BC Gold Syn Monthly Rpt May 1980

JCS OFFICE

B.C. GOLD SYNDICATE

MONTHLY REPORT

by J.T. Shearer

May 1980

671527

B.C. SYNDICATE

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MONTHLY REPORT

May 1980

by

J.T. SHEARER

May 30, 1980

Crescent Inlet.

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS AND TABLES

TABLES

SUMMARY

(1) A comprehensive program was initiated on the Crescent consisting of detail geological mapping, deep soil sampling, bulk soils, orientation induced polarization, ground magnetometer, rock geochemistry and trenching. Preliminary results should be available shortly.

(2) An assessment report is presently being written on the Alder Group One to Three. Work totalling $22,657.84 will be filed at the end of June.

(3) A one week prospecting camp was established in Lomgon Bay north of Tasu minesite. Visual indications of mineralization warranted the staking of 6 two post claims. These claims will be recorded if results are not received before the 30 day recording deadline.

(4) Prospecting was also conducted from Wilson Bay. Several interesting areas were examined and follow up work appears likely. Sample results are pending.

(5) A Summary Report is presently being written on work conducted on the Golden Eagle Area in 1979.

INTRODUCTION

The 1980 property work on Crescent Claims was started in May. Contract Linecutting, Induced Polarization and deep soil sampling were completed. Large scale hand trenching was initiated by Bema Industries personnel and will be continued throughout June. Geological mapping is progressing on the units surrounding the 1979 detail grid at a scale of 1:5000.

Prospecting from camps in Lomgon and Wilson Bays has indicated several areas that warrant detail follow up work. Six 2 post claims have been located at Lomgon Bay to protect silicified, pyritic zones associated with a Masset-age Feldspar porphyry stock. Supplies from this work were obtained from the Tasu Co-op which was facilitated by prior arrangement with Mr. C. Stafford, Mine Manager.

Results have been received for sampling conducted on the Alder Claims during April and have been shown on Figures attached to the April monthly report. A detail discussion of the Alder Program will be incorporated into an assessment report to be filed in late June for credit totalling $22,657.84.

Geological mapping on the west side of Gabbro Hill, mainly on Crescent 5 and 6, is planned from a camp in Wilson Bay during June. Reconnaissance prospecting is scheduled for the area around Crescent Inlet concentrating on Inner Bay, Pacofi Bay - Red Top Mountain and outer Crescent Inlet. Some property work will be done on Hawks Nest and Tar claims. In late June, work should commence in the Burnaby Island - Skincuttle Inlet areas. A more detailed evaluation of south eastern Lyell Island will be carried out before the end of July. Tentatively, the move to Easy Inlet on Vancouver Island is scheduled to occur around July 25. A few days of office compilation will be needed to assemble the Crescent and Alder Assessment reports.

Dr. T. Reimchen, a biologist who is engaged in a long term study of the stickleback visited the Crescent Camp. There were no stickleback in Crescent Lake but Reimchen did note some salmon fry. Apparently they were able to get up the waterfall or perhaps eggs were c carried up by loons.

Discussions with JMT personnel regarding Hydrawink drilling by Globe Drilling Ltd.
9471 Ferndale Road,
Richmond B.C. V6Y 1X4 681-2924
indicate that this type of drill is very well suited for work in the Queen Charlotte Islands. In good ground near Sheila Lake over 200 feet of BQ core was taken in 2 shifts on the first day without moving out of high gear.

TIME ALLOCATION

From May 1 to May 31 the time allocation to various classifications is tabulated below:

TABLE 1

TIME ALLOCATION MAY 1980

Item	Man Days
Prospecting	31
Geology	31
Geochemistry (all day)	6
Camp Construction and Moves	20
Travelling	16
Office	27

Drafting	8
Trenching	12
Linecutting, and line compassing	21
Slope chaining	13
Magnetometer	9
Cooking	20
Induced Polarization	28
Staking	4
Total	246 Man days

All days are applicable to the Crescent Group except for 59 days on general prospecting. The crew ranged from 8 to 11 with two contract personnel alternating between P. Walcott on IP and Bema Industries on deep soil sampling. Camp construction time is high due to setting up of the Crescent camp.

The arrival of G. Marchak on May 2, J. Pautler on May 9, and Audrey Heagy, K. Swartz and K Stauffert on May 16 completed the crew for 1980. W. Shuurman and R. Summerfield were hired temporarily to help out on the IP crew. J. Clarke left on May 24 to sign on at Kitsault as was previously expected. Some short term employees, Mike Heroux are expected to be hired from Sandspit to assist on trenching during June.

Office time is very high due to a foot injury to J. Shearer. Reports on Golden Eagle, Alder and Crescent Groups are being prepared.

Individual time sheets are contained in Appendix I.

EXPENDITURES

Up to the end of May, the program has spent approximately $89,253.23. The larger field items are:

(a) Helicopter time - 5.6 hours

(b) Fixed Wing

5 Otter trips @ $210.00 = $1,050.00

4 Beaver trips @ $186.00= 744.00

(c) Truck Costs

(1) Mileage - 210 Miles

(2) Gas -

(d) Boat Costs

(1) Gas - 40 gallons

Helicopter time is slightly more than anticipated since most of the contractors gear for both IP and overburden sampling was flown up as well as down from Gabbro hill. Since the last food order from Sandspit Market was nowhere near complete and the scheduled closure of the store in June is approaching, all groceries will be bought from City Centre Store in Queen Charlotte City. Hopefully a new store will open in Sandspit in the future.

CAMPS AND AREAS PROSPECTED

(A) CRESCENT CLAIMS (103B/12W, 13W)

(1) Introduction

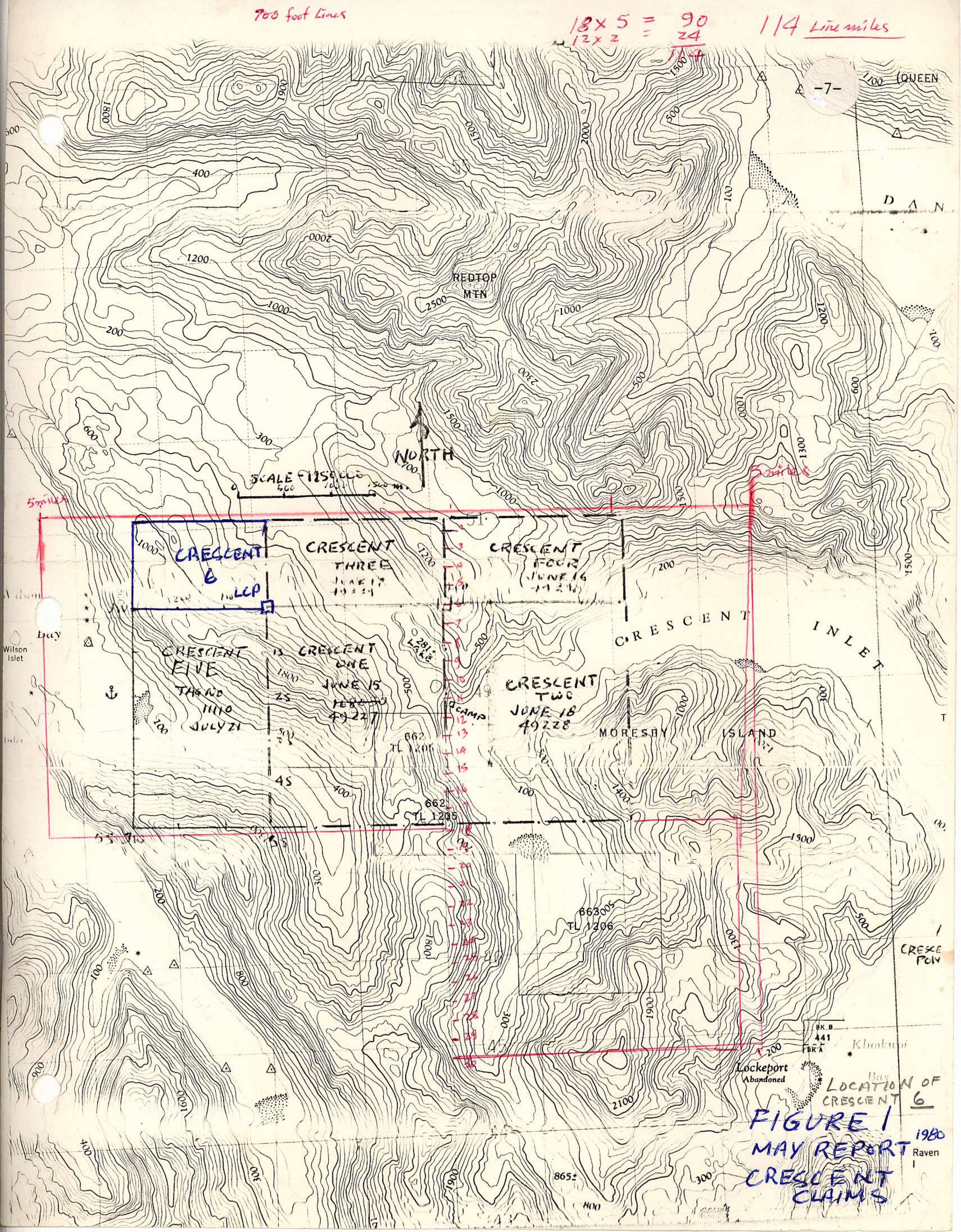
Crescent #6 was staked on May 10 as shown in Figure 1. Prospecting in this area was conducted from the Wilson Bay Camp.

Linecutting and slope chaining was completed prior to the arrival of the IP crew. J. Plosz from Sandspit was hired to do the cooking while the contractors were in camp.

Weather at Crescent Inlet was very sunny and dry during most of May. Unfortunately the contractor lined up to start trenching on Gabbro Hill from June 2 will not be available. Geoff Wilkinson, of Bema Industries carried out some of the initial trenching but also sustained a leg injury. K. Swartz and M. Heroux will continue trenching throughout June.

(2) Geology

A progress report on geological mapping on the Crescent Claims has been prepared by J. Pautler and is contained in Appendix IV. Essentially the areas surrounding the detail grid on Gabbro Hill is being mapped at 1:5000. Fill in work on the detail grid at 1:2500 is expected shortly. A fly camp in Wilson Bay will be used to reach the western portions of the claims.


900 foot Lines
18 x 5 = 90
12 x 2 = 24
114
114 Line miles
QUEEN
DAN
REDTOP
MTN
NORTH
SCALE
5 miles
CRESCENT 6
LCP
CRESCENT THREE
CRESCENT FOUR
CRESCENT FIVE
JULY 21
CRESCENT ONE
JUNE 15
49227
CRESCENT TWO
JUNE 18
49228
CAMP
CRESCENT INLET
MORESBY ISLAND
Wilson Islet
Bay
662
TL 1205
663
TL 1206
Lockeport
Abandoned
Raven
LOCATION OF CRESCENT 6
FIGURE 1
MAY REPORT 1980
CRESCENT CLAIMS

(3) Geochemistry

Eight bulk samples of 30 lb each were sent to Mr. Averill at Overburden Drilling Management, Ottawa, on May 20. A heavy and middle density fraction will be separated and the concentrate sent to Chemex for analysis. Five samples were from Gabbro Hill with 2 from the Red Seam and one from East Creek.

37 samples were taken by Bema Industries mainly on Gabbro till. The deepest sample proved to be just over two meters. The overburden sampling tool was able to penetrate well into the weathered bedrock but the thin clay layer, if it does exist under the swamps, could not be kept in the sampler. In summary the sophisticated equipment used by Bema was not necessary for the conditions encountered at Crescent and they finished in about ½ the time anticipated, had bedrock been deeper. Location for the Bema holes and bulk soil samples is plotted on Figure 2. (in pocket)

(4) Induced Polarization

Peter Walcott and Associates completed an IP survey of about 8 km in 8 days. Since only copper wire was available which was difficult to pull along the lines, two extra helpers were used to speed up the survey. Eventually a pole-dipole array was used instead of the usual dipole-dipole.

Mr. Walcott will produce a report suitable to include in an assessment report before July 1, 1980.

Results of the IP survey are shown in prelinimary form in Figures 3,4,5,6,7,8, and 9 (in pocket).

On pseudosection 00, Figures 3 and 4 (in pocket), there are several strong IP effect anomalies within the interval 050 south to 350 north. On Figure 4 the near surface effects of these anomalies is shown more clearly by the 20m spacing. This area could be tested by drilling an angle hole from 350 north towards the southwest. A variety of pyrite (pyrrhotite) rich gabbro phases with short rhyolite sections would be expected. The gold soil anomaly also extends over this area. but is not as high compared to the soils around 450 to 550 north.

IP effects are down to background levels over 400 north up to 1200 north.

Similar IP and resisivity values are found on 100W line (Figure 5) with a strong high IP effect around 100 north. The 100E line (Figure 6) is much weaker.

A somewhat unexpected result for the Red seam area was delineated. Figures 7, 8 and 9 (in pocket) show a high IP effect along 600E (Figure 9) whereas very low values were noted on 400E (Figure 7). The trench at 200N 500E responds as a very shallow anomaly. One possible explanation for the observed configuration is that the gabbro-Yakoun contact is dipping gently to the west.

(5) Magnetometer

The proton magnetometer and recording base station was received on May 20. Apparently the machine was sent from Toronto on May 15. Flight arrangements were made for the magnetometer coming into Sandspit on May 15. Also the manual for the Simpson chart recorder was not included with the base station.

Using the base station proved to be a very convenient and accurate method of surveying the grid. Lines read in duplicate are reasonably close in each survey. The magnetometer and base station should be shipped out on June 5, 1980.

A fairly complex pattern of magnetic variation is emerging for results plotted to date. A finished map will be produced by early June.

(B) ALDER GROUP (103B/6W)

(1) Assessment Report

Work performed in April has now been compiled and an assessment report is being written for filing in late June. Conclusions and Recommendations will be included in that report.

Tables 2,3,4, and 5 give the statement of costs that will be filed for assessment credit. The totals are:

Alder Group One	-	$ 10,503.43
Alder Group Two	-	4,828.03
Alder Group Three	-	7,326.38
Grand Total		$ 22,657.84

Assessment credit will be applied as follows:

Alder Group One	1979 work	-	4 years on Abalone 1 - 4 and Fr	
			1 year on Alder Gold 1	
	1980 work	-	2 years on Abalone 1 - 4 and Fr	
			3 years on Alder Gold 1	≥ $ 9,200.00

Alder Group Two	1979 work	-	1 year on each Alder Gold 2 & 3	> $ 3,800.00
	1980 work	-	1 year on each Alder Gold 2 & 3	
Alder Group Three	1979 work	-	1 year on Alder One Only	> $ 8,000.00
	1980 work	-	2 years on Alder One and Rambler Phoenix taking 673.62 out of PAC	

Apparently the 10,000 ppb results on Alder Island are not being automatically assayed for oz/ton and another request will have to be made.

TABLE II

STATEMENT OF COSTS

ALDER GROUP

Field time April 5 to 25, 1980

WAGES AND FRINGE BENEFITS			
J.T. Shearer	24 days @ 84.33 per day	$ 2023.92	
Bryan Fraser	21 days @ 68.15 per day	1431.15	
J.D. Clarke	24 days @ 70.56 per day	1693.44	
S.E. Angus	24 days @ 63.15 per day	1515.60	
W.K. Mysyk	17 days @ 84.33 per day	1433.61	
	Total Wages		$ 8,097.72
FOOD AND CAMP SUPPLIES			
110 man days @ 12.00 per day		$ 1320.00	
Boat Rental 24 days @ 30.00 per day		720.00	
Lumber for tent frames		632.02	
Tent Rental		300.00	
Single Side band radio rental		150.00	
Powder and Fuse		210.70	
			$ 3,332.72
EXPEDITING SERVICES			$ 250.00
RENTAL OF COBRA DRILL			$ 350.00
TRANSPORTATION - AIR			
Trans Provincial Airlines - Mob	- 3 Otter trips	$ 978.00	
Supply	- 3 Beaver trips	795.00	
demob	- 3 Otter trips	385.00	
Pacific Western Airlines - Sandspit	5 man crew	639.20	
			$ 2,797.20

AIRBORNE MAGNETOMETER SURVEY - Inv. #1 March 19/80		$ 4,130.00	
Fluxgate Magnetometer Rental		300.00	
			$ 4,430.00
GEOCHEMISTRY			
Soil Samples -	206 Soils @ 6.25 + .45 = 6.70/sample for Au and As Certificate No.	$ 1,380.20	
Rock Samples	139 Rocks @ 6.25 + 1.25= 8.00/sample Certificate No.	1,112.00	
			$ 2,492.20
SHIPPING SAMPLES			58.00
REPRODUCTION AND DRAFTING			350.00
REPORT PREPARATION, TYPING			500.00
			$ 22,657.84

TABLE III

STATEMENT OF COSTS

ALDER GROUP ONE (SUBDIVISION) = 49.1% of total man days

Field time April 5 to 25, 1980

WAGES AND FRINGE BENEFITS

J.T. Shearer	9.5 days @ 84.33 per day	$ 801.14	
Bryan Fraser	10.5 days @ 68.15 per day	715.58	
J.D. Clarke	14.5 days @ 70.56 per day	1,023.12	
S.E. Angus	13.5 days @ 63.15 per day	852.53	
W.K. Mysyk	6 days @ 84.33 per day	505.98	
			$ 3,898.35

ITEMS COMMON TO ALDER GROUP ONE, TWO AND THREE

Boat Rental	720.00	Alder Group One - 49.1%	=	353.52
Lumber for tent frames	632.02	"	=	310.31
Tent Rental	300.00	"	=	147.30
Expediting Services	250.00	"	=	122.75
Single Side band radio rental	150.00	"	=	73.65

TRANSPORTATION

Fixed Wing		$2,158.00	49.1% =	1,059.58
Pacific Western Airlines		639.20	" =	313.84
Sample Shipments		58.00	" =	28.48
Reproduction and drafting		350.00	" =	171.85
Report preparation and typing		500.00	" =	245.50
Airborne Magnetometer - Invoice #1 March 19/80 - Evergreen Expl.		4,130.00	22% of area	908.60

ITEMS ONLY ON ALDER GROUP ONE

Food and Camp supplies	54 man days @ 12.00 per man		648.00
Geochemistry - 110 soils @ 6.70		$ 737.00	
78 rocks @ 8.00		624.00	
			1,361.00
Fluxgate Magnetometer Rental			300.00
Cobra Drill Rental			350.00
Powder and Fuse			210.70
TOTAL ASSESSMENT WORK ON ALDER GROUP ONE			$ 10,503.43

TABLE IV

STATEMENT OF COSTS

ALDER GROUP TWO (SUBDIVISION) = 18.2% of total man days

Alder Gold 2 and 3 = 38 units

Field time April 5 to 25, 1980

WAGES AND FRINGE BENEFITS

J.T. Shearer	7.5 days @ 84.33 per day	$ 632.48	
Bryan Fraser	3.5 days @ 68.15 per day	238.53	
J.D. Clarke	2.5 days @ 70.56 per day	176.40	
S.E. Angus	3.5 days @ 63.15 per day	221.00	
W.K. Mysyk	3 days @ 84.33 per day	252.99	
			$ 1,521.40

ITEMS COMMON TO ALDER GROUP ONE, TWO AND THREE

Boat rental	720.00	Alder Group Two = 18.2%	=	131.03
Lumber for tent frames	632.02	"	=	115.06
Tent Rental	300.00	"	=	27.30
Expediting services	250.00	"	=	45.50
Single side band radio rental	150.00	"	=	54.60

TRANSPORTATION

Fixed wing	$2,158.00	18.2%	=	392.76
Pacific Western Airlines	639.20	"	=	116.32
Sample Shipments	58.00	"	=	10.56
Reproduction and Drafting	350.00	"	=	63.70
Report preparation and typing	500.00	"	=	91.00
Airborne Magnetometer - Invoice #1 March 19/80 - Evergreen Expl.	4,130.00	38% of area		1,569.40

ITEMS ONLY ON ALDER GROUP TWO

Food and Camp supplies 20 man days @ 12.00 per man	240.00
Geochemistry - 42 soils @ 6.70 per sample	281.40
21 rocks @ 8.00 per sample	168.00
TOTAL ASSESSMENT WORK ON ALDER GROUP TWO	$ 4,828.03

TABLE IV

STATEMENT OF COSTS

ALDER GROUP THREE (SUBDIVISION) = 32.7% of total man days

Alder One, Rambler Phoenix = 40 units

Field time April 5 to 25, 1980

WAGES AND FRINGE BENEFITS

J.T. Shearer	7 days @ 84.33	$ 590.31	
Bryan Fraser	7 days @ 68.15	477.05	
J.D. Clarke	7 days @ 70.56	493.92	
S.E. Angus	7 days @ 63.15	442.05	
W.K. Mysyk	8 days @ 84.33	674.64	
			$ 2,677.97

ITEMS COMMON TO ALDER GROUP ONE, TWO AND THREE

Boat rental	720.00	Alder Froup Three 32.7%	=	235.44
Lumber for tent frames	632.02	"	=	206.67
Tent Rental	300.00	"	=	98.10
Expediting service	250.00	"	=	81.75
Single side band radio rental	150.00	"	=	49.05

TRANSPORTATION

Fixed Wing		$2158.00	"	= 705.66
Pacific Western Airlines		639.20	"	= 209.02
Sample Shipments		58.00	"	= 18.97
Reproduction and Drafting		350.00	"	= 114.45
Report Preparation and Typing		500.00	"	= 163.50
Airborne Magnetometer - Invoice #1 March 19/80 - Evergreen Expl.		4,130.00	40% of area	1,652.00

ITEMS ONLY ON ALDER GROUP THREE

Food and Camp Supplies 36 man days @ 12.00 per man day	432.00
Geochemistry - 54 soils @ 6.70 per sample for Au, As.	361.80
40 rocks @ 8.00 per sample for Au, As.	320.00
TOTAL ASSESSMENT WORK ON ALDER GROUP THREE	$ 7,326.38

(C) LOMGON BAY (SINGA CLAIMS) (103C/16E)

A brecciated and silicified pyritic contact associated with a Masset-age feldspar porphyry stock just north of the Tasu Townsite was covered with 6 two post claims.

More work appears necessary to fully evaluate this area especially in the northern portions towards the UMEX Russ claims.

A well written report on the Lomgon Bay Camp is contained in Appendix II. The locations of the Singa Claims and reconnaissance geochemistry are shown in Figures 10, 11 and 12. Results are pending.

(D) WILSON BAY CAMP (103B/12W, 13W)

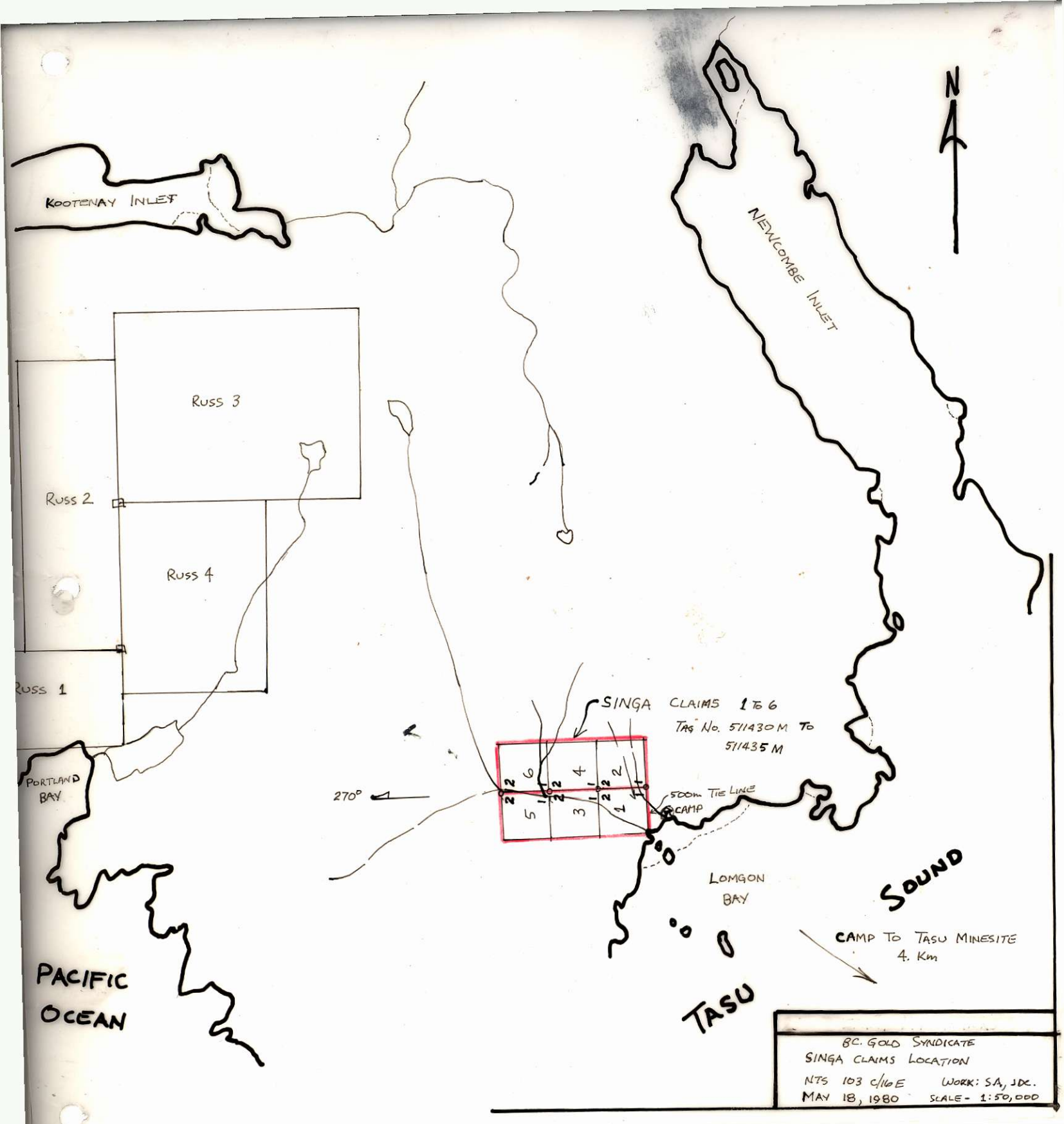
(1) Prospecting Targets

Several targets were examined from the Wilson Bay camp plus some preliminary work on Crescent 6 and the south west corner of Crescent 5. A report detailing the various areas is included as Appendix III. Briefly an old showing was investigated on the south end of Botany Inlet without finding any evidence of previous work. Prospecting in the Two Mountain Bay - CrazyCreek area and along Barrier Bay revealed several interesting zones that may warrant follow up work depending on geochemical results. Figures 13 and 14 show sample locations.

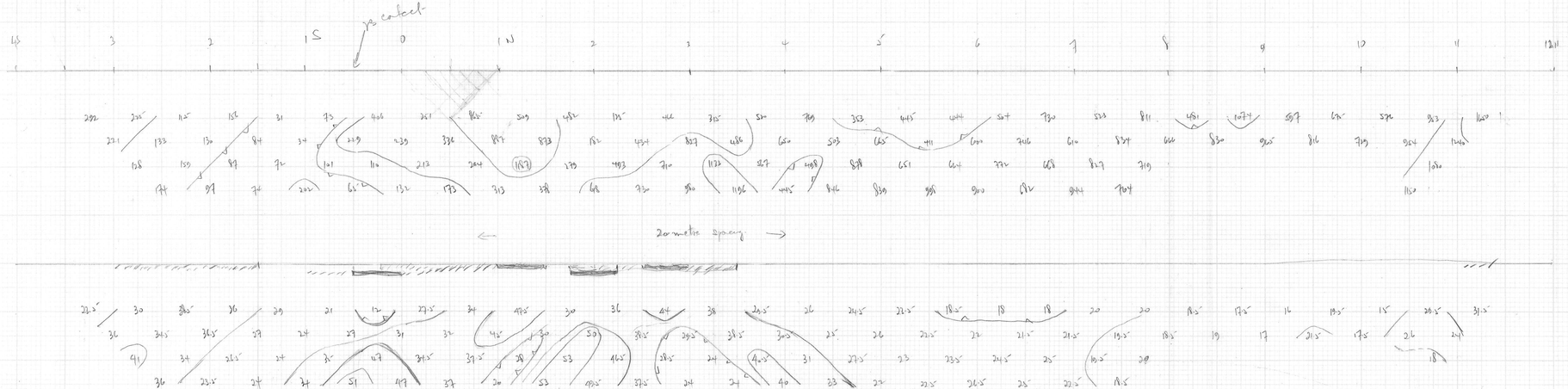
(E) GOLDEN EAGLE (82E/1W)

(1) Summary Report

A report incorporating the geological mapping and soil sampling done on the Golden Eagle Area in 1979 is almost complete. Some


KOOTENAY INLET
NEWCOMBE INLET
N
RUSS 3
RUSS 2
RUSS 4
RUSS 1
SINGA CLAIMS 1 TO 6
TAG No. 511430 M TO
511435 M
PORTLAND BAY
270°
500m TIE LINE
CAMP
LOMGON BAY
SOUND
CAMP TO TASU MINESITE
4. Km
PACIFIC OCEAN
TASU
B.C. GOLD SYNDICATE
SINGA CLAIMS LOCATION
NTS 103 C/16E
WORK: S.A, J.D.C.
MAY 18, 1980
SCALE - 1:50,000

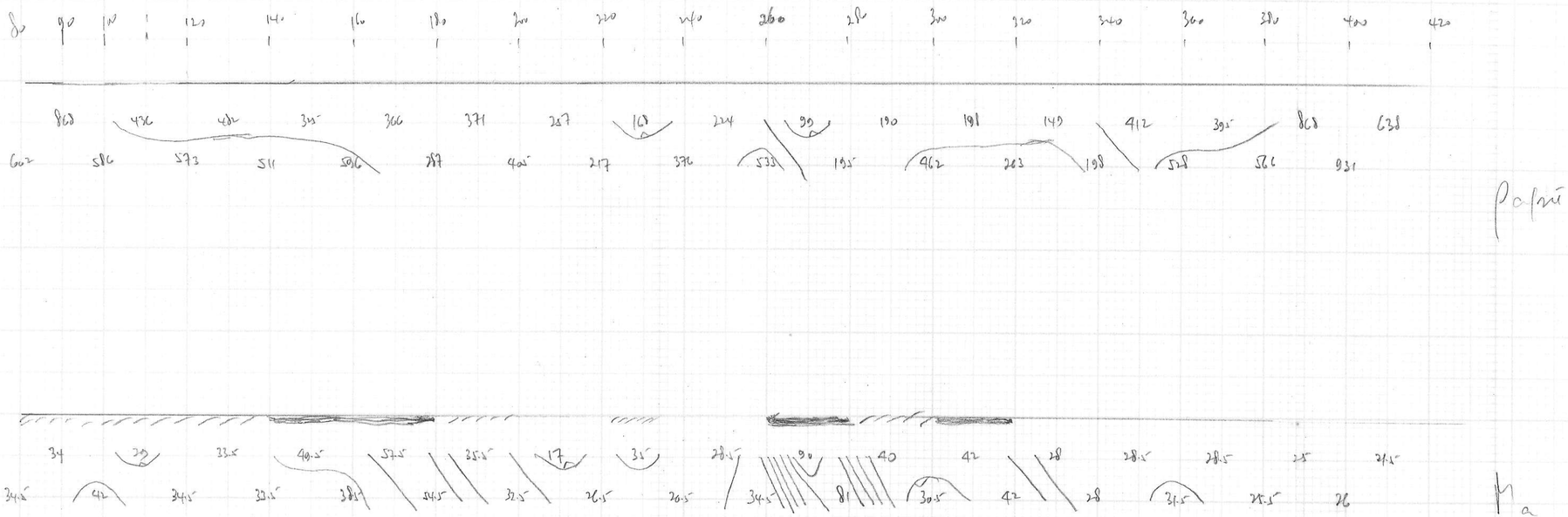
changes in the stratigraphic sequence were made to make the detail mapping more compatible with published work in the Grand Forks map sheet. Minor drafting corrections will be done after the move to Easy Inlet.



L-00
a=50 metre
Dipole Dipole

IP SURVEY
CRESCENT CLAIMS
LINE 00
50m spacing
MAY 80

FIGURE 3
MAY REPORT



Profile

L-00

a = 20m.

Dipole-dipole

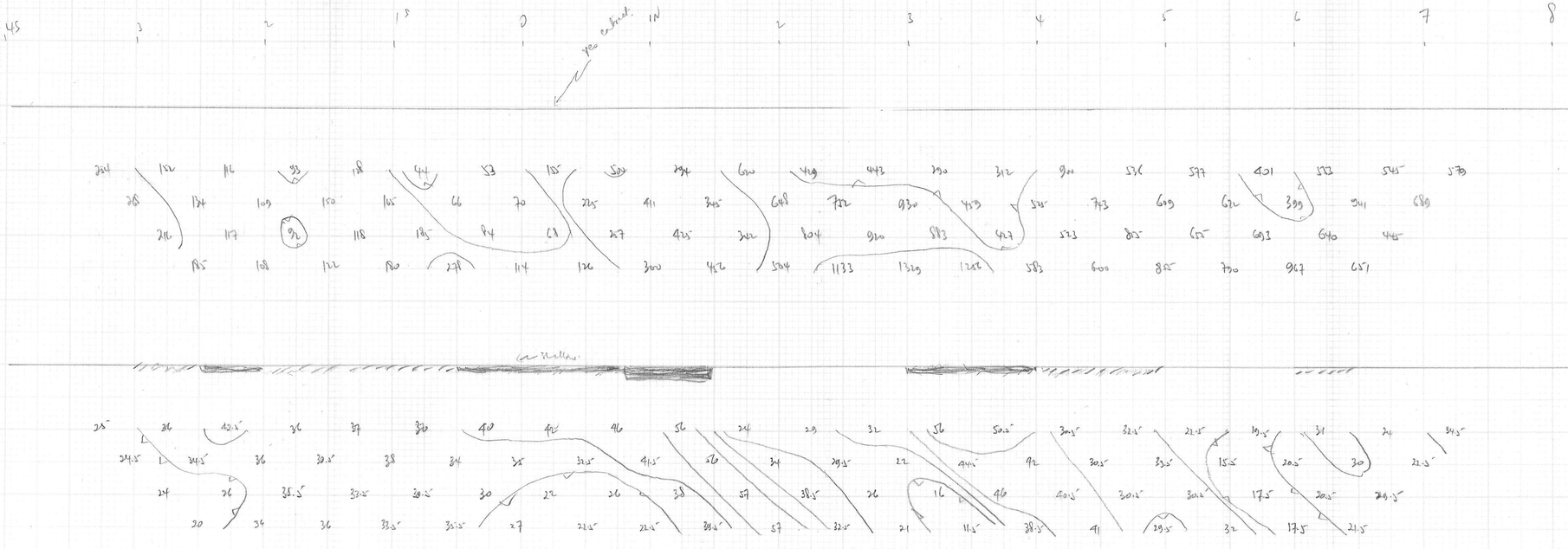
inches

centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

IP SURVEY
CRESCENT INLET
LINE 00
MAY 80 20m spacing

FIGURE 4
MAY REPORT



IP SURVEY
CRESCENT CLAIMS
MAY 80
LINE 100W

FIGURE 5
MAY REPORT

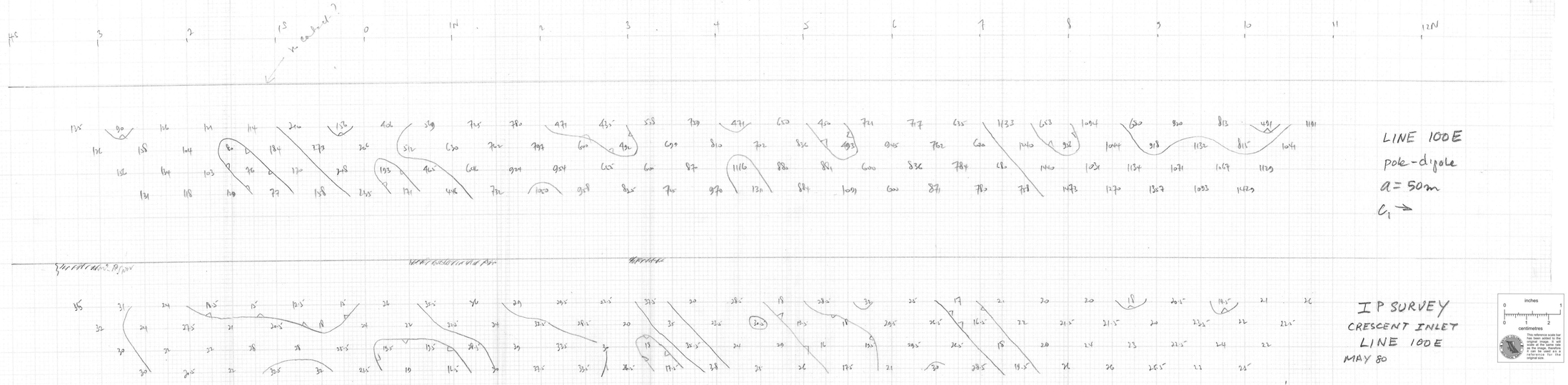
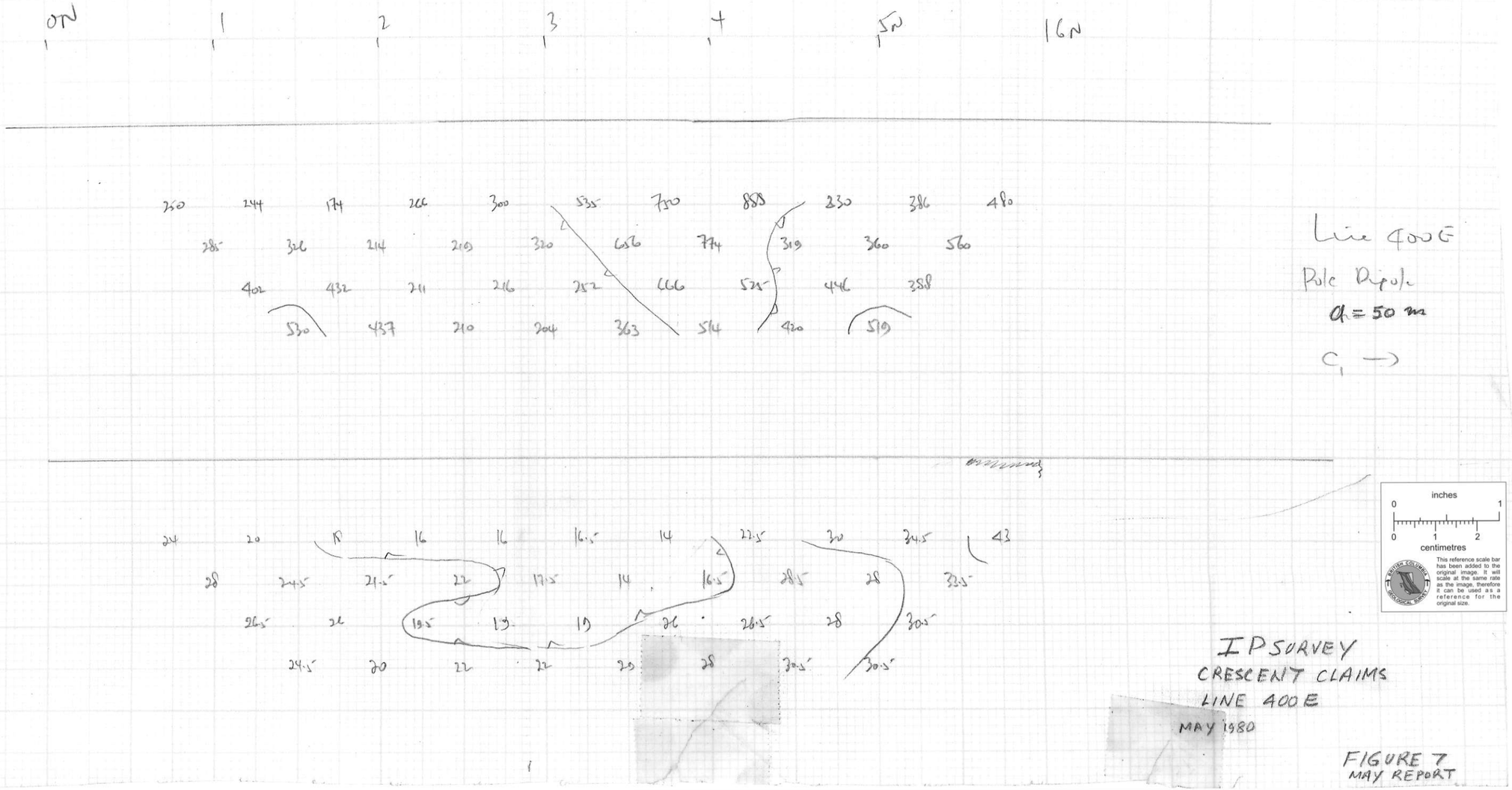
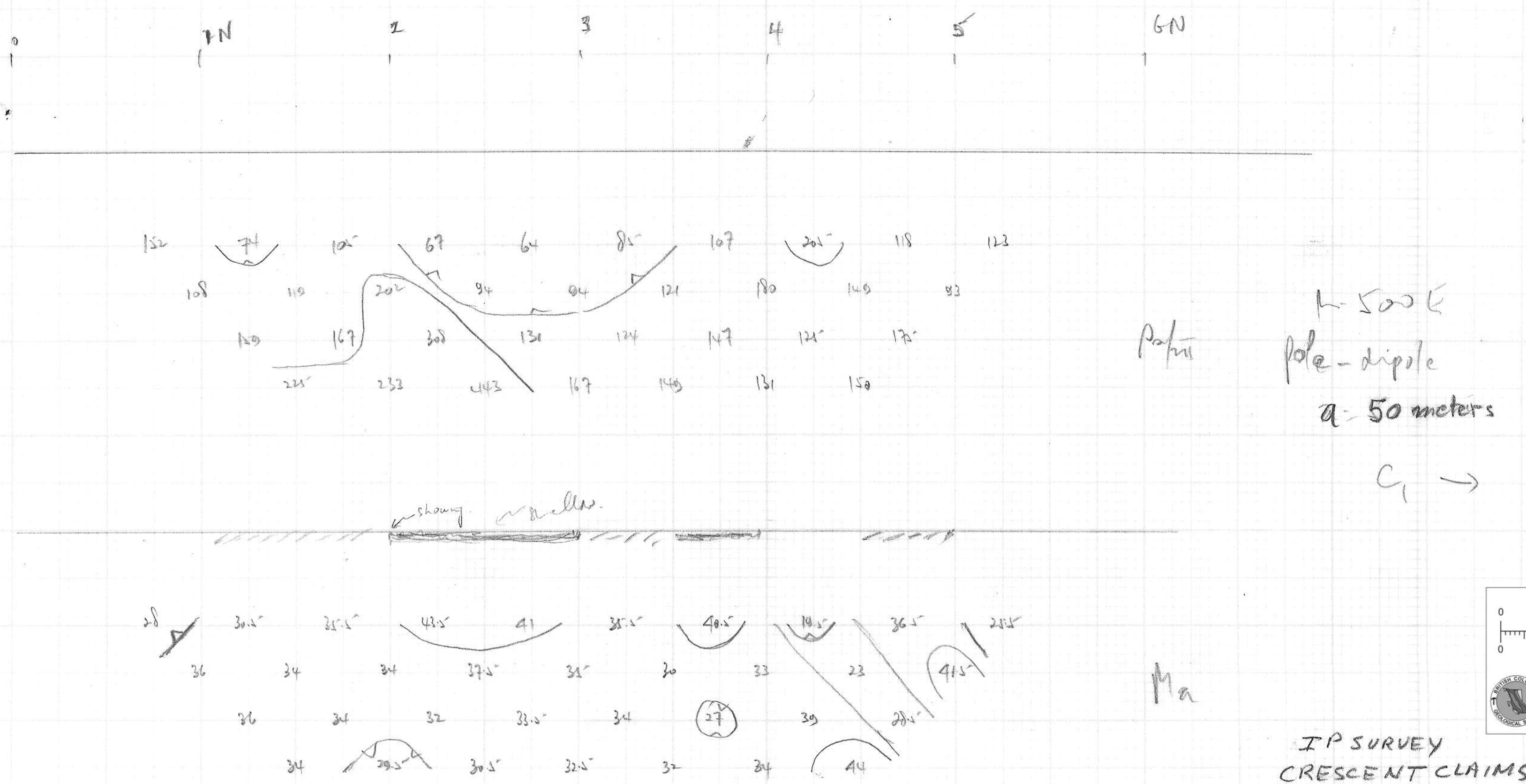


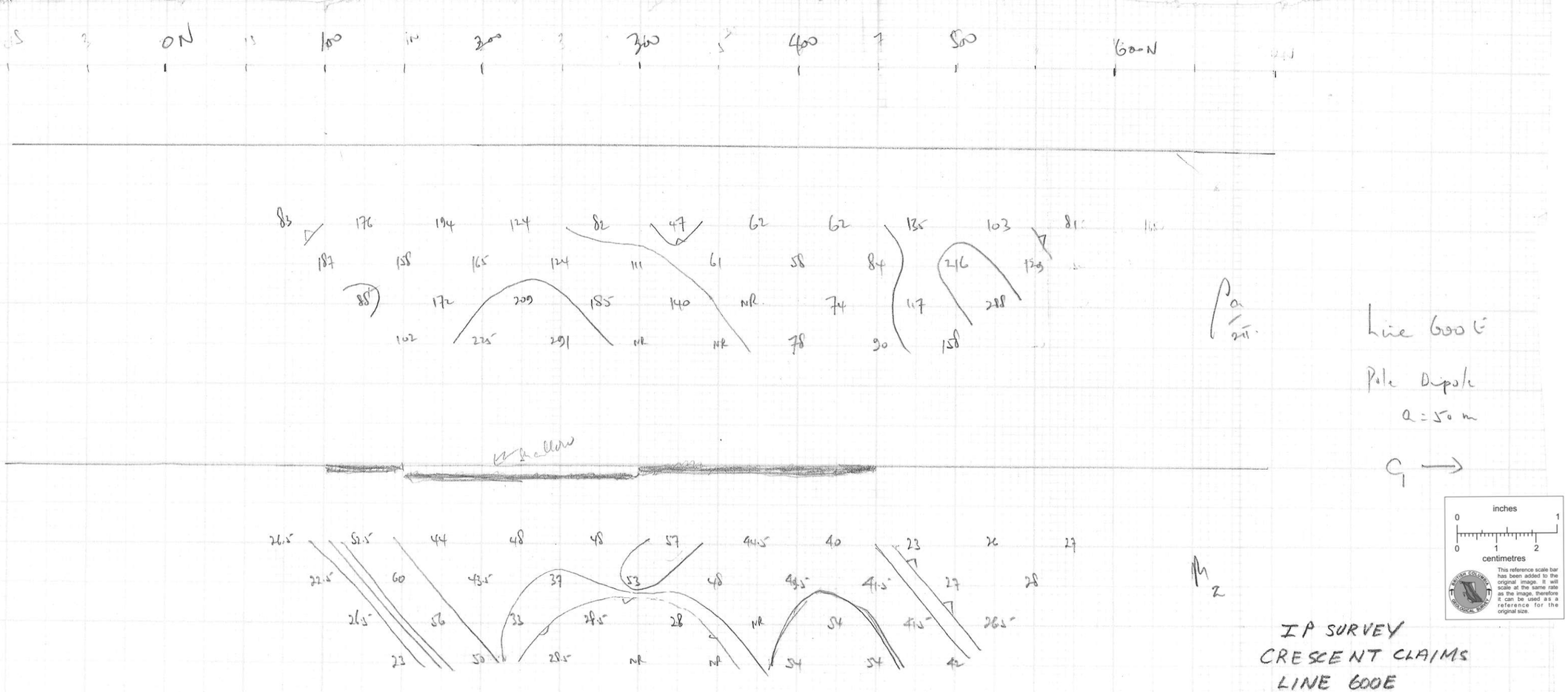
FIGURE 6
MAY REPORT


0N
1
2
3
4
5N
16N
250 244 174 266 300 535 750 888 230 386 480
285 326 214 210 320 636 774 319 360 560
402 432 241 216 252 666 535 446 388
530 437 210 204 363 514 420 519
24 20 18 16 16 16.5 14 27.5 30 34.5 43
28 24.5 21.5 22 17.5 14 16.5 28.5 28 32.5
26.5 21 19.5 19 19 26 26.5 28 30.5
24.5 20 22 22 25 28 30.5 30.5
Line 400E
Pole Dipole
a = 50 m
C1 →
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
IP SURVEY
CRESCENT CLAIMS
LINE 400E
MAY 1980
FIGURE 7
MAY REPORT



IP SURVEY
CRESCENT CLAIMS
LINE 500E
MAY 1980

FIGURE 8
MAY REPORT


Line 600E
Pole Dipole
a = 50 m
inches
centimetres
IP SURVEY
CRESCENT CLAIMS
LINE 600E
MAY 80
FIGURE 9
MAY REPORT

CONCLUSIONS AND RECOMMENDATIONS

Despite minor injuries, the 1980 prospecting and property work is progressing on schedule. Geological mapping and trenching are well underway on the Crescent Claims. Preliminary prospecting results indicate several areas worthy of follow up sampling.

A claim group of 6 two post claims has been located to protect pyritic zones along the margins of a feldspar porphyry stock. Two post claims are also being considered for the Inner Bay area of Crescent Inlet while reconnaissance work is in progress. The one sample anomaly from the Pacofi Bay area will be examined in detail utilizing the zodiac from Crescent Camp. Toward the middle of June camps will be established in the Burnaby Island - Skincuttle Inlet region. Hopefully the crew will finish in the Charlottes around the end of July and proceed to Easy Inlet on Vancouver Island.

A decision on drilling on the Crescent claims should be feasible by the end of July when most of the results will be tabulated. Trenching and channel sampling should be completed by the end of June.

Respectfully submitted,

J. Shearer

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1124 WEST 15th STREET
NORTH VANCOUVER, B.C.
V7P 1M9

TELEPHONE (604) 988-1545

NAME Geordon Marshall

MAY 1980.

MONTHLY TIME RECORD FOR May 1980

DATE	WORK DONE	CHARGE
1		
2	trip up	CRESCENT
3	Construction	CRESCENT
4	construction	CRESCENT
5	Crescent claims	CRESCENT
6		"
7		"
8	chain	"
9	Sloping	"
10		"
11		"
12		"
13		"
14		"
15		"
16	I.P.	"
17		"
18		"
19		"
20		"
21	moved to wilson bay	B.C. Gold General
22	prospecting - botany bug	"
23	food	"
24	prospecting	"
25		"
26		"
27		"
28		"
29		"
30		"
29	TOTAL DAYS WORKED	

A P P E N D I X I

TIME SHEETS

MAY 1980

J. Shearer

S.E. Angus

J.D. Clarke

K.H. Stauffert

J. Pautler

A. Heagy

K. Swartz

G. Marchak

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1124 WEST 15th STREET
NORTH VANCOUVER, B.C.
V7P 1M9

TELEPHONE (604) 988-1545

NAME Swartz, Kenneth J.

MONTHLY TIME RECORD FOR MAY 1980

DATE	WORK DONE	CHARGE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15	(3 hours at Chemex)	
16	TRAVEL: YUR - YZP	
17	I. P. - Crescent	CRESCENT
18	I. P. - Crescent	"
19	I. P. - Crescent	"
20	I. P. - Crescent	"
21	Office - Crescent	"
22	Proton Mag Survey	"
23	chained line	Crescent 3
24	trenching	Crescent
25	trenching	Crescent
26	trenching	Crescent
27	trenching	Crescent
28	trenching	Crescent
29	trenching / blasting	Crescent
30	trenching / blasting	Crescent
31	trenching	Crescent
	TOTAL DAYS WORKED	

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TELEPHONE (604) 988-1645

NAME Audrey Heagy

MONTHLY TIME RECORD FOR May 1980

DATE	WORK DONE	CHARGE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	Toronto to Vancouver	
13	Drafting Van office	Crescent
14	"	"
15	"	"
16	Vancouver to Crescent Inlet	"
17	Geology orientation.	"
18	mapping geology	"
19	"	"
20	Office	"
21	"	"
22	"	"
23	"	"
24	"	"
25	"	"
26	"	"
27	"	"
28	"	"
29	"	"
30	"	"
31	"	"
	TOTAL DAYS WORKED	

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TELEPHONE (604) 988-1545

MONTHLY TIME RECORD FOR May 1980

NAME Jean Pautler

Note - charge marked previously was to B.C Gold → should be Crescent

DATE	WORK DONE	CHARGE
1	"	
2		
3		
4		
5	office	Crescent
6	office	Crescent
7	office	D.C. Syndicate
8	office	Crescent.
9	transient from Vanc to Crescent.	Crescent
10	Chain sloped grid	Crescent
11	looked around property	Crescent
12	Chain sloped grid.	"
13	I. P.	"
14	I. P.	"
15	I. P	"
16	I. P.	"
17	looked around property	"
18	mapping	"
19	mapping	"
20	mapping	"
21	"	"
22	"	"
23	"	"
24	"	"
25	"	"
26	"	"
27	"	"
28	"	"
29	"	"
30	"	"
31	"	"
	TOTAL DAYS WORKED	

J.C. STEPHEN EXPLORATION LTD.
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NORTH VANCOUVER, B.C.
V7P 1M9

TELEPHONE (604) 988-1545

MAY, 1980

MONTHLY TIME RECORD FOR KURT STAUFFERT

NAME KURT STAUFFERT

DATE	WORK DONE	CHARGE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15	CRESCENT 3 hrs at Chemex.	
16	TRAVEL YUR - Y.ZP	
17	ORIENTATION [CRESCENT #1]	
18	BULK SOIL SAMPLING [CRESCENT #1]	
19	~~PLACE~~ BULK SOIL SAMPLING ~~BEMA POSTS~~ [CRESCENT #1]	
20	PLACE BEMA POSTS ~~OFFICE~~ [CRESCENT #1]	
21	OFFICE [CRESCENT #1]	
22	OFFICE [CRESCENT #1]	
23	CHAINED BASE LINE [CRESCENT #2]	
24	PROTON MAG SURVEY [CRE #1]	
25	PROTON MAG SURVEY [CRES #1]	
26	MAG INTERPRETATION PROTON MAG SURVEY [CRES #1]	
27	CHOPPED WOOD MAG CORRECTION CRESCENT #1	
28	PROTON MAG SURVEY CRESCENT #1	
29	PROTON MAG SURVEY CRESCENT #1	
30	PROTON MAG SURVEY CRESCENT #1	
31	MAG DATA CORRECTION AND PLOTTING CRESCENT #1	
	TOTAL DAYS WORKED	

CRESCENT NUMBERS
REFER TO
GROUPED CLAIMS

#1 includes claims 1 & 5
#2 " " 2, 3, 4.
#6 " " 6

J.C. STEPHEN EXPLORATION LTD.
1124 WEST 15th STREET
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TELEPHONE (604) 988-1545

NAME John Clarke

MONTHLY TIME RECORD FOR May 1980

DATE	WORK DONE	CHARGE
1	CRESCENT CAMP CONST.	CRESCENT
2	CRESCENT - LINE CUTTING	-
3	✓	✓
4	✓	✓
5	✓	✓
6	✓	✓
7	✓	✓
8	✓	✓
9	CRESCENT CAMP CONST.	✓
10	STAKING - CRESCENT 6	✓
11	LOCATE CRESCENT - BEMA HOLES	✓
12	PREPARE CAMP FOR MOVE TO LONGON BAY	B.C. GOLD
13	MOVE TO LONGON BAY	✓
14	PROSPECT AND SAMPLE	✓
15	✓	✓
16	TASU FOR SUPPLIES AND AARANGEMENTS.	✓
17	PROSPECT AND SAMPLE	✓
18	STAKING - SINGA 1 TO 6	✓
19	PROSPECT + ORIENTATION (BOAT WORK) 2 MTN BAY, CRAZY CR., BARCLAY BAY, BOTANY.	✓
20	VISIT HAND LOGGER AT BOTANY. MOVE TO ~~BOTANY~~ WILSON BAY.	✓
21	PROSPECT BOTANY	✓
22	PROSPECT BOTANY	✓
23	TO TASU → SANDSPIT.	✓
24	SANDSPIT → VANCOUVER.	✓
25		
26		
27		
28		
29		
30		
31		
	TOTAL DAYS WORKED	

J.C. STEPHEN EXPLORATION LTD.
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TELEPHONE (604) 988-1545

NAME Scott Angus

MONTHLY TIME RECORD FOR May 1980

DATE	WORK DONE	CHARGE
1	Crescent Camp Const.	Crescent
2	Crescent - Line Cutting	✓
3	✓	✓
4	✓	✓
5	✓	✓
6	✓	✓
7	✓	✓
8	✓	✓
9	Crescent Camp Const.	✓
10	Staking Crescent 6	✓
11	Locate holes for Bema	✓
12	Prepare camp for move to Lomgon Bay.	B.C. GOLD
13	move to Lomgon Bay.	✓
14	Prospect	✓
15	✓	✓
16	TASU for supplies and arrangements	✓
17	Prospect	✓
18	Staking - Singa 1 to 6	✓
19	Prospect	✓
20	move to Wilson Bay	✓
21	Prospect	✓
22	prospect	✓
23	TASU for groceries & supplies.	✓
24	Prospect	✓
25	Prospect	✓
26	Prospect	✓
27	Look for old Ruby & Garnet Showings - TASU for Groceries.	✓
28	Prospect	✓
29	Prospect	✓
30	prospect	✓
31	Prospect	✓
	TOTAL DAYS WORKED	

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TELEPHONE (604) 988-1545

NAME J. SHEARER

MONTHLY TIME RECORD FOR MAY 1980

DATE	WORK DONE	CHARGE
1	CRESCENT INLET COMPASS LINES, CAMP setup	CRESCENT
2	Queen Charlotte City Powder, Groceries, Free use Permit.	CRESCENT
3	Chain & Compass 100 W on south	CRESCENT
4	Chain + Compass 100 E "	CRESCENT
5	Chain + Compass 100 W to North Re-injure foot.	CRESCENT
6	to SANDSPIT X RAY. Foot	B.C. Gold General
7	TO Queen Charlotte Hospital	" " "
8	In Crescent Camp office work	" " "
9	In Crescent Camp office work	" " "
10	In Crescent Camp crescent Soil. trenches	Crescent
11	In Crescent Camp. Crescent Soils + Bema holes.	Crescent
12	Crescent Camp.	Crescent
13	Crescent Camp powder to top of hill, CHAMP Alpha	B.C. Gold General
14	camp construction	Crescent
15	Hawks Nest	B.C. Gold General.
16	reclamation permit. Alder	BC Gold General
17	Golden Eagle	" " "
18	Golden Eagle	" " "
19	Golden Eagle	" " "
20	Overburden sampling	Crescent
21	office work	B.C. GOLD General
22	May Report	" "
23	Golden Eagle	" " "
24	Crescent office	Crescent
25	up to Trench 5	Crescent
26	Queen Charlotte City groceries setup.	B.C. Gold General
27	drop Bema equipment	Crescent
28	May Report etc	B.C. Gold General
29	Trenching	Crescent
30	Alder Report	B.C. Gold General
31	Alder Report, May Report	B.C. Gold General
	TOTAL DAYS WORKED	

SA stakes Crescent 6. →

A P P E N D I X II

LOMGON BAY CAMP
(SINGA CLAIMS)

May 13 to 19, 1980

J.D. Clarke

S.E. Angus

APPENDIX II

LOMGON BAY CAMP (SINGA CLAIMS) May 13 to 19, 1980

by J.D. Clarke, S.E. Angus

Rock Geochem No's	56320 to 56325
	56651 to 56657
	56676 to 56680
Soil Geochem No's	A-80-257 to A-80-283
	A-80-601 to A-80-622
Silt Geochem No's	U-80-51 to U-80-57
	U-80-61 to U-80-62

INTRODUCTION

Lomgon Bay is a past Haida Indian Village site then called "Singa" or "Winter Village". It is said that the Haida custom of tatooing originated here at the wedding of a prominent Haida Chief. Burial sites are known to exist in the Lomgon Area.

It is located approximately 4 km north-west of Tasu Minesite (Falconbridge), and 4.5 km north west of Tasu Townsite. Lomgon Bay is easily accessible by boat from Tasu which is serviced twice daily by T.P.A. with scheduled flights at 10 a.m. and the second flight falling between the hours of 1:30 p.m. and 7:00 p.m. as required.

The Bay itself is well sheltered by a spit which appears to be two small islands at high tide. The beach is large and well suited to Zodiac supported work. It is fairly flat and consists of sand and small angular rocks forming a compact base for easy launching and beaching of the boat.

The previous arrangements made in Tasu proved to give excellent support to our crew. The residents are most helpful and friendly. Regular gas may be obtained by requisition from the Tasu Minesite Warehouse. (8 a.m. to 4:30 p.m.). Groceries and supplies may be obtained from the Tasu Co-op store. Produce is in short supply but the store in general is well stocked. (Co-op hours: Tuesday to Saturday, noon to 5:30 p.m.) If a larger crew was to be supplied arrangements would have to be made for dairy products and produce. A laundromat is available 24 hours but is reserved for hotel use 8: a.m. to noon except Thursday and Sunday. Public telephones are available at the hotel office which also serves as T.P.A.'s office and an outlet for food tickets to eat in the cafeteria. ($5.50/ meal) The cafeteria hours are as follows: Breakfast - 6:30 to 8:00 a.m. Coffee - 10: a.m., Lunch - 12:00 to 12:30 p.m. and dinner 5:30 p.m. to 6:30 p.m. The recreational complex is open most hours of the day and evening providing a sauna and showers.

An excellent campsite is located approximately 150 m east of the main creek in a stand of tall sitka spruce. A large, flat, moss covered area with adequate fresh water supplied by a small stream and well sheltered from the wind is to be found here.

The weather was average to good with only two days of rain. It was learned that 37 inches of rain fell on Tasu during the month of April. (This information came to light while having coffee with Betty and Neal Carey in the cafeteria.)

PROSPECTING AND GEOLOGY

Prospecting was carried out in conjunction with silt, soil and rock sampling. The feldspar porphyry mapped by Brown probably extends to the north and west a few hundred meters further than mapped. There is a possibility it outcrops in the 570 Creek. The porphyry is not simple and I believe I may be confusing it in the 570 Creek and at some higher elevations with some tuffs. To the north of Camp A contact may be observed in two creeks and in the main creek. A rock sample No 56323 was taken here. Fine grained galena and abundant pyrite in this sample prompted us to run this sample and a similar one taken in 570 Creek (No 56653) for silver. Another, sample number 56680, was run for zinc and silver. Although it was a float boulder, (large and fairly angular), it contained massive pyrite, pyrrhotite and sphalerite. It appeared to be a fairly well silicified breccia - quite similar to one observed in and adjacent to the feldspar porphyry contact in the main creek. "(Opinion only)" The rocks noted at higher elevations were commonly thought to be white weathering light grey to green rhyolites and white weathering "Porphyritic" looking tuffs, trachytic rocks and greenish volcanic breccia (?). At lower elevations light grey to green rusty weathering pyritized rocks were noted and sampled. Kunga bedded (30 to 50 cm black and grey limestone was noted north of camp and abundant silicified and brecciated material thought to be Kunga was found (float) and sampled from the creek approximately 500 meters below 570 Lake.

GEOCHEMISTRY

An attempt was made to sample soils showing good developments. Large areas characterized by cedar and hemlock (relatively poorly drained) were sampled yielding a light grey to brown clay. Some silt samples were taken in large drainages but owing to extent of the quarternary and number of soil slides interpretation will be difficult. Rock samples were taken from rusty weathering outcrops with mineralization and from silicified float. Sample locations are plotted on the 1:50,000 scale map, N.T.S. C/16E, (Moore Channel.)

CONCLUSIONS AND RECOMMENDATIONS

Six "Two Post" Claims were staked by Scott Angus on May 18, 1980 (Tag No's 511430M to 511435M) to hold ground thought to be of interest. A tie line from the mouth of the main Creek extending 500 metres north locates the initial post Singa 1 & 2. It is felt the area is of interest and more work should be done to the north west particularly in the area of '570' Lake. Hopefully due cause will arise to warrant doing the geology in the area. The Singa location line runs at 270°. Should the group be restaked this location line and the tie line may prove to be useful. Any amount of work to the west should include a flagged trail for access as the bush is not the best. A camp in the '570' lake area would be all but indispensable to work this area as the distance is great considering the bush. A camp here should probably wait until a decision can be made to stake ground or prospect and sample this area without staking; as I would imagine a tie on to the Russ Group may be considered in the future and this location would give fair access.

J.D. Clarke

Scott A. Angus

GEOCHEMISTRY

An attempt was made to sample soils showing good developments. Large areas characterized by cedar and hemlock (relatively poorly drained) were sampled yielding a light grey to brown clay. Some silt samples were taken in large drainages but owing to extent of the quarternary and number of soil slides interpretation will be difficult. Rock samples were taken from rusty weathering outcrops with mineralization and from silicified float. Sample locations are plotted on the 1:50,000 scale map, N.T.S. C/16E, (Moore Channel.)

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J.D. Clarke

Scott A. Angus

APPENDIX III

WILSON BAY CAMP

N.T.S. 103B/12W + 103B/13W
+ 103C/16W

May 21, 1980

Areas Covered - Botany Inlet, Edwards Creek, Barrier Bay, Two Mountain Bay, Crazy Creek, Wilson Bay north and south.

Rock Geochem No's - 84701 to 84713
56659 to 56667
56681

Soil Geochem No's - A-80-284 to A-80-288
A-80-623 to A-80-684
A-80-701 to A-80-760

Silt Geochem No's - U-80-201 to 208
U-80-63 to 66
U-80-58

INTRODUCTION

Wilson Bay is located approximately 7 km east of Tasu minesite. It is easily accessible by boat from Tasu in fairly sheltered waters. The bay itself is very well sheltered. Our campsite was located approximately 75 meters east of the creek that is east of the main creek running into Wilson Bay. There is a trail running to the creek for fresh water. The beach is very suitable for Zodiac supported work.

We had an account set up in the Tasu Co-op for buying groceries and dry goods, which proved to be very useful. We were able to ship samples out, as there were two flights out of Tasu every day. Gasoline was also available for purchase. All the residents in the town were very friendly and helpful.

There was a small hand logging operation going on at the south end of Botany Inlet, which proved to be useful. When we were working there we were granted permission to use their log boom as a dock.

All of the beaches that were used for landing and launching the zodiac were good, except for the beach at Crazy Creek. This beach consisted of large boulders, so launching was done at Blunt Point which is approximately 1 km north west of Crazy Creek.

The weather in the area was excellent while we were there, with sunshine everyday but one.

BOTNAY INLET

PROSPECTING AND GEOLOGY

The main purpose of prospecting this area was in hope of locating the old "Contact Group" showings, which are reported to be to the "west of the southern end of Botnay Bay." It was reported that there were rusty outcrops that were very conspicuous.

Prospecting was carried out on the west and east sides at the south end of the Inlet. It was in the syntectonic plutons and along to the contact and into the Karmutsen.

There was no mineralization seen in the plutonic rocks and only very little pyrite seen in the Karmutson. The contact is a very passive one with no alteration. There was a small area of quartz veining noted and sampled in the pluton. The large fault on the west side of the inlet was prospected, there was very little alteration and again only a little pyrite in a fine grained greenstone which appeared to be the Karmutsen.

There were no rusty outcrops seen in the area. No mineralization was seen in any of the float boulders in the creeks.

GEOCHEMISTRY

Soil sampling in the area proved to be difficult as the area prospected mainly consisted of steep cliffs, where there was none or very poor soil. We did manage to get enough soils to basicly cover the area. All the samples are plotted on the 1:50,000 scale map and mylar.

EDWARDS CREEK, BARRIER BAY

PROSPECTING AND GEOLOGY

The lower area of Edwards Creek mainly consisted of dark grey porphyritic looking tuffs. While further up the creek the rock appeared to be light grey or green basaltic rocks. Little outcrop was seen in this area, mainly because of the large Quaternary and low lying ground that consisted of large swamps. The light grey rock with rusty weathering and mineralized with pyrite was seen in outcrop up the creek and sampled.

Soil sampling in the area was poor because of the large Quaternary. The area below the Quaternary is also flat and swampy. Therefor it would be almost impossible to run any kind of soil grid here. We took silt samples on all the major drainages.

The area of the three north-westerly faults in Barrier Bay was prospected. The rock in this area also appeared to be a light grey or green basaltic rock. In the second bay to the east, the Kunga was seen in outcrop on the beach. (This contained some very good monotis fossils) There was no mineralization seen in this area. Soil sampling was fair to good, with a fair amount of rich soil.

The area to the east of Barrier Bay where according to Brown the gabbro pluton interfingers with the Yakoun was prospected. The contact appeared to be between the pluton and the Kunga, as the Kunga seemed to extend up to the top of the hill where there was no Yakoun seen. There was pluton outcrop and abundant Kunga float seen on top of the hill near the small lake. There was very little outcrop seen on top of the hill because it was very flat and swampy. There was no mineralization seen in the area. There was rusty bleps similar to that on Gabbro hill noted and

sampled in the area. There was a piece of black silicified limestone found approximately half way between the lake and the ocean, approximately 30 m from the creek. It was also sampled. Soil sampling was very poor on top of the hill because of the swampy badlands, all soils in this area were taken from under windfalls. Down below the hill soil sampling was good.

CRAZY CREEK, TWO MOUNTAIN BAY

The Crazy Creek area mainly consisted of the Kunga. On the hill to the east which Brown has mapped as the Yakoun also seems to mainly consist of the layered Kunga. On the hill to the west, there was Kunga outcrop and float all the way to the top on both sides, but on the very top the rock was s greyish white basaltic looking rock.

There were several spots where we found pods of massive sulfides in the Kunga. All these spots were sampled. The mineral was believed to be pyrite and possibly arsenopyrite because of the more whiteish colour in it. The area of the mineralization is very large ranging from the beach approximately 100 metres west of Crazy Creek, to approximately 1¼ km up on the main fork of Crazy Creek. This was also found in float approximately 200 m inland from the north end of Two Mountain Bay. This was also sampled.

Brown also had the Two Mountain Bay area mapped as Yakoun, but there was abundent layered Kunga outcrop seen on the lower half of the hill to the north west. The upper part of this hill consisted of the Yakoun. There was abundant Kunga float and outcrop seen in the main creek that runs into the bay. This was seen for quite some ways up the creek. There was an outcrop of rusty Kunga on the beach approximately 50 m east of the small point at the end of the bay.

There was a set of old claim post found on the beach, just on the east side of the point at the north end of the bay. The tags on the posts read: Tag # 521949, 521950, 521951

Locator - W. Quinn

Agent for Menican or Merrican Int. Mines

Dir. to post #2 1500' north

1500'R 1500'L Date - May 13/64

Final post tag # 521949

The 521949 claim is believed to be a witness post.

GEOCHEMISTRY

Soil sampling in this whole area was very good as there was lots of rich well developed soil everywhere. Silt samples were taken in all the major drainages.

While prospecting the area from west of Crazy Creek to east of Barrier Bay, we ran across a surveyed picket line with pink flagging. Also a blue flagged line with blazes. We concluded that these lines were for logging only and not for exploration. The pink picket line is approximately 100 meters up from the beach and contours at this elevation. The blue flagged line ran along the beach in the Crazy Creek area, and bent up when approaching creeks. On these lines we saw a few metal tags, which had things written on them like "STRIP #7 - PLOT #3 July 14/79.

WILSON BAY NORTH

This is the area around the outside corner of the Crescent 6 claim group.

The geology of this area seemed to be quite complex. The area north of the small lake that the claim line crosses mainly consisted of a dark greyish-green basaltic looking rock. The area to the west of this by the large lake we noticed a grey-blue looking tuff. To the south of the large lake there was some plutonic rock seen. To the south of this, closer to the ocean the Kunga was seen. The layered Kunga or Argillite was seen just north-west of the small lake that the claim line crosses. This contained some massive pods of sulfides and was very similar to that found on Crazy Creek. This was sampled. The area to the north of this small lake had very little outcrop as it is very flat, soils were also hard to find there.

WILSON BAY SOUTH

This is the area on the ridge just south of the Crescent 5 claim group.

The rock here was basically all Karmutsen, except for one spot north of the peak where the massive grey limestone was seen in outcrop. This runs in a north south direction and crosses the claim line.

There were large quartz veins seen in the Karmutsen, up to 40 cm wide. These contained some large clear crystals. They were also brecciated. They were seen on both sides of the ridge and most of the way down the hill into the Crescent 5 claims. The prospecting was only

carried on a short way down on the south side because of steep cliffs. No quartz could be found in the grey limestone. There was abundant quartz float in the whole area. We took several rock samples of the quartz. Few soils were taken as there was only very little soil seen in the area, mainly because of the steepness.

A P P E N D I X IV

PROGRESS REPORT

CRESCENT CLAIMS

MAY 9180

Jean Pautler

APPENDIX IV

PROGRESS REPORT

MAPPING ON CRESCENT CLAIMS

Jean Pautler May 18 to June 1, 1980

INTRODUCTION

Mapping at a scale of 1:5000 commenced May 18, 1980. Stream beds with a large percentage of exposure such as East Creek, 1188 Creek and Grid Creek were mapped at 1:2500 and transferred to the 1:5000 base map. Grid Creek refers to the large creek which runs northwest from the top of Gabbro Hill past 2.8 W on the claim line and 1188 Creek is that creek which flows past 1188N/800E on the detail grid. Mapping is being conducted by Audrey Heagy and Jean Pautler using silva compasses and topofil. Two baselines have been established. The north baseline extends from 2N, 1W to 0N, 1E across Crescent 3 and 4. The southeast baseline starts at 100W/400S of the detailed grid and extends to 0.6W/5S at the southern claim line of Crescent 1. Mapping to date has included the eastern half of Crescent 1, the northwest section of Crescent 2, the west half of Crescent 4 and the east half of Crescent 3. Parts of the detail grid on Crescent 1 have also been mapped.

GEOLOGY

North Baseline Area

Rhyolite is the dominant rock type in this area although exposure is generally poor. It extends from a few hundred metres south of the north baseline outwards to the north boundary of the Crescent claims.

The rhyolite is a light blue-green colour, weathers white and can contain up to 5% feldspar phenocrysts which are poorly developed. Diabase, which cuts the rhyolite, is fine-grained, generally chloritic, and in some areas contains quartz veinlets. No distribution and orientation patterns of the veinlets, which are a few mm wide and up to 1 m long, are evident.

A fault appears to extend at 150° for a few hundred metres in the area of 1.7N, 1W. South of this fault, outcrop is very poor but black argillite of the Kunga Formation is exposed in the valley. It is possible that the rhyolite is faulted against the Kunga in this area. Further mapping to the northwest of this area should clarify this. The Kunga argillite here was pyriteiferous and sample 56896 was sent for lithogeochemical analysis.

Towards the legal post rhyolite and rhyodacite flows are observed. Fine gabbro to diabase dykes are also exposed. Some occurrences of andesitic tuff, which is more abundant further to the east are also evident. The rhyodacite is fine-grained but slightly coarser than the rhyolite. The andesitic tuff of the Yakoun Formation is grey, sometimes chloritic and contains glassy fragments.

East Creek Area

A fault extends along the creek which is evidenced by shear zones and mylonite. Kunga sediments including both the limestone unit with argillite interbeds and the argillite unit with limestone units is found on both sides of the creek. Generally, the predominantly limestone member is exposed above the waterfall along East Creek at 0.1 S, 1E and the argillite member occurs below the waterfall. The fossil, monotis, which divides the two members was found at this locality. Dykes of andesitic

tuff and rhyolite cut the sediments. The Kunga sediments commonly occur as rusty outcrops with pyrite and some pyrrhotite and arsenopyrite. Quartz veining is sometimes present in the rhyolite. Molybdenite was suspected in some of the quartz veins and these samples were sent for lithogeochemical analysis.

The argillite member of the Kunga Formation is also exposed to the east in the area around 1S, 0.3E. Fine gabbro to diabase dykes also cut through the area. Rhyolite, similar to that exposed along the north baseline is observed along the shore around 2S + 0.3 W where it cuts Kunga sediments.

South Baseline Area

This area predominantly consists of fine grained gabbro to diabase which is generally chloritic and may be dyke material. Medium-grained gabbro is found in places. The gabbro consists of approximately 40% plagioclase, has a salt and pepper texture and minor pyrite and pyrrhotite is common.

A hornblende porphry occurs in the south part of Crescent 1 from 5S, 0W to 5S,2W and between 5S and 4S. The phenocrysts, which form 5 to 15% of the rock, vary from 2 to 6 mm in size and are contained in a fine-grained gabbro matrix.

Along Colinear Creek,(the counterpart of Linear Creek which is a part of the western watershed), andesite to andesitic tuff is observed.

From the southeast baseline towards camp, a dark black/grey banded rhyolite is evident. Samples of this have been sent for thin section in order that a correct identification be obtained. Blue-green rhyolite, similar to that along the north baseline is also evident. Fine - to medium - grained gabbro and diabase dykes are exposed in the area.

tuff and rhyolite cut the sediments. The Kunga sediments commonly occur as rusty outcrops with pyrite and some pyrrhotite and arsenopyrite. Quartz veining is sometimes present in the rhyolite. Molybdenite was suspected in some of the quartz veins and these samples were sent for lithogeochemical analysis.

The argillite member of the Kunga Formation is also exposed to the east in the area around 1S, 0.3E. Fine gabbro to diabase dykes also cut through the area. Rhyolite, similar to that exposed along the north baseline is observed along the shore around 2S + 0.3 W where it cuts Kunga sediments.

South Baseline Area

This area predominantly consists of fine grained gabbro to diabase which is generally chloritic and may be dyke material. Medium-grained gabbro is found in places. The gabbro consists of approximately 40% plagioclase, has a salt and pepper texture and minor pyrite and pyrrhotite is common.

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The pyrite and pyrrhotite which are found in some of the gabbro, diabase, rhyolite and andesite in the south baseline area are only minor. Quartz veinlets were only observed along Colinear Creek in rhyolite at 5S, 2W. No visible mineralization was associated with the quartz but sample 56233 was sent for analysis. Rusty outcrops were not evident in the southeast baseline area.

Jointing at 36 to 40° was pronounced which is parallel to the faults which cut the property.

Detail Grid - Crescent 1

Very little work has been done on the detailed grid. Grid Creek, 1188 Creek and a few minor streams leading into 1188 Creek have been mapped. Generally, rhyolite to rhyodacite flows occur at the bottom of Gabbro Hill, (around 800E). Further up the hill, occurrences of Kunga argillite, which is commonly pyritic and contains rusty areas, are evident. Diabase dykes and dykes of feldspar porphyry are also found. The feldspar porphyrt consists of approximately 70% plagioclase phenocrysts in a gabbroic matrix. Near the top, medium-grained leucocratic to melanocratic gabbro and a fine-grained diabase are abundant. At the very top of Gabbro Hill coarse mesocratic gabbro is evident with quartz veining. Both the gabbro and diabase generally contain minor pyrite $\pm$ pyrrhotite, and rarely arsenopyrite.

A P P E N D I X V

Requisition for Analytical Work Forms

MAY 1980

JCS

J.C. STEPHEN
EXPLORATIONS LTD.
1124 West 15th Street
North Vancouver, B.C. V7P 1M9
Bus: 988-1545

REQUISITION FOR ANALYTICAL WORK

ANALYST:

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221

A total of ~~38~~ 36 samples as described below is shipped by TPA + PWA (Carrier, Mail, etc.) on May 22/80 (Date)

for analytical work. The samples are submitted by J Shearer (Name) and charge to: B C GOLD

Send copies of analytical reports to: SYNDICATE (CRESCENT) (Name, Project)

(a) J. SHEARER (Name) at P.O BOX 296, SANDSPIT B.C V0T 1T0 (Address)

(b) J. C. STEPHEN (Name) at 1124 W 15 ST. NORTH VANCOUVER V7P 1M9 (Address)

(c) _____ (Name) at _____ (Address)

ANALYTICAL INSTRUCTION:			ANALYZE FOR								METHOD	
Marking	No. of Samples	Type	Au	As	Sb	Hg	Zn	Ag			Assay (%)	Geochem (ppm)
56876 to 56884	9	chip	✓	✓								✓
56885	1	chip	✓	✓	✓							✓
56886 to 56889	4	chip	✓	✓								✓
56890 to 56892	3	chip	✓	✓	✓							✓
56226 to 56236	11	chip	✓	✓								✓
A-80-21-28	8	soil	✓	✓	✓	✓	✓	✓				✓

SPECIAL INSTRUCTIONS:

JCS copy

J. STEPHEN
EXPLORATIONS LTD.
1124 West 15th Street
North Vancouver, B.C. V7P 1M9
Bus: 988-1545

REQUISITION FOR ANALYTICAL WORK

ANALYST:

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221

A total of 46 samples as described below is shipped by PWA (via TPA) (Carrier, Mail, etc.) on MAY 29 1980 (Date)

for analytical work. The samples are submitted by J. SHEARER (Name) and charge to: B C GOLD

Send copies of analytical reports to: SYNDICATE (CRESCENT) (Name, Project)

(a) J. SHEARER (Name) at P O BOX 296, SANDSPIT B C V0T 1T0 (Address)

(b) J. C. STEPHEN (Name) at 1124 W 15 ST. NORTH VANCOUVER V7P 1M9 (Address)

(c) _____ (Name) at _____ (Address)

ANALYTICAL INSTRUCTION:			ANALYZE FOR								METHOD	
Marking	No. of Samples	Type	Au	As	Sb	Hg					Assay (%)	Geochem (ppm)
BEMA #1 -.8m, #2A-2m												
2B-1.2m 2D-2.6m, 5.2m												
4-1.2m, 6.2m, 10-.9m												
9.5m, 8-.5m, 11-.5m, 7-1m												
15-1.2m, 14, 16.-1m.												
16-2m, 17B-2.2m, 20.-2m 19-.4m, 18.-1.6m	20	Mainly Rock	✓	✓								✓
BEMA #2-1m, 2C-1m												
2D-2m, 5-1m, 6-1m, 5-1.3m												
4-1m, 12-1m, 15-1m, 13.2m												
3-1m, 17A-1m, 17A-2m,												
17B-2m, 20-1m, 18-1m	17	Mainly Soil	✓	✓								✓
56893 to 56895	3	Rock	✓	✓								✓
56237 to 56292	6	Rock	✓	✓								✓

SPECIAL INSTRUCTIONS: FOR those Samples Labelled BEMA, Please treat the "mainly rock" samples as true rock samples, the "mainly soil", if they have rock chips should be pulverized and the total product analyzed, PLEASE RUN THEM FOR GOLD FIRST, if very small sample.

J.C.S. Copy

J. C. STEPHEN
EXPLORATIONS LTD.
1124 West 15th Street
North Vancouver, B.C. V7P 1M9
Bus: 988-1545

REQUISITION FOR ANALYTICAL WORK

ANALYST:

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221

A total of ____ samples as described below is shipped by PWA (via TPA) (Carrier, Mail, etc.) on June 5/80 (Date)

for analytical work. The samples are submitted by J. Shearer (Name) and charge to: B C GOLD

Send copies of analytical reports to: SYNDICATE (Crescent) (Name, Project)

(a) J. SHEARER (Name) at PO BOX 296, SANDSPIT BC V0T 1T0 (Address)

(b) J. C. STEPHEN (Name) at 1124 W 15 ST. NORTH VANCOUVER V7P 1M9 (Address)

(c) ____ (Name) at ____ (Address)

ANALYTICAL INSTRUCTION:			ANALYZE FOR								METHOD	
Marking	No. of Samples	Type	Au	As	Sb	Hg	Mo	Ag.	Cu.		Assay (%)	Geochem (ppm)
56726 - 56730	5	rock	✓	✓								✓
56896 - 56900	5	rock	✓	✓								✓
56243 - 56247	5	rock	✓	✓								✓
56248	1	rock	✓	✓			✓					✓
56249 - 56250	2	rock	✓	✓								✓
56901 - 56902	2	rock	✓	✓								✓
A-80-685 to 694	10	soil	✓	✓								✓
56668 to 56669	2	rock	✓	✓								✓
56670	1	rock	✓	✓				✓	✓			✓
A-80-760 to 772	13	soil	✓	✓								✓
84714, 84715	2	rock	✓	✓								✓
84716	1	rock	✓	✓				✓	✓			✓

SPECIAL INSTRUCTIONS:

N

CRESCENT 6

CRESCENT 3

CRESCENT 4

CRESCENT 5

CRESCENT 1

CRESCENT 2

LCP

LCP

FIGURES 11, 27

300m

WILSON BAY

WILSON BAY CAMP

LAKE

TIMBER DEVELOPERS CAMP

CRESCENT INLET

CRESCENT INLET CAMP

FIGURES 8, 22, 23

FIGURE 17

FIGURE 16

FIGURES 24, 25

FIGURE 18

TRAIL

FIGURES 8, 20, 21

FIGURE 12

LAKE

INNER BAY

500

1000

1500

inches

0 1 2

0 1 2 3 4 5

centimetres

This reference scale bar has been added to the original image. It will therefore print out the same size as the image, therefore it can be used as a reference for the original size.

+ - BEMA HOLE POSITIONS AND NUMBERS

+ - BULK SOIL SAMPLE SITES AND NUMBERS

0 1Km

200m 400m 600m 800m 1000m

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD PROGRAM

BULK SOIL AND BEMA HOLES

CRESCENT CLAIM GROUP

INDEX MAP

SCALE — 1:10,000 NTS — 103 B/12W, 11E.

DATE — DEC 21/79 WORK BY — JS

FIGURE # 1

MAY Report