NUMBER

- W. 969
- 968
- 967
- 966
- 965
- 964
- 963
- 962
- 961
- 960
- 959
- 958
- 957
- 956
- 955
- 954
- 953
- 952
- 951
- 950
- 949
- 948
- 947
- 946
- 945
- 944
- 943
- NO SAMPLE
- 941
- 940
- M

PROFILE NO. 11



SCALE 1:10,000
 0 100 500 1000 1500 m

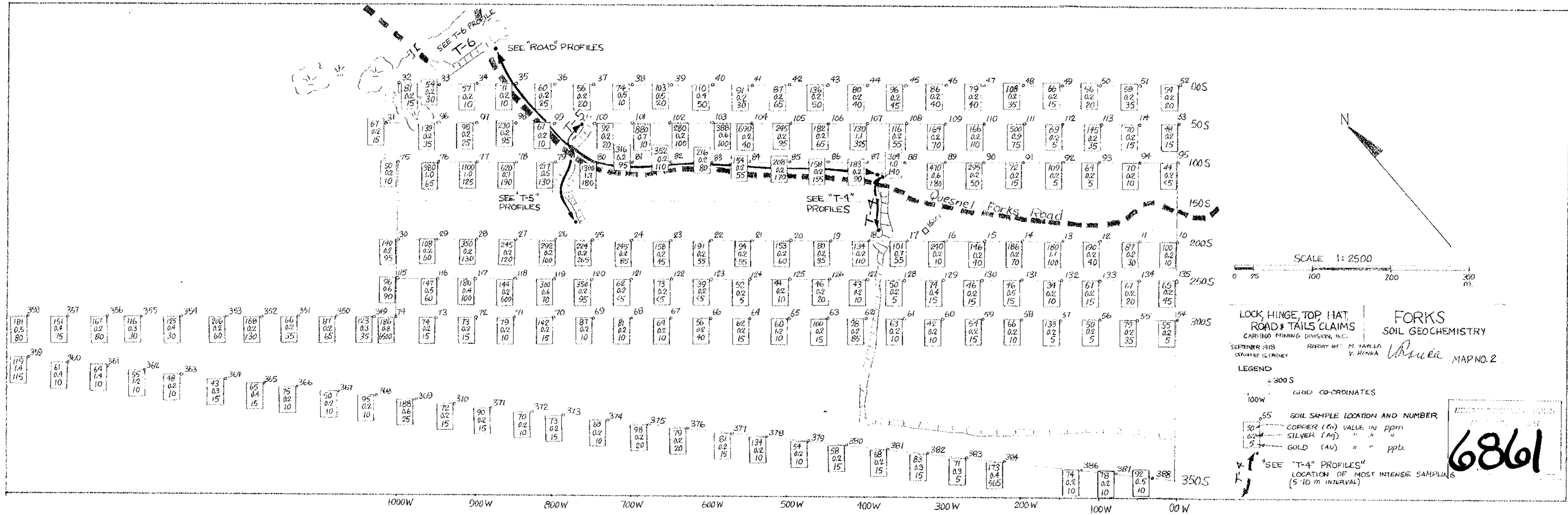
LOCK, HINGE, TOP HAT, ROAD & TAILS CLAIMS
 CARIBOO MINING DIVISION, B.C.
 52° 31' N, 121° 40' W
 NTS 93A 12E

GENERAL PLAN & CLAIMS LOCATION MAP

SEPTEMBER 1975
 DRAWN BY G. GARDNER
 REPORT BY M. TAVELA
 V. RONKA
Ursula
 MAP NO. 1

LEGEND
 CONVENTIONAL SIGNS USED FOR ROADS, STREAMS, ETC.
 □ 10467 LEGAL CORNER POST
 - MARKS CLAIM BOUNDARY
 | HINGE 1 NAME OF CLAIM
 "FORKS" AREA COVERED BY DETAIL MAP
 TITLE OF AREA
 T-6 TRENCH WITH IDENTIFYING NUMBER (OR LETTER)
 - - - RECONNAISSANCE LINE

MINERAL RESOURCES DIVISION
 ACCREDITED SURVEYOR
6861
 NO.

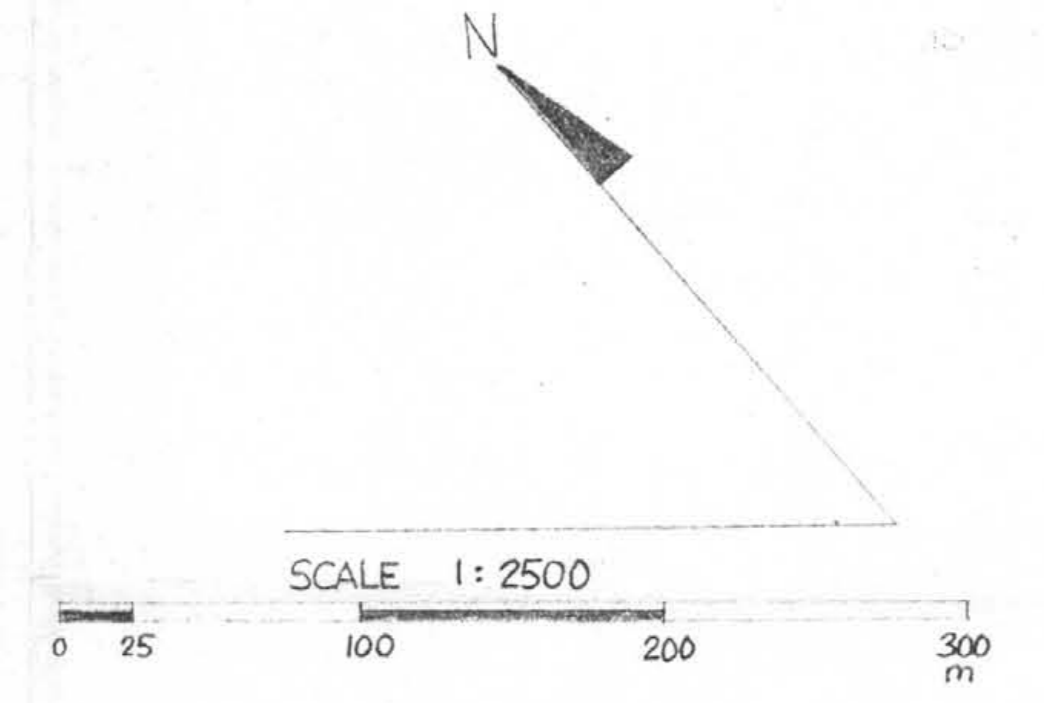
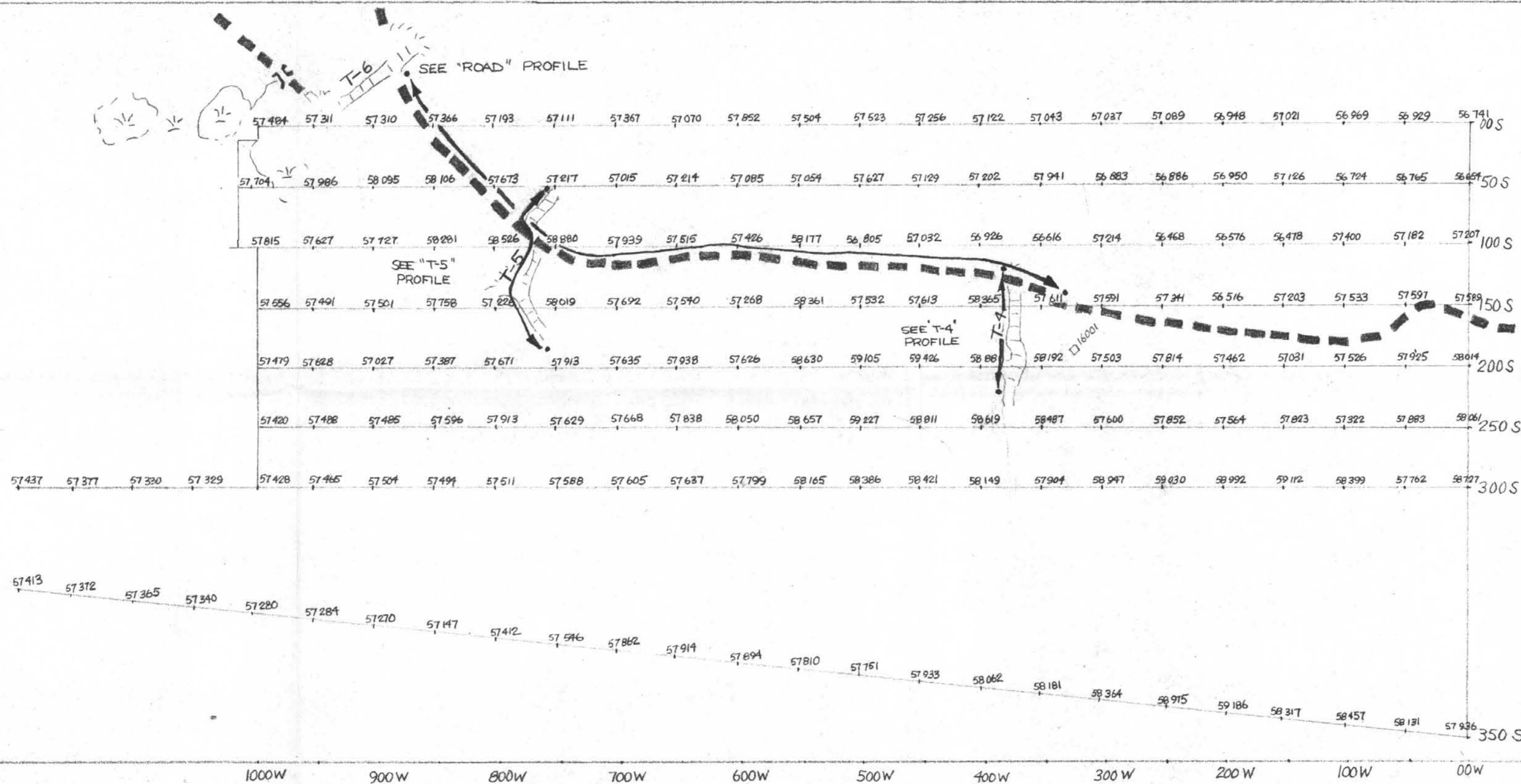


SCALE 1:2500
 0 75 100 200 300 m.

LOCK, HINGE, TOP, HAT,
 ROAD & TAILS CLAIMS
 CARIBOO MINING DIVISION, B.C.
 SEPTEMBER 1918 REPORT BY: M. TAYLOR
 OCTOBER 1918 V. RONKA
FORKS
 SOIL GEOCHEMISTRY
W. Ronka MAP NO. 2

LEGEND
 + 300S
 100W GRID CO-ORDINATES
 55 SOIL SAMPLE LOCATION AND NUMBER
 50 COPPER (Cu) VALUE IN ppm
 0.2 SILVER (Ag) " " "
 5.4 GOLD (Au) " " ppb.
 "SEE "T-4" PROFILES"
 LOCATION OF MOST INTENSE SAMPLING
 (5-10 m INTERVAL)

6861



LOCK, HINGE, TOP HAT,
ROAD & TAILS CLAIMS
CARIBOO MINING DIVISION, B.C.

SEPTEMBER 1978
DRAWN BY G. CARNEY

REPORT BY: M. TAVELA
V. RONKA

FORKS
MAGNETICS

MAP NO. 3

LEGEND

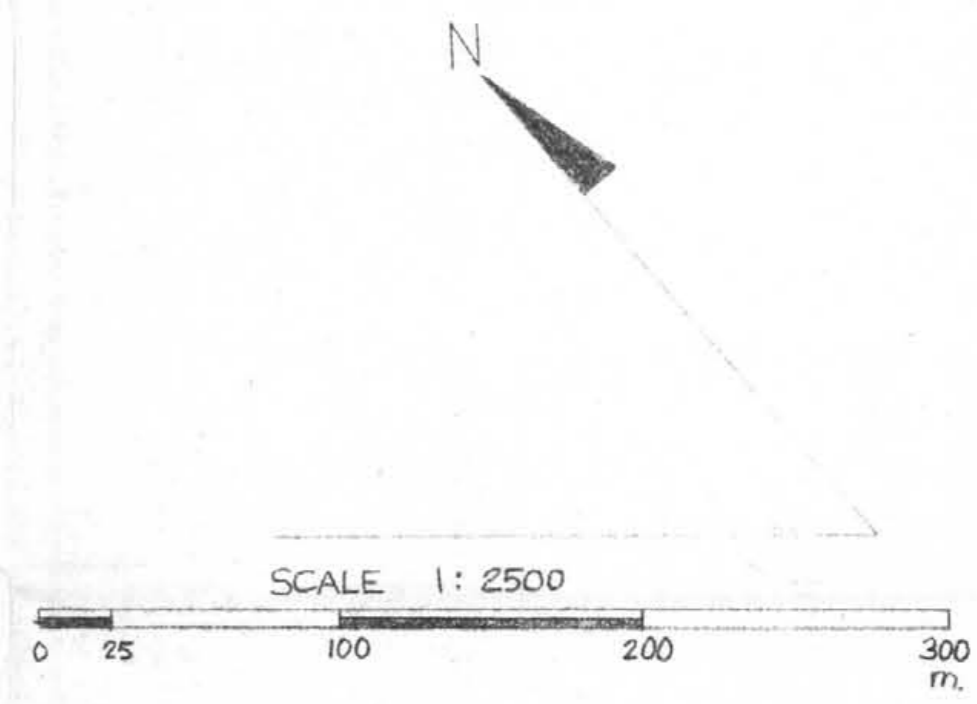
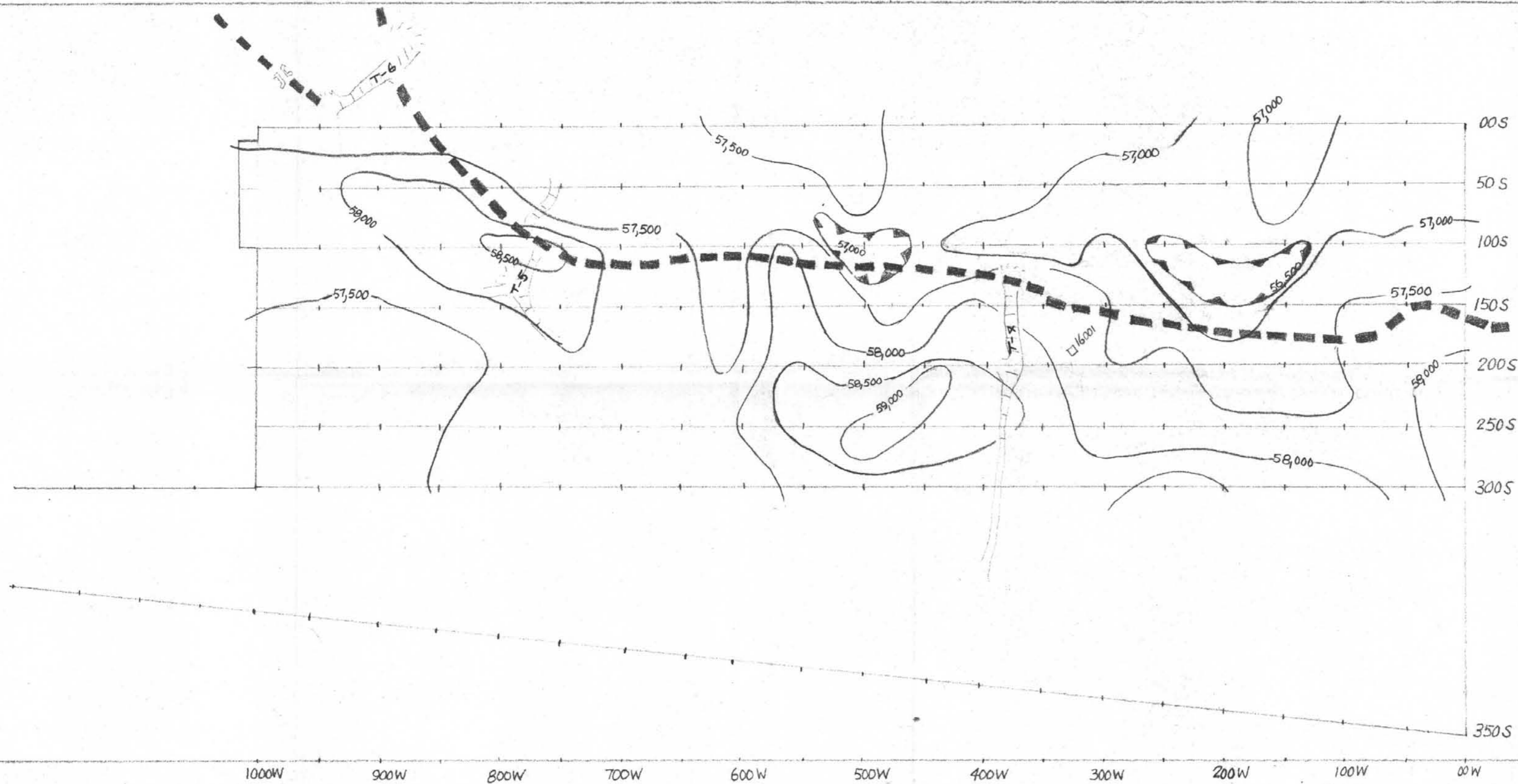
300S
100W GRID CO-ORDINATES

56516 57203 LINE WITH MAGNETIC STATIONS
READINGS MEASURE TOTAL FIELD
ABSOLUTE VALUES IN GAMMAS

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

6861
110.

LOCATION OF MORE INTENSE MEASUREMENT
(5-10m. INTERVAL)

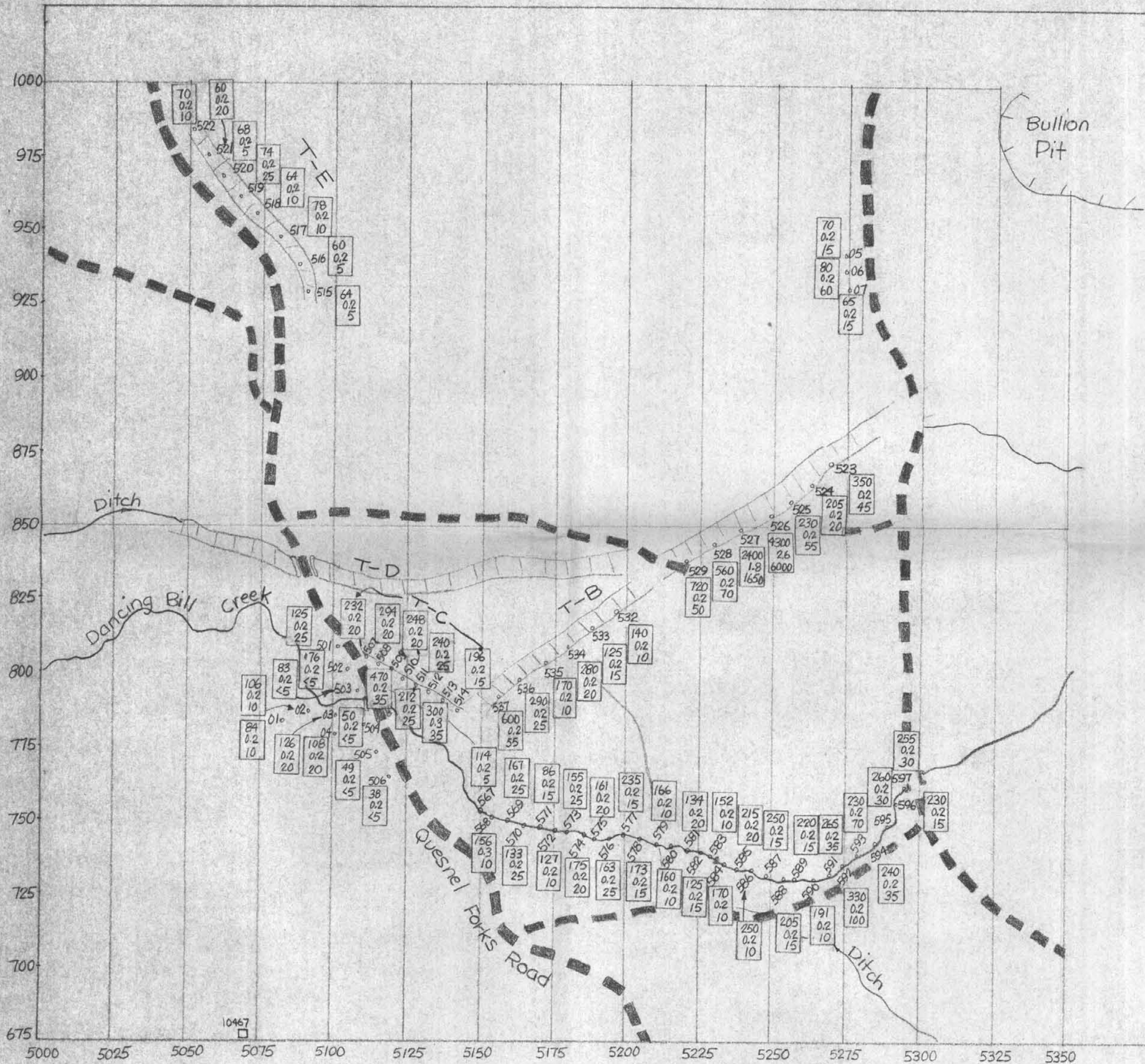


LOCK HINGE TOP, HAT, ROAD & TAILS CLAIMS
 CARIBOO MINING DIVISION, B.C.
 SEPTEMBER 1978
 DRAWN BY G. GARNY

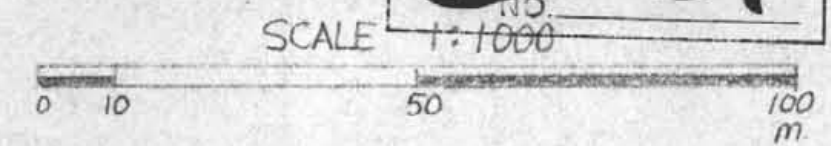
FORKS MAGNETIC CONTOURS
 REPORT BY: M. TAVELA
 V. RONKA *V. Ronka* MAP NO. 4

- LEGEND**
- GRID CO-ORDINATES
 - LINE WITH STATION LOCATIONS
 - CONTOUR LINE
500 GAMMA INTERVAL
 - MAGNETIC DEPRESSION

MINERAL SURVEY BRANCH
 REGISTRATION REPORT
6861
 NO.



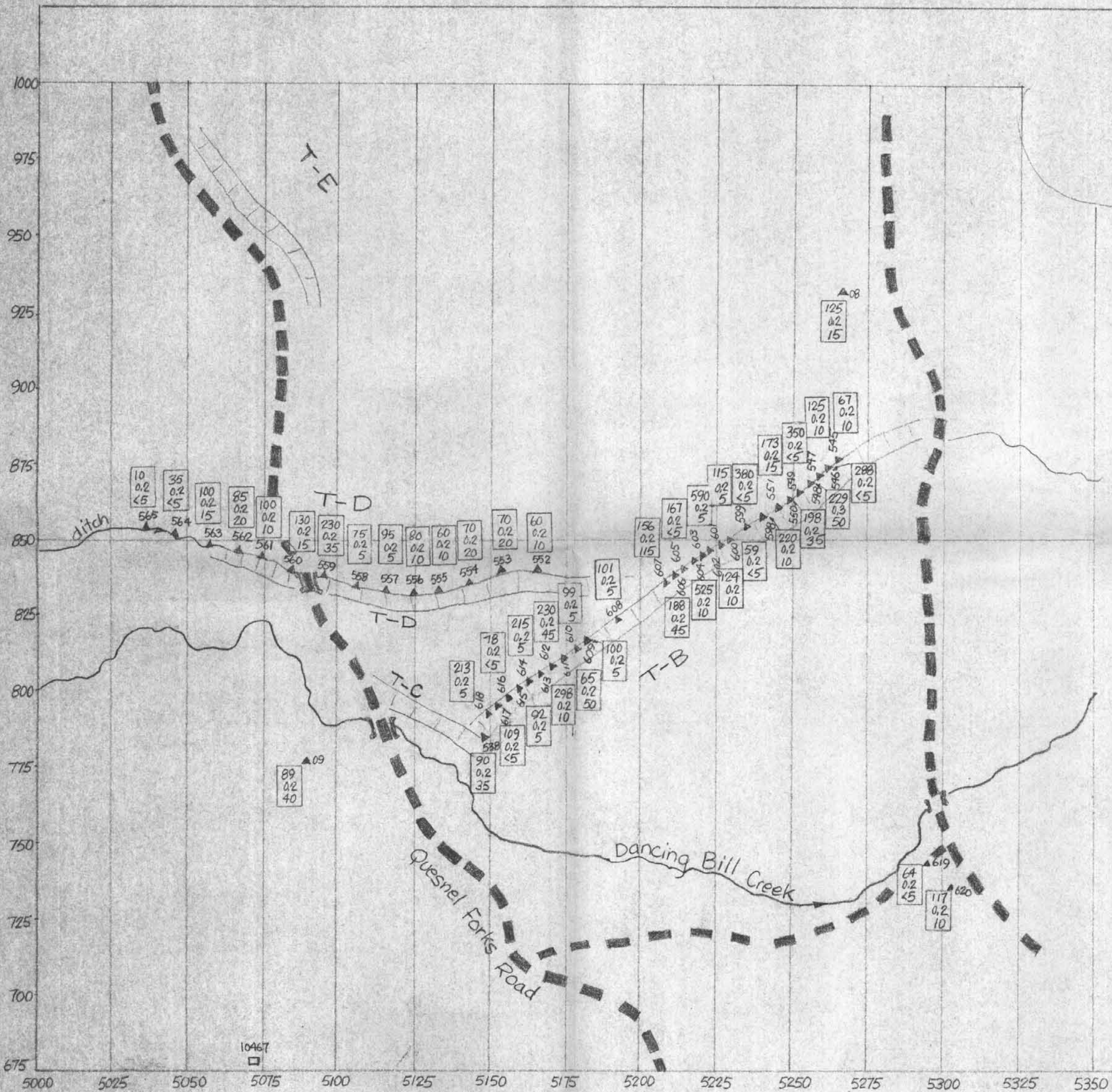
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6861
NO.



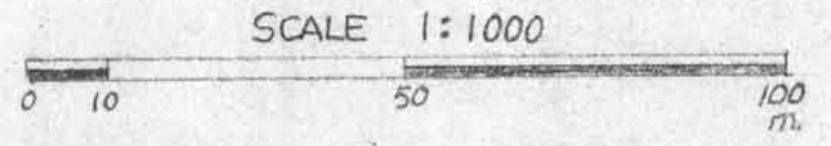
LOCK, HINGE, TOP, HAT,
ROAD & TAIL CLAIMS
CARIBOO MINING DIVISION, BC.
SEPTEMBER 1978
DRAWN BY G. CARNEY

BULLION
SOIL GEOCHEMISTRY
REPORT BY: M. TAVELA
V. RONICA *Map No 5*

- LEGEND
- GRID CO-ORDINATES
 - SOIL SAMPLE LOCATION AND NUMBER
 - 140 ← COPPER (Cu) VALUE IN ppm
 - 0.2 ← SILVER (Ag) " " "
 - 10 ← GOLD (Au) " " ppb.

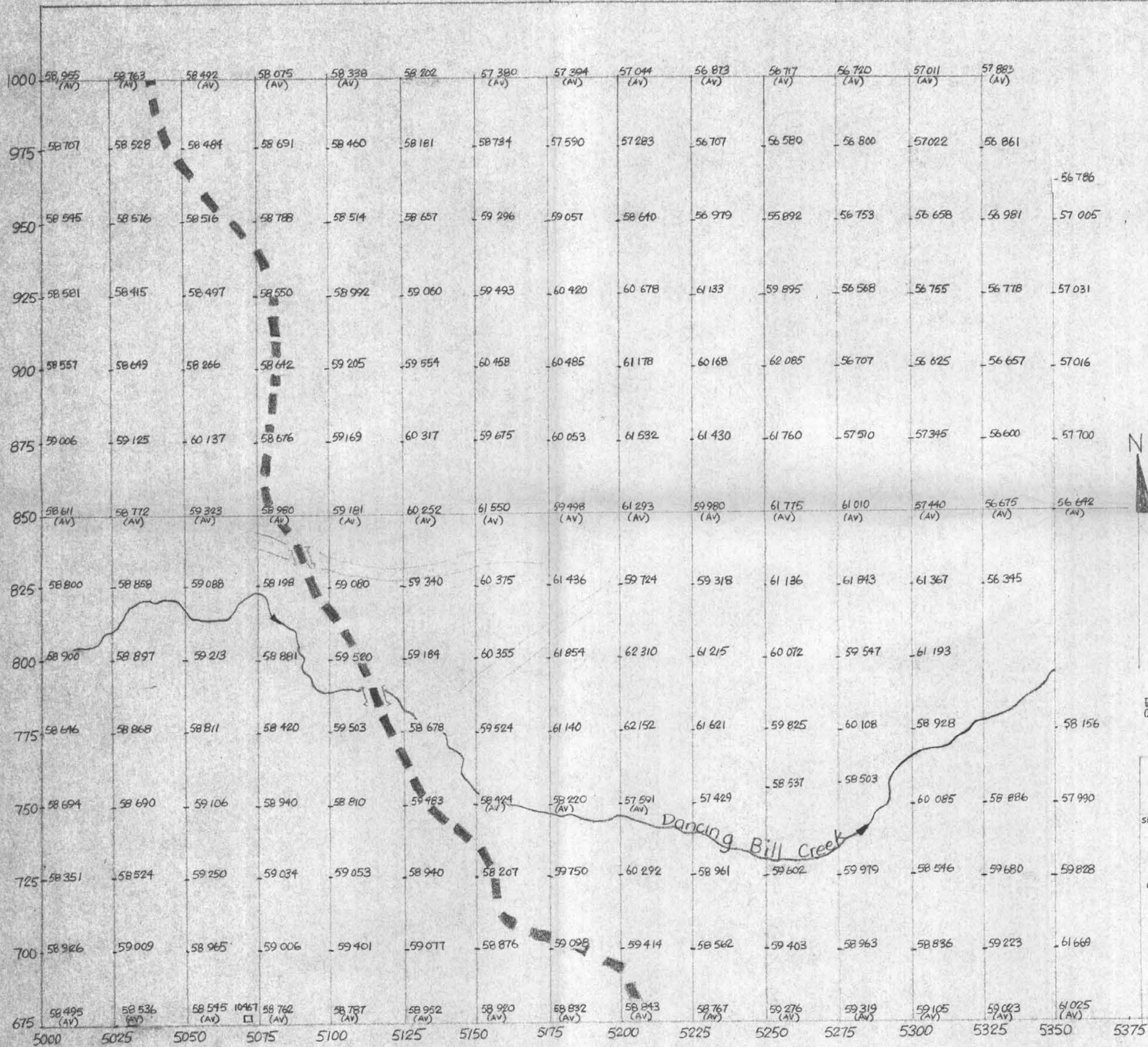


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6861
NO.

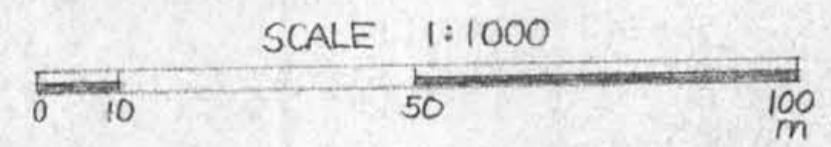


LOCK HINGE, TOP, HAT, ROAD & TAIL CLAIMS
CARIBOO MINING DIVISION, B.C.
BULLION ROCK GEOCHEMISTRY
SEPTEMBER 1978
DRAWN BY G. CARNEY
REPORT BY: M. TAVELA
V. RONKA
MAP NO. 6

- LEGEND
- 675 5025 GRID CO-ORDINATES
 - 608 ROCK SAMPLE LOCATION AND NUMBER
 - 101 0.2 5 COPPER (Cu) VALUE IN ppm
 - 0.2 5 SILVER (Ag) " " "
 - 5 GOLD (Au) " " ppb



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6861
NO.



LOCK, HINGE, TOP, HAT,
ROAD & TAIL CLAIMS
CARIBOO MINING DIVISION, B.C.

SEPTEMBER 1978
DRAWN BY G. CARNEY

REPORT BY: M. TAVELA
V. RONKA

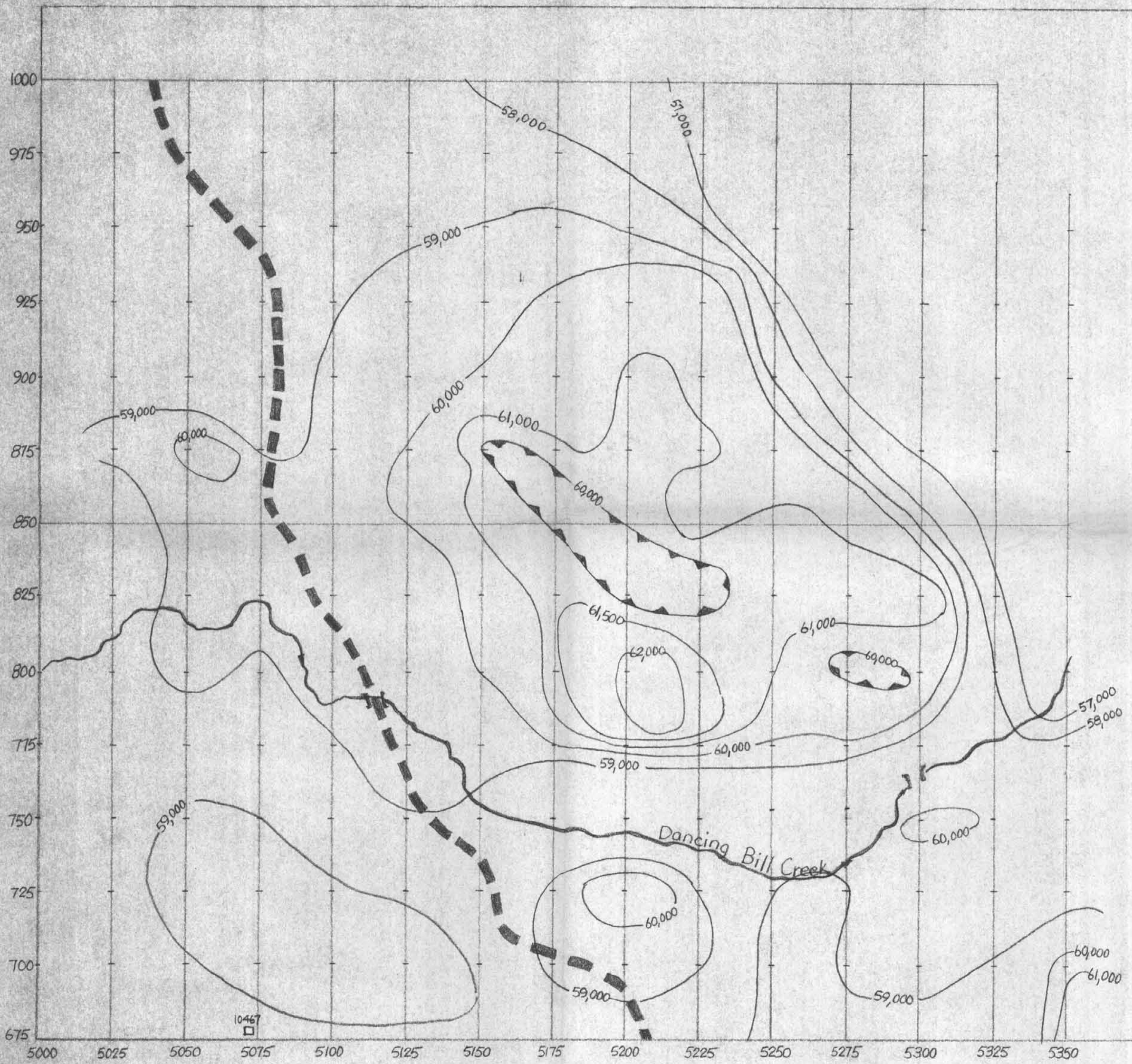
Route MAP NO. 7

**BULLION
MAGNETICS**

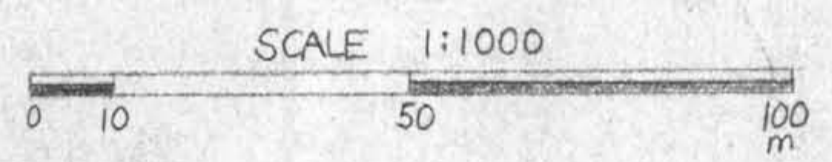
LEGEND

675 ——— GRID CO-ORDINATES
5025

— LINE WITH MAGNETIC STATIONS
59828 READINGS MEASURE TOTAL FIELD
61669 ABSOLUTE VALUES IN GAMMAS.



MINING DIVISION BRANCH
 REPORT NO. **6861**
 NO. _____



LOCK, HINGE, TOP, HAT,
 ROAD & TAIL CLAIMS
 CARIBOO MINING DIVISION, B.C.
 SEPTEMBER 1978
 DRAWN BY G. CARNEY

BULLION
 MAGNETIC CONTOURS
 REPORT BY: M. TAVELA
 V. FONKA
 MAP NO. 8

LEGEND

675 ——— GRID CO-ORDINATES
 5025

— LINE WITH STATION
 LOCATIONS

——— 60,000 CONTOUR LINE 1000 GAMMA
 INTERVAL

——— MAGNETIC DEPRESSION

MINERAL RIGHTS
 ACQUISITION REPORT
6861
 112

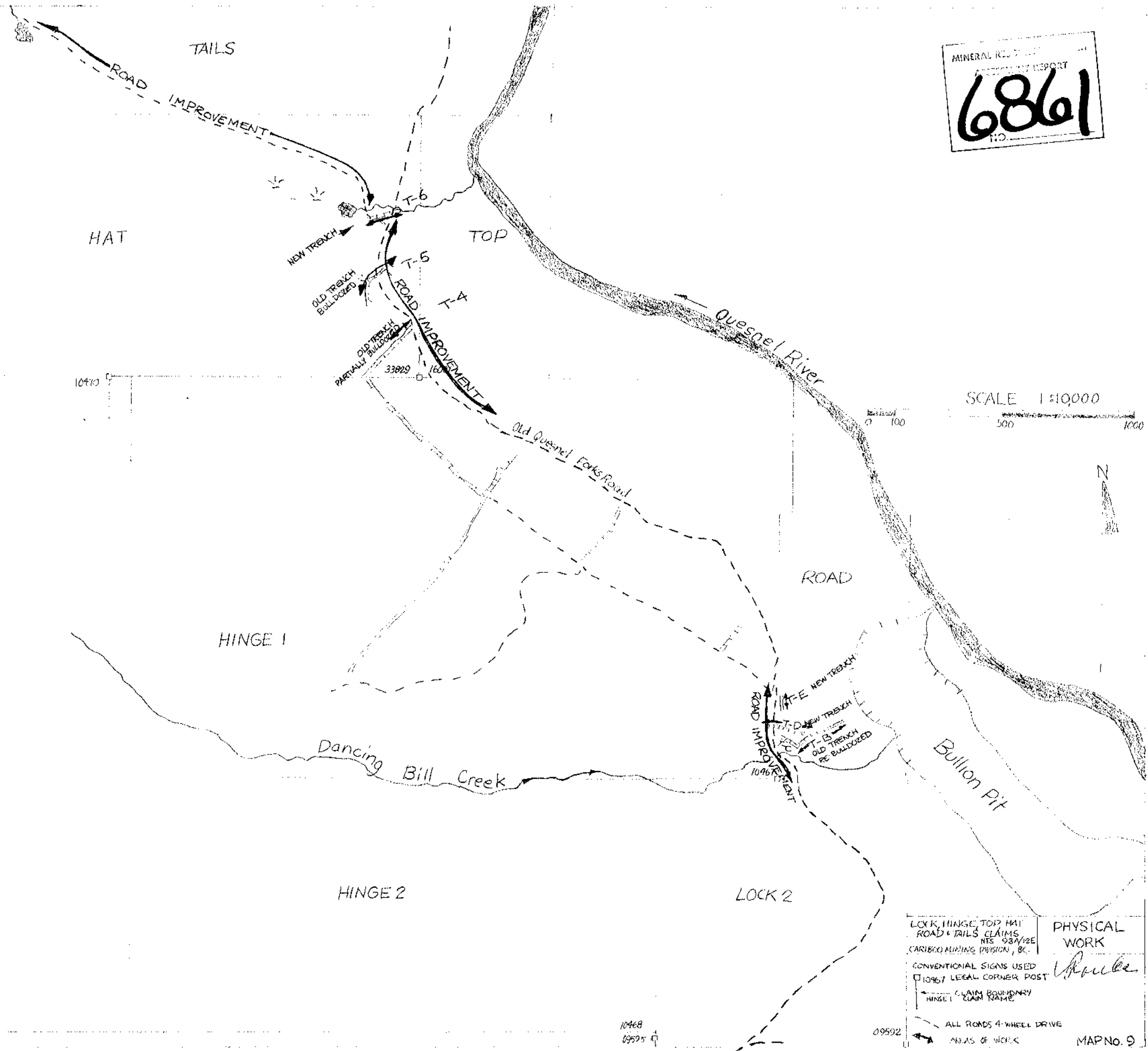
34218

10410

SCALE 1:10,000
 0 100 500 1000



CAP



LOCK, HINGE, TOP HAT
 ROAD & TAILS CLAIMS
 HTS 93A/12E
 CARIBOO MINING DIVISION, B.C.

PHYSICAL WORK
Amble

CONVENTIONAL SIGNS USED
 □ 10967 LEGAL CORNER POST
 — CLAIM BOUNDARY
 HINGE 1 CLAIM NAME

ALL ROADS 4-WHEEL DRIVE
 → AREAS OF WORK

MAP No. 9

10468
 09525

09592