5|87

86-268 - 15261

Geophysical Survey Report
VLF Survey

SNOWBIRD GROUP

Omineca Mining Division

93K/7E - 8W

54°27'55"N 124°31'25"W

Owned by: Pipawa Explorations Limited

Operated by: X-CAL Resources Ltd.

David Dunn
Geologist

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INTRODUCTION

The 1986 VLF geophysical survey was carried out in May 1986, to improve control on the structure which contains the mineralization developed to date, and to outline any other structures within the area of the survey. Mineralization of interest outlined by past work is confined to two parallel northwest striking, northeast dipping silica-mariposite veins and a steeply dipping northeast striking massive stibnite vein. The two parallel veins are contained within a strong northwest striking structure evidenced by a zone of serpentinization and irregular carbonatization approximately 50m wide by at least 300m long.

The geophysical survey was carried out on a northwest striking grid, 2km long with a line spacing of 100m and a station interval of 25m for 500m northeast and 500m northwest of the base line, where possible. The centre of the grid was located approximately 80m northeast of the main mineralized zone. A Crone VLF-EM unit (Serial No.245) tuned to the Annapolis, Maryland station was used for the survey. Twenty line km of survey were run.

The survey was carried out by a two person crew employed by X-Cal Resources Ltd.

LOCATION AND ACCESS

The Snowbird Group, owned by Pipawa Explorations Ltd., which includes mineral claims as follows:

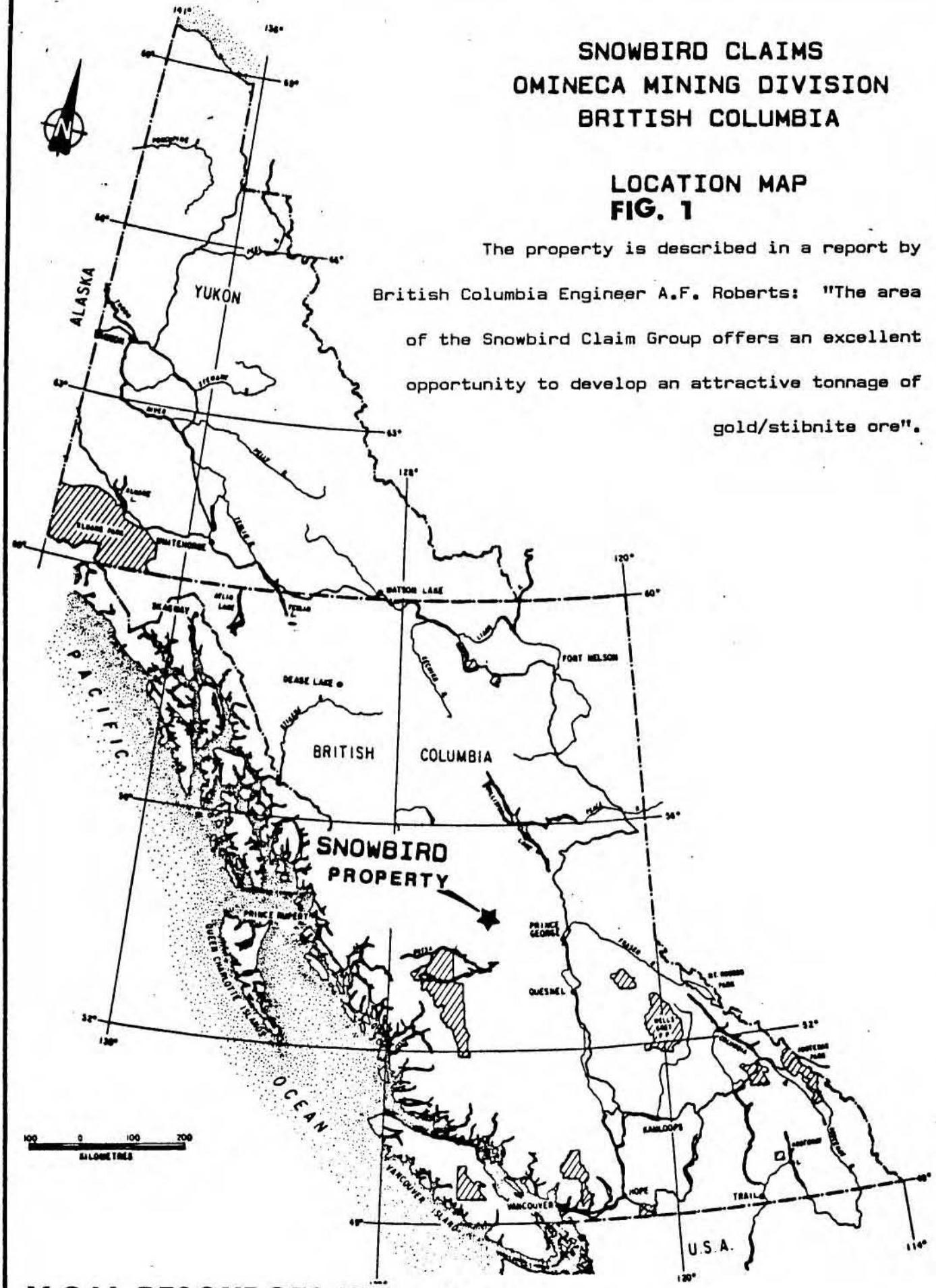
Snowbird	#1900
Campsite	#1896
Shaft Fraction	#8723
Boarchea	#3008
Snowbird #1	#7537
Snowbird #2	#7538
Snowbird #3	#7539
Snowbird #4	#7540
Snowbird #5	#7541
Snowbird #6	#7542
Snowbird #7	#7543

consisting of 100 units and is located in the Omineca Mining Division on the west side of Stuart Lake near the south end (see figures 1 + 2). Access is by 24km of road from Fort St. James, 17km of which is paved or good gravel surface to Sowchea Bay public campground. The remaining 7km is rough dirt road, generally requiring four wheel drive vehicles. The centre of the grid lies approximately 500m west of the lakeshore at Kasaan Bay, and straddles the access road. NTS map reference is 93 K/7E-8W, UTM coordinates 6034000mN 403600mE.

SNOWBIRD CLAIMS
OMINECA MINING DIVISION
BRITISH COLUMBIA

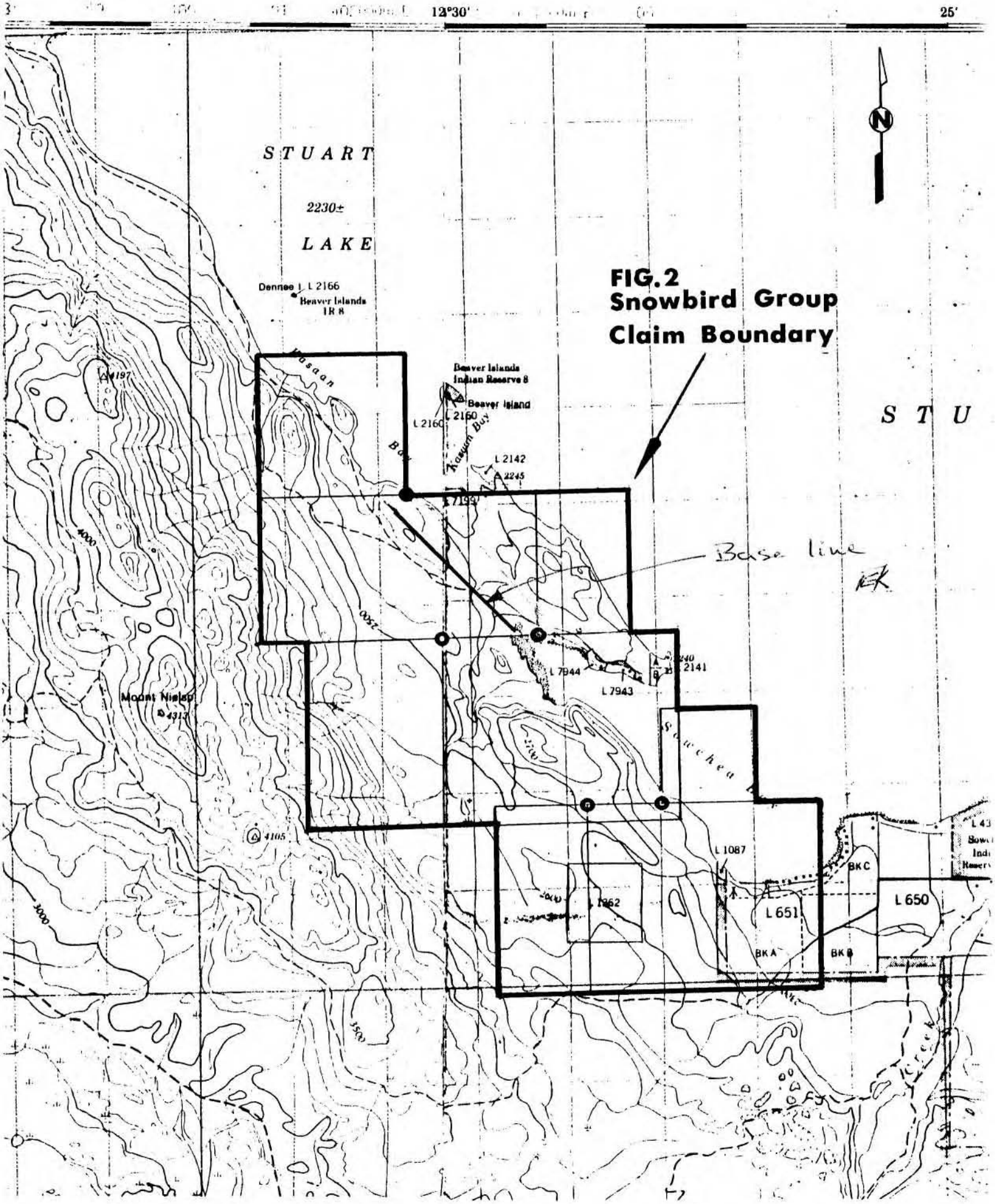
LOCATION MAP
FIG. 1

The property is described in a report by British Columbia Engineer A.F. Roberts: "The area of the Snowbird Claim Group offers an excellent opportunity to develop an attractive tonnage of gold/stibnite ore".



X-CAL RESOURCES LTD. (TSE-XCL)

Scale 1:50,000



HISTORY

The property was first staked in 1920 and some development work was done on the Snowbird, Campsite and Shaft Fractional Claims, and then the property was allowed to lapse. The showing area was restaked by T.E. Neilson in November 1937. Some work was done, with about 54 tons of antimony ore hand cobbed and sold.

In 1939, Dr. V. Dolmage, and R.H. Stewart examined the surface showings and secured an option on the property for Pioneer Gold Mines Ltd.

Pioneer sank an inclined shaft on the "Main Vein" in a quartz stringer zone to a depth of 45m. They also drove an adit and drifted on the massive stibnite "Cross Vein" for a distance of 45m. They shipped 36 tons of crude ore and later permitted their option to lapse.

In 1941 C.M. & S. held an option on the property and drilled seven holes on the quartz stringer zones of the Shaft Fraction. They were unable to secure extensions of their option and it was terminated.

In 1943 Leta Exploration Ltd. held the property under option and drilled 308m of diamond drilling on the quartz stringer zones.

About 1947, Inland Mining Co. Ltd. of Los Angeles, stoped out additional ore from the "Cross Vein". Records for their shipments are 13.22 tons of 55% Sb; 17.88 tons of 58.8% Sb; and 35 tons of 60% Sb.

During this period, October 28th to December 5th of 1970, Consolidated Shunsby Mines Ltd. of Ontario contracted a geochemical survey of an 8 claim portion of the property to E.L.C. Geophysics of Vancouver, B.C.

In 1974, Westwind Mines Ltd. carried out 280m of diamond drilling on the quartz stringer zones.

In 1980, Prism Resources Ltd. carried out 612m of diamond drilling in the area of the stringer zones.

ECONOMIC ASSESSMENT

The bulk of the work has been confined to an area of approximately 50m by 300m which includes the three most interesting mineralized exposures, the "Main Vein", the "Cross Vein", and the "Pegleg Vein". The work carried out since 1939 has not added to the mineralization that Pioneer Gold Mines outlined in the "Main Vein" of 5000 tons grading 6.4gm/tonne Au and 3% Sb over a distance of 65m and a width of .9m. The "Pegleg Vein" has been tested by only 2 ddh. The "Cross Vein" is a narrow, high grade, stibnite vein that does not appear to widen at depth in drill holes.

Presently, there is no known ore body on the property.

GEOLOGY

Regional Geology

The area of the Snowbird group lies within the Interior Plateau region of the Canadian Cordillera. Sedimentary and volcanic strata range in age from Late Proterozoic to Oligocene. These rocks were exposed to erosion from Lower Cambrian to Pennsylvanian time, from late Permian to Upper Triassic time and during most of Tertiary Time. Four main periods of orogeny appear to have taken place, namely: post-Lower Cambrian - pre-Pennsylvanian; post-Middle Permian - pre Upper Triassic; Upper Juarrassic or Lower Cretaceous; and post Paleocene. Most major folding and faulting appears to have taken place in the last two periods. Upper Paleozoic and Mesozoic strata are more closely folded than Late Proterozoic and Lower Cambrian formations. This is probably due to deformation occurring before the Upper Paleozoic and Mesozoic strata were accreted onto the North American Craton.

During the post-Middle Permian - pre Upper Triassic and Upper Jurassic or Lower Cretacious intervals the folded and faulted strata were intruded by igneous rocks of the Tembleur, Topley, Omineca and Coast Range intrusions.

Strata generally trend north westerly.

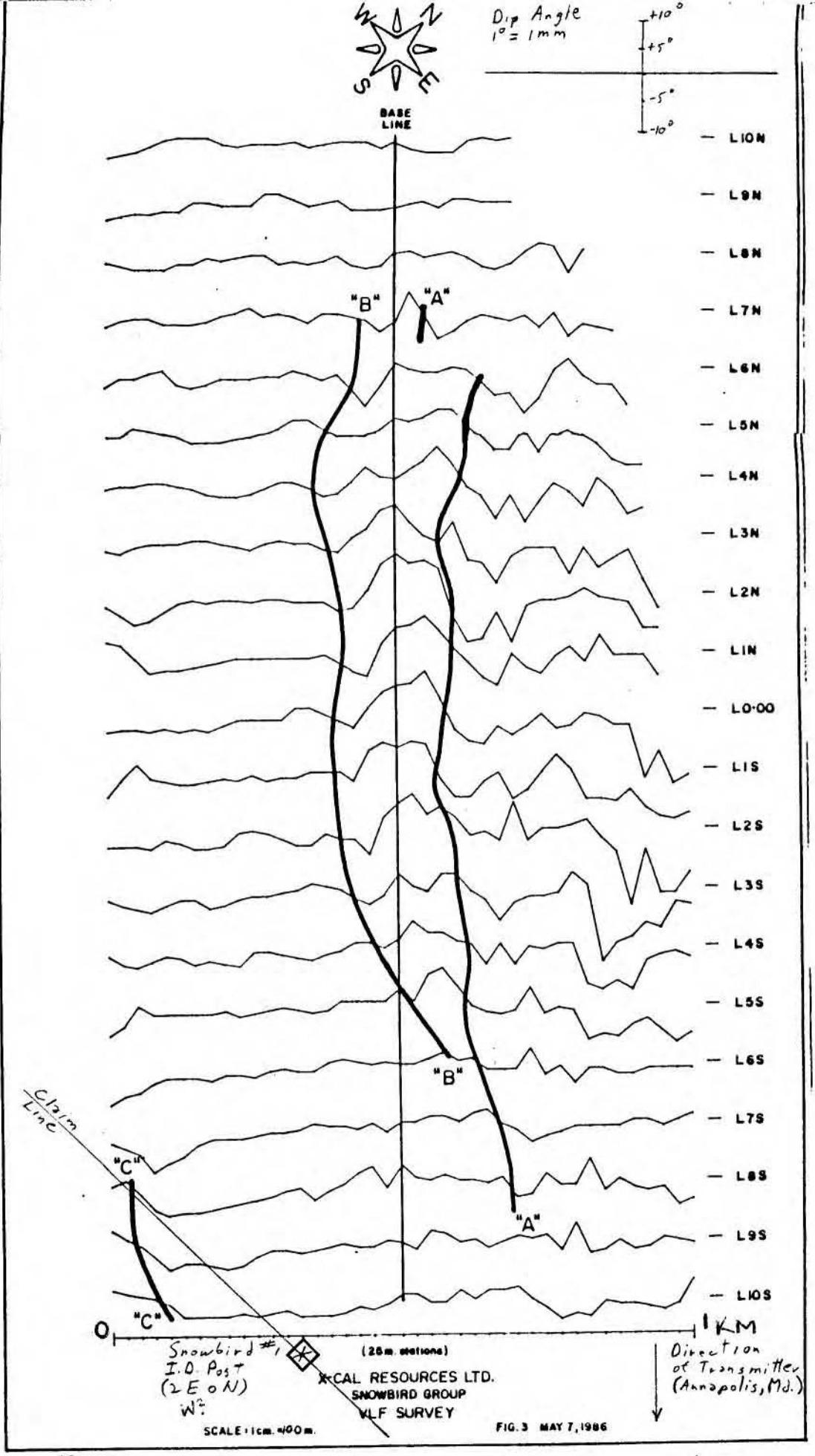
The large Pinchi and Manson fault zones and, probably, the large fault zone on the Snowbird property, were partly or completely developed in post-Paleocene time.

Property Geology

The Snowbird Property is largely underlain by a Paleozoic submarine assemblage consisting of ribbon chert, argillaceous quartzite, argillite, slate and minor andesite tuff. These rocks have been intruded in the south-west corner of the property by diorite of the Permian? Topley intrusion.

In the area of the Stuart Lake Antimony Mine a strong north-westerly trending fault zone crosses the property. This fault zone ranges from 10m to 30m in width and contains associated serpentine bodies, considerable carbonate alteration, and the bulk of the mineralization discovered to date.

Mineralization consists of stibnite and gold with associated fuschite in quartz veins up to 3m in width. These veins trend parallel to the fault zone but exhibit some discontinuity from post-emplacement movement in the fault zone. Massive stibnite veins are present at right angles to both the fault zone and the quartz veins and probably represent late stage filling of tension fractures.


N
S
E
Dip Angle
1° = 1mm
+10°
+5°
-5°
-10°
BASE LINE
L10N
L9N
L8N
L7N
L6N
L5N
L4N
L3N
L2N
L1N
L0·00
L1S
L2S
L3S
L4S
L5S
L6S
L7S
L8S
L9S
L10S
"A"
"B"
"C"
Claim Line
0
1 KM
Snowbird #1
I.O. Post
(2E 0N)
W
(25m. stations)
Direction of Transmitter (Annapolis, Md.)
CAL RESOURCES LTD.
SNOWBIRD GROUP
VLF SURVEY
SCALE: 1cm. =100 m.
FIG. 3 MAY 7, 1986

GEOPHYSICAL RESULTS (Figure 3)

This Survey was carried out to outline major structures on the property that, hopefully, coincided with anomalous soil geochemistry from a 1970 E.L.C. Geophysics Ltd. survey to provide targets for trenching and drilling.

One strong cross-over was encountered on 16 lines (Anomaly A on Figure 3), parallel, but approximately 150m East of the fainter anomaly (Anomaly B on Figure 3), which is coincident, in part, with the structure containing the mineralized zones. A weak cross-over encountered on 4 lines in the South corner of the grid (Anomaly C on Figure 3) is approximately coincidental with a gold anomaly in soil samples outlined by the E.L.C. survey.

Readings on the Northeasterly ends of lines 4S-8N were very erratic due, in part, to steep northeasterly dipping topography trending into a very strong structure which is asumed to be delineated by Kasaan Bay.

The raw data from the VLF - EM survey is included as Appendix A. Results were consistent enough not to require filtering.

CONCLUSIONS

The results of this survey indicate two areas for possible trenching. The strong anomaly on lines 8S-7N (Anomaly A on Figure 3) should be trenched and sampled especially in the area of 6.5S 1+75E where Anomaly B seems to splay from Anomaly A. The weak anomaly in the South corner of the grid should also be trenched because of the associated soil geochemical anomaly.

STATEMENT OF EXPENSES

Personnel	
Geologist (1/5/86-7/5/86) 7 days @ $150/day	1050.00
Technician (1/5/86-7/5/86) 7 days @ $150/day	1050.00
Food and Lodging	
14 days at $40/day	560.00
Equipment	
Truck rental - 7 days @ $40/days	280.00
Instrument rental - 7 days @ $20/day	140.00
A.T.V. rental - 4 days @ $20/day	80.00
Gas and expendables	200.00
Report Preparation and Drafting 3 days @ $150	450.00
Administration	200.00
Total	$4010.00

STATEMENT OF QUALIFICATIONS

As required under B.C. Reg. 587/77 of the Mineral Act Regulations of the Province of British Columbia, I hereby state that:

1. I received a Bachelor of Science degree in Geology from the University of British Columbia (1980).
2. I have practiced my profession since graduation and was employed in mineral exploration for 7 field seasons prior to graduation.
3. I have carried out numerous geophysical surveys including magnetometer, VLF, Max-Min, and Horizontal Shootback surveys.
4. I personally supervised the VLF survey carried out on the Snowbird Claims.

David Dunn, B.Sc.

Gold Bridge, B.C.
May 4, 1986

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ELC Geophysical Report on the Soil Sampling Geochemical Survey over the Bay Claims Group, Stuart Lake, B.C.., by D.L. Hinge (December 5, 1970) (Assessment Report 2764).

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Report on Diamond Drilling, Stuart Lake Property, Westwind Mines Ltd., by John R. Poloni (August 15, 1974) (Assessment Report 5136)

Geological Report, Sowchea and Boarchea Group, by James Logan (May 24, 1980).

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Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia. G.S.C. Memoir 252 J.E. Armstrong (1949).

Appendix A

VLF - EM Survey Results

Snowbird (cont.)

L	Stn	Dip	F.S.	L	Stn	Dip
5S	3+75E	-11	40	4S	2+00W	-2
"	3+50E	-10	40	"	2+25W	-1
"	3+25E	-12	60	"	2+50W	-1
"	3+00E	-2	20	"	2+75W	-6
"	2+75E	-1	40	"	3+00W	-5
"	2+50E	-3	40	"	3+25W	-4
"	2+25E	+6	50	"	3+50W	-5
"	2+00E	-2	70	"	3+75W	-3
"	1+75E	-3	40	"	4+00W	-2
"	1+50E	-2	50	"	4+25W	-4
"	1+25E	0	40	"	4+50W	-6
"	1+00E	+7	50	"	4+75W	-5
"	0+75E	+13	70	"	5+00W	-2
"	0+50E	+11	60	5S	5+00W	-9
"	0+25E	+2	40	"	4+75W	-6
"	0+00E	+6	40	"	4+50W	+1
4S	0+25W	0	60	"	4+25W	-2
"	0+50W	+2	40	"	4+00W	-2
"	0+75W	+2	60	"	3+75W	-2
"	1+00W	-1	130	"	3+50W	-2
"	1+25W	-2	60	"	3+25W	-2
"	1+50W	-4	60	"	3+00W	-1
"	1+75W	-3	60	"	2+75W	-3

SNOW BIRD (cont.) 2/5/86 (5)

L	STN	DIP	F.S.	L	STN	DIP	F.S.
3S	1+75W	0	60				
"	1+50W	+2	50				
"	1+25W	+1	60				
"	1+00W	0	25				
"	0+75W	-3	30				
"	0+50W	-5	30				
"	0+25W	-2	45				
"	0+00W	-14	40				

Snowbird 3/5/86

4S	0+00E	+3	100	4S	3+25E	-13	0
"	0+25E	+9	0	"	3+50E	-15	0
"	0+50E	+5	0	"	3+75E	-12	0
"	0+75E	+5	60	"	4+00E	-15	0
"	1+00E	+2	60	"	4+25E	-5	10
"	1+25E	+1	20	"	4+50E	-3	30
"	1+50E	-6	10	"	4+75E	-2	20
"	1+75E	+1	10	"	5+00E	-4	10
"	2+00E	-6	10	5S	5+00E	-10	50
"	2+25E	0	0	"	4+75E	-13	50
"	2+50E	-1	0	"	4+50E	-9	0
"	2+75E	+1	0	"	4+25E	-5	0
	3+00E	+1	0	"	4+00E	-7	60

Snowbird (cont.) 2/5

L Sta.		
3+00S	3+00E	-5 / 0
"	2+75E	-2 / 0
"	2+50E	-3 / 0
"	2+25E	-3 / 0
"	2+00E	-5 / 0
"	1+75E	-11 / 0
"	1+50E	-4 / 0
"	1+25E	-1 / 0
"	1+00E	5 / 0
"	0+75E	5 / 0
"	0+50E	-1 / 0
"	0+25E	1 / 0
"	0+00E	5 / 0
2+00S	[illegible]	4 / 10
"	0+50W	-8 / 0
"	0+75W	-3 / 0
"	1+00W	-3 / 0
"	1+25W	-1 / 0
"	1+50W	-5 / 0
"	1+75W	-5 / 0
"	2+00W	-3 / 0
"	2+25W	-1 / 30
"	2+50W	0 / 35

L Sta.		
2S	2+75W	-1
"	3+00W	-5
"	3+25W	-6
"	3+50W	-6
"	3+75W	-4
"	4+00W	-3
"	4+25W	-6
"	4+50W	-5
"	4+75W	-5
"	5+00W	-5
3S	5+00W	-3
"	4+75W	-5
"	4+50W	-6
"	4+25W	-7
"	4+00W	-5
"	3+75W	-3
"	3+50W	-3
"	3+25W	-6
"	3+00W	-5
"	2+75W	-3
"	2+50W	-2
"	2+25W	-2
"	2+00W	-1

Snowbird (cont.)

L Sta.		Dip	Field St.
1+00S	4+00W	-3	30
"	3+75W	-4	60
"	3+50W	-4	70
"	3+25W	-3	60
"	3+00W	-2	50
"	2+75W	-3	40
"	2+50W	-1	40
"	2+25W	-3	40
"	2+00W	-2	70
"	1+75W	-2	60
"	1+50W	0	10
"	1+25W	0	0
"	1+00W	0	0
"	0+75W	-3	0
"	0+50W	7	0
"	0+25W	10	0
"	0+00W	10	6
2+00S	0+00E	7	100
"	0+25E	12	30
"	0+50E	5	50
"	0+75E	8	100
"	1+00E	4	100
"	1+25E	-2	140

(1)

L Sta.			
[illegible]	[illegible]	-1	120
"	[illegible]	-7	110
"	2+00E	9	10
"	[illegible]E	-4	80
"	[illegible]	0	90
"	[illegible]	0	30
"	3+00E	1	40
"	3+25E	3	40
"	3+50E	-3	30
"	3+75E	-8	60
"	4+00E	-26	70
"	4+25E	-7	0
"	4+50E	-22	100
"	4+75E	-22	120
"	4+90E	-15	80
3+00S	4+85E	-6	70
"	4+75E	-5	30
"	4+50E	-14	10
"	4+25E	-12	0
"	4+00E	-17	0
"	3+75E	-19	0
"	3+50E	-25	0
"	3+25E	1	0

Snowbird 1/31

L Sta.	Dip	E-W Str.
0+00S 4+75E	-14	0
" 4+50E	-25	0
" 5+00E	-22	0
1+00S 4+75E	-10	0
" 4+75E	-17	0
" 4+50E	-16	0
" 4+25E	-13	0
" 4+00E	-7	0
" 3+75E	-11	20
" 3+50E	-10	10
" 3+25E	-10	20
" 3+00E	0	70
" 2+75E	5	10
" 2+50E	-1	10
" 2+25E	-9	5
" 2+00E	-10	0
" 1+75E	-1	0
" 1+50E	-4	0
" 1+25E	-9	10
" 1+00E	-9	0
" 0+75E	-3	0
" 0+50E	9	10
" 0+25E	10	10
" 0+00E	8	10

Snowbird (cont'd) 2/5/86

L Sta.	Dip	E-W Str.
0+00S 0+25W	7	30
" 0+50W	2	10
" 0+75W	-5	
" 1+00W	RE-DO	
" 1+25W	POOR	
" 1+50W	2	10
" 1+75W	2	10
" 2+00W	-2	130
" 2+25W	-2	80
" 2+50W	-2	120
" 2+75W	-2	120
" 3+00W	-4	90
" 3+25W	-6	130
" 3+50W	-5	110
" 3+75W	-6	100
" 4+00W	-5	110
" 4+25W	-6	110
" 4+50W	-5	110
" 4+75W	-5	90
" 5+00W	-6	90
1+00S 5+25W	-8	80
" 5+75W	-2	80
" 6+25W	+3	90
" 6+75W	-2	80

Snowbird 2/5/86

L Sta.	Dip	F. Strength
0+00S 0+00E	+9	50
" 0+25E	+10	30
" 0+50E	+14	0
" 0+75E	+5	0
" 1+00E	-6	20
" 1+25E	-10	0
" 1+50E	-11	0
" 1+75E	-5	0
" 2+00E	-8	40
" 2+25E	-5	
" 2+50E	-1	
" 2+75E	-6	
" 3+00E	-5	
" 3+25E	-1	
" 3+50E	-2	
" 3+75E	45	
" 4+00E	-5	
" 4+25E	-23	

Snowbird (cont.)

L Sta.	Dip	F S.	L Sta.	Dip	
S 2+50W	-2	0	55 [illegible]	-7	1
" 2+25W	-1	0	[illegible]	-2	1
" 2+00W	0	0	[illegible]	-2	1
" 1+75W	-1	0	[illegible]	-4	1
" 1+50W	-2	0	" 4+00E	-4	1
" 1+25W	-1	0	" 4+25E	-2	1
" 1+00W	+2	70	" 4+50E	-2	1
" 0+75W	+2	70	4+75E	-2	1
" 0+50W	+2	130	" 5+00E	-2	1
" 0+25W	+2	120	75 5+25E	2	1
" 0+00W	+4	110	" 5+50E	0	1
55 0+25E	0	150	" 4+50E	-2	1
" 0+50E	0	140	" 4+25E	0	1
" 0+75E	2	120	" 4+00E	0	1
" 1+00E	4	140	" 3+75E	-2	1
" 1+25E	1	120	" 3+50E	-2	1
" 1+50E	2	135	" 3+25E	-2	1
" 1+75E	-2	140	" 3+00E	-2	1
" 2+00E	-2	110	" 2+75E	-4	1
" 2+25E	-2	140	" 2+50E	-5	1
" 2+50E	5	140	" 2+25E	-7	1
" 2+75E	-4	140	" 2+00E	-3	1
" 3+00E	-1	105	" 1+75E	-1	1

Snowbird (cont.) 3

L Sta.	Dip	F S.	L Sta.	Dip	
75 1+50E	4	140	55 4+25W	-16	125
" 1+25E	3	140	" 4+50W	-10	180
" 1+00E	0	140	" 4+75W	-8	130
" 0+75E	2	150	" 5+00W	-6	130
" 0+50E	2	135	65 5+00W	-13	170
" 0+25E	0	125	" 4+75W	-10	110
" 0+00E	0	125	" 4+50W	-9	120
" 0+25W	-3	120	" 4+25W	-6	125
" 0+50W	0	130	" 4+00W	-4	110
" 0+75W	-2	140	" 3+75W	-4	170
" 1+00W	-1	120	" 3+50W	-4	110
" 1+25W	-1	120	" 3+25W	-5	120
" 1+50W	0	125	" 3+00W	-3	120
" 1+75W	-2	125	" 2+75W	-3	130
" 2+00W	-3	145	" 2+50W	-4	120
" 2+25W	-3	140	" 2+25W	-2	120
" 2+50W	-4	130	" 2+00W	-1	120
" 2+75W	-5	120	" 1+75W	-2	110
" 3+00W	-5	130	" 1+50W	-2	110
" 3+25W	-5	105	" 1+25W	1	120
" 3+50W	-7	130	" 1+00W	2	140
" 3+75W	-11	130	" 0+75W	1	125
" 4+00W	-13	150	" 0+50W	0	160
			" 0+25W	1	135

Sta	Dip	F.S.
S 1+25W	-2	0
" 1+50W	-3	0
1+75W	-4	0
2+00W	-3	0
2+25W	-3	0
2+50W	-5	0
" 2+75W	-3	0
" 3+00W	-7	0
" 3+25W	-8	0
" 3+50W	-7	0
" 3+75W	-7	0
" 4+00W	-9	0
" 4+25W	-5	0
" 4+50W	-1	0
" 4+75W	+1	60
" 5+00W	+4	40
5S 5+00W	-1	40
" 4+75W	+1	10
" 4+50W	-4	50
" 4+25W	-9	40
" 4+00W	-11	40
" 3+75W	-10	60
" 3+50W	-10	0

Snowbird 4/5/85

Sta	Dip	F.S.
5S 3+25W	-9	0
" 3+00W	-8	10
" 2+75W	-7	0
" 2+50W	-6	0
" 2+25W	-5	0
" 2+00W	-3	10
" 1+75W	-2	10
" 1+50W	-6	30
" 1+25W	-3	10
" 1+00W	-1	40
" 0+75W	+3	30
" 0+50W	+5	60
" 0+25W	-2	10
10S 0+00E	+2	120
10S 0+25E	+2	150
" 0+50E	-1	140
" 0+75E	-1	130
" 1+00E	+3	10
" 1+25E	0	10
" 1+50E	+3	30
" 1+75E	+3	70
" 2+00E	+4	50
" 2+25E	0	90

Snowbird 4/5/85

Sta	Dip	F.S.
8S 0+00E	+5	0
" 0+25E	+1	0
" 0+50E	0	0
" 0+75E	+2	0
" 1+00E	0	0
" 1+25E	0	0
" 1+50E	-1	0
" 1+75E	+1	0
" 2+00E	-1	0
" 2+25E	-5	0
" 2+50E	+2	0
" 2+75E	-2	0
" 3+00E	-2	0
" 3+25E	+7	0
" 3+50E	-4	0
" 3+75E	0	0
" 4+00E	-3	0
" 4+25E	-4	30
" 4+50E	-3	40
" 4+75E	-9	10
" 5+00E	-7	10
9S 5+00E	-2	130
" 4+75E	-1	60

4/5/85

Sta	Dip	F.S.
9S 4+25E	0	40
" 4+00E	-3	30
" 3+75E	-4	20
" 3+50E	-1	0
" 3+25E	-4	0
" 3+00E	-5	0
" 2+75E	+5	0
" 2+50E	-4	0
" 2+25E	+1	0
" 2+00E	0	0
" 1+75E	+1	0
" 1+50E	-1	0
" 1+25E	-3	0
" 1+00E	0	0
" 0+75E	-1	0
" 0+50E	+3	0
" 0+25E	-3	0
" 0+00E	-1	0
" 0+25W	0	10
" 0+50W	-2	10
" 0+75W	-2	0
" 1+00W	-1	0

Snow bird

L Sta	Dip	F.S.
1N 0+00 E	+9	80
" 0+25 E	+10	20
" 0+50 E	+13	20
" 0+75 E	+9	20
" 1+00 E	+2	0
" 1+25 E	-3	0
" 1+50 E	-8	0
" [illegible]	-11	0
" [illegible]	0	0
" 2+00 E	-5	0
" 2+25 E	-7	0
" 2+50 E	-1	20
" 3+00 E	+2	0
" 3+25 E	-3	0
" 3+50 E	+6	0
" 3+75 E	-1	0
" 4+00 E	-1	0
" 4+25 E	-1	0
" 4+50 E	-8	0
" 4+75 E	CLOSED	
" 5+00 E		
2N 5+00 E	CLOSED	
" 4+75 E		

Snow bird (cont.)

L Sta	Dip	F.S.
10S 2+50 E	-3	80
" 2+75 E	-7	90
" 3+00 E	-5	60
" 3+25 E	-6	80
" 3+50 E	-1	60
" 3+75 E	-2	30
" 4+00 E	-1	70
" 4+25 E	-3	90
" [illegible]	-4	150
" [illegible]	-2	120
" [illegible]	+6	120
" 0+[illegible] W	-1	130
" 0+[illegible] W	-1	140
" 0+75 W	-2	140
" 1+00 W	-4	110
" 1+25 W	-5	100
" 1+50 W	-5	140
" 1+75 W	-5	120
" 2+00 W	-3	110
" 2+25 W	-4	110
" 2+50 W	-5	110
" 2+75 W	-4	140
" 3+00 W	-5	90

L Sta	Dip	F.S.
10S 3+25 W	-5	
" 3+50 W	-5	
" 3+75 W	-5	
" 4+00 W	-1	50
" 4+25 W	+1	
" 4+50 W	+2	
" 4+75 W	+3	
" 5+00 W	+4	

Snow Bird (cont.)

Sta.	Dip	F.S
5+00E	N/S	
4+75E	N/S	
4+50E	N/S	
4+25E	N/S	
4+00E	-13	45
3+75E	-6	20
3+50E	-6	10
3+25E	-3	10
3+00E	+3	0
2+75E	-1	0
2+50E	-11	0
2+25E	-16	30
2+00E	-9	20
1+75E	-10	0
1+50E	-5	10
1+25E	-1	10
1+00E	0	20
0+75E	-2	10
0+50E	-2	30
0+25E	-1	20
0+00E	+1	20
0+25W	-7	120
0+50W	-14	170

L. Sta.	Dip
0+75W	-8
1+00W	-3
1+25W	-5
1+50W	-3
1+75W	-2
2+00W	-4
2+25W	-4
2+50W	-5
2+75W	-5
3+00W	-5
3+25W	-7
3+50W	-8
3+75W	-7
4+00W	-2
4+25W	-3
4+50W	-5
4+75W	-5
5+00W	-8
5N 5+00W	-5
4+75W	-5
4+50W	-2
4+25W	-3
4+00W	-4

Snowbird (cont.)

L. Sta.	Dip	FS
4N 3+75W	-2	0
4+00W	-1	0
4+25W	-1	0
4+50W	-2	0
4+75W	-2	0
5+00W	-3	0
5N 5+00W	-4	0
4+75W	-5	0
4+50W	-3	0
4+25W	-2	0
4+00W	-2	0
3+75W	-2	0
3+50W	-1	0
3+25W	-1	0
3+00W	-2	0
2+75W	-3	0
2+50W	-4	0
2+25W	-2	0
2+00W	-1	0
1+75W	-2	0
1+50W	-2	0
1+25W	-4	0
1+00W	-5	0

L. Sta.	Dip	
3N 0+75W	0	0
0+50W	3	0
0+25W	9	0
5N 0+00E	2	0
0+25E	1	0
0+50E	2	25
0+75E	5	10
1+00E	5	10
1+25E	0	0
1+50E	-5	0
1+75E	-10	0
2+00E	-10	0
2+25E	-3	0
2+50E	-11	0
2+75E	-4	0
3+00E	-2	0
3+25E	-5	0
3+50E	-8	10
3+75E	-14	0
4+00E	-16	0
4+25E	-16	0
4+50E	N/S	
4+75E	N/S	
5+00E	N/S	

Snowbird (cont.) 6/15/82

L Sta	Dip	F.S.
5N 3+75W	-5	80
" 3+50W	-7	80
" 3+25W	-7	100
" 3+00W	-7	100
" 2+75W	-6	100
" 2+50W	-5	100
" 2+25W	-4	40
" 2+00W	-2	80
" 1+75W	+1	80
" 1+50W	+1	90
" 1+25W	-2	90
" 1+00W	-5	110
" 0+75W	-5	120
" 0+50W	-5	130
" 0+25W	-2	150
7N 0+25E	-4	190
" 0+50E	?+6	120
" 0+75E	-2	130
" 1+00E	-10	140
" 1+25E	-8	120
" 1+50E	-4	80
" 1+75E	-2	80
" 2+00E	-3	60

L Sta.	Dip	F.S.
7N 2+00E	-4	
" 2+25E	-2	
" 2+50E	-6	
" 2+75E	-1	
" 3+00E	-9	
" 3+25E	-5	
" 3+50E	-6	
" 3+75E	-7	
8N 3+25E	+1	
" 3+00E	-7	
" 2+75E	+2	
" 2+50E	+3	
" 2+25E	0	
" 2+00E	-4	
" 1+75E	-6	
" 1+50E	-5	
" 1+25E	-2	
" 1+00E	0	
" 0+75E	-1	
" 0+50E	-2	
" 0+25E	0	
" 0+00W	-1	
" 0+25W	-5	

Snowbird (cont.)

L Sta	Dip	F.S.
8N 0+50W	-6	10
" 0+75W	-5	40
" 1+00W	-2	30
" 1+25W	-4	40
" 1+50W	-5	10
" 1+75W	-4	80
" 2+00W	-5	20
" 2+25W	-2	20
" 2+50W	-2	20
" 2+75W	-3	0
" 3+00W	-4	0
" 3+25W	-3	0
" 3+50W	-5	0
" 3+75W	-5	0
" 4+00W	-7	0
" 4+25W	-7	50
" 4+50W	-7	80
" 4+75W	-6	80
" 5+00W	-5	70
7N 5+00W	-7	100
" 4+75W	-5	80
" 4+50W	-4	100
" 4+25W	-4	60

L Sta	Dip	
7N 4+00W	-6	7
" 3+75W	-6	7
" 3+50W	-6	1
" 3+25W	-5	1
" 3+00W	-3	2
" 2+75W	-2	3
" 2+50W	0	4
" 2+25W	-3	4
" 2+00W	-2	3
" 1+75W	-3	3
" 1+50W	-5	4
" 1+25W	-2	4
" 1+00W	-2	3
" 0+75W	-3	5
" 0+50W	-4	4
" 0+25W	-8	4
9N 0+00E	-5	4
" 0+25E	-4	
" 0+50E	-3	1
" 0+75E	-5	
" 1+00E	-2	
" 1+25E	-2	2
" 1+50E	-3	0

Snowbird (cont.) 6/5/86

L	Sta	Dip	F.S
9N	4+00W	-7	0
"	4+25W	-8	0
"	4+50W	-8	0
"	4+75W	-9	0
"	5+00W	-10	6