86-116 ~ 15081
01/87

GEOCHEMICAL, GEOPHYSICAL,

ASSESSMENT REPORT

ON THE

RANGER 2 & 3 CLAIMS

LIARD MINING DIVISION
N.T.S. 94E/11W
BRITISH COLUMBIA

CANADA

Lat. 57°33' Long. 127°25'

OWNER

CUSAC INDUSTRIES LTD.

OPERATOR

CUSAC INDUSTRIES LTD.

WORK DONE BY

BASELINE RESOURCES LTD.

REPORT BY

TIMOTHY R. DONNELLY, B.Sc.

Table of Contents

List of Figures

FIG. 1

CUSAC INDUSTRIES LTD.

RANGER MINERAL CLAIMS

LIARD MINING DIVISION

BRITISH COLUMBIA

LOCATION MAP

0 1000 Metres 2000 3000

BASELINE RESOURCES LTD.

I Introduction

LOCATION AND ACCESS

The Ranger 2 & 3 mineral claims are in the Toodoggone gold-silver area in north-central British Columbia, approximately 310 kilometres north of Smithers, as shown on the attached Location Map marked Fig. 85-01. The claims are in the Liard Mining Division at 57° 33' North Latitude and 127° 25' West Longitude as shown on the Property Map in Fig. 85-02.

The property is between the headwaters of Adoogacho and Moyez Creeks. Elevations range from 1,500 to 1,700 metres. The topography is dominated by a rounded hilltop. The vegetation is mostly grassland. Thin overburden is fairly continuous, with outcrops occurring on hilltops and in gullies.

Access to the claims is by helicopter. A 1,600 metre gravel airstrip at Sturdee Valley, capable of accommodating Hercules aircraft, is approximately 34 km southeast of the Ranger claims, as shown on Fig. 85-03. The airstrip is approximately 80 km north of the present terminus of the Omineca Mining Access Road.

Fixed wing aircraft on floats can also use Metsantan Lake as a staging point.

PROPERTY

Cusac Industries Ltd. owns two contiguous, unpatented mineral claims comprised of 28 units and covering 700 hectares. The outline of the property and the boundaries of the mineral claims are shown on the attached Property Map marked Fig. 85-02.

A list of these claims, all located in the Liard Mining Division, is given below:

CLAIM NAME	UNITS	RECORD NO.
Ranger 2	20	3259
Ranger 3	8	3260

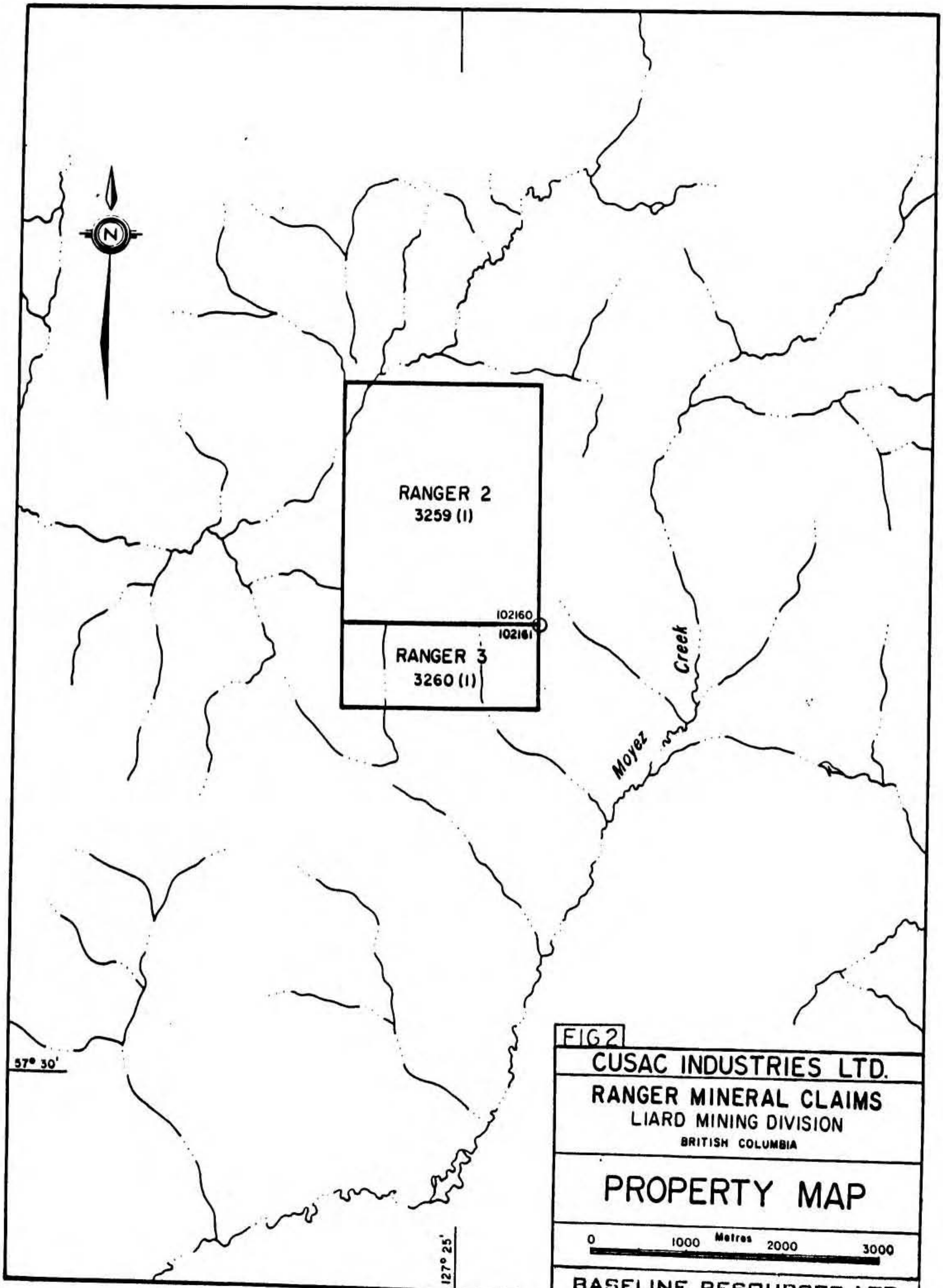


FIG 2

CUSAC INDUSTRIES LTD.

RANGER MINERAL CLAIMS
LIARD MINING DIVISION
BRITISH COLUMBIA

PROPERTY MAP

0 1000 Metres 2000 3000

BASELINE RESOURCES LTD.

The information contained in the History and Regional Geology sections was compiled by W.G. Stevenson and Associates Ltd. The information in the Property Geology section is a combination of information compiled by them and information from work done during the summer of 1985.

HISTORY

Placer gold was first found and mined in the Toodoggone River area near the junction of McClair Creek and Toodoggone River by Charles McClair in 1925. Placer mining was continued on a larger scale during the 1930's. In the 1930's Cominco found and explored several lead-zinc occurrences: near the head of Thutade Lake, and 1,500 metres southwest of the Chappelle (Baker Mine) gold-silver deposit.

Mineral exploration in the area was relatively quiet until the late 1960's when numerous companies began searching for large tonnage porphyry copper and molybdenum on the Chappelle property. Subsequent exploration during 1969-1974 by Kennco resulted in the discovery of most of the gold and silver occurrences on what are now the Baker and Lawyers properties. Other gold and silver occurrences were found by other mining companies working the district at the same time.

In 1974, DuPont of Canada optioned the Chappelle claims from Kennco, and in March 1980, placed the Baker Mine into production at a rate of 100 tons per day. After producing 85,000 tons the mine closed in 1982 due to the exhaustion of the known ore reserves.

In 1979, Serem Inc. optioned the Lawyers gold-silver prospect, and has continued both surface and underground exploration since then. Kidd Creek Mines Ltd. explored the AL claims, 7km south of the Cusac property, for several years and made a number of discoveries. These claims are now held by Energex. Other exploration companies active in the area in recent years include Newmont, St. Joe, DuPont, Anaconda and Lacana.

The Todoggone River area was one of the last regions of British Columbia to be geologically mapped and studied by either the Geological Survey of Canada or the B.C. Department of Mines. The Todoggone volcanics has not been recognized as a separate formation at the time of Kennco's gold discovery in 1969. The only regional geological map of the district is a comparatively recent (1977) 1:125,000 scale Open File (No. 483) map by the officers of the Geological Survey of Canada. Eisbacher of the GSC had been in the area between 1969-1971, but was mainly concerned with the Sustut sediments to the west (GSC Paper 70-68). Carter of the B.C. Department of Mines began mapping in 1971, and Schroeter has continued that work from 1974 to the present.

The B.C. Ministry of Energy, Mines and Petroleum Resources plans to publish a comprehensive 1:50,000 scale geological map of the area of present interest in 1985. This will incorporate all geological mapping to date, and locate all known mineral occurrences, structures, gossans and alteration zones.

There is no record of previous exploration on the Ranger 2 and 3 claims.

The Ranger property was staked in 1985 to explore an area that appeared favourable relative to a major regional fault that passes through the property,as shown on Fig. 85-03. and relative to the adjacent Energex property on which several promising gold discoveries have been made in recent years. Cusac Industries Ltd. subsequently acquired an option on the property.

GEOLOGY

The descriptions in Regional Geology and in Local Geology are based on recent geological mapping by the Geological Survey of Canada and the B.C. Ministry of Energy, Mines and Petroleum Resources which are published in G.S.C. Open File 483 and in the Ministry of Energy, Mines and Petroleum Resources publications, on Assessment Reports by various companies, and on our own observations. The regional geology is shown on the attachment marked Fig. 85-03. The local geology in the property area is shown on the attachment marked Fig. 85-04.

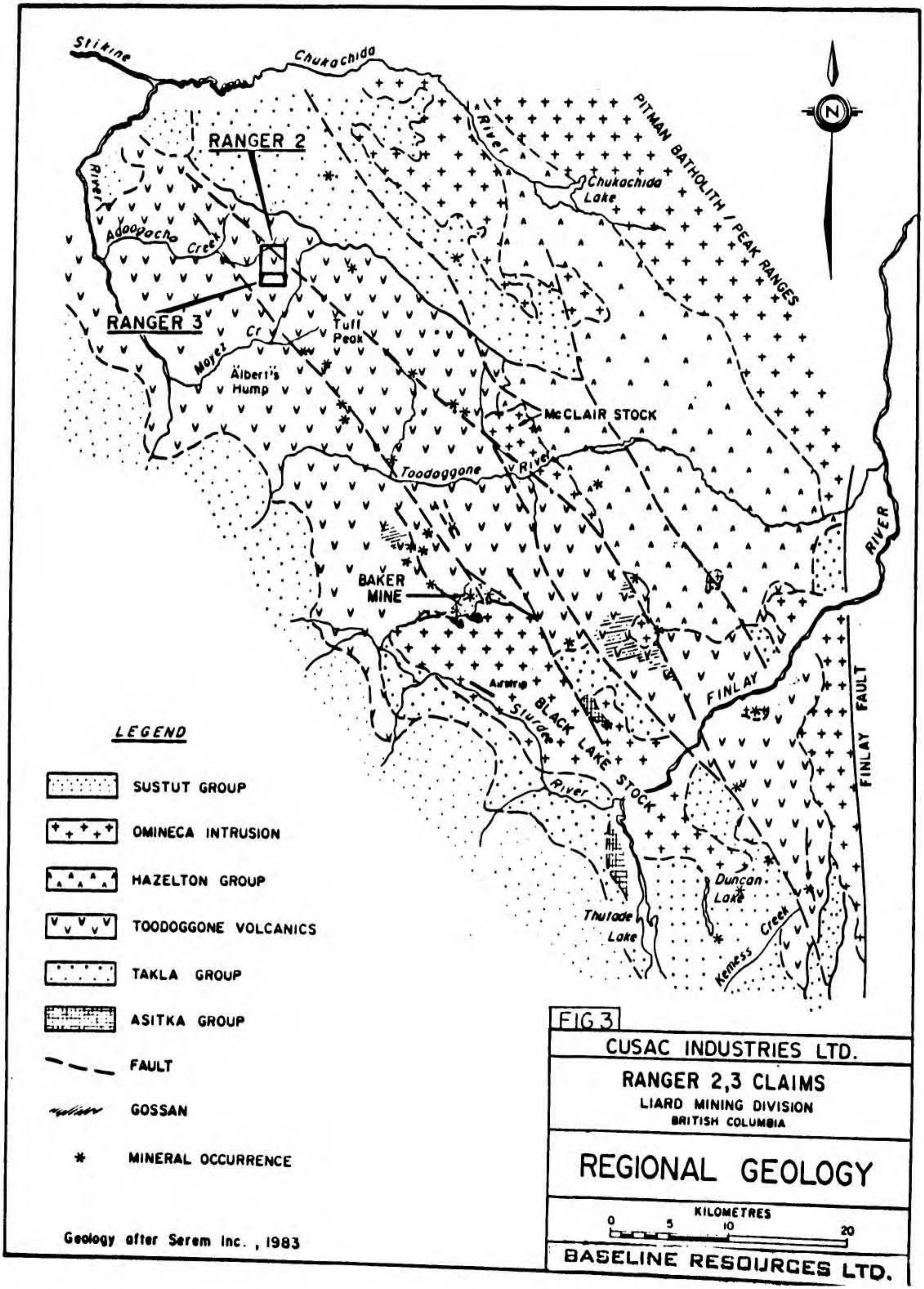
REGIONAL GEOLOGY

The Toodoggone River district lies within the eastern margin of the Intermontaine Belt. It is on the Spatsizi Plateau, an open, gently rolling upland surface dissected by wide valleys. Treeline extends to about 1,400 m elevation, with tree cover being confined mainly to some of the major valleys. Outcrops are generally confined to steeper portions of ridges and to banks of creeks in deeply incised valleys.

The Toodoggone River district is underlain by volcanic rocks of the Takla Group of Upper Triassic age, which are intruded by granitic stocks of the Omineca Intrusions, and overlain by Jurassic and younger volcanic and sedimentary rocks.

The Takla Group rocks are mainly andesitic flows and pyroclastic rocks including augite porphyries and crystal and lapilli tuffs. Associated with the Takla rocks are fault block wedges of white crystalline limestone, up to 150 metres thick, belonging to the Asitka Group which is of Permian age. The Omineca Intrusions, of Jurassic and Cretaceous age, include medium-grained, equigranular pink to grey quartz monzonite and granodiorite. Some syenomonzonite bodies and quartz feldspar porphyry dykes may be feeders to the Toodoggone volcanic rocks which unconformably overlie the Takla Group.

The Toodoggone volcanics are a Jurassic, subaerial, intermediate, calcalkaline to alkaline, predominantly pyroclastic assemblage. This assemblage forms a northwesterly-trending belt 100 km long by 25 km wide, preserved between the Hazelton Group to the east, and the Sustut Group to the west.


Stikine
Chukachida
PITMAN BATHOLITH / PEAK RANGES
River
Chukachida Lake
RANGER 2
RANGER 3
Adoogacho Creek
River
Moyez Cr
Tuff Peak
Albert's Hump
McCLAIR STOCK
Toodoggone River
BAKER MINE
Airstrip
Sturdee River
BLACK LAKE STOCK
FINLAY
RIVER
FINLAY FAULT
Duncan Lake
Thutade Lake
Kemess Creek
LEGEND
SUSTUT GROUP
OMINECA INTRUSION
HAZELTON GROUP
TOODOGGONE VOLCANICS
TAKLA GROUP
ASITKA GROUP
FAULT
GOSSAN
MINERAL OCCURRENCE
Geology after Serem Inc., 1983
FIG 3
CUSAC INDUSTRIES LTD.
RANGER 2,3 CLAIMS
LIARD MINING DIVISION
BRITISH COLUMBIA
REGIONAL GEOLOGY
KILOMETRES
0
5
10
20
BASELINE RESOURCES LTD.

To the west, flat-lying to gently west-dipping Upper Cretaceous to Tertiary pebble conglomerates and sandstones of the Tango Creek Formation of the Sustut Group unconformably overlie Takla Group and Toodoggone volcanic rocks.

The Toodoggone volcanics dip gently to the west. The most obvious and probably most important structures in the area are long northwesterly-trending fault systems (e.g., McClair System). Associated with these larger faults are abundant smaller splays. Northerly-trending faults and block faults are also common.

PROPERTY GEOLOGY

The Ranger 2 and 3 claims cover a low rounded hill between Moyez Creek and the east fork of Adoogacho Creek. Relief in the area is gentle to moderate with elevations between 1300 to 1500 m.

Most of the property is underlain by feldspar crystal-lapilli tuff with the feldspar crystal content varying from 20% to 85%. At the highest elevation on the hill, the crystal-lapilli tuff is overlain by a bed of plagioclase-amphibole andesite.

Regional mapping indicated that there are two small stocks to the west of the property. One is a pyroxene basalt and the other a medium grained diorite.

Regional mapping indicate that the claims are cut by a major northwest-trending fault. Local mapping shows this major fault immediately west of the property and the VLF-EM survey done in 1985 indicated numerous minor faults occur on the property.

Only minor very weak argillic alteration was seen in one outcrop. All other outcrop was fresh and unaltered.

MINERALIZATION

Epithermal gold-silver mineralization has been found at several locations in the Toodoggone River area. At the Baker Mine, production was 85,000 tons with a recovered grade of 0.45 oz. gold and 8.67 oz. silver per ton. At the Lawyers property, total reserves are reported to exceed 1,000,000 tons containing 0.21 oz. gold and 7.1 oz. silver per ton. Kidd Creek Mines discovered six structurally controlled, gold mineralized alteration zones on the Energex property, approximately seven kilometres south of the Rager claims.

Newmont has discovered three northwest-trending zones of silver and gold mineralization on its Golden Lion property which is six kilometres east of the Ranger claims. Newmont is also exploring on the Moyez claims which adjoin the south boundary of the Ranger claims.

No mineralization is presently known to occur on the Ranger group of claims, but the tectonic environment is favourable for the development of structural features that are conducive to the emplacement of mineralization.

Outcrop appears to be adequate for geological mapping and prospecting.

WORK SUMMARY

Between June 28 and July 28, an exploration program consisting of geochemistry, geophysics and geological mapping was carried out for Cusac Industries Ltd. by Baseline Resources Ltd., a Vancouver based consulting firm. This program consisted of:

1) Grid establishment and Soil Geochemistry Survey - Twenty-five (25) man-days were spent on establishing a grid consisting of a 2km baseline and 38.5km of N - S grid lines spaced 200 m apart.

Sampling was done at 50 m intervals and 756 soil samples and 9 stream sediment samples were taken.

2) Magnetometer Survey -

Using the soil geochem grid for control, five (5) man-days were spent doing a magnetometer survey on 40.5km of grid including the 2km baseline.

3) VLF-EM Survey -

Using the same grid, five (5) man-days were spent doing a VLF-EM survey on 38.5km of grid.

4) Mapping and Prospecting -

Four (4) man-days were spent doing combined geological mapping and prospecting on the property. None of the rock samples taken were sent for analysis.

II <u>Soil Geochemistry Survey</u>

Between July 16 and July 28 twenty-five (25) man-days were spent establishing a grid, using compass and hipchain, with lines spaced at 200 m and 50 m sample spacings and doing a soil geochemistry survey. This grid consists of a 2km baseline and 38.5km of N - S grid lines.

All soil samples were taken in the B or C horizon at depths about 25 - 30 cm, as close to bed-rock as possible. All samples were sent to Acme Analytical Labs. Ltd. in Vancouver to be analyzed for Au, Ag, Cu, Pb, and Zn. Samples were seived to 80 mesh before analysis. Analysis for Ag, Cu, Pb and Zn were done by digestion of 0.500 g sample in 3 ml HNO_3-HCl-H_2O at $90^{o}C$ for 1 hour. This was then diluted to 10 ml solution and final analysis done by the ICP (induction coupled plasma) method. Analysis for Au was done by digestion of sample in hot aqua regia with analysis by atomic absorption. All analysis results are listed in Appendix A. Sample locations are plotted on Fig. 85-05.

Analysis results are plotted as follows:

Element	Map	
Au	Fig. 85-06	(in pocket)
Ag	Fig. 85-07	" "
Cu	Fig. 85-10	" "
Pb	Fig. 85-09	" "
Zn	Fig. 85-08	" "

RESULTS

Threshold values were established by setting the threshold for anomalous values at mean + 1 (standard deviation) and the threshold for highly anomalous values at mean + 2 (standard deviation). This gives the following ranges:

Element	Anomalous	Highly Anomalous
Au		n >15ppb
Ag	0.5 - 0.6ppm	n > 0.7ppm
Cu	32 - 44ppm	n >45ppm
Pb	15 - 17ppm	n >18ppm
Zn	85 - 95ppm	n >100ppm

Sample values, plotted in plan view as previously listed were contoured according to these ranges.

Two Zn - Cu anomalies occur on the Ranger property:

The first occurs in the northwest corner of Ranger 2, straddling Adoogacho Creek. It extends approximately from 1600 N to 2000 N on lines L 12 to L 20 (Fig. 85-08+10).

The second Zn - Cu anomaly occurs in the southwest corner of the Ranger 3 claim, extending from 1200 S to 1500 S on line L 20 W for Zn and from about 1000 S to 1300 S on L 14 W to L 20 W for Cu (Fig. 85-08+10).

Several individual anomalous Au values occur in a loosely scattered group near the east end of the base line on Ranger 2 (Fig. 85-06). This area is underlain by porphyritic plagiocase-hornblende andesite. In the outcrop which occurs at base line OBL and about L 4 W numerous small (1mm) calcite and qtz. calcite veinlets were seen and it is possible these anomalous Au values indicate soil and drift covered larger veins.

III VLF-EM Survey

Between June 28 and July 28 five (5) man-days were spent doing a VLF-EM survey on the Ranger property using the soil geochemistry grid as a control grid. The instrument used for this survey was supplied by Sabre Instruments Ltd. In total, this survey conered 38.5 km of grid with stations located every 50 m. The station used was Anapolis, Md. and all dip angle readings were taken facing east to the transmitting station.

Dip angle data was plotted in profile form on Fig. 85-11. The Frazer filter method was applied to the raw data and the filtered data was plotted in plan view on Fig. 85-12.

RESULTS

The rocks under lying this property are heavily faulted, as evidenced by the fact that the VLF-EM data shows two sets of faults which act as conductors, and air photo interpretaion shows other structures which do not act as conductors.

The VLF-EM data shows two fault sets, one striking northwest and the other west northwest, which act as conductors. These small faults are discontinuous along strike, rarely exceeding 300 m, and averaging about 200 m. Which of these two sets acts as a conductor in a particular area of the property appears to be controlled mainly by an east-west trending set of structures which are visible on air photos but which do not act as VLF conductors.

In addition, two single structures on the south-west portion of the property which show on air photos and display a conductive VLF response. One strikes at 320° and is continuous from 700 N on L 20 W to 350 S on L 12 W. The other strikes at 15° and is continuous from the south edge of the property between L 16 W and L 18 W to 400 S on L 14 W. Other structures parallel to these are visible on the air photos but do not show a conductive response.

IV Magnetometer Survey

Five (5) man-days were spent conducting a magnetometer survey on 40.5 km of grid including 2 km baseline using the geochemistry grid as a control grid. The instrument used was a Scintrex MP-2 proton precession-type magnetometer. The magnetic field was measured in gammas. The raw data was corrected for diurnal variation by

i) establishing a "base" station at a specific location at the edge of the grid, and taking readings there in the morming and evening.

ii) in addition, adjacent lines on the grid were done as closed loops taking approximately one hour for each loop. This method corrects for short time duration variations during the day.

This corrected data was then plotted for analysis on profiles (Fig. 85-14) and in plan view (Fig. 85-13).

MAGNETOMETER SURVEY RESULTS

The most interesting feature of the magnetic survey results occurs in the southwest corner of the property. A linear trend of magnetic highs striking N W extends from 3 + 50S on line 20 W to 12 + 00S on line 12 W. Parallel to this is a linear magnetic low which runs from about 12 + 00S on line 20 W to 15 + 00S on line 18 W. The reading then abruptly rise again in the extreme south west corner of the property to approximately the same level as the previously mentioned linear high trend. The variation between the mag highs and the linear mag low between them is about 1200 - 1300 gammas. This is very similar to the mag pattern exhibited by the mineralized zones on Energex's AL claims 7 km to the south east. The magnetic lows associated with these zones is due to lack of any metallic minerals in the argillic alteration zones which flank the Au - rich silicified zone in the centre. The mineralized zones on the AL claims also exhibit flanking magnetic highs due to zones of metallic sulphides adjacent to the outer edge of the argillic zone.

The three discrete magnetic highs which constitute the N W striking trend described in paragraph one are coincident with subsurface conductors delineated by the VLF-EM survey. Likewise, the magnetic high at 14 + 00S to 15 + 00S on line 20 W is also coincident with a VLF-EM conductor (Fig. 85-12).

Additionally, both Cu and Zn geochemical anomalies occur in this area of the claim (Fig. 85-8+10) coincident with the mag low.

A second magnetic high of significant amplitude which is coincident with a VLF-EM conductor extends from 12 + 00S on line 4 W to 14 +00S on line 0 W. No geochemical anomalies are associated with this Mag - VLF anomaly.

A number of other very low amplitude (100 - 200 gammas) occur on the property, often associated with weak VLF-EM conductors, but none are considered significant as targets for further exploration.

RECOMMENDATIONS FOR FURTHER WORK

In order to more clearly define and evaluate the potential of this zone for precious metal mineralization the following work program is recommended:

1.) Geological Mapping

The entire area from Line 0W to Line 20W from 3+00S to 15+00S should be mapped very carefully with special attention to silicification and alteration patterns, especially argillic alteration.

2.) Supplemental Mag and VLF-EM

In order to more clearly define the limits of the zone additional grid lines should be established in between the present lines. They should be spaced every 50 m. and have stations 25 m. apart. The previous grid lines should also have the station frequency increased to 25 m. This additional grid should be done from 3+00S to 15+00S from Line 0W to 20W. Magnetometer and VLF-EM surveys should be carried out on this grid.

3.) Soil Geochemistry

In addition, soil samples should be taken on this supplemental grid and analyzed for Au, Ag, Cu, and Zn.

4.) Trenching

Once this supplemental geophysics has more precisely defined the location of this zone, trenches should be dug, with a cat or backhoe if one is available at a reasonable cost. These trenches should be dug deep enough to provide rock samples of unweathered rock from the mineralized zone.

CONCLUSIONS

The geophysics and geochemical data indicate the presence of a significant mineralized zone running SE from 5+00S on Line 20W to 12+00S on Line 12W. It is then displaced on a fault about 200 m. to the NW. The zone then runs SE from 9 and 50S on Line 6W to 14 and 00S on Line 0W. The data shows a fairly strong magnetic anomaly flanked on its southern side by coincident VLF conductors and a weak Zn - Cu geochemical anomaly. This zone definitely warrants further work.

Author's Statement of Qualifications

Timothy R. Donnelly

1) I am a qualified geologist, graduate of the University of Alberta with a Honours Bachelor of Science degree in 1982.

2) I have practiced as a geologist in Canada since 1982 as detailed in the attached resume:

Tim Donnelly

TIMOTHY R. DONNELLY
#269 - 1755 Robson Street
Vancouver, B.C., V6G 1C9

Work Experience

May - December 1984 Suncor Inc., Calgary

- Party Chief, 3-man crew
- Northwestern B.C.
- Precious metals (Au, Ag)

May - September 1983 Trigg-Woollett Consultants Ltd., Edmonton

- Geologist, minor supervising duties
- Lupin Mine, Contwoy to Lake, N.W.T.
- Au in Iron Formations

May - September 1982 Mattagami Lake Exploration, Edmonton

- Party Chief, 5-man crew
- Northwestern B.C.
- Base and precious metals

May - August 1981 Mattagami Lake Exploration, Edmonton
May - August 1980 Mattagami Lake Exploration, Edmonton
May - August 1979 Mattagami Lake Exploration, Edmonton

- Summer work during university
- Northwestern and central B.C. and Yukon
- Uranium and base metals

Education

1982 Bachelor of Science (Hons) - Geology
University of Alberta
Edmonton, Alberta

Paper Presented

1983 Petrology of the Thanksgiving Deposit, Revelstoke, B.C.
G.A.C. Annual Meeting, Victoria, B.C.

V Statement Of Costs

Baseline Establishment, 2 km. @ $300/km.	$600.00
Grid Establishment, 38.5 km. @ $100/km.	$3,850.00
Geochemical Survey, 764 samples @ $6.00/sample	$4,584.00
Magnetomerter Survey, 40.5 km. @ $60/km.	$2,430.00
VLF-EM Survey, 38.5 km. @ $60/km.	$2,310.00
Mapping & Prospecting, 4 man days	$800.00
Total	$14,574.00

Disbursments

Equipment Rentals:
Sabre #27 VLF-EM
Scintrex Magnetometer
100 watt HF radio & SBX-11 radio
Propane fridge
Honda generator

Other:
Expediting

Apportionment of shared cost	$2,468.00

Truck Rental

Ford 4 x 4
Ford 1/2 ton flatdeck

June 15, 1985 to August 15, 1985	$2,000.00

Mobilization

Smithers to/from Sturdee	$9,549.98
Air Fares, Vancouver to/from Smithers	$1,365.00
Labor en route (Vancouver to/from Smithers)	$2,130.00
Gas, food, accomodation, expenses (6 Men, 2 trucks Van. to Smithers 3 men, 2 trucks Smithers to Van)	$1,748.02
	$14,793.02
Cusac's apportionment, 1/3	$4,931.00
Helecopter to/from Sturdee	$6,952.50
Total Mob.	$11,883.50

Analysis

756 soils @ $8.90		$6,728.40
9 stream seds @ $8.90		$80.10
Transportation		$206.25
	Total	$7,014.75
Report Preparation		$2,218.32
	Total	$40,158.57

Ranger

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: AUG 3 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Aug 13/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ....DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

CUSAC INDUSTRIES FILE # 85-1720 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-436	10	6	45	.4	4
P6-JS-437	13	13	70	.3	3
P6-JS-438	13	9	55	.4	10
P6-JS-439	9	3	47	.2	2
P6-JS-440	18	6	64	.1	2
P6-JS-441	8	5	45	.1	1
P6-JS-442	9	8	51	.1	1
P6-JS-443	9	5	42	.4	1
P6-JS-444	7	8	46	.1	1
P6-JS-445	6	7	35	.1	2
P6-JS-446	16	6	56	.1	1
P6-JS-447	13	8	48	.4	1
P6-JS-448	13	4	68	.1	2
P6-JS-449	6	4	26	.1	1
P6-JS-450	9	5	56	.3	2
P6-JS-451	8	10	47	.2	1
P6-JS-452	8	7	38	.2	1
P6-JS-453	10	10	75	.1	2
P6-JS-454	13	6	63	.2	1
P6-JS-455	9	10	56	.1	1
P6-JS-456	9	11	65	.1	1
P6-JS-457	9	7	63	.1	1
P6-JS-458	10	10	74	.5	2
P6-JS-459	7	10	47	.1	1
P6-JS-460	10	13	76	.1	1
P6-JS-461	7	10	40	.1	1
P6-JS-462	6	11	57	.1	2
P6-JS-463	8	8	57	.1	2
P6-JS-464	8	8	40	.1	2
P6-JS-465	9	8	49	.1	1
P6-JS-466	9	5	53	.1	1
P6-JS-467	8	6	59	.1	1
P6-JS-468	7	9	34	.2	2
P6-JS-469	8	12	49	.1	1
P6-JS-470	9	8	64	.1	3
P6-JS-471	8	6	50	.1	1
STD C/AU 0.5	59	41	138	6.8	480

Ag

36

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-472	11	14	77	.5	3
P6-JS-473	19	11	71	.7	12
P6-JS-474	10	7	70	.6	2
P6-JS-475	10	9	78	.6	1
P6-JS-476	10	13	56	.4	3
P6-JS-477	21	11	73	.5	2
P6-JS-478	14	10	72	.4	3
P6-JS-479	12	9	55	.4	1
P6-JS-480	13	13	72	.5	2
P6-JS-481	30	7	89	.5	2
P6-JS-482	26	7	61	.5	2
P6-JS-483	16	6	70	.9	2
P6-JS-484	17	7	66	.2	2
P6-JS-485	11	10	54	.7	2
P6-JS-486	14	9	89	.3	1
P6-JS-487	16	14	89	.4	9
P6-JS-488	9	14	73	.5	2
P6-JS-489	7	14	65	.2	3
P6-JS-490	20	17	99	.3	4
P6-JS-491	9	9	57	.3	2
P6-JS-492	10	9	65	.4	1
P6-JS-493	15	9	54	.4	3
P6-JS-494	14	17	61	.3	3
P6-JS-495	17	9	70	.2	5
P6-JS-496	15	14	75	.2	3
P6-JS-497	12	10	77	.1	1
P6-JS-498	13	16	64	.3	1
P6-JS-499	49	12	89	.2	3
P6-JS-500	8	10	44	.3	2
P6-JS-501	11	11	55	.3	2
P6-JS-502	8	13	47	.3	3
P6-JS-503	10	12	68	.7	10
P6-JS-504	10	12	61	.6	2
P6-JS-505	13	16	85	.3	2
P6-JS-506	10	17	60	.5	2
P6-JS-507	12	16	69	.1	4
STD C/AU-0.5	59	41	136	6.9	500

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-508	16	15	105	.1	2
P6-JS-509	36	20	105	.2	3
P6-JS-510	20	12	144	.4	2
P6-JS-511	18	19	119	.1	1
P6-JS-512	10	11	60	.3	2
P6-JS-513	10	15	56	.1	1
P6-JS-514	10	16	67	.1	2
P6-JS-515	10	12	56	.1	2
P6-JS-516	11	16	55	.2	2
P6-JS-517	13	12	53	.1	2
P6-JS-518	13	14	82	.1	2
P6-JS-519	12	12	78	.2	2
P6-JS-520	12	19	85	.1	2
P6-JS-521	11	9	66	.1	2
P6-JS-522	12	11	85	.1	2
P6-JS-523	10	12	66	.1	1
P6-JS-524	12	14	66	.2	2
P6-JS-525	11	12	84	.1	1
P6-JS-526	12	6	67	.1	2
P6-JS-527	11	16	69	.1	3
P6-JS-528	13	17	75	.1	3
P6-JS-529	21	13	83	.1	1
P6-JS-530	11	17	66	.1	3
P6-JS-531	11	11	62	.1	2
P6-JS-532	11	10	74	.1	1
P6-JS-533	12	10	73	.1	3
P6-JS-534	14	14	71	.1	2
P6-JS-535	9	10	58	.1	3
P6-JS-536	11	12	57	.1	1
P6-JS-537	11	11	70	.1	1
P6-JS-538	10	9	66	.1	4
P6-JS-539	10	14	57	.3	1
P6-JS-540	12	16	69	.1	2
P6-JS-541	12	16	66	.1	55
P6-JS-542	12	13	65	.1	3
P6-JS-543	11	14	63	.1	2
STD C/AU 0.5	61	40	134	6.9	490

26
3
108

CUSAC IND. FILE # 85-1720

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-544	12	12	65	.1	1
P6-JS-545	12	10	68	.1	17
P6-JS-546	10	10	60	.1	5
P6-JS-547	11	8	57	.2	1
P6-JS-548	12	5	91	.1	1
P6-JS-549	11	2	83	.2	1
P6-JS-550	11	10	77	.1	1
P6-JS-551	10	11	69	.2	1
P6-JS-552	9	8	63	.1	1
P6-JS-553	9	8	64	.1	1
P6-JS-554	9	7	54	.1	2
P6-JS-555	10	9	72	.1	4
P6-JS-556	11	13	58	.3	1
P6-JS-557	10	9	71	.1	1
P6-JS-558	8	11	71	.1	1
P6-JS-559	10	13	64	.1	1
P6-JS-560	9	11	61	.4	1
P6-JS-561	10	4	79	.1	1
P6-JS-562	10	7	62	.1	1
P6-JS-563	10	7	57	.2	2
P6-JS-564	10	12	75	.1	2
P6-JS-565	10	10	66	.1	1
P6-JS-566	12	7	55	.2	2
P6-JS-567	10	2	60	.2	2
P6-JS-568	10	11	54	.1	9
P6-JS-569	10	6	64	.2	1
P6-JS-570	9	10	62	.1	2
P6-JS-571	10	2	52	.1	2
P6-JS-572	12	14	66	.2	2
P6-JS-573	13	12	68	.1	2
P6-JS-574	8	4	51	.1	3
P6-JS-575	12	9	66	.1	1
P6-JS-576	12	8	69	.2	1
P6-JS-577	11	8	73	.2	1
P6-JS-578	12	8	102	.1	2
P6-JS-579	15	13	111	.1	2
STD C/AU 0.5	56	39	130	7.0	480

.1414

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-580	18	9	84	.2	1
P6-JS-581	13	15	84	.4	1
P6-JS-582	13	9	70	.4	3
P6-JS-583	12	13	66	.1	2
P6-JS-584	13	10	66	.1	1
P6-JS-585	12	12	68	.1	1
P6-JS-586	11	9	61	.1	2
P6-JS-587	16	10	103	.5	1
P6-JS-588	9	6	65	.2	1
P6-JS-589	12	10	67	.1	1
P6-JS-590	9	6	48	.1	1
P6-JS-591	9	14	63	.1	1
P6-JS-592	11	5	60	.3	1
P6-JS-593	11	5	60	.2	2
P6-JS-594	9	8	62	.3	1
P6-JS-595	9	9	48	.2	1
P6-JS-596	9	8	57	.6	1
P6-JS-597	11	10	62	.3	1
P6-JS-598	12	9	73	.2	1
P6-JS-599	10	8	52	.4	1
P6-JS-600	14	12	65	.2	1
P6-JS-601	12	11	62	.3	1
P6-JS-602	11	10	49	.4	1
P6-JS-603	11	6	54	.3	1
P6-JS-604	11	14	51	.1	8
P6-JS-605	13	11	85	.1	1
P6-JS-606	12	5	63	.4	1
P6-JS-607	11	11	56	.3	1
P6-JS-608	16	9	70	.2	3
P6-JS-609	23	7	60	.2	4
P6-JS-610	22	6	63	.1	3
P6-JS-611	20	9	51	.3	2
P6-JS-612	24	4	60	.1	1
P6-JS-613	17	4	64	.2	2
P6-JS-614	17	10	67	.1	1
P6-JS-615	13	12	60	.1	1
STD C/AU 0.5	60	40	134	7.0	480

180

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-616	16	10	62	.1	3
P6-JS-617	16	4	36	.3	3
P6-JS-618	10	8	61	.1	2
P6-JS-619	10	7	72	.1	1
P6-JS-620	8	5	58	.1	3
P6-JS-621	8	10	70	.1	2
P6-JS-622	8	9	60	.2	1
P6-JS-623	7	9	55	.1	1
P6-JS-624	9	17	71	.1	3
P6-JS-625	7	12	53	.1	2
P6-JS-626	8	16	68	.1	1
P6-JS-627	7	11	43	.2	2
P6-JS-628	10	6	69	.1	1
P6-JS-629	7	19	64	.1	1
P6-JS-630	9	8	53	.2	2
P6-JS-631	8	10	68	.1	1
P6-JS-632	10	11	70	.2	10
P6-JS-633	10	17	71	.2	1
P6-JS-634	9	12	58	.3	2
P6-JS-635	10	14	66	.3	4
P6-JS-636	10	9	69	.2	3
P6-JS-637	10	9	54	.2	2
P6-JS-638	8	7	58	.1	3
P6-JS-639	7	13	52	.3	1
P6-JS-640	7	11	55	.3	3
P6-JS-641	10	14	71	.1	2
P6-JS-642	9	15	65	.1	2
P6-JS-643	9	10	68	.2	1
P6-JS-644	5	8	39	.2	2
P6-JS-645	9	12	71	.1	1
P6-JS-646	8	12	70	.1	1
P6-JS-647	11	14	68	.1	3
P6-JS-648	11	11	95	.1	19
P6-JS-649	10	11	76	.1	2
P6-JS-650	23	5	57	.1	5
P6-JS-651	10	3	65	.3	1
STD C/AU 0.5	61	39	134	6.9	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-652	13	8	55	.1	2
P6-JS-653	14	8	66	.1	1
P6-JS-654	10	10	58	.3	2
P6-JS-655	10	5	64	.1	1
P6-JS-656	8	4	68	.3	1
P6-JS-657	15	10	70	.1	7
P6-JS-658	13	6	58	.1	1
P6-JS-659	9	9	50	.2	2
P6-JS-660	11	8	61	.1	1
P6-JS-661	53	11	101 x	.1	7
P6-JS-662	10	11	59	.3	9
P6-JS-663	9	7	53	.3	2
P6-JS-664	17	7	67	.1	1
P6-JS-665	14	7	69	.3	2
P6-JS-666	8	9	60	.2	1
P6-JS-667	9	8	62	.4	1
P6-JS-668	39	8	68	.3	2
P6-JS-669	19	7	54	.3	1
P6-JS-670	13	4	77	.2	1
P6-JS-671	16	5	56	.2	2
P6-JS-672	15	11	44	.1	1
P6-JS-673	18	7	52	.1	3
P6-JS-674	33	9	94	.1	1
P6-JS-675	32	8	64	.1	2
P6-JS-676	14	6	61	.1	1
P6-JS-677	22	10	65	.2	3
P6-JS-678	10	8	51	.1	1
P6-JS-679	10	6	58	.2	1
P6-JS-680	16	6	43	.3	1
P6-JS-681	17	8	59	.1	1
P6-JS-682	14	7	56	.2	3
P6-JS-683	20	9	57	.1	3
P6-JS-684	15	2	40	.2	1
P6-JS-685	105	3	51	.2	8
P6-JS-686	36	6	90	.2	1
P6-JS-687	38	7	77	.1	1
STD C/AU 0.5	62	40	134	6.9	480

252
26
216
208

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-JS-688	27	9	109 x	.4	2
P6-JS-689	32	12	80	.1	4
P6-JS-690	39	7	88	.2	2
P6-JS-691	21	12	90	.3	1
P6-JS-692	42	8	74	.1	2
P6-JS-693	21	12	70	.1	5
P6-JS-694	19	12	58	.1	2
P6-JS-695	53	11	82	.1	3
P6-JS-696	59	22 x	106 x	.3	1
P6-JS-697	19	8	66	.2	1
P6-JS-698	21	15	61	.1	6
P6-JS-699	20	10	92	.1	2
P6-JS-700	23	14	78	.3	7
P6-JS-701	21	20 x	104 x	.2	1
P6-JS-702	24	16	91	.2	2
P6-JS-703	24	11	94	.1	2
P6-JS-704	22	14	85	.2	1
P6-JS-705	18	9	93	.1	10
P6-JS-706	26	13	56	.1	1
P6-JS-707	11	16	69	.1	1
P6-JS-708	16	8	108 x	.1	1
P6-WB-1311	17	20	83	.6	5
P6-WB-1312	25	15	93	.1	4
P6-WB-1313	25	16	108 x	.1	2
P6-WB-1314	25	14	58	.1	2
P6-WB-1315	19	14	82	.1	1
P6-WB-1316	18	14	67	.1	2
P6-WB-1317	9	10	59	.1	1
P6-WB-1318	16	17	77	.3	3
P6-WB-1319	10	12	69	.1	2
P6-WB-1320	12	19	63	.1	1
P6-WB-1321	11	17	62	.1	18
P6-WB-1322	9	8	65	.1	2
P6-WB-1323	10	13	68	.1	1
P6-WB-1324	10	16	78	.1	1
P6-WB-1325	10	16	75	.3	1
STD C/AU 0.5	58	51	133	7.0	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1326	12	14	74	.2	1
P6-WB-1327	12	12	74	.1	1
P6-WB-1328	13	11	78	.1	1
P6-WB-1329	13	9	66	.1	3
P6-WB-1330	13	12	82	.1	7
P6-WB-1331	11	8	68	.1	1
P6-WB-1332	11	9	61	.2	5
P6-WB-1333	9	11	50	.2	7
P6-WB-1334	12	13	81	.1	1
P6-WB-1335	10	11	54	.2	1
P6-WB-1336	20	8	157	.1	1
P6-WB-1337	9	8	54	.1	2
P6-WB-1338	9	16	60	.2	1
P6-WB-1339	10	7	60	.3	2
P6-WB-1340	10	13	66	.2	1
P6-WB-1341	9	10	56	.1	1
P6-WB-1342	9	13	65	.2	6
P6-WB-1343	9	9	64	.1	1
P6-WB-1344	11	11	73	.2	1
P6-WB-1345	10	14	76	.1	1
P6-WB-1346	9	11	76	.1	3
P6-WB-1347	9	9	58	.1	2
P6-WB-1348	12	10	69	.1	1
P6-WB-1349	12	14	73	.1	7
P6-WB-1350	10	10	68	.1	10
P6-WB-1351	21	8	79	.1	1
P6-WB-1352	17	6	64	.2	4
P6-WB-1353	11	8	62	.1	3
P6-WB-1354	14	5	39	.1	1
P6-WB-1355	18	8	57	.1	9
P6-WB-1356	23	7	58	.3	1
P6-WB-1357	29	7	60	.1	1
P6-WB-1358	19	8	68	.1	2
P6-WB-1359	11	8	57	.1	1
P6-WB-1360	57	10	61	.1	1
P6-WB-1361	23	5	72	.1	8
STD C/AU 0.5	59	40	138	6.9	490

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1362	15	7	72	.1	1
P6-WB-1363	17	7	63	.1	1
P6-WB-1364	25	7	68	.1	1
P6-WB-1365	53	5	85	.1	1
P6-WB-1366	14	7	42	.1	2
P6-WB-1367	12	2	40	.3	1
P6-WB-1368	10	8	36	.2	1
P6-WB-1369	20	8	53	.1	1
P6-WB-1370	9	5	49	.3	1
P6-WB-1371	10	5	54	.1	2
P6-WB-1372	27	4	55	.1	1
P6-WB-1373	25	6	75	.1	2
P6-WB-1374	40	6	65	.4	12
P6-WB-1375	37	8	70	.1	1
P6-WB-1376	19	6	64	.1	2
P6-WB-1377	13	8	54	.1	19
P6-WB-1378	8	7	38	.2	1
P6-WB-1379	8	9	46	.1	1
P6-WB-1380	10	8	56	.2	1
P6-WB-1381	8	4	41	.1	1
P6-WB-1382	12	10	40	.2	1
P6-WB-1383	11	9	57	.1	1
P6-WB-1384	13	9	63	.1	2
P6-WB-1385	10	10	47	.1	1
P6-WB-1386	10	5	51	.2	2
P6-WB-1387	10	3	54	.3	1
P6-WB-1388	9	5	57	.2	1
P6-WB-1389	8	9	47	.1	1
P6-WB-1390	9	10	56	.1	1
P6-WB-1391	9	9	54	.1	2
P6-WB-1392	10	6	50	.1	2
P6-WB-1393	9	8	50	.1	1
P6-WB-1394	9	3	61	.1	1
P6-WB-1395	9	12	52	.1	1
P6-WB-1396	9	7	56	.1	1
P6-WB-1397	10	7	55	.2	1
STD C/AU 0.5	62	40	129	6.9	480

396

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1398	13	18	115	.5	4
P6-WB-1399	12	16	81	.4	1
P6-WB-1400	12	13	77	.4	1
P6-WB-1401	11	11	57	.1	1
P6-WB-1402	11	11	60	.4	3
P6-WB-1403	9	7	53	.1	1
P6-WB-1404	9	16	71	.1	1
P6-WB-1405	9	10	65	.3	1
P6-WB-1406	11	15	92	.2	1
P6-WB-1407	11	12	58	.2	1
P6-WB-1408	9	14	68	.3	1
P6-WB-1409	9	14	65	.2	3
P6-WB-1410	9	12	62	.2	1
P6-WB-1411	10	15	60	.2	1
P6-WB-1412	10	10	66	.1	1
P6-WB-1413	11	13	66	.2	3
P6-WB-1414	8	17	54	.2	1
P6-WB-1415	9	17	63	.2	1
P6-WB-1416	9	14	52	.4	1
P6-WB-1417	11	16	57	.3	1
P6-WB-1418	11	13	60	.1	1
P6-WB-1419	11	14	58	.1	2
P6-WB-1420	9	16	58	.1	2
P6-WB-1421	9	14	58	.1	1
P6-WB-1422	46	10	75	.1	1
P6-WB-1423	24	8	114	.1	3
P6-WB-1424	21	8	52	.1	1
P6-WB-1425	19	8	39	.1	10
P6-WB-1426	24	9	40	.1	1
P6-WB-1427	14	12	43	.1	1
P6-WB-1428	38	14	87	.1	2
P6-WB-1429	53	10	56	.2	1
P6-WB-1430	27	13	69	.2	2
P6-WB-1431	29	12	63	.1	1
P6-WB-1432	17	10	61	.3	1
P6-WB-1433	35	16	70	.1	2
STD C/AU 0.5	59	41	132	7.1	480

432

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1434	19	13	64	.1	1
P6-WB-1435	18	11	68	.1	11
P6-WB-1436	22	11	96	.1	1
P6-WB-1437	10	11	52	.1	1
P6-WB-1438	12	15	59	.4	1
P6-WB-1439	30	9	85	.3	1
P6-WB-1440	18	12	55	.1	1
P6-WB-1441	14	11	67	.1	2
P6-WB-1442	14	11	77	.1	1
P6-WB-1443	10	10	66	.3	1
P6-WB-1444	14	10	71	.1	1
P6-WB-1445	16	18	70	.1	1
P6-WB-1446	13	13	74	.2	10
P6-WB-1447	12	14	65	.2	2
P6-WB-1448	11	19	79	.1	1
P6-WB-1449	23	14	84	.2	3
P6-WB-1450	14	8	108	.6	1
P6-WB-1451	19	11	94	.1	2
P6-WB-1452	12	13	80	.2	1
P6-WB-1453	10	6	69	.2	1
P6-WB-1454	12	15	91	.2	2
P6-WB-1455	12	10	91	.2	1
P6-WB-1456	10	19	69	.1	2
P6-WB-1457	10	14	68	.1	2
P6-WB-1458	11	16	81	.1	2
P6-WB-1459	11	17	83	.1	1
P6-WB-1460	10	9	72	.1	1
P6-WB-1461	12	12	76	.1	1
P6-WB-1462	14	15	96	.1	1
P6-WB-1463	11	15	68	.1	1
P6-WB-1464	11	13	65	.3	1
P6-WB-1465	12	20	85	.2	1
P6-WB-1466	10	14	67	.1	1
P6-WB-1467	11	17	79	.2	1
P6-WB-1468	13	19	73	.3	1
P6-WB-1469	9	16	71	.3	2
STD C/AU 0.5	57	41	132	6.8	490

468

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1470	10	14	72	.5	4
P6-WB-1471	12	10	62	.1	2
P6-WB-1472	11	12	75	.1	1
P6-WB-1473	9	9	89	.3	3
P6-WB-1474	10	9	77	.2	1
P6-WB-1475	11	4	72	.2	1
P6-WB-1476	10	8	74	.2	2
P6-WB-1477	10	9	92	.1	1
P6-WB-1478	11	12	70	.1	2
P6-WB-1479	10	9	68	.1	2
P6-WB-1480	10	12	66	.2	1
P6-WB-1481	12	14	87	.1	1
P6-WB-1482	11	14	66	.1	2
P6-WB-1483	13	15	65	.1	1
P6-WB-1484	10	17	65	.1	1
P6-WB-1485	12	7	63	.1	1
P6-WB-1486	10	8	58	.2	1
P6-WB-1487	11	15	58	.2	1
P6-WB-1488	9	9	55	.3	1
P6-WB-1489	14	10	54	.1	1
P6-WB-1490	10	11	57	.1	1
P6-WB-1491	9	14	65	.1	2
P6-WB-1492	10	10	62	.2	1
P6-WB-1493	9	12	71	.3	2
P6-WB-1494	10	12	92	.1	1
P6-WB-1495	15	10	97	.1	1
P6-WB-1496	9	12	70	.1	2
P6-WB-1497	9	5	76	.1	1
P6-WB-1498	6	6	61	.1	1
P6-WB-1499	10	11	68	.1	1
P6-WB-1500	9	5	58	.1	3
P6-WB-1501	11	13	77	.1	2
P6-WB-1502	11	12	61	.1	1
P6-WB-1503	12	7	72	.1	2
P6-WB-1504	10	9	70	.1	1
P6-WB-1505	11	13	77	.3	2
STD C/AU 0.5	59	41	137	6.9	480

CUSAC IND. FILE # 85-1720 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1506	14	7	69	.1	1
P6-WB-1507	11	10	64	.1	1
P6-WB-1508	10	8	55	.1	2
P6-WB-1509	13	9	69	.1	1
P6-WB-1510	13	10	61	.1	1
P6-WB-1511	11	9	59	.1	2
P6-WB-1512	9	8	46	.2	1
P6-WB-1513	13	11	70	.1	1
P6-WB-1514	9	12	72	.1	1
P6-WB-1515	11	10	66	.1	3
P6-WB-1516	20	8	78	.1	1
P6-WB-1517	9	8	56	.1	2
P6-WB-1518	9	7	48	.1	1
P6-WB-1519	10	6	61	.1	1
P6-WB-1520	12	6	65	.1	2
P6-WB-1521	10	9	59	.1	2
P6-WB-1522	9	7	51	.1	3
P6-WB-1523	56	8	97	.3	4
P6-WB-1524	36	7	48	.2	6
P6-WB-1525	43	8	90	.2	6
P6-WB-1526	41	7	61	.7	3
P6-WB-1527	36	11	112	.4	1
P6-WB-1528	40	11	97	.1	1
P6-WB-1529	18	9	67	.4	1
P6-WB-1530	16	7	62	.2	1
P6-WB-1531	23	11	75	.1	1
P6-WB-1532	22	11	67	.1	1
P6-WB-1533	16	11	67	.1	4
P6-WB-1534	18	10	72	.1	2
P6-WB-1535	16	11	59	.1	4
P6-WB-1536	14	9	49	.1	3
P6-WB-1537	15	8	55	.2	1
P6-WB-1538	14	13	54	.1	1
P6-WB-1539	12	9	55	.1	1
P6-WB-1540	12	8	46	.1	1
P6-WB-1541	16	9	66	.1	1
STD C/AU 0.5	62	40	131	7.0	480

540

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1542	11	8	69	.1	1
P6-WB-1543	11	9	56	.1	1
P6-WB-1544	11	7	64	.1	1
P6-WB-1545	16	13	76	.1	2
P6-WB-1546	11	10	69	.1	3
P6-WB-1547	10	4	58	.1	1
P6-WB-1548	13	12	65	.1	1
P6-WB-1549	11	7	67	.1	1
P6-WB-1550	13	10	76	.2	2
P6-WB-1551	12	11	86	.3	2
P6-WB-1552	9	6	51	.1	5
P6-WB-1553	12	9	51	.1	2
P6-WB-1554	10	5	46	.1	1
P6-WB-1555	10	11	72	.1	1
P6-WB-1556	9	6	65	.1	1
P6-WB-1557	13	10	69	.1	1
P6-WB-1558	13	13	70	.1	2
P6-WB-1559	14	10	68	.2	1
P6-WB-1560	13	11	67	.1	1
P6-WB-1561	13	8	68	.1	1
P6-WB-1562	12	6	75	.1	1
P6-WB-1563	14	7	55	.1	4
P6-WB-1564	13	13	66	.1	1
P6-WB-1565	13	10	68	.1	2
P6-WB-1566	13	6	68	.2	1
P6-WB-1567	13	8	79	.1	1
P6-WB-1568	13	8	62	.4	1
P6-WB-1569	12	4	63	.1	1
P6-WB-1570	15	7	58	.1	1
P6-WB-1571	12	6	61	.3	1
P6-WB-1572	16	11	89	.1	1
P6-WB-1573	53	9	69	.5	7
P6-WB-1574	17	12	99	.1	1
P6-WB-1575	16	7	75	.1	1
P6-WB-1576	18	8	87	.3	2
P6-WB-1577	17	7	85	.1	1
STD C/AU 0.5	59	41	135	7.0	480

576

CUSAC IND. FILE # 85-1720

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1578	22	9	103	.3	2
P6-WB-1579	39	10	78	.5	3
P6-WB-1580	19	9	82	.2	1
P6-WB-1581	16	11	61	.3	2
P6-WB-1582	15	5	63	.3	1
P6-WB-1583	13	7	52	.1	1
P6-WB-1584	16	11	70	.1	1
P6-WB-1585	14	8	67	.1	3
P6-WB-1586	14	14	70	.1	1
P6-WB-1587	15	9	73	.1	4
P6-WB-1588	11	11	76	.1	1
P6-WB-1589	15	8	75	.1	2
P6-WB-1590	10	13	65	.1	4
P6-WB-1591	11	10	52	.2	2
P6-WB-1592	28	8	63	.1	1
P6-WB-1593	16	12	87	.3	2
P6-WB-1594	15	9	73	.2	1
P6-WB-1595	11	5	46	.1	1
P6-WB-1596	35	4	84	.5	1
P6-WB-1597	23	7	64	.3	2
P6-WB-1598	41	8	72	.1	2
P6-WB-1599	18	13	71	.6	4
P6-WB-1600	21	13	112	.3	2
P6-WB-1601	13	10	70	.2	2
P6-WB-1602	12	12	70	.3	3
P6-WB-1603	25	10	85	.1	1
P6-WB-1604	19	8	54	.1	1
P6-WB-1605	19	15	75	.1	2
P6-WB-1606	14	5	65	.2	2
P6-WB-1607	14	8	68	.1	2
P6-WB-1608	53	14	62	.1	3
P6-WB-1609	31	12	76	.1	4
P6-WB-1610	24	10	86	.2	3
P6-WB-1611	30	11	67	.2	2
P6-WB-1612	30	11	98	.1	1
P6-WB-1613	38	12	74	.1	3
STD C/AU 0.5	59	41	132	6.8	480

612

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-WB-1614	28	15	97	.1	2
P6-WB-1615	18	10	96	.1	2
P6-WB-1616	29	10	88	.1	1
P6-WB-1617	21	10	98	.1	2
P6-WB-1618	14	9	56	.1	1
P6-WB-1619	33	11	91	.1	1
P6-WB-1620	59	10	93	.1	3
P6-WB-1621	17	11	60	.2	2
P6-WB-1622	48	12	84	.2	2
P6-WB-1623	21	10	114	.4	1
P6-WB-1624	24	12	93	.4	1
P6-WB-1625	41	13	120	.1	1
P6-WB-1626	18	8	87	.1	2
P6-WB-1627	15	21	89	.1	1
P6-WB-1628	23	9	89	.1	4
P6-WB-1629	17	8	72	.1	1
P6-WB-1630	20	14	70	.4	2
P6-WB-1631	13	13	60	.1	2
P6-WB-1632	13	8	80	.6	1
P6-WB-1633	21	11	75	.1	1
P6-WB-1634	17	7	72	.4	2
P6-WB-1635	20	11	62	.1	2
P6-WB-1636	15	5	80	.2	2
P6-WB-1637	17	9	78	.4	1
P6-WB-1638	14	7	65	.2	1
P6-WB-1639	10	11	66	.5	2
P6-WB-1640	12	17	63	.1	1
P6-WB-1641	12	12	59	.1	1
P6-WB-1642	12	10	73	.4	1
P6-WB-1643	11	13	91	.1	2
P6-WB-1644	14	12	86	.1	1
P6-WB-1645	12	14	77	.7	2
P6-DH-2180	15	23	132	.1	1
P6-DH-2181	10	14	94	.3	1
P6-DH-2182	13	13	92	.4	2
P6-DH-2183	19	11	84	.1	4
STD C/AU 0.5	60	40	133	6.9	480

648

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-DH-2184	11	11	75	.1	1
P6-DH-2185	8	6	73	.1	1
P6-DH-2186	7	5	58	.1	1
P6-DH-2187	8	5	62	.1	1
P6-DH-2188	8	6	68	.1	2
P6-DH-2189	8	6	66	.1	1
P6-DH-2190	9	10	70	.2	1
P6-DH-2191	13	12	100	.1	2
P6-DH-2192	15	7	81	.4	1
P6-DH-2193	13	10	68	.2	2
P6-DH-2194	9	13	63	.1	1
P6-DH-2195	10	11	96	.1	1
P6-DH-2196	23	10	89	.1	3
P6-DH-2197	7	8	102	.1	2
P6-DH-2198	8	12	85	.1	1
P6-DH-2199	14	4	50	.2	2
P6-DH-2200	8	8	64	.2	1
P6-DH-2201	7	5	54	.1	1
P6-DH-2202	9	10	79	.2	1
P6-DH-2203	9	7	67	.2	2
P6-DH-2204	9	7	70	.1	1
P6-DH-2205	8	7	65	.2	1
P6-DH-2206	9	13	62	.2	2
P6-DH-2207	9	9	75	.1	1
P6-DH-2208	8	9	66	.2	1
P6-DH-2209	8	2	64	.1	1
P6-DH-2210	21	6	92	.2	1
P6-LC-3112	9	11	69	.1	1
P6-LC-3113	18	6	53	.3	2
P6-LC-3114	18	5	74	.1	1
P6-LC-3115	16	10	60	.1	1
P6-LC-3116	23	9	52	.3	1
P6-LC-3117	19	12	76	.1	1
P6-LC-3118	25	5	80	.4	2
P6-LC-3119	20	7	83	.2	1
P6-LC-3120	29	11	63	.2	1
STD C/AU 0.5	61	38	133	7.0	480

684

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-LC-3121	32	13	56	.1	2
P6-LC-3122	15	15	67	.1	3
P6-LC-3123	10	16	70	.1	1
P6-LC-3124	10	12	55	.1	1
P6-LC-3125	25	14	91	.1	1
P6-LC-3126	36	18	88	.1	2
P6-LC-3127	11	16	57	.3	1
P6-LC-3128	13	11	89	.2	1
P6-LC-3129	19	12	98	.3	1
P6-LC-3130	11	16	83	.1	1
P6-LC-3131	11	11	81	.2	1
P6-LC-3132	11	16	65	.2	1
P6-LC-3133	22	13	81	.1	2
P6-LC-3134	13	12	66	.1	40
P6-LC-3135	11	12	76	.2	1
P6-LC-3136	14	11	69	.2	1
P6-LC-3137	11	15	60	.1	2
P6-LC-3138	14	13	73	.3	2
P6-LC-3139	12	15	73	.2	1
P6-LC-3140	12	14	60	.3	4
P6-LC-3141	11	14	70	.1	3
P6-LC-3142	10	11	57	.1	1
P6-LC-3143	12	9	49	.5	1
P6-LC-3144	11	12	58	.2	2
P6-LC-3145	15	13	77	.1	2
P6-LC-3146	10	8	73	.1	1
P6-LC-3147	9	13	50	.1	1
P6-LC-3148	11	16	62	.1	2
P6-LC-3149	10	10	53	.1	1
P6-LC-3150	12	11	79	.1	1
P6-LC-3151	25	10	85	.5	1
P6-LC-3152	15	5	67	.1	1
P6-LC-3153	14	9	64	.2	1
P6-LC-3154	14	13	65	.3	1
P6-LC-3155	14	14	80	.1	2
P6-LC-3156	13	17	90	.1	1
STD C/AU 0.5	57	41	132	7.0	480

720

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-LC-3157	18	17	87	.1	8
P6-LC-3158	15	18	103	.5	1
P6-LC-3159	12	16	90	.2	2
P6-LC-3160	13	17	90	.2	2
P6-LC-3161	12	2	63	.4	1
P6-LC-3162	13	12	75	.1	1
P6-LC-3163	15	12	73	.1	1
P6-LC-3164	16	11	71	.1	1
P6-LC-3165	15	9	87	.1	1
P6-LC-3166	15	4	70	.4	1
P6-LC-3167	15	18	85	.1	2
P6-LC-3168	16	10	72	.1	1
P6-LC-3169	14	3	87	.1	1
P6-LC-3170	12	6	61	.1	4
P6-LC-3171	13	7	62	.3	2
P6-LC-3172	14	8	70	.1	1
P6-LC-3173	13	12	67	.2	1
P6-LC-3174	15	5	77	.1	1
P6-LC-3175	14	9	83	.1	1
P6-LC-3176	15	12	69	.2	1
P6-LC-3177	11	13	53	.4	2
P6-LC-3178	25	11	59	.1	4
P6-LC-3179	11	8	67	.2	1
P6-LC-3180	13	8	67	.1	1
P6-LC-3181	12	14	79	.1	1
P6-LC-3182	15	8	65	.1	2
P6-LC-3183	15	10	79	.1	4
P6-LC-3184	8	14	62	.1	2
P6-LC-3185	11	6	87	.1	2
P6-LC-3186	9	13	69	.2	3
P6-LC-3187	11	15	74	.1	1
P6-LC-3188	10	8	77	.1	1
P6-LC-3189	10	15	111	.1	1
P6-LC-3190	10	11	86	.2	2
P6-LC-3191	9	8	66	.1	1
P6-LC-3192	12	10	74	.1	1
STD C/AU 0.5	61	41	132	7.0	480

756

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-LC-3193	10	8	71	.1	2
P6-LC-3194	13	13	72	.3	5
P6-LC-3195	13	12	68	.3	1
P6-LC-3196	12	9	75	.2	1
P6-LC-3197	10	11	81	.1	1
P6-LC-3198	10	11	85	.1	1
P6-LC-3199	11	12	66	.1	2
P6-LC-3200	10	9	70	.2	1
P6-LC-3201	10	7	65	.1	1
P6-LC-3202	11	12	63	.4	1
P6-LC-3203	13	5	68	.1	2
P6-LC-3204	9	9	69	.1	1
P6-LC-3205	10	10	67	.4	1
P6-LC-3206	10	14	81	.1	2
P6-LC-3207	12	13	74	.2	1
P6-LC-3208	11	8	67	.4	2
P6-LC-3209	12	11	68	.3	3
P6-LC-3210	12	14	67	.2	2
P6-LC-3211	12	12	104	.1	1
P6-LC-3212	12	8	84	.1	1
P6-LC-3213	12	13	75	.1	2
P6-LC-3214	18	14	86	.1	38
P6-LC-3215	12	11	81	.3	2
P6-LC-3216	12	8	64	.2	1
P6-LC-3217	9	7	73	.2	1
P6-LC-3218	9	8	59	.1	2
P6-LC-3219	9	14	91	.1	1
P6-LC-3220	11	10	86	.2	1
P6-LC-3221	12	11	77	.1	1
P6-LC-3222	12	8	74	.1	1
P6-LC-3223	11	15	65	.1	1
P6-LC-3224	10	8	67	.3	2
P6-LC-3225	14	6	77	.1	1
P6-LC-3226	12	12	94	.1	1
P6-LC-3227	12	19	112	.1	1
P6-LC-3228	16	12	92	.1	1
STD C/AU 0.5	57	41	131	7.1	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
P6-LC-3229	11	14	63	.2	2
P6-LC-3230	14	11	81	.1	1
P6-LC-3231	11	17	76	.1	1
P6-LC-3232	10	18	76	.2	1
P6-LC-3233	10	11	68	.1	1
P6-LC-3234	13	15	67	.1	1
P6-LC-3235	10	20	83	.1	2
P6-LC-3236	11	15	72	.2	1
P6-LC-3237	13	12	69	.4	1
P6-LC-3238	26	14	110	.1	2
P6-LC-3239	13	7	65	.1	2
P6-LC-3240	21	12	90	.1	2
P6-LC-3241	21	14	76	.1	1
P6-LC-3242	17	18	62	.1	2
P6-LC-3243	14	14	67	.1	1
P6-LC-3244	40	13	81	.2	5
P6-LC-3245	91	12	105	.1	3
P6-LC-3246	30	12	45	.1	1
P6-LC-3247	18	10	70	.1	1
P6-LC-3248	18	14	71	.1	1
P6-LC-3249	17	14	54	.2	2
P6-LC-3250	80	12	83	.1	2
P6-LC-3251	20	11	97	.1	1
P6-LC-3252	27	12	130	.1	2
P6-SLT-WB-1	6	9	50	.4	1
P6-SLT-WB-2	4	6	45	.3	1
P6-SLT-WB-3	4	6	40	.3	2
P6-S-DH-1	10	3	58	.3	2
P6-S-DH-2	13	12	61	.1	2
P6-S-DH-3	14	15	96	.1	1
P6-S-DH-4	12	13	70	.1	1
P6-S-DH-5	13	9	70	.3	1
P6-S-DH-6	12	11	69	.4	1
STD C/AU 0.5	62	39	130	6.9	480

FIG.85-04
15,081

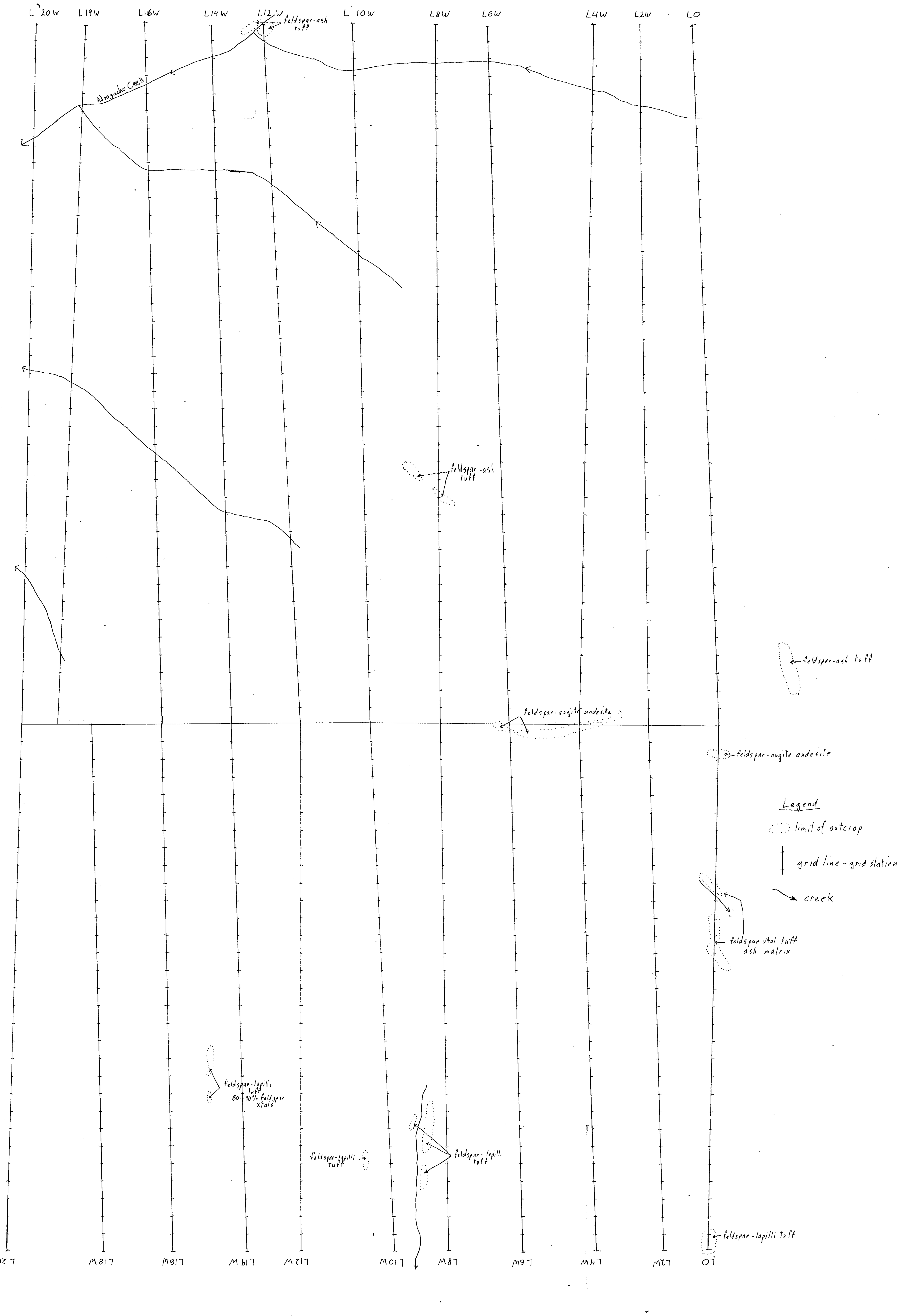
RANGER CLAIM CUSAC INDUSTIES
NTS:94E/11

PROPERTY GEOLOGY

N

SCALE
0 500

SCALE 1:5000



RANGER CLAIMS CUSAC INDUSTRIES GRID MAP SOIL LOCATIONS

FIG.5 NTS:94E/ 11

15,081

BASELINE RESOURCES LTD.

SCALE 0 500

SCALE 1:5000

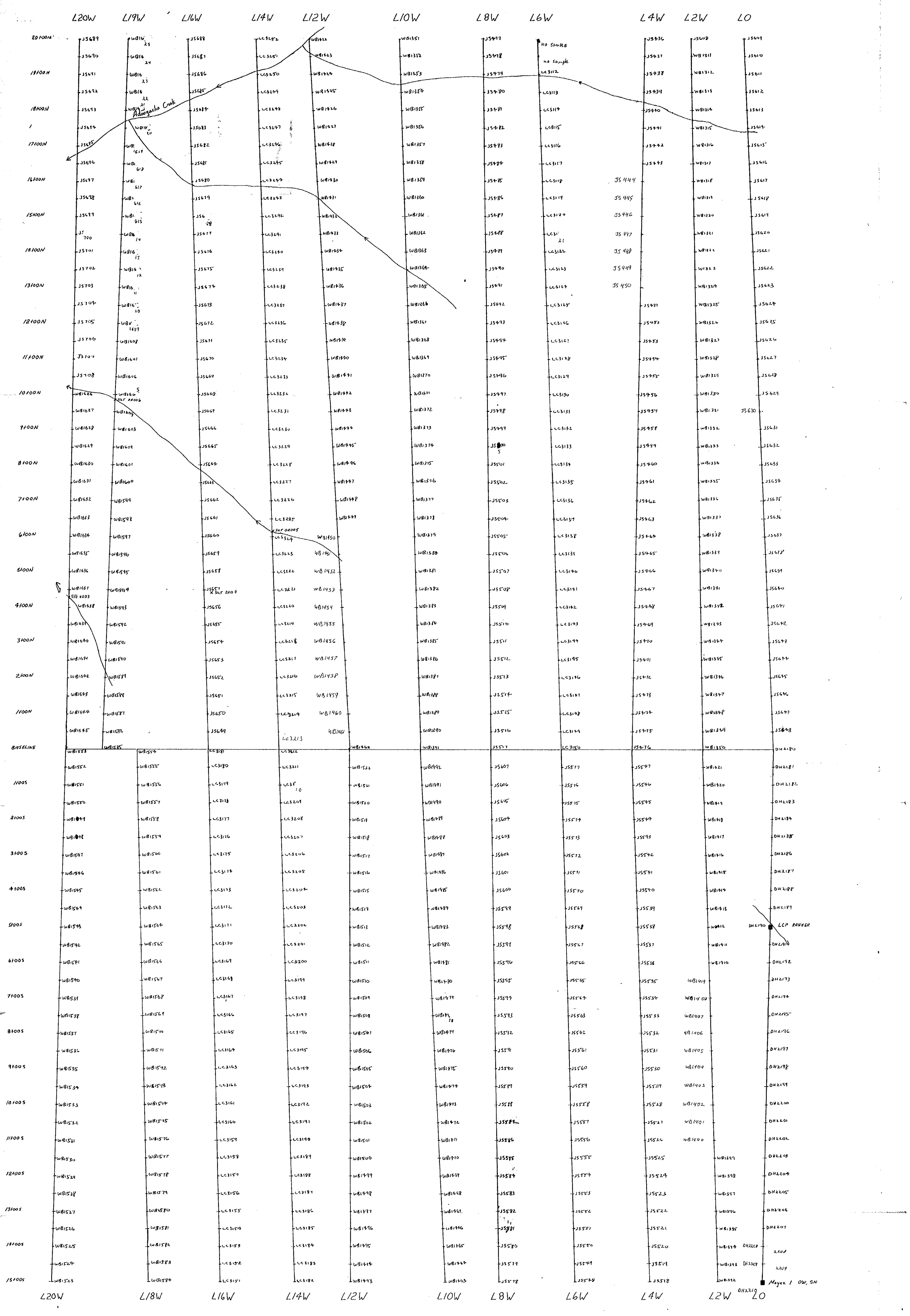


FIG. 6

15,081

RANGER CLAIMS CUSAC INDUSTRIES - SOILS, AU, PPB

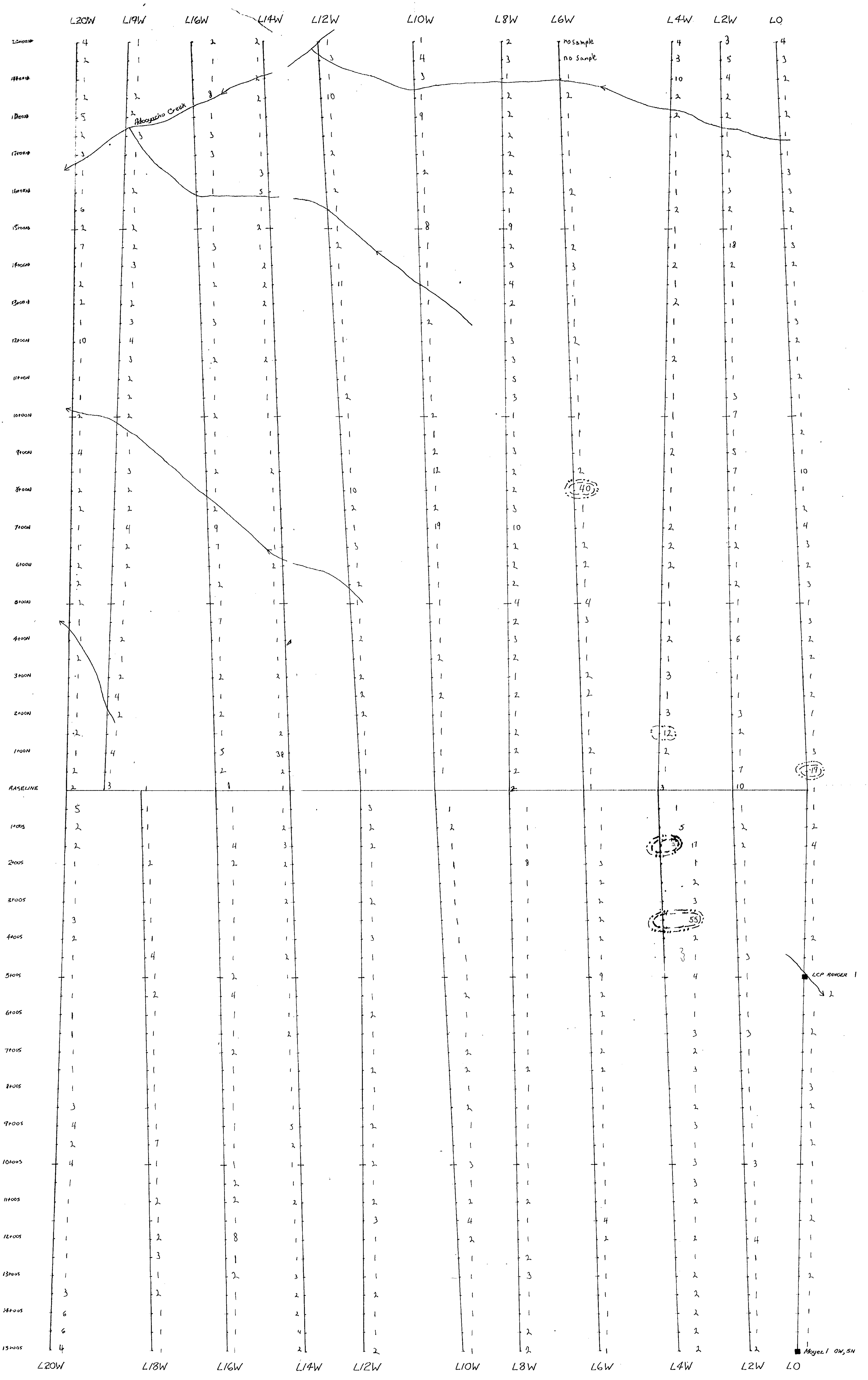
NTS: 94E/ 11

BASELINE RESOURCES LTD.

SCALE

0 500

SCALE 1:5000



RANGER CLAIMS CUSAC INDUSTRIES

FIG.7

15,081

SOIL GEOCHEM: AG, PPM

NTS:94E/ 11

BASELINE RESOURCES LTD.

N

SCALE 1:5000

SCALE

0 500

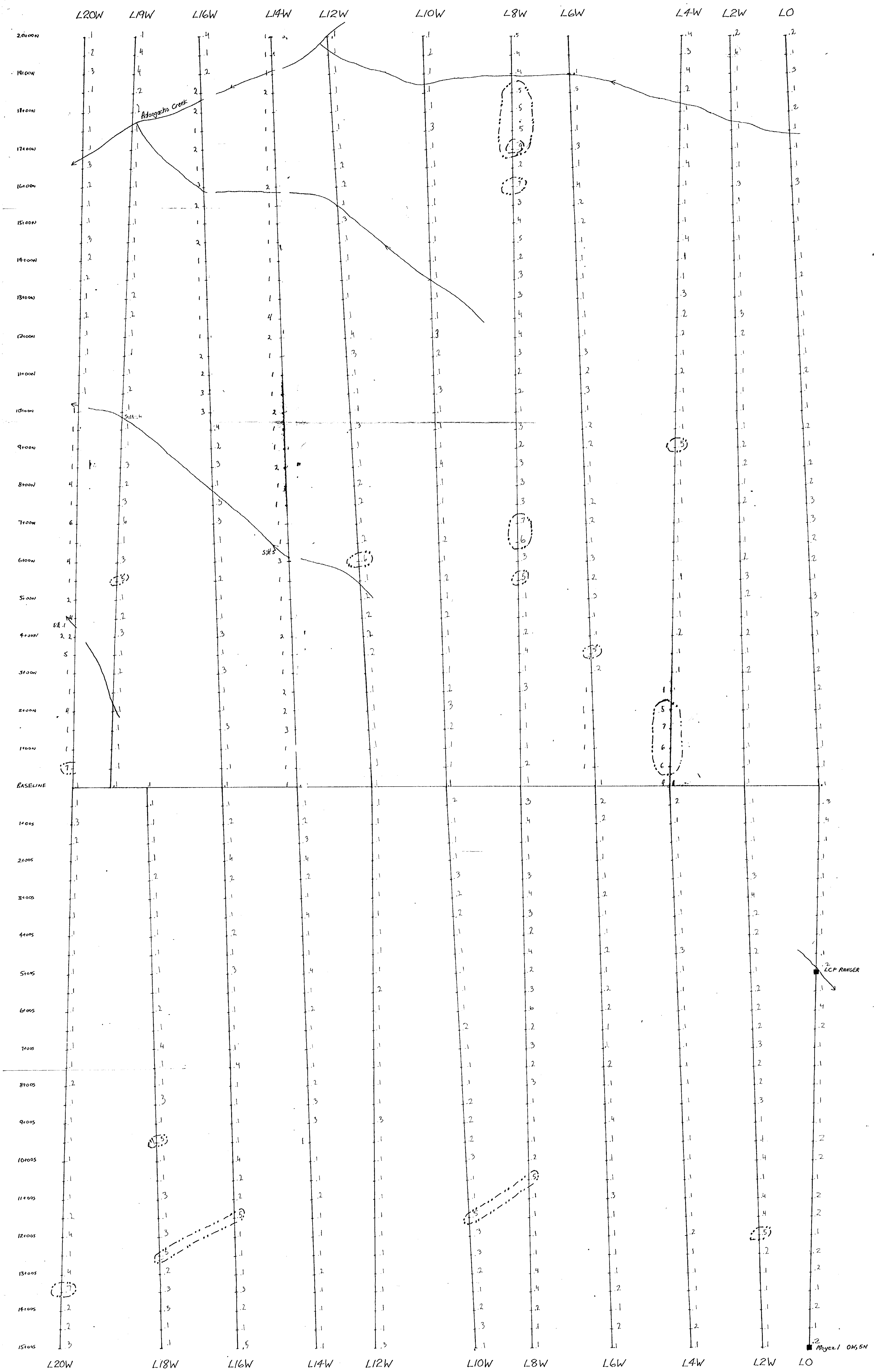


FIG.8

15,081

RANGER CLAIMS .CUSAC INDUSTRIES

SOIL GEOCHEM: Zn, PPM

NTS:94E/ 11

BASELINE RESOURCES LTD.

SCALE 0 500

SCALE 1:5000

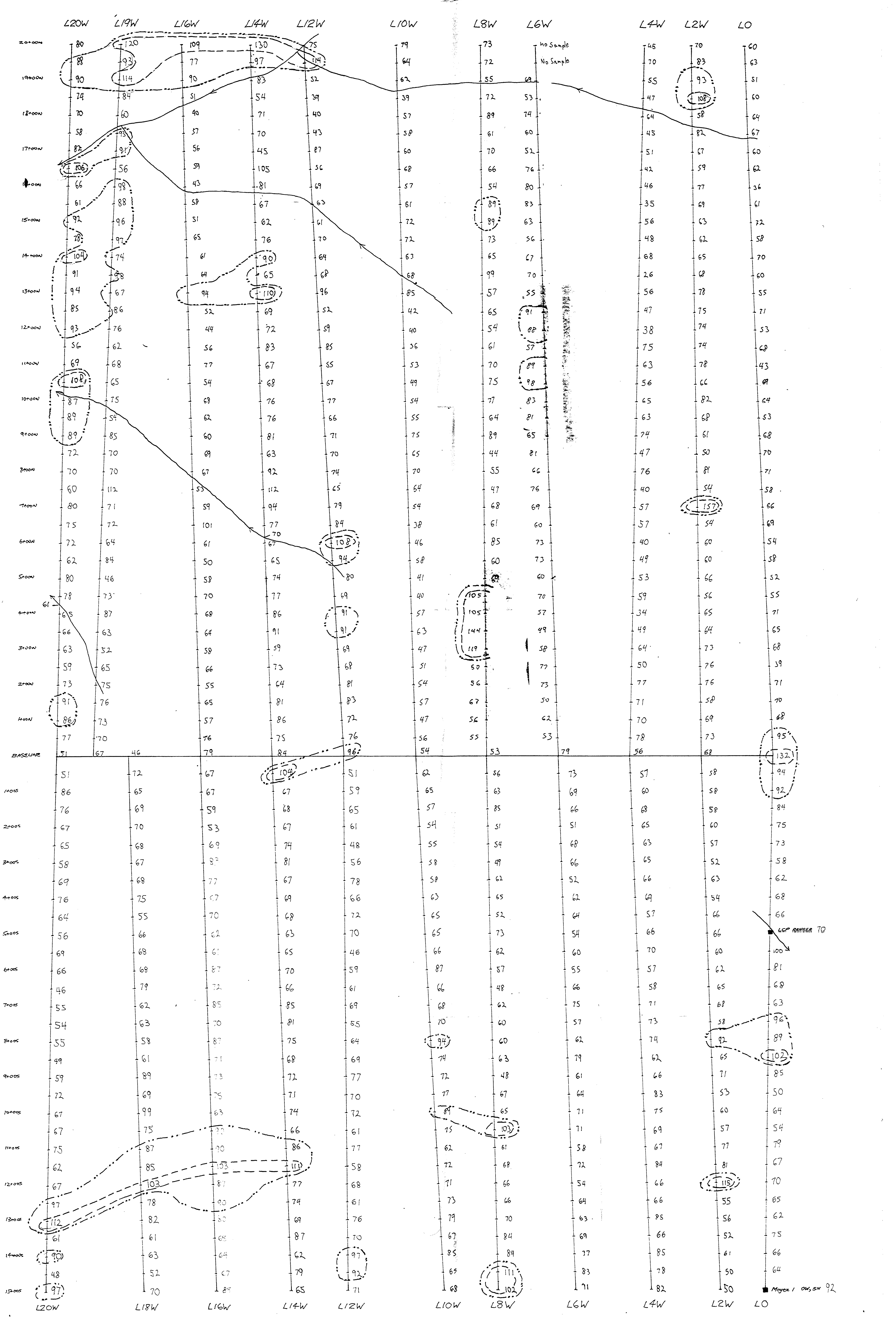


FIG.9

15,081

RANGER CLAIMS CUSAC INDUSTRIES

SOIL GEOCHEM: PB, PPM

NTS: 94E/ 11

SCALE 0 500

SCALE 1:5000

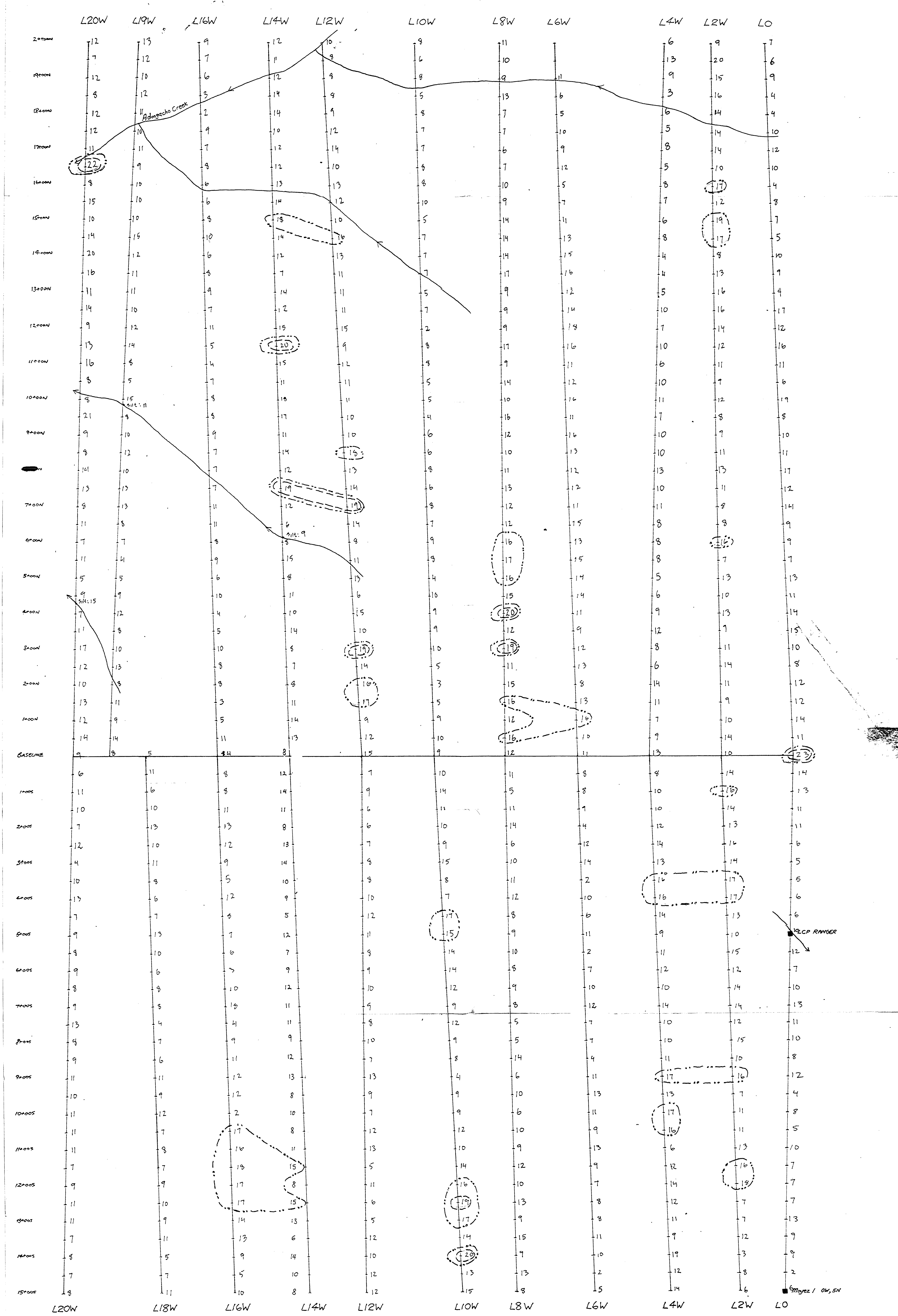


FIG. 10

15,081

RANGER CLAIMS CUSAC INDUSTRIES

SOIL GEOCHEM: CU, PPM

NTS:94E/ 11

SABELINE RESOURCES LTD.

SCALE 0 500

SCALE 1:5000

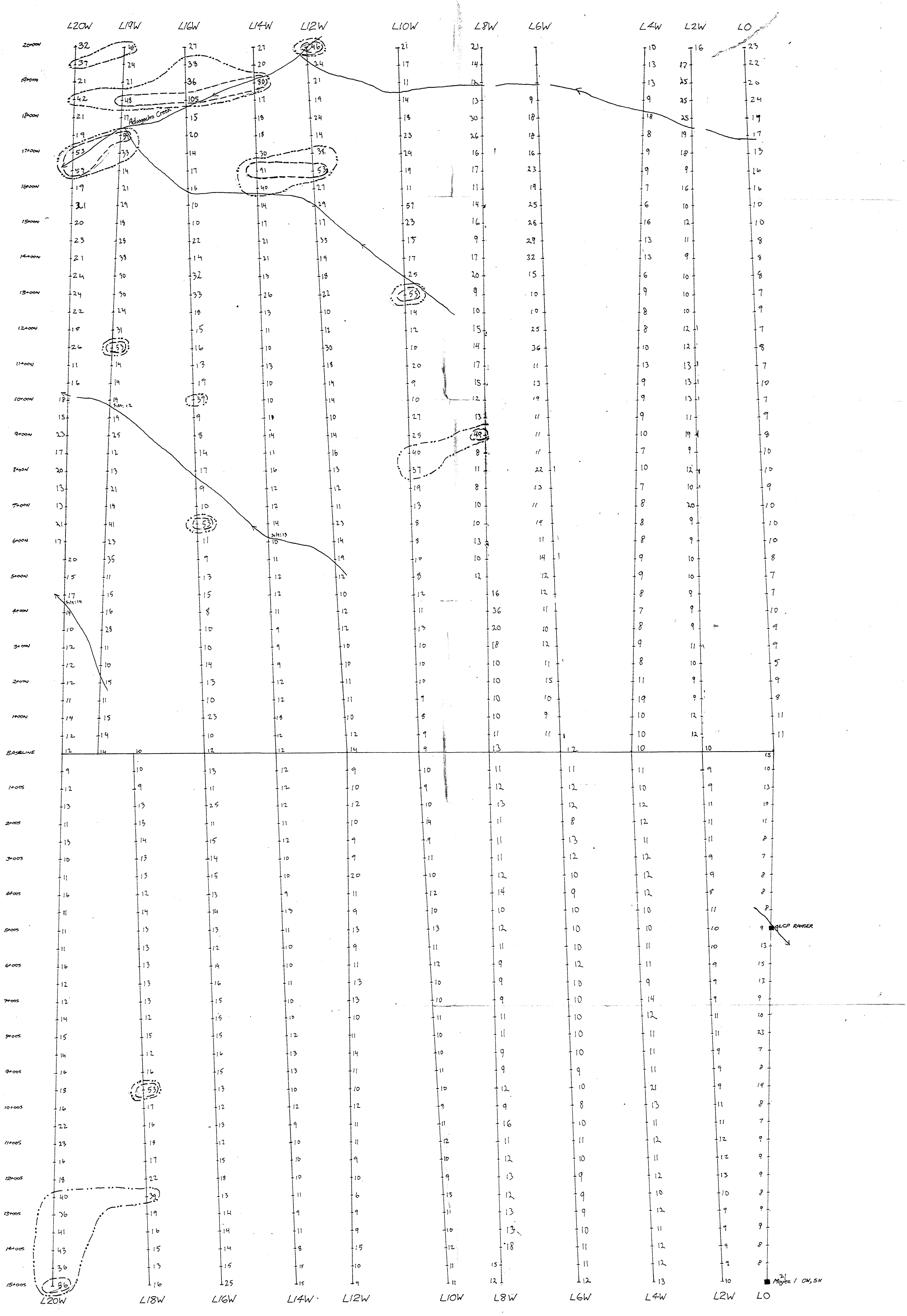


FIG. 11
15,081

RANGER CLAIMS CUSAC INDUSTRIES VLF PROFILES

NTS: 94E/11

BASELINE RESOURCES LTD.

INSTRUMENT: SABRE ELECTRONICS MODEL 27 VLF-EM RECEIVER
STATION : ANNAPOLIS, MD

SCALE
0 500

DIP ANGLE SCALE
1mm = 1degree

TRANSMITTER DIRECTION
SE

N

SCALE 1:5000

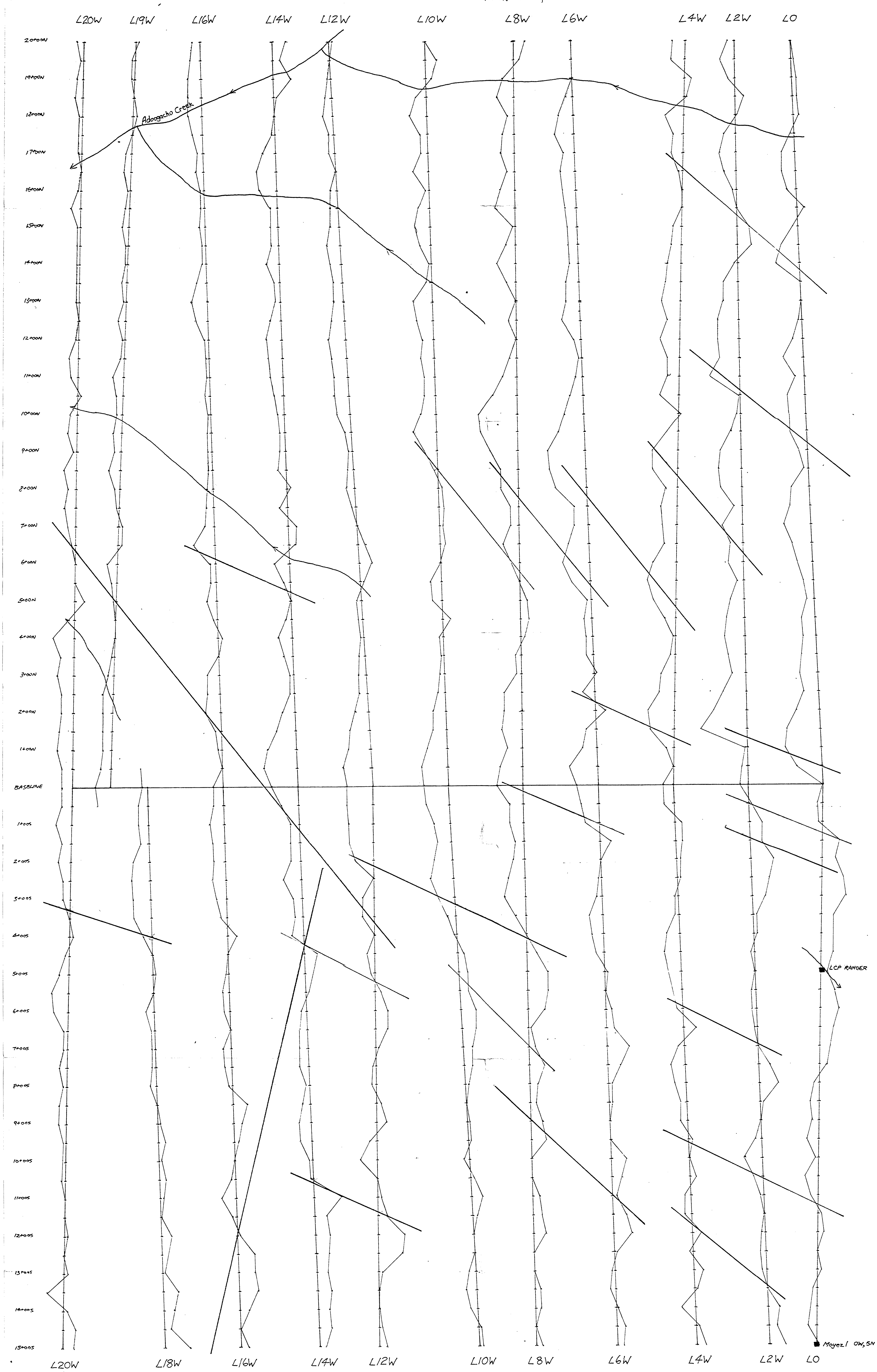


FIG. 12

15,081

RANGER CLAIMS
NTS94E/ 11

BASELINE RESOURCES LTD.

CUSAC INDUSTRIES VLF ANOMALIES
FRASER FILTER DATA

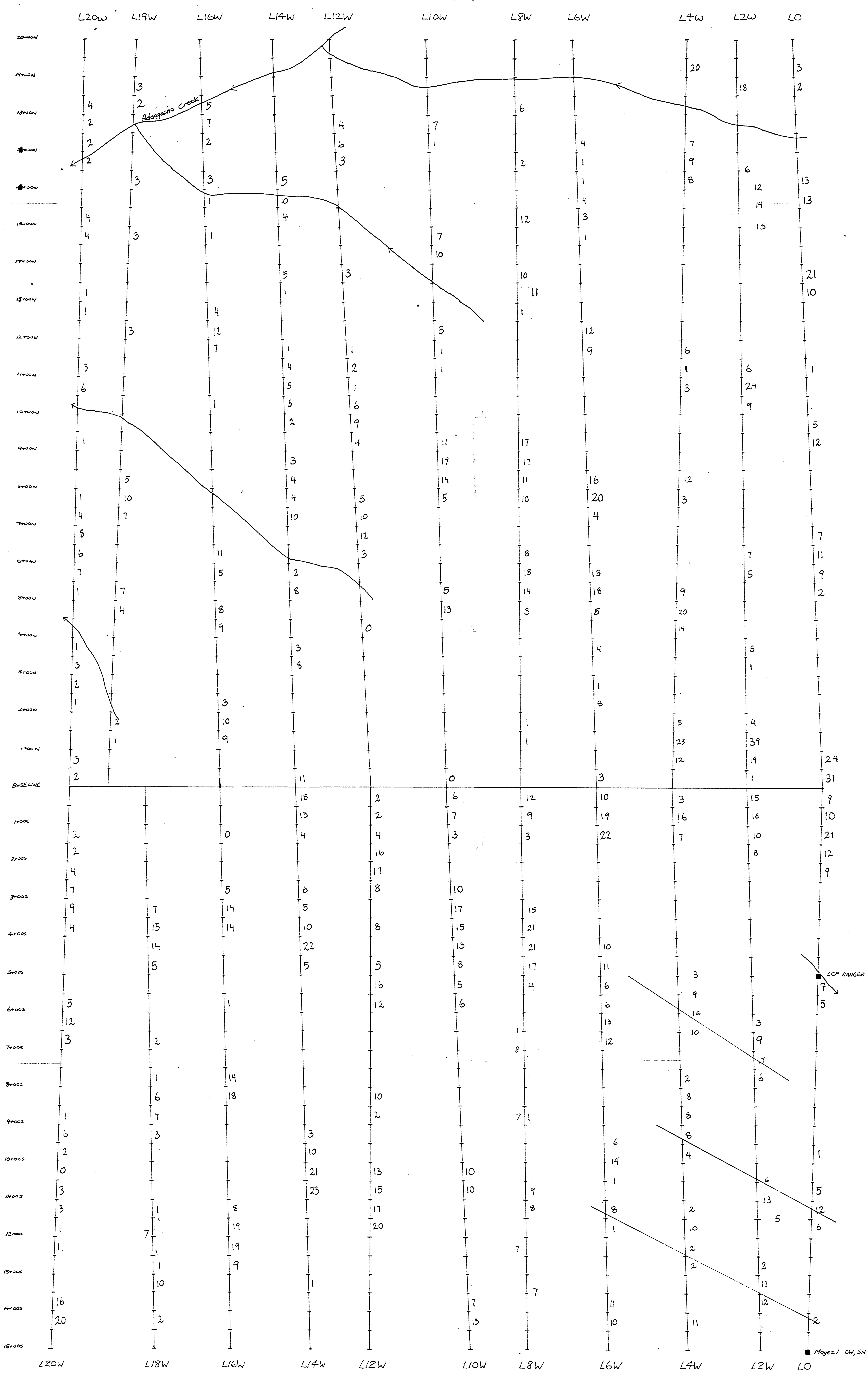
INSTRUMENT: SABRE MODEL 27 VLF RECEIVER
STATION: ANNAPOLIS, MD

SCALE
0 500

TRANSMITTER DIRECTION
SE

N

SCALE 1:5000



RANGER CLAIMS CUSAC INDUSTRIES

FIG. 13

15,081

MAGNETOMETER PLAN MAP

NTS:94E/ 11 INSTRUMENT: SCINTREX MPZ PROTON MAGNETOMETER

MEASUREMENT: TOTAL FIELD IN GAMMAS.

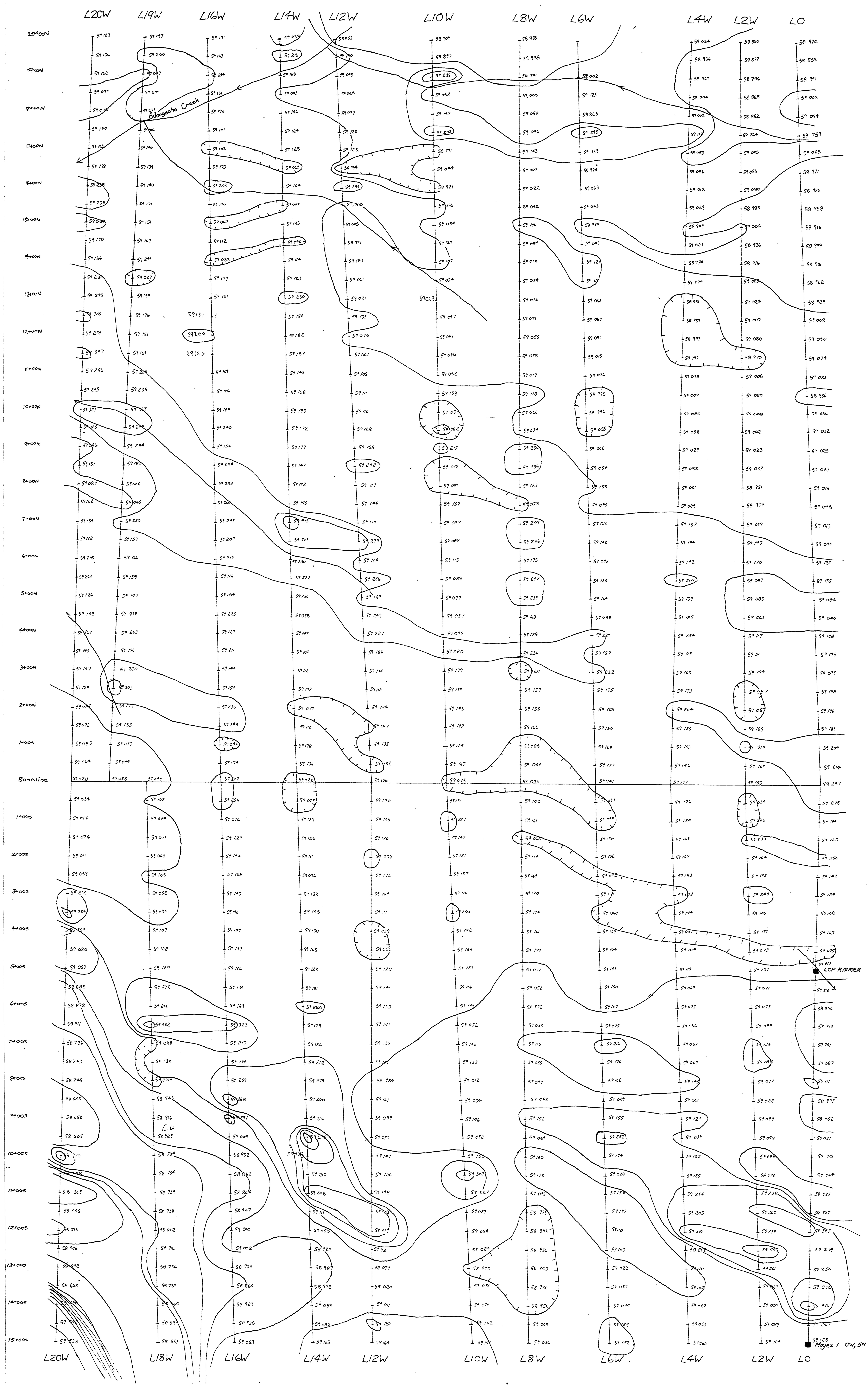
BASELINE RESOURCES LTD.

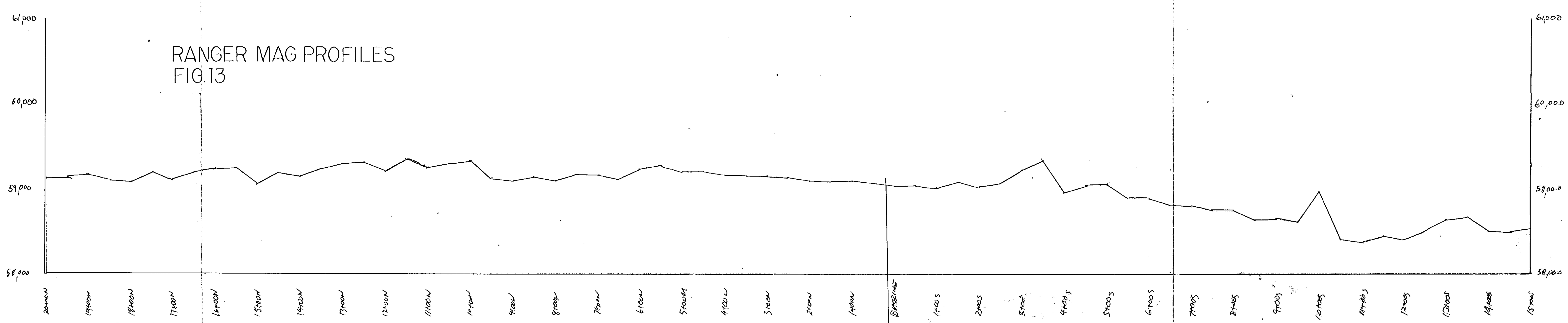
SCALE

0 500

N

SCALE 1:5000





RANGER MAG PROFILES
FIG.13

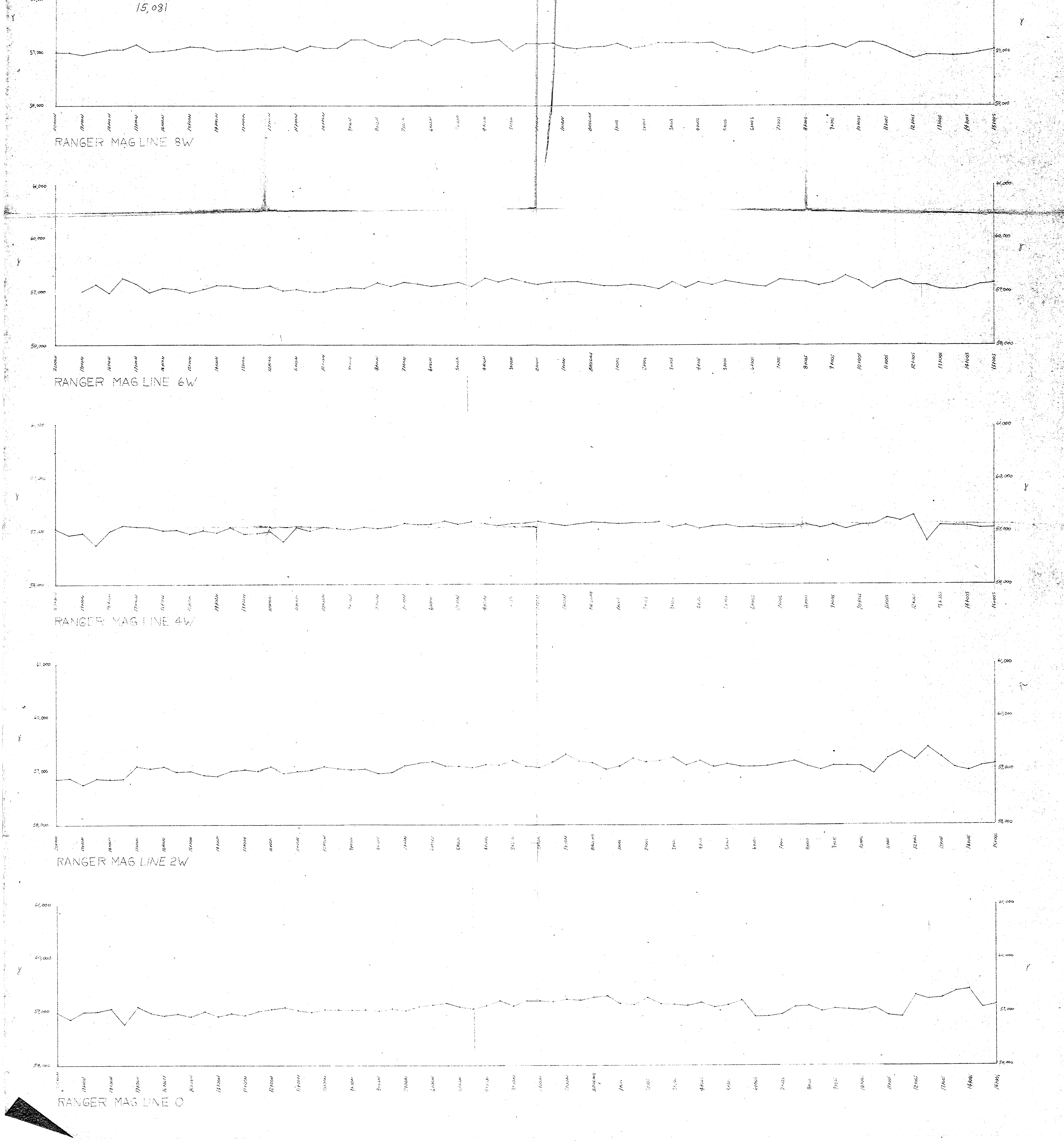
RANGER MAG LINE 20W
15,081

71336

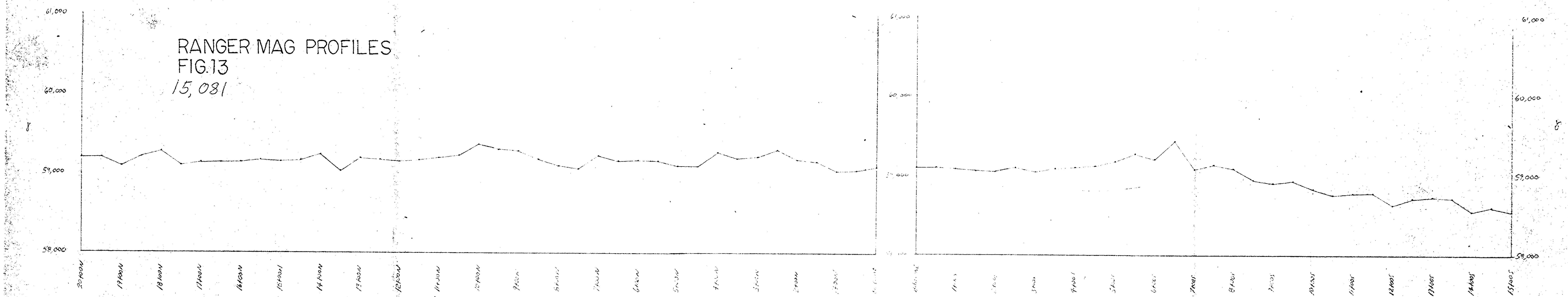
RANGER MAG PROFILES

FIG. 13

15,081

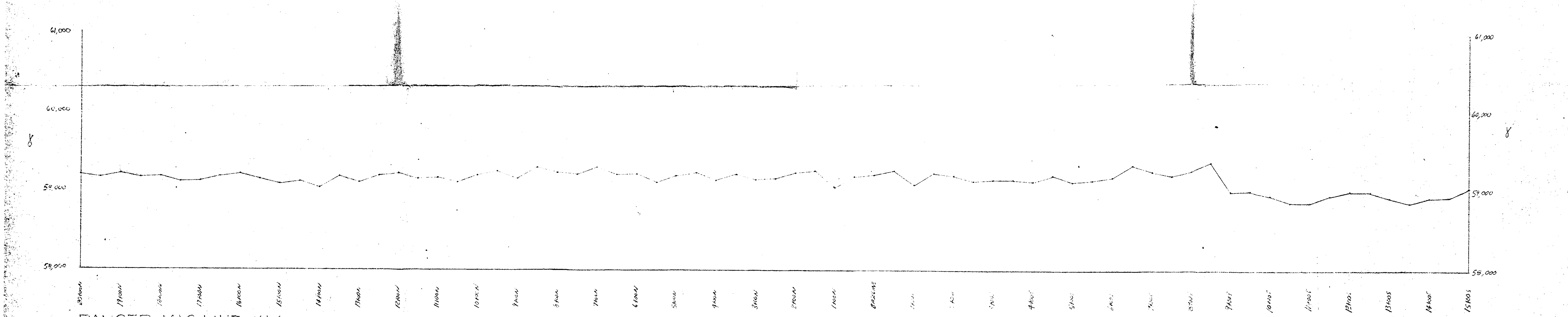


RANGER MAG PROFILES
FIG.13
15,081

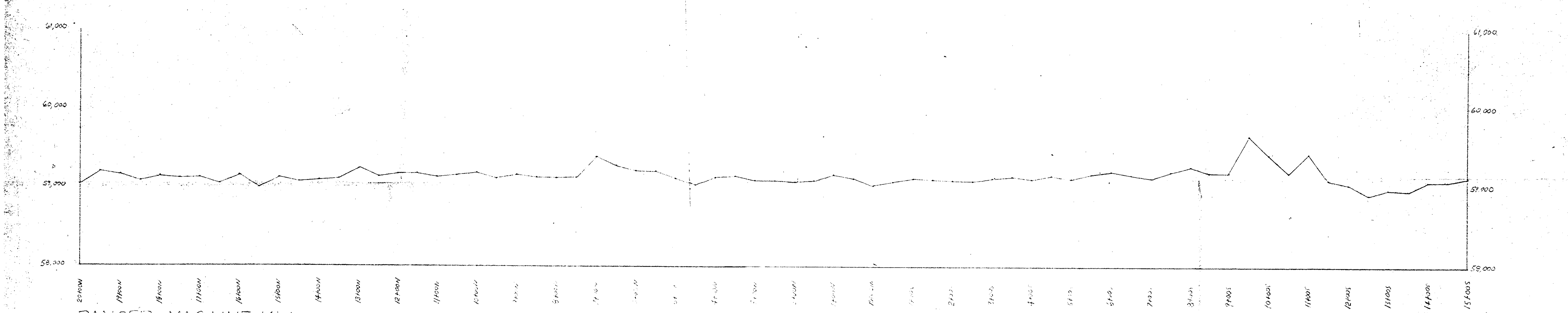


RANGER MAG LINE 19W

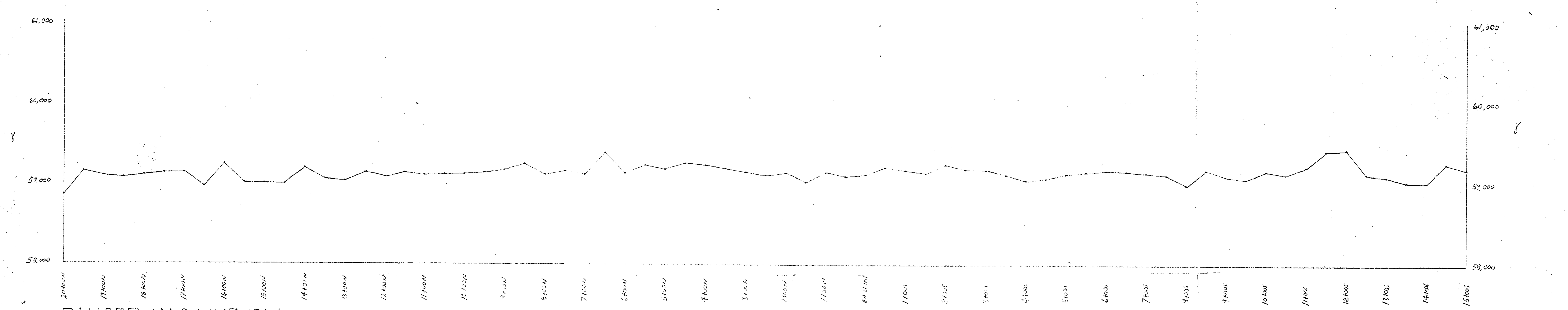
RANGER MAG LINE 18W



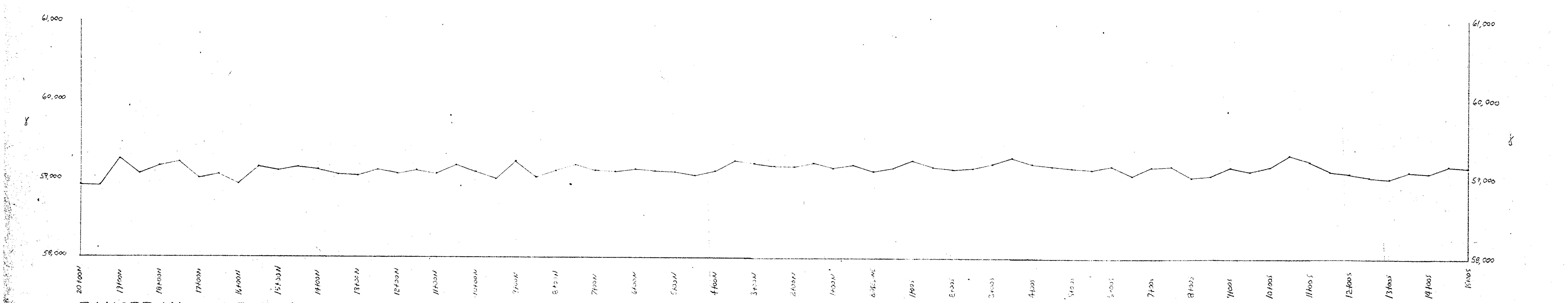
RANGER MAG LINE 16W



RANGER MAG LINE 14W



RANGER MAG LINE 12W



RANGER MAG LINE 10W