

IM

**YEIP  
2000-  
035  
2000**

SC 208346 / 24  
— YM, P# 00-035 —  
CATHY WOOD

**YEIP  
2000-  
035  
2000**

**GEOPHYSIQUE / GEOCHEMISTRY**

**REPORT**

**YMIP#00-35**

**SCROGGIE 1-24**

**GRANT# YC17251-YC17266,YCO20535-YCO17259**

**DAWSON MINING DIVISION**

**NTS # 115 0/2**

**LAT 63'02 NORTH**

**LONG 138'35 WEST**

**AUTHOR OF REPORT SHAWN RYAN**

**WORK PERFORMED FOR CATHY WOOD**

**OCTOBER,9-20 2000**

**DATE OF REPORT JANUARY 2001**

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## **SUMMARY**

The Scroggie 1-24 claims, grant # YC17251-YC17266,YC20535-YC20542 registered to Shawn Ryan will be renewed for 5 year. I cut 3 kilometers of base line and flagged 10 kilometers of grid. I ran 14 kilometers of magnetic survey and 11 kilometers of VLF EM survey. I finish the job with soil sampling over some of the EM anomalies. The only new mineralization found was pyrrhotite with a little chalcopyrite

## **INTRODUCTION**

The scroggie 1-24 claims where staked to cover a small magnetic anomaly. The claim group also cover the richest placer area on the whole creek system. The model being sought after is a mother load type

## **LOCATION**

The Scroggie 1-24 claims are located 75 air mile south east of Dawson City. The claim block west boundary ties on to scroggie creek about 400 meter downstream from Steven creek junction

## **ACCESS**

Access can be attained by two ways One is to fly from Dawson City via fixed wing or helicopter There is a runway situated on the east end of the claim block on Scroggie creek. The run way is being maintained by the local placer miner. The second way to gain access is via a winter road from behind the Pelly farm. The Pelly Farm is located 30 miles down the Pelly river from the community of Pelly crossing. There a good dirt road starting from Pelly crossing that leads to the Farm. At this point you can use a 4\*4 four wheeler and drive through the farm property closing all gates behind. The road is actually the old Dawson to Whitehorse road. The road to the Scroggie property is about 70 miles long so take plenty of gas and hope you dont break down.

## **PROPERTY GEOLOGY**

According to Bostock geology map number 711A called the Olgilvie Geology Map the Scroggie claims lie in the Yukon group. The group includes gneiss, quartzite, schist and slate. I have found a large pegmatite system running up a small side creek. I have also noted a rock unit that carries garnets up to 1 cm, in a felsic off white matrix with hornblende crystal up to two cm. long by 2-5 mm. wide. This rock unit that I thought was some sort of skarn was now explain to me to be as being a felsic volcanic rock unit. The GSC geologist Jim Ryan was the one to identify the rock unit. The GSC are presently undertaking a regional geology mapping program and have identified the same rock unit in the Thistle creek area.

## **WORK PERFORMED/ METHODS**

### **GRID WORK**

We flew into the Scroggie property on October 9, 2000. We started the grid by cutting line 000. We cut 1000 meters up hill to the east. This line would be our tie in line. We cut a tie line at 500 east and 1000 east. The tie line were cut to station 900 south. We then proceeded to flag cross line every 100 meters. The flag lines were flagged every 25 meters with orange flagging and marked with permanent black marker. The total grid work done on the Scroggie claims are 13 kilometers of line work.

### **MAGNETIC SURVEY**

A magnetic survey was run over the entire grid plus some detail 50 meter line. I started the survey by tying in L-000, St -000 to L-000, St-500E. At this point I read line 000 to 500 east. I proceeded to survey TL 500 east and tie it in to L-000, St-000. I surveyed the rest of line 000 to station 1000 East. I then ran tie line 1000east to 900 south. I tie this tie-line into L-000, St-000. Now that all the tie lines are all tie in I could proceed with the rest of the survey. I ran the magnetic survey by taking reading every 25 meters with detail 12.5 meters reading in the anomalous zone. I corrected the magnetic drift with my tying into the tie lines TL-000,TL-500E and TL-1000E. All tie-ins were used to hand correct the magnetic diurnal drift. I have provided all the data in the back of this report. It includes station # , time of reading, raw data, diurnal drift, and corrected reading.

### **VLF-EM SURVEY**

A VLF-EM survey was ran by Scott Fleming. Scott used Seattle, Washington as his survey station. Scott took reading every 25 meters. A total of 8.5 kilometers of line was read. The instrument used for this survey was a Phoenix VLF

## **SOIL SURVEY**

A soil survey was performed on certain lines. I targeted the anomalous EM conductor that was associated with magnetic anomalies. A total of 21 sample were taken across two anomaly. Soil are from the B-horizon. Soil were dug from 10-12 inch below surface.

## **INTERPRETATION**

### **MAGNETIC SURVEY**

The magnetic survey revealed three anomalies. Anomaly A is a north west trending structure t run from line 000 at station 200east to line 800 south at station 500 east. It's a narrow anomaly average with of 25 meters. The anomaly reached a high of 59098 gammas to a low of 56886 gammas. I prospected around the anomaly and found a narrow band of disseminated magnetite in a felsic rock unit.

Anomaly B is centered on line 200 south at station 800 east. It's a narrow north west trending anomaly running from line 000,ST-775east to line 400 south, ST-950east. The average with is 50 meters. The highest value recorded was 58064 gammas with no real dipole low found. I never prospected this area but assume the anomaly to be potentially disseminated magnetite like anomaly A.

Anomaly C is centered on line 700 south at station 800 east. This anomaly is about 150 meters wide by about 350 meters long. This anomaly does conform to the regional pattern seen in anomaly A and B. It's running more east-west. This anomaly produced the highest value on the property with value reaching 60190 gammas and lows of 57171 gammas. I prospected this anomaly and found a mafic rock unit carrying lots of magnetite

## **VLF-EM SURVEY**

The VLF-EM survey revealed two anomalous conductors. Anomaly A produced a nice long anomaly running the entire length of the grid. It starts at line 000 and station 300 east. It travel in a south east direction leaving the grid on line 900 south at station 775 east. This VLF anomaly is situated on the Magnetic A anomaly. I'm assuming that the conductor is from the magnetic rock unit running on this VLF trend.

Anomaly B is located in the north east corner of the grid. It's a weaker anomaly but it does follow the magnetic anomaly B. The anomaly cross line 000, St-775east and trends in a south east direction to line 400 south,St-900 east. I'm not sure of nature of this anomaly but it may be another structurally controlled rock unit carrying disseminated magnetite.

## **SOIL SURVEY**

The soil survey focused on the magnetic and VLF anomaly A. We took 19 soil of B-horizon on the grid lines at the conductor and down slope of the conductors. The soil over anomaly A only revealed one anomalous reading and that was SC300-250E. This sample gave anomalous value in Co 30ppm, Cr135ppm, Cu 72ppm, Ni 82ppm and Zn 98ppm. This geochem signature appears to look like a ultramafic type signature. This is possible since there is a large ultramafic body situated north east of the property called Peroxine Mountain. I also dug a small pit on the Magnetic Anomaly C. This soil pit was 2 5 feet deep and reached decomposed bedrock. I took two soil samples One on top called SC750-650 ET and one from the bottom called SC750-650 EB.

This soil was situated on Line 750 south at station 650 east. Both soil revealed no anomalous value other than iron. I did find a mafic rock unit that was carrying magnetite.

## **ROCK SAMPLING**

I ran seven rock sample from the property. There was no real anomalous value seen. Even the Pyrrhotite SCPHY-R01 sample gave minor Cu 104ppm. This sample had visible chalcopyrite in it. Refer to rock index map for sample location.

## **RECOMMENDATION**

I would recommend further prospecting on the anomalies A,B, and C. Small hand trenches dug deeper over the conductor should give better and fresher rock samples. I would also recommended taking deep soil sample over Anomaly B. I would also note that the placer miner are stripping about 200 meters north of line 000, station000. The magnetic and VLF-EM Anomaly A is headed right into there stripping operation. I would suggest returning to see the bedrock, once the placer miner are finish working on the pit.

## **COST**

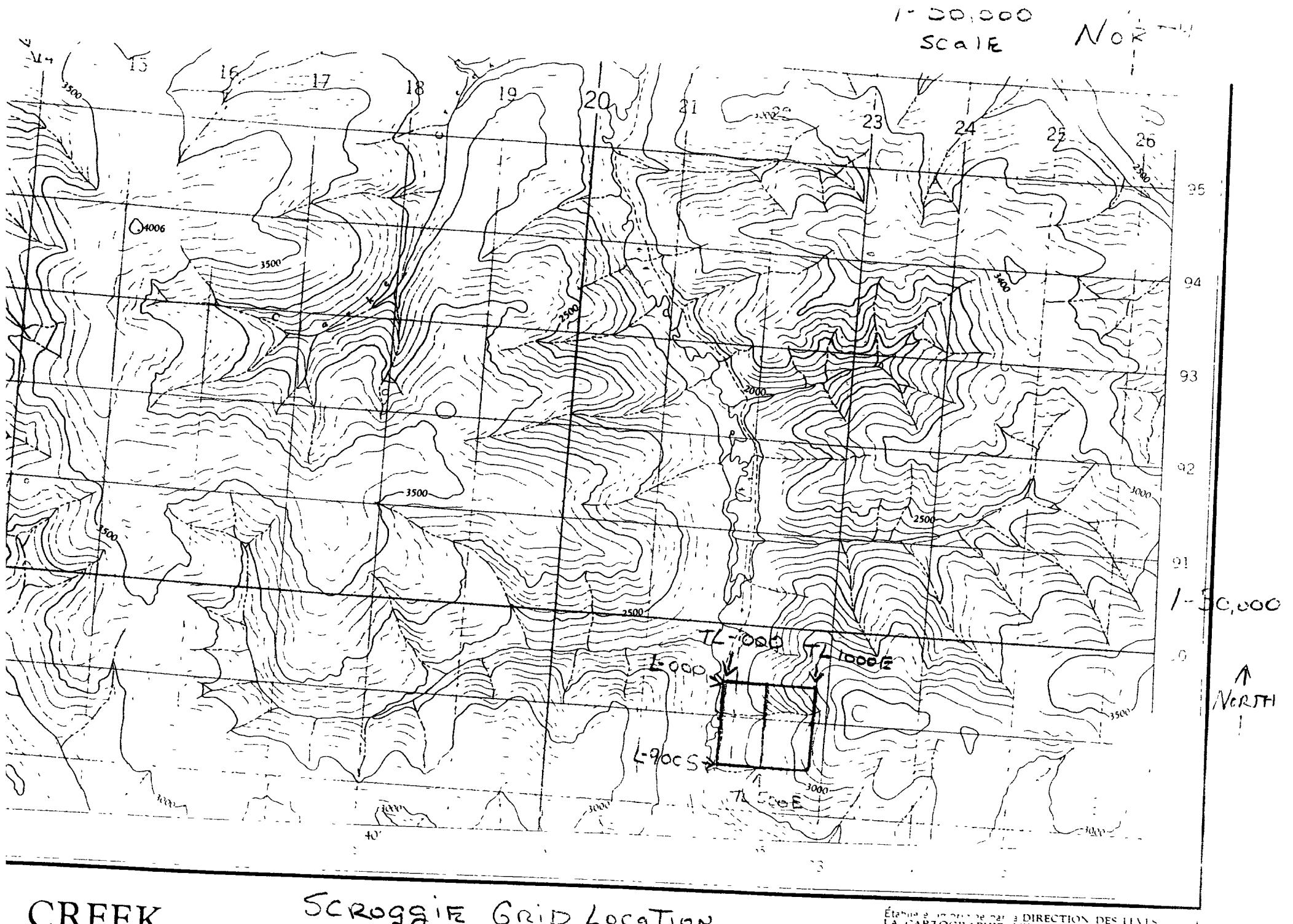
Line Cutting 3 KL @ \$450.00 KL	\$1,350.00
Flagged Lines 10 KL @ \$325.00KL	\$3,250.00
Magnetic Survey 14 KL @ \$250.00KL	\$3,500.00
VLF Survey 11 KL @ \$250.00KL	\$2,750.00
Soil sampling 3 days @ \$200.00	\$ 600.00
Air Transport Bonanza Air	\$1,100.00
Assay work	\$ 650.00
Report writing	\$ 900.00
Total	\$14,050.00

## **QUALIFICATIONS**

I have worked in the exploration business for the last 19 years. I have run geophysical survey for the last 12 years. I have being actively prospecting in the Yukon for the last 7 years. I have personally work on this project and state that all the data to be true

Prospector  
Shawn Ryan

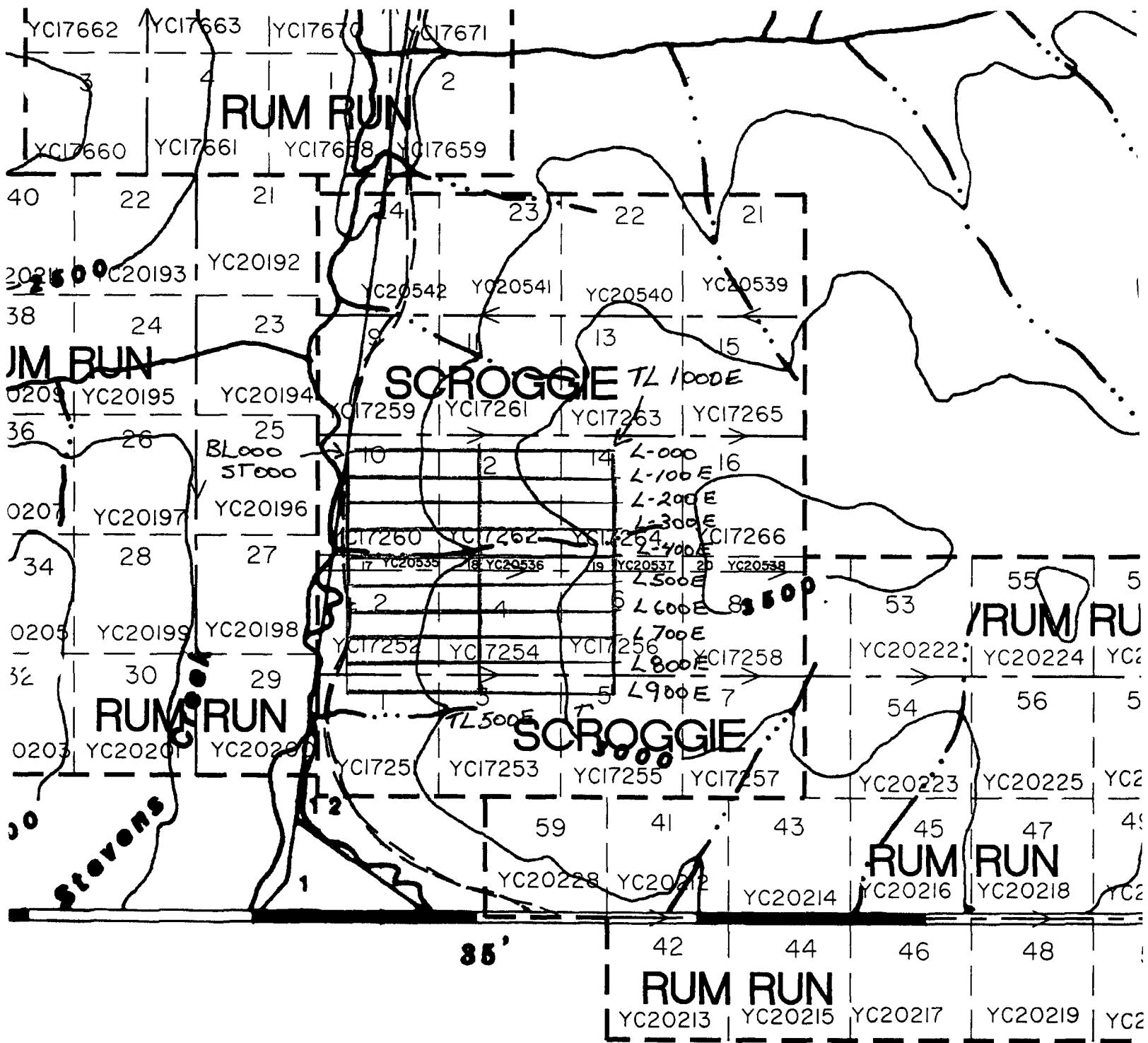




# CREEK RITORY

SCROGGIE GRID LOCATION  
NTS # 115 012

Établie le 10.01.58 par la DIRECTION DES ETUDES  
LA CARTOGRAPHIE MINISTÈRE DES MINES  
RELEVÉS TECHNIQUES



# Scroggie Grid Location

NTS 115 012

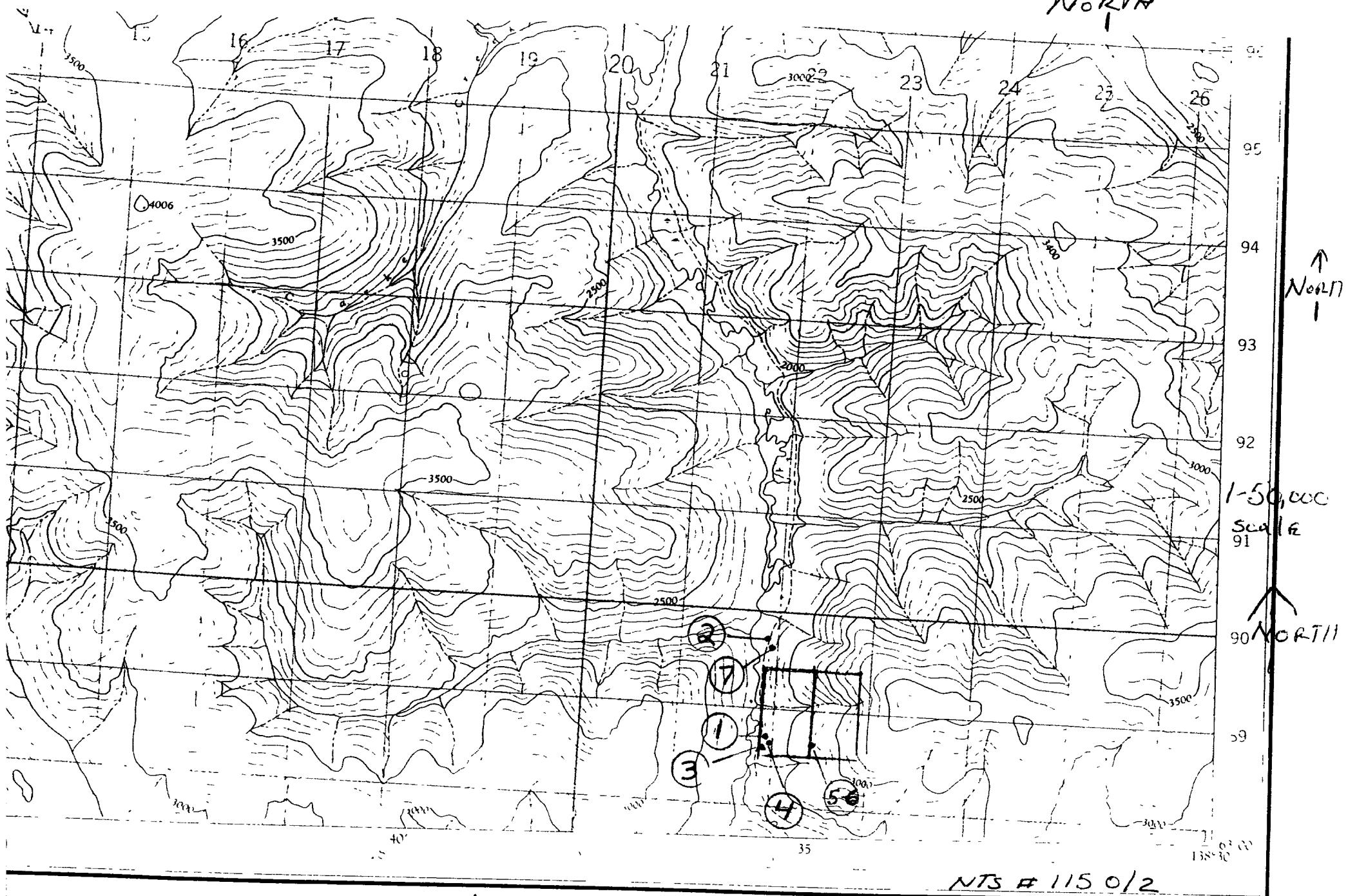
No ↑  
R TH  
I

500m  
Scale

WORKED OCT / 2000

1-50,000 SCALE

NORTH



CREEK  
RRIOTORIY

Scroggie 1-24 claims  
Rock SAMPLE Location map

NTS # 115 02

Établie et imprimée par la DIRECTION DES LEVÉES ET DE LA CARTOGRAPHIE MINISTÈRE DES MINES ET DES  
RELEVÉS TECHNIQUES  
1962

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Project .  
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## CERTIFICATE OF ANALYSIS

A0034975

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
SC PHY R01	205 226	< 5	0.2	0.61	< 2	< 10	50	< 0.5	< 2	0.89	< 0.5	30	38	104	2.81	< 10	< 1	0.11	< 10	0.35
SC 20 R05	205 226	< 5	< 0.2	0.25	2	< 10	90	< 0.5	< 2	0.20	< 0.5	1	55	4	0.22	< 10	< 1	0.14	< 10	0.03
SC 20 BEODRA	205 226	< 5	< 0.2	1.49	< 2	< 10	10	< 0.5	< 2	1.39	< 0.5	24	38	85	3.11	< 10	< 1	0.11	< 10	1.16
SC 20 R03	205 226	< 5	< 0.2	0.59	< 2	< 10	150	< 0.5	< 2	0.65	< 0.5	55	54	62	1.41	< 10	< 1	0.06	< 10	0.09
SC 20 R04	205 226	< 5	< 0.2	0.49	< 2	< 10	120	< 0.5	< 2	0.13	< 0.5	11	78	21	0.74	< 10	< 1	0.19	< 10	0.13
SC 20 R07	205 226	< 5	< 0.2	0.74	< 2	< 10	10	< 0.5	< 2	0.20	< 0.5	6	29	1	2.08	< 10	< 1	0.07	< 10	0.57
SC 20 R09	205 226	< 5	< 0.2	1.96	< 2	< 10	390	2.5	< 2	1.10	0.5	22	24	31	5.62	10	< 1	0.50	20	2.44
SC BLACK DRA	205 226	< 5	< 0.2	1.58	52	< 10	100	1.0	< 2	2.16	0.5	14	20	43	4.28	< 10	< 1	0.14	< 10	1.59
VMS 20 R03	205 226	---	< 0.2	1.88	2	< 10	170	0.5	< 2	0.22	0.5	8	107	48	3.60	< 10	< 1	0.85	20	0.73
CAL SK 11	205 226	10	0.6	5.85	< 2	< 10	< 10	1.5	< 2	3.91	< 0.5	29	54	513	3.46	10	< 1	0.03	10	0.08
CAL SK-03	205 226	< 5	1.0	2.82	< 2	< 10	< 10	0.5	< 2	2.12	< 0.5	26	26	518	4.33	< 10	< 1	0.01	< 10	0.05
375 100W R03	205 226	10	< 0.2	3.75	< 2	< 10	10	0.5	4	2.85	< 0.5	3	59	38	0.90	< 10	< 1	0.08	10	0.07
400 50W R04	205 226	5	< 0.2	3.83	6	< 10	130	0.5	< 2	1.23	< 0.5	16	130	41	3.02	10	< 1	1.27	10	1.34
400 50W R06	205 226	30	0.2	0.93	< 2	< 10	10	< 0.5	< 2	1.01	< 0.5	6	103	162	1.82	< 10	< 1	0.04	< 10	0.07
L375 75W R08	205 226	15	0.2	2.11	< 2	< 10	< 10	0.5	2	2.98	< 0.5	6	31	149	2.24	< 10	< 1	0.08	< 10	0.07
L375 75W R09	205 226	60	0.6	3.61	4	< 10	< 10	1.5	22	2.47	< 0.5	13	43	330	4.10	< 10	< 1	0.09	10	0.09
L350 25E R10	205 226	60	0.2	4.60	< 2	< 10	< 10	0.5	46	4.69	< 0.5	6	23	142	2.87	10	< 1	0.01	10	0.05
375 175E R11	205 226	45	0.6	3.00	< 2	< 10	< 10	0.5	26	2.35	< 0.5	9	21	385	3.70	< 10	< 1	0.05	10	0.04
375 175E R12	205 226	525	1.6	1.45	8	< 10	< 10	0.5	324	1.18	< 0.5	17	55	594	5.67	< 10	< 1	0.02	10	0.11
L508 50E R13	205 226	5	< 0.2	0.94	6	< 10	20	< 0.5	< 2	0.30	< 0.5	7	98	50	2.20	< 10	< 1	0.09	< 10	0.13
L258 75E R16	205 226	< 5	0.2	2.71	< 2	< 10	60	0.5	< 2	0.89	< 0.5	10	74	37	3.00	10	< 1	0.64	10	0.57
GAL P.T 2 BTR	205 226	< 5	0.6	5.00	< 2	< 10	30	2.0	6	3.63	< 0.5	8	59	116	1.83	10	< 1	0.04	10	0.73
L100N-50ER	205 226	< 5	2.6	3.86	26	< 10	< 10	1.5	8	2.32	2.5	21	40	1815	13.30	10	< 1	0.01	< 10	0.09
HEM HWY R01	205 226	5	< 0.2	2.62	< 2	< 10	2230	0.5	< 2	1.58	0.5	33	54	716	5.16	10	< 1	0.16	30	3.57
HEM 20 R02	205 226	5	1.8	5.16	20	< 10	40	0.5	< 2	0.07	2.5	48	153	61	13.60	20	< 1	0.10	< 10	4.12
HEM 20 R03	205 226	< 5	2.0	0.58	< 2	< 10	40	< 0.5	< 2	4.12	< 0.5	10	140	9310	3.31	< 10	< 1	0.02	< 10	2.53
HEM 20 R04	205 226	5	0.6	2.92	2	< 10	680	0.5	< 2	0.19	1.5	75	45	824	8.80	10	< 1	0.14	< 10	3.00
HEM 20 R0111	205 226	10	0.6	0.40	96	< 10	310	0.5	< 2	3.22	1.5	96	33	2860	6.88	< 10	< 1	0.10	< 10	2.04
HEM 20 R022	205 226	< 5	0.2	0.28	8	< 10	300	< 0.5	2	9.44	< 0.5	23	11	144	1.98	< 10	< 1	0.19	10	5.59
HEM 20 R0333	205 226	5	0.8	0.98	6	< 10	1560	0.5	< 2	0.94	1.0	12	24	1445	11.00	< 10	< 1	0.01	< 10	1.10
JL 20 R01	205 226	< 5	< 0.2	1.23	< 2	< 10	330	< 0.5	< 2	0.10	< 0.5	10	130	34	2.37	< 10	< 1	0.72	< 10	0.54
JL 20 R02	205 226	50	1.8	1.37	10	< 10	10	0.5	< 2	0.53	3 0	102	85	277	> 15.00	10	< 1	0.37	< 10	0.73

SC ROGGINS 1-24 claims  
 Rock samples

NTS # 115 012  
*[Handwritten Signature]*

CERTIFICATION



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## CERTIFICATE OF ANALYSIS A0034975

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SC PHY R01	205	226	255	1	0.09	16	780	6	1.25	< 2	3	31	0.12	< 10	< 10	20	< 10	30
SC 20 R05	205	226	40	1	0.06	1	10	8	0.03	< 2	< 1	19	< 0.01	< 10	< 10	1	< 10	6
SC 20 BEODRA	205	226	470	1	0.17	49	1170	2	0.88	< 2	8	17	0.14	< 10	< 10	62	< 10	50
SC 20 R03	205	226	100	14	0.01	46	150	4	0.52	< 2	1	32	0.06	< 10	< 10	11	< 10	28
SC 20 R04	205	226	35	10	0.08	28	150	6	0.21	< 2	< 1	29	0.05	< 10	< 10	9	< 10	24
SC 20 R07	205	226	220	< 1	0.14	1	570	< 2	< 0.01	< 2	5	7	0.06	< 10	< 10	65	< 10	38
SC 20 R09	205	226	1240	< 1	0.10	14	2470	8	< 0.01	< 2	13	76	0.25	< 10	< 10	168	< 10	106
SC BLACK DRA	205	226	615	6	0.01	12	960	14	0.79	< 2	7	120	< 0.01	< 10	< 10	63	< 10	62
VMS 20 R03	205	226	280	< 1	0.01	34	820	10	0.02	< 2	4	18	0.11	< 10	< 10	54	< 10	226
CAL SK 11	205	226	90	< 1	0.25	46	190	8	2.16	< 2	< 1	209	0.06	< 10	< 10	8	10	30
CAL SK-03	205	226	220	< 1	0.09	30	150	2	2.08	< 2	< 1	79	0.04	< 10	< 10	3	80	50
375 100W R03	205	226	105	< 1	0.49	11	180	4	0.24	< 2	1	152	0.06	< 10	< 10	11	< 10	26
400 50W R04	205	226	165	< 1	0.21	40	90	6	0.35	< 2	8	87	0.17	< 10	< 10	56	< 10	46
400 50W R06	205	226	95	< 1	0.11	16	60	2	0.70	< 2	< 1	51	0.03	< 10	< 10	3	< 10	22
L375 75W R08	205	226	235	< 1	0.57	18	500	2	1.01	< 2	< 1	63	0.04	< 10	< 10	3	< 10	42
L375 75W R09	205	226	225	< 1	0.54	27	200	8	2.31	< 2	1	115	0.06	< 10	< 10	9	< 10	56
L350 25E R10	205	226	325	< 1	0.19	7	860	4	1.08	< 2	< 1	209	0.05	< 10	< 10	6	< 10	32
375 175E R11	205	226	230	< 1	0.35	13	880	6	2.09	< 2	< 1	96	0.03	< 10	< 10	3	< 10	64
375 175E R12	205	226	345	< 1	0.12	34	120	4	3.39	< 2	< 1	48	0.04	< 10	< 10	6	< 10	52
L508 50E R13	205	226	75	< 1	0.08	8	70	2	0.40	< 2	1	38	0.03	< 10	< 10	10	< 10	16
L258 75E R16	205	226	105	< 1	0.19	19	200	8	0.49	< 2	4	85	0.11	< 10	< 10	31	< 10	40
QAL P.T 2 BTR	205	226	130	7	0.47	27	340	14	0.77	< 2	1	188	0.05	< 10	< 10	33	< 10	30
L100N-50ER	205	226	40	1	0.30	9	410	10	>5.00	< 2	< 1	184	0.02	< 10	< 10	5	< 10	16
HEM HWY R01	205	226	1175	1	0.01	39	580	< 2	0.08	< 2	4	92	0.01	< 10	< 10	54	< 10	44
HEM 20 R02	205	226	350	< 1	< 0.01	94	320	56	3.51	< 2	9	6	0.01	< 10	< 10	155	< 10	140
HEM 20 R03	205	226	2690	4	0.01	12	60	4	0.52	< 2	7	31	< 0.01	< 10	< 10	20	< 10	16
HEM 20 R04	205	226	365	1	< 0.01	45	580	2	0.11	< 2	6	11	0.03	< 10	< 10	164	< 10	44
HEM 20 R0111	205	226	1775	4	< 0.01	24	570	6	0.23	2	2	117	0.01	< 10	< 10	17	< 10	12
HEM 20 R022	205	226	3620	< 1	0.01	6	380	< 2	0.05	< 2	3	33	< 0.01	< 10	< 10	5	< 10	6
HEM 20 R0333	205	226	310	< 1	< 0.01	18	80	2	0.09	< 2	6	35	< 0.01	< 10	< 10	78	20	12
JL 20 R01	205	226	85	< 1	0.04	39	160	6	0.51	< 2	6	9	0.15	< 10	< 10	57	< 10	80
JL 20 R02	205	226	145	3	0.08	33	440	14	>5.00	< 2	3	10	0.08	< 10	< 10	25	10	118

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## CERTIFICATE OF ANALYSIS A0034983

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
DOSS -01	201	202	260	< 1	0.01	13	540	14	0.01	< 2	2	19	0.03	< 10	< 10	30	< 10	62
DOSS -02	201	202	925	< 1	< 0.01	8	380	38	0.03	< 2	1	26	0.01	< 10	< 10	16	< 10	134
DOSS -03	201	202	545	< 1	< 0.01	8	450	86	0.05	< 2	1	23	0.01	< 10	< 10	16	< 10	82
DOSS -04	201	202	170	1	< 0.01	4	240	30	0.03	< 2	1	22	0.01	< 10	< 10	10	< 10	44
DOSS -05	201	202	210	2	< 0.01	7	340	30	0.06	< 2	1	33	0.01	< 10	< 10	14	< 10	48
CAT20 SO 5	201	202	160	< 1	0.01	23	490	8	< 0.01	< 2	3	18	0.07	< 10	< 10	48	< 10	64
CAT20 SO 6	201	202	220	< 1	0.01	29	780	10	< 0.01	< 2	3	29	0.06	< 10	< 10	47	< 10	90
CAT20 SO 7	201	202	305	< 1	0.02	21	820	6	< 0.01	< 2	6	18	0.19	< 10	< 10	104	< 10	68
CAT20 SO 8	201	202	240	< 1	0.02	14	740	2	< 0.01	< 2	4	20	0.17	< 10	< 10	78	< 10	58
CAT20 SO 9	201	202	500	< 1	0.03	17	430	6	< 0.01	< 2	9	35	0.20	< 10	< 10	120	< 10	82
CAT20 SO 10	201	202	280	< 1	0.03	20	610	8	0.02	< 2	4	40	0.07	< 10	< 10	48	< 10	58
CAT20 SO 11	201	202	510	< 1	0.02	18	640	6	0.01	< 2	8	31	0.12	< 10	< 10	77	< 10	82
CAT20 SO 12	201	202	185	< 1	0.01	14	410	6	< 0.01	< 2	3	18	0.06	< 10	< 10	46	< 10	40
CAT20 SO 13	201	202	190	< 1	0.01	23	480	6	< 0.01	< 2	4	23	0.10	< 10	< 10	65	< 10	50
CAT20 SO 14	201	202	485	< 1	0.02	23	430	6	0.01	< 2	4	28	0.10	< 10	< 10	51	< 10	66
CAT20 SO 15	201	202	305	< 1	0.03	27	710	8	0.01	< 2	4	38	0.06	< 10	< 10	45	< 10	60
CAT20 SO 16	201	202	340	< 1	0.02	25	470	8	< 0.01	< 2	5	28	0.08	< 10	< 10	56	< 10	56
CAT20 SO 17	201	202	310	< 1	0.01	46	680	8	0.03	< 2	3	25	0.06	< 10	< 10	44	< 10	60
CAT 2088 01	201	202	745	< 1	0.01	49	480	6	0.03	< 2	6	48	0.07	< 10	< 10	48	< 10	46
CAT 2088 02	201	202	580	1	0.01	33	660	6	0.02	< 2	4	41	0.07	< 10	< 10	47	< 10	72
CAT 2088 03	201	202	210	< 1	0.01	11	620	6	0.01	< 2	3	21	0.08	< 10	< 10	44	< 10	40
CAT 2088 04	201	202	125	< 1	0.01	6	930	2	< 0.01	< 2	1	15	0.06	< 10	< 10	41	< 10	26
CAT 2088 05	201	202	255	< 1	0.01	12	670	2	0.01	< 2	3	23	0.09	< 10	< 10	45	< 10	54
CAT 2088 06	201	202	300	< 1	0.02	32	670	6	0.01	< 2	3	39	0.06	< 10	< 10	43	< 10	54
CAT 2088 07	201	202	220	< 1	0.02	15	680	2	< 0.01	< 2	3	25	0.06	< 10	< 10	42	< 10	42
CAT 2088 08	201	202	295	< 1	0.02	13	930	2	< 0.01	< 2	4	22	0.06	< 10	< 10	50	< 10	44
GAI-TS-01	201	202	140	< 1	0.17	24	600	30	1.00	< 2	6	156	0.12	< 10	< 10	31	< 10	30
GAI-TS-02	201	202	225	< 1	0.09	24	680	22	0.79	< 2	4	71	0.07	< 10	< 10	29	< 10	40
GAI-TS-03	201	202	95	< 1	0.01	12	490	6	0.07	< 2	< 1	11	0.03	< 10	< 10	31	< 10	28
SC SS20-01	201	202	690	< 1	0.02	21	990	8	0.04	< 2	, 5	42	0.11	< 10	< 10	55	< 10	82
SC 375 SS 180	201	202	435	< 1	0.01	19	1090	6	0.01	< 2	4	47	0.08	< 10	< 10	49	< 10	64
SC 400 SS 385	201	202	555	< 1	0.01	19	1010	4	0.03	< 2	5	61	0.11	< 10	< 10	55	< 10	78
SC 750 650 ET	201	202	580	< 1	0.01	17	540	8	< 0.01	< 2	7	30	0.11	< 10	< 10	99	< 10	68
SC 750 650 EB	201	202	2140	< 1	0.03	19	2080	14	0.01	< 2	15	67	0.14	< 10	< 10	155	< 10	88
SC RED ROAD	201	202	1310	5	0.01	27	1430	22	0.18	< 2	27	64	< 0.01	< 10	< 10	74	< 10	102
SC 200-150E	201	202	280	4	0.01	35	880	10	0.01	< 2	6	23	0.16	< 10	< 10	111	< 10	76
SC 200-175E	201	202	325	< 1	0.01	20	550	8	< 0.01	< 2	5	25	0.13	< 10	< 10	57	< 10	76
SC 200-200E	201	202	570	< 1	0.01	16	620	8	< 0.01	< 2	9	31	0.15	< 10	< 10	54	< 10	116
SC 200-225E	201	202	850	< 1	0.01	17	1150	16	0.01	< 2	8	40	0.15	< 10	< 10	55	< 10	112
SC 200-250E	201	202	245	< 1	0.01	14	390	12	< 0.01	< 2	4	22	0.08	< 10	< 10	52	< 10	60

CERTIFICATION *[Signature]*



# ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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Page No. 1-A  
 Total Pcs. 2  
 Certificate Date 08-DEC-2000  
 Invoice No. 10034983  
 P O Number  
 Account PRP

Project :  
 Comments ATTN: SHAWN RYAN

## CERTIFICATE OF ANALYSIS A0034983

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	K %	La ppm	Mg %
DOSS -01	201 202	< 5 < 0.2	1.07	2	< 10	390	< 0.5	< 2	0.24	< 0.5	8	19	9	1.73	< 10	< 1	0.04	10	0.39	
DOSS -02	201 202	< 5 < 0.2	0.67	2	< 10	560	< 0.5	< 2	0.29	2.5	9	9	12	2.55	< 10	< 1	0.04	20	0.25	
DOSS -03	201 202	20 < 0.2	0.65	2	< 10	750	< 0.5	< 2	0.33	< 0.5	7	11	11	2.04	< 10	< 1	0.04	20	0.23	
DOSS -04	201 202	< 5 < 0.2	0.58	2	< 10	620	< 0.5	< 2	0.19	< 0.5	4	6	8	1.18	< 10	< 1	0.05	20	0.16	
DOSS -05	201 202	< 5 < 0.2	0.74	2	< 10	470	< 0.5	< 2	0.25	< 0.5	5	9	11	1.90	< 10	< 1	0.06	30	0.19	
CAT20 SO 5	201 202	< 5 < 0.2	1.13	8	< 10	120	< 0.5	< 2	0.25	< 0.5	10	27	26	2.27	< 10	< 1	0.08	< 10	0.51	
CAT20 SO 6	201 202	< 5 < 0.2	1.18	10	< 10	260	0.5	< 2	0.41	< 0.5	13	25	36	2.44	< 10	< 1	0.14	10	0.57	
CAT20 SO 7	201 202	< 5 < 0.2	2.36	< 2	< 10	300	< 0.5	< 2	0.38	< 0.5	17	45	72	3.40	10	< 1	0.66	< 10	1.68	
CAT20 SO 8	201 202	< 5 < 0.2	2.30	< 2	< 10	320	< 0.5	< 2	0.50	< 0.5	16	57	64	2.81	10	< 1	0.84	< 10	1.91	
CAT20 SO 9	201 202	< 5 < 0.2	2.95	< 2	< 10	430	0.5	< 2	0.57	< 0.5	21	57	74	4.38	10	< 1	0.89	< 10	2.33	
CAT20 SO 10	201 202	< 5 < 0.2	1.26	8	< 10	320	< 0.5	< 2	0.87	< 0.5	10	29	35	2.30	< 10	< 1	0.11	10	0.60	
CAT20 SO 11	201 202	< 5 < 0.2	2.05	< 2	< 10	240	0.5	< 2	0.68	< 0.5	16	83	42	3.23	< 10	< 1	0.46	< 10	1.82	
CAT20 SO 12	201 202	< 5 < 0.2	1.25	2	< 10	150	< 0.5	< 2	0.33	< 0.5	9	31	21	1.96	< 10	< 1	0.06	< 10	0.65	
CAT20 SO 13	201 202	< 5 < 0.2	1.62	2	< 10	160	< 0.5	< 2	0.43	< 0.5	12	51	28	2.69	< 10	< 1	0.12	< 10	0.91	
CAT20 SO 14	201 202	< 5 < 0.2	1.78	< 2	< 10	290	0.5	< 2	0.55	< 0.5	10	42	31	2.45	< 10	< 1	0.20	< 10	0.70	
CAT20 SO 15	201 202	< 5 < 0.2	1.10	6	< 10	380	0.5	< 2	0.59	< 0.5	10	26	32	2.33	< 10	< 1	0.06	< 10	0.55	
CAT20 SO 16	201 202	< 5 < 0.2	1.45	6	< 10	320	0.5	< 2	0.45	< 0.5	11	31	22	2.62	< 10	< 1	0.06	10	0.57	
CAT20 SO 17	201 202	25 < 0.2	0.91	38	< 10	340	< 0.5	< 2	0.37	< 0.5	13	53	33	2.21	< 10	< 1	0.13	< 10	0.71	
CAT 20SS 01	201 202	< 5 < 0.2	1.75	4	< 10	520	0.5	< 2	0.59	< 0.5	21	71	98	2.33	< 10	< 1	0.14	30	0.74	
CAT 20SS 02	201 202	< 5 < 0.2	1.16	18	< 10	370	0.5	< 2	0.54	< 0.5	12	38	35	2.26	< 10	< 1	0.22	10	0.59	
CAT 20SS 03	201 202	135 < 0.2	0.99	< 2	< 10	180	< 0.5	< 2	0.43	< 0.5	8	26	22	1.74	< 10	< 1	0.09	< 10	0.60	
CAT 20SS 04	201 202	10 < 0.2	0.54	< 2	< 10	80	< 0.5	< 2	0.40	< 0.5	5	16	13	1.50	< 10	< 1	0.05	< 10	0.33	
CAT 20SS 05	201 202	< 5 < 0.2	1.16	< 2	< 10	260	< 0.5	< 2	0.49	< 0.5	8	27	22	1.90	< 10	< 1	0.13	< 10	0.70	
CAT 20SS 06	201 202	< 5 < 0.2	0.98	10	< 10	190	< 0.5	< 2	0.60	< 0.5	10	37	25	2.01	< 10	< 1	0.11	< 10	0.68	
CAT 20SS 07	201 202	< 5 < 0.2	0.89	< 2	< 10	170	< 0.5	< 2	0.58	< 0.5	9	25	26	1.83	< 10	< 1	0.08	< 10	0.57	
CAT 20SS 08	201 202	< 5 < 0.2	0.84	< 2	< 10	160	< 0.5	< 2	0.58	< 0.5	10	26	28	2.06	< 10	< 1	0.09	< 10	0.59	
QAI-TS-01	201 202	65 1.4	5.48	46	< 10	90	1.5	136	0.06	< 0.5	8	38	406	10.65	10	< 1	0.37	20	0.51	
QAI-TS-02	201 202	50 1.2	4.18	34	< 10	60	2.0	108	0.10	0.5	10	28	418	12.60	10	< 1	0.15	< 10	0.36	
QAI-TS-03	201 202	< 5 < 0.2	1.12	18	< 10	70	< 0.5	2	0.06	< 0.5	5	17	33	2.18	< 10	< 1	0.03	< 10	0.16	
SC SS20-01	201 202	< 5 < 0.2	1.59	2	< 10	380	0.5	< 2	0.78	< 0.5	13	29	25	2.81	< 10	< 1	0.25	10	0.92	
SC 375 SS 180	201 202	< 5 < 0.2	1.31	< 2	< 10	220	< 0.5	< 2	0.68	< 0.5	12	25	16	2.49	< 10	< 1	0.16	< 10	0.78	
SC 400 SS 385	201 202	< 5 < 0.2	1.57	< 2	< 10	300	0.5	< 2	0.74	< 0.5	13	27	22	2.89	< 10	< 1	0.25	10	0.93	
SC 750 650 ET	201 202	< 5 < 0.2	1.99	4	< 10	310	1.0	< 2	0.41	< 0.5	14	30	23	4.11	< 10	< 1	0.08	10	0.75	
SC 750 650 EB	201 202	< 10 < 0.2	3.28	< 2	< 10	390	2.5	< 2	1.08	< 0.5	29	48	34	6.03	< 10	< 1	0.23	10	2.32	
SC RED ROAD	201 202	< 5 < 0.2	0.95	382	< 10	490	2.0	< 2	0.85	0.5	21	29	46	8.17	< 10	< 1	0.18	20	0.61	
SC 200-150E	201 202	< 5 < 0.2	2.02	2	< 10	350	< 0.5	< 2	0.49	< 0.5	17	54	31	3.37	10	< 1	0.22	< 10	1.39	
SC 200-175E	201 202	< 5 < 0.2	1.95	2	< 10	270	0.5	< 2	0.36	< 0.5	16	27	33	3.13	< 10	< 1	0.15	< 10	1.18	
SC 200-200E	201 202	< 5 < 0.2	2.50	< 2	< 10	470	0.5	< 2	0.45	< 0.5	23	17	35	3.66	10	< 1	0.33	10	1.94	
SC 200-225E	201 202	< 5 < 0.2	2.51	< 2	< 10	420	0.5	< 2	0.63	< 0.5	23	19	27	3.56	10	< 1	0.43	< 10	1.99	
SC 200-250E	201 202	< 5 < 0.2	1.71	2	< 10	360	< 0.5	< 2	0.26	< 0.5	12	22	23	2.68	< 10	< 1	0.11	< 10	0.73	

SC 5520-01 SiIT From L-400S ST-500E  
 SC 375 SS 180 SiIT From L-375S ST-180E  
 SC 400 SS 385 SiIT From L-400S ST-385E  
 SC RED ROAD Soil From Placer operation-Airstrip

CERTIFICATION: SCROSS 1-24  
 NTS#115012

Soil from



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Page Number 2-A  
 Total Pages 2  
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 Account PRP

Project Comments ATTN SHAWN RYAN

## CERTIFICATE OF ANALYSIS A0034983

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	
SC 200-275E	201 202		< 5 < 0.2	1.64	6	< 10	240	< 0.5	< 2	0.21	< 0.5	12	14	27	2.74	< 10	< 1	0.13	< 10	0.58		
SC 200-300E	201 202		< 5 < 0.2	1.91	< 2	< 10	260	0.5	< 2	0.30	< 0.5	12	31	26	2.99	< 10	< 1	0.33	10	0.91		
SC 200-325E	201 202		< 5 < 0.2	2.43	< 2	< 10	240	0.5	< 2	0.17	< 0.5	8	21	18	3.43	10	< 1	0.46	10	1.23		
SC 200-350E	201 202		< 5 < 0.2	1.51	< 2	< 10	240	< 0.5	< 2	0.26	< 0.5	8	19	14	2.79	< 10	< 1	0.38	< 10	0.61		
SC 300-150E	201 202		< 5 < 0.2	1.73	4	< 10	690	0.5	< 2	0.58	< 0.5	12	28	19	3.64	< 10	< 1	0.20	< 10	0.59		
SC 300-175E	201 202		< 5 < 0.2	1.96	< 2	< 10	690	0.5	< 2	0.45	< 0.5	13	30	23	3.72	< 10	< 1	0.25	10	0.84		
SC 300-200E	201 202		< 5 < 0.2	1.92	< 2	< 10	510	0.5	< 2	0.53	< 0.5	17	100	25	3.53	< 10	< 1	0.31	10	1.11		
SC 300-225E	201 202		< 5 < 0.2	2.27	6	< 10	570	0.5	< 2	0.25	< 0.5	12	29	17	4.02	< 10	< 1	0.29	< 10	0.64		
SC 300-250E	201 202		< 5 < 0.2	3.20	< 2	< 10	870	0.5	< 2	1.09	< 0.5	30	135	72	4.90	10	< 1	0.60	10	3.04		
SC 300-275E	201 202		< 5 < 0.2	2.12	8	< 10	530	0.5	< 2	0.88	< 0.5	20	108	38	3.59	< 10	< 1	0.14	10	1.57		
SC 300-300E	201 202		< 5 < 0.2	2.28	6	< 10	620	0.5	< 2	0.66	< 0.5	17	34	48	3.92	< 10	< 1	0.32	20	0.96		
SC 300-325E	201 202		< 5 < 0.2	2.12	6	< 10	320	0.5	< 2	0.48	< 0.5	14	23	39	3.61	< 10	< 1	0.24	10	0.98		
SC 300-350E	201 202		< 5 < 0.2	2.02	8	< 10	390	0.5	< 2	0.44	< 0.5	15	32	26	3.64	< 10	< 1	0.18	< 10	0.76		
SC 300-375E	201 202		< 5 < 0.2	1.84	< 2	< 10	330	0.5	< 2	0.29	< 0.5	13	37	19	3.31	< 10	< 1	0.49	< 10	0.88		
SC 300-400E	201 202		< 5 < 0.2	1.77	18	< 10	140	0.5	< 2	0.13	< 0.5	11	36	26	3.12	< 10	< 1	0.15	10	0.56		
SC 300-425E	201 202		< 5 < 0.2	1.44	10	< 10	130	< 0.5	< 2	0.23	< 0.5	9	39	23	2.41	< 10	< 1	0.08	10	0.59		
SC 300-450E	201 202		< 5 < 0.2	1.61	10	< 10	160	< 0.5	< 2	0.08	< 0.5	8	26	21	2.65	< 10	< 1	0.08	10	0.35		
SC 300-475E	201 202		< 5 < 0.2	1.39	2	< 10	190	< 0.5	< 2	0.27	1.0	8	28	19	2.08	< 10	< 1	0.08	10	0.44		
SC 300-500E	201 202		< 5 < 0.2	1.34	2	< 10	170	< 0.5	< 2	0.35	< 0.5	11	28	16	2.11	< 10	< 1	0.07	< 10	0.55		
SC 300-525E	201 202		< 5 < 0.2	1.11	< 2	< 10	140	< 0.5	< 2	0.24	< 0.5	11	22	16	1.94	< 10	< 1	0.09	10	0.39		
SC 300-550E	201 202		< 5 < 0.2	1.44	6	< 10	350	< 0.5	< 2	0.48	3.5	18	26	23	2.11	< 10	< 1	0.09	10	0.47		
SC 300-575E	201 202		< 5 < 0.2	1.11	6	< 10	170	< 0.5	< 2	0.25	< 0.5	9	18	15	1.81	< 10	< 1	0.07	10	0.30		
SC 300-600E	201 202		5 0.8	1.62	12	< 10	180	< 0.5	< 2	0.23	< 0.5	14	41	27	2.47	< 10	< 1	0.09	10	0.48		
SC 300-625E	201 202		< 5 0.2	1.30	4	< 10	190	< 0.5	< 2	0.20	< 0.5	11	28	15	2.08	< 10	< 1	0.05	< 10	0.43		
SC 300-650E	201 202		----- < 0.2	1.54	8	< 10	210	0.5	< 2	0.12	< 0.5	15	30	35	3.07	< 10	< 1	0.12	20	0.43		
SC 300-675E	201 202		----- 0.2	1.48	2	< 10	130	< 0.5	< 2	0.09	< 0.5	5	27	12	1.75	< 10	< 1	0.07	10	0.33		
SC 300-700E	201 202		----- < 0.2	1.02	4	< 10	160	< 0.5	< 2	0.29	< 0.5	7	19	16	1.87	< 10	< 1	0.07	10	0.34		
SC 300-725E	201 202		----- < 0.2	1.05	2	< 10	180	< 0.5	< 2	0.24	< 0.5	12	20	12	1.65	< 10	< 1	0.07	10	0.33		
SC 300-750E	201 202		----- < 0.2	2.02	10	< 10	100	0.5	< 2	0.07	< 0.5	10	32	36	3.65	< 10	< 1	0.20	10	0.43		
SC 300-775E	201 202		----- < 0.2	1.82	10	< 10	120	0.5	< 2	0.22	0.5	14	33	89	4.44	< 10	< 1	0.55	40	0.69		
SC 300-800E	201 202		----- < 0.2	2.19	16	< 10	150	1.0	< 2	0.24	1.5	32	39	130	6.22	< 10	< 1	0.71	70	0.79		
SC 200-275 E ↑     ↑     ↑ SCROGGIE L-2005 STATION Location																						
All sample are Soil SCROGGIE 1-24 NTS # 115012																						
SC 300-150E ↑     ↑ LINE 3005 STATION Location																						

CERTIFICATION *L. Ryan*



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 P O. Number  
 Account PRP

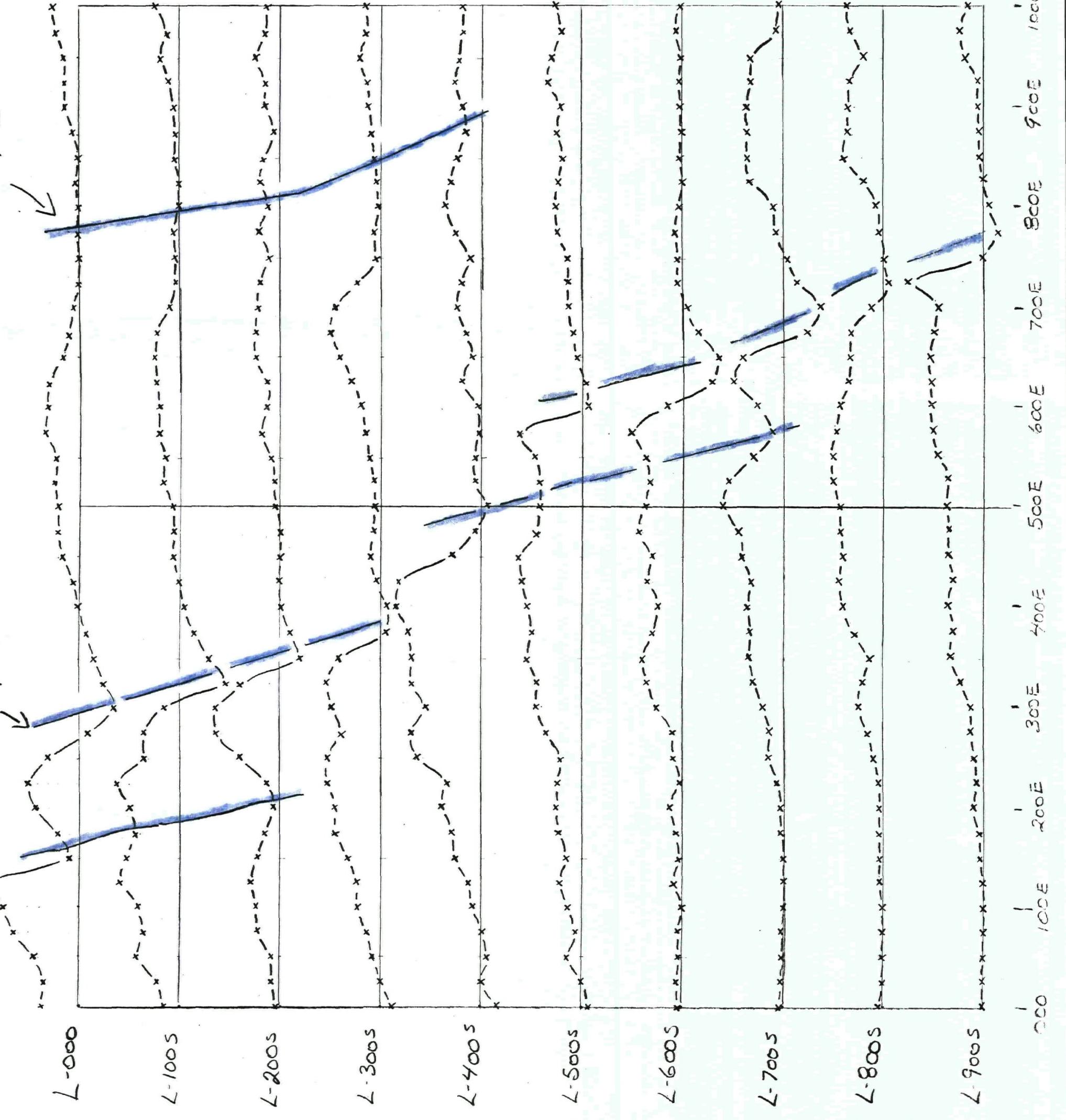
Project :  
 Comments: ATTN SHAWN RYAN

## CERTIFICATE OF ANALYSIS A0034983

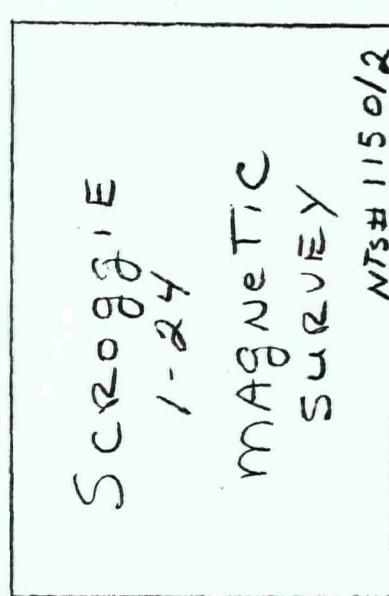
SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SC 200-275E	201	202	190	1	0.01	10	400	10 < 0.01	< 2	3	15	0.04	< 10	< 10	52	< 10	60	
SC 200-300E	201	202	190	1	0.01	15	450	8 0.01	< 2	4	20	0.15	< 10	< 10	70	< 10	64	
SC 200-325E	201	202	375	< 1	0.01	12	250	12 0.06	< 2	3	22	0.14	< 10	< 10	45	< 10	82	
SC 200-350E	201	202	355	< 1	0.01	12	520	10 0.01	< 2	3	19	0.15	< 10	< 10	51	< 10	62	
SC 300-150E	201	202	535	< 1	0.01	20	540	12 0.02	< 2	5	39	0.06	< 10	< 10	52	< 10	64	
SC 300-175E	201	202	665	< 1	0.01	20	330	8 0.01	< 2	9	31	0.11	< 10	< 10	85	< 10	84	
SC 300-200E	201	202	655	< 1	0.02	66	470	10 0.01	< 2	6	39	0.14	< 10	< 10	68	< 10	64	
SC 300-225E	201	202	440	1	0.01	17	330	10 < 0.01	< 2	4	20	0.10	< 10	< 10	61	< 10	82	
SC 300-250E	201	202	785	< 1	0.03	82	1720	8 0.01	< 2	11	47	0.21	< 10	< 10	113	< 10	98	
SC 300-275E	201	202	570	< 1	0.02	73	1310	10 0.01	< 2	8	69	0.13	< 10	< 10	71	< 10	80	
SC 300-300E	201	202	1245	1	0.01	22	830	10 0.01	< 2	7	36	0.09	< 10	< 10	73	< 10	90	
SC 300-325E	201	202	395	1	0.01	13	580	12 0.01	< 2	5	21	0.06	< 10	< 10	67	< 10	88	
SC 300-350E	201	202	610	1	0.01	18	370	8 < 0.01	< 2	6	24	0.07	< 10	< 10	80	< 10	66	
SC 300-375E	201	202	450	< 1	0.01	16	210	8 < 0.01	< 2	4	18	0.17	< 10	< 10	66	< 10	72	
SW20 S03	201	202	400	< 1	0.01	35	500	20 0.02	< 2	3	15	0.05	< 10	< 10	46	< 10	78	
SW20 S04	201	202	275	< 1	0.01	35	410	22 0.02	< 2	2	19	0.04	< 10	< 10	41	< 10	106	
SW20 S07	201	202	300	1	0.01	21	430	14 < 0.01	< 2	2	11	0.03	< 10	< 10	43	< 10	68	
SW20 SS01	201	202	260	< 1	0.01	27	610	16 0.03	< 2	2	17	0.03	< 10	< 10	32	< 10	208	
SW20 SS02	201	202	595	< 1	0.01	33	710	20 0.03	< 2	3	28	0.04	< 10	< 10	44	< 10	98	
SW20 SS05	201	202	635	1	0.01	23	530	14 0.03	< 2	1	17	0.03	< 10	< 10	34	< 10	68	
SW20 SS06	201	202	6390	1	0.01	52	610	20 0.04	< 2	3	28	0.03	< 10	< 10	32	< 10	608	
SW20 SS08	201	202	360	< 1	< 0.01	17	460	16 0.02	< 2	1	16	0.03	< 10	< 10	29	< 10	90	
SW20 SS09	201	202	575	< 1	0.01	35	850	14 0.05	< 2	1	19	0.03	< 10	< 10	40	< 10	68	
SW20 SS10	201	202	410	< 1	0.01	23	610	10 0.02	< 2	1	17	0.03	< 10	< 10	35	< 10	64	
VMS20 S01	201	202	565	< 1	0.01	28	660	18 0.01	< 2	4	15	0.05	< 10	< 10	47	< 10	140	
VMS-SS01	201	202	95	< 1	0.01	15	670	24 0.04	< 2	< 1	12	0.02	< 10	< 10	27	< 10	102	
VMS20 SS02	201	202	185	1	0.01	17	590	14 0.01	< 2	2	18	0.03	< 10	< 10	31	< 10	70	
VMS20 SS03	201	202	430	< 1	0.01	18	440	12 0.02	< 2	1	17	0.03	< 10	< 10	30	< 10	86	
VMSB-S01	201	202	320	< 1	0.01	29	400	18 0.03	< 2	3	12	0.06	< 10	< 10	62	< 10	194	
VMS3-S02	201	202	375	1	0.01	52	990	26 0.06	< 2	4	25	0.10	10 < 10	54	< 10	526		
VMS6-S03	201	202	685	4	0.01	69	1140	36 0.07	< 2	5	30	0.12	30 < 10	64	< 10	626		

CERTIFICATION

Anomaly B



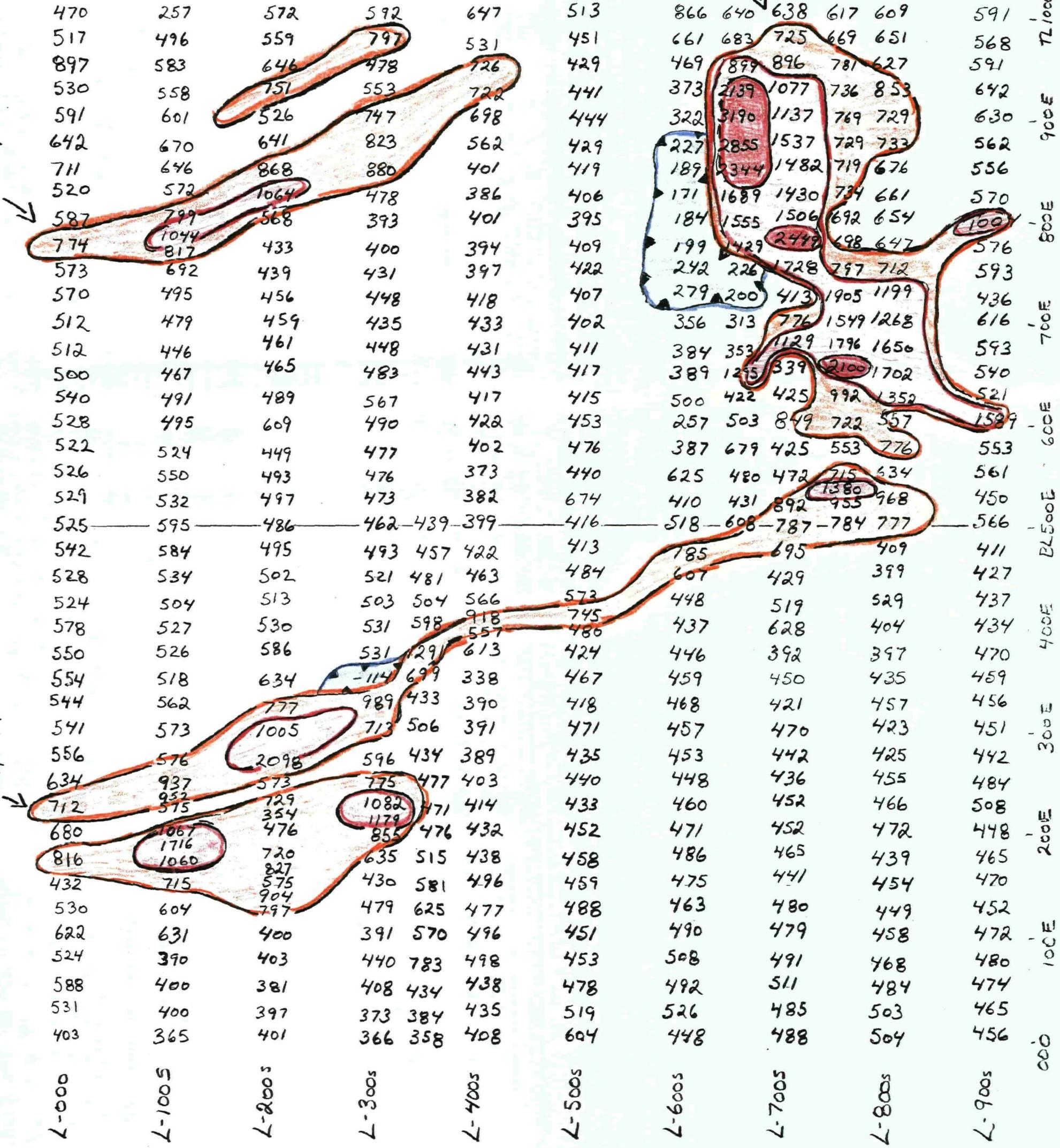
SCROOGIE  
MAGNETIC  
SURVEY  
1-24  
NTS # 11501/2



100m  
SCALE

NORTH

ANOMALY B



## CROZIER MAGNETIC SURVEY

BASE LINE SURVEY

1000

STATION	TIME	RAW	DRIFT	CORRECTION
000	12.34	57403	0	57403
500	12.50	524	1.5	57525
000	1.01	400	+3	57403
25	1.06	528		57531
50		585		57588
75		521		57524
100 E		618	+4	57622
.		526		57530
.		428		57432
.		812		57816
200 E		661		57666
.		675	+5	57680
.		707		57712
.	1.14	629		57634
.		551		57556
300 E		535	+6	57541
.		538		57544
.		548		57554
.		544		57550
400 E		571	+7	57578
.		517		57524
.		521		57528
.		535		57542
500 E	1.25	57517	+8	57525

## Elevation

2000

STATION	TIME	SLW	IN.FT	CONNECTION
000	12.34	57403	0	57403
100	12.50	524	15	57520
200	1.01	700	+ 2	57403
25	1.00	528		57531
50		585		57588
75		521		57524
100 E		618	+ 4	57622
		526		57530
		728		57432
		812		57816
200 E		661		57666
		675	+ 5	57680
		707		57712
	1.14	629		57634
		551		57556
300 E		535	+ 6	57541
		538		57544
		548		57554
		544		57550
400 E		571	+ 7	57578
		517		57524
		521		57528
		535		57542
500 E	1.25	57517	+ 8	57525

## TIE LINE 500 E

STATION	TIME	RAW	DRIFT	CORRECTED
000	1.33	57509	+16	57525
.		517		533
.		552		568
.		575		591
100s		579		595
		539		555
.		485	+15	500
.		484		499
200s		471		486
.		467		482
250s	1.40	454	+15	57469
000	1.47	511	+14	52525
250s	1.52	456	+13	57469
.		489		502
300s		450	+12	462
.		439		451
.		437	+11	448
.		428		439
.		424		435
.		401		412
400s		389	+10	399
.		393		403
.		331	+9	340
.		518		527
500s	2.01	408	+8	416
250s	2.09	462	+7	57469

## TIE LINE 500 E

STATION	TIME	Raw	DRIFT	Corrected
500 S	2.16	57416	0	57416
.		385		57385
.		377	+1	378
.		443		444
600 S		516	+2	518
.		503		505
.		605	+3	608
.		718		721
700 S		706		709
.		959		963
.		783	+4	787
.		557		561
.		465		469
.		781		786
.		839	+5	844
.		865		870
.		795		800
800 S	2.28	623		628
.		772		777
500 S	2.35	410	+6	57416
250 S	2.44	460	+9	57469
000	2.50	512	+13	57525

## TIE LINE 1000 E

STATION	TIME	RAW	DRIFT	CONNECTED
000	4.02	57473	-3	57470
.		464		461
.		482		479
.		474		471
100 S		260		257
.		623		620
.		570		567
.		636		633
.		513		510
.		537		534
.		516		513
200 S		575		572
.		594		591
.		479		476
.		576		573
300 S		595		592
.		751		748
.		768		765
.		689		686
.		672		669
.		621		618
400 S		650		647
.		506		503
.		452		449
.		450		447
500 S	4.21	516		513
000	4.36	473	-3	57470
500 S	4.47	522		

L 000 S

STATION	TIME	RAW	DRIFT	CONNECTED
500E	3.00	57518	+7	57525
.		522		529
.		519		526
.		515		522
600E		521		528
.		533		540
.		493		500
.		505		512
700E		504	+ 8	512
.		562		570
.		565		573
.		766		774
800E		729		737
.		579		587
.		537		545
.		512		520
.		703		711
.		600		609
.		633	+ 9	642
900E		613		622
.		582		591
.		541		550
.		521		530
.		558		567
.		888		897
.		546		555
.		508		517
1000E	3.16	500		509
500F	3.26	515	+10	57525
500F	3.47	523	+2	57525

## TIE LINE 1000 E

STATION	Time	RAW	DrFT	ConnectR0
500 s	4.48	57523	-10	57513
	.	578		568
	.	770		760
	.	57925		57915
	.	58068		58058
600 s		58089		58079
	.	57876		866
	.	797		788
	.	692		683
	.	669		660
	.	649		640
	.	695		686
700 s		677		638
	.	593	-8	585
	.	619		617
	.	605		597
800 s		617		609
	.	666		659
	.	736	-7	729
	.	669		662
	.	596		589
	.	640		633
900 s	5.00	598		591
500 s	5.08	519	-6	57513
000	5.20	491	-21	470

L 100 S

STATION	TIME	RAW	DRIFT	CONNECTED
1000 E	5.24	57290	- 33	57257
		529		57496
		634		57602
		615	- 32	57583
		611		57579
		590		57558
900 E		632	- 31	57601
		702		57670
		676	- 30	57646
		602		57572
800 E		57828	- 29	57799
		58073		58044
		57846		57817
		990		57962
		720	- 28	57692
		564		57536
		523		57495
700 E		532	- 27	57505
		506		57429
		473		57446
		493	- 26	57467
		517		57491
600 E		520	- 25	57495
		549		57524
		574	- 24	57550
		556		57532
500 E	5.47	618	- 23	57595
500 E	6.00	631	- 36	57595
		624	- 40	57584
		577	- 43	57584
		551	- 47	57504
400 E		577	- 50	57527

L 100S

STATION	TIME	RAW	DRIFT	CONNECTED
	6.06	57580	- 54	57526
		576	- 58	57518
		624	- 62	57562
		689	- 66	57623
300 E		639	- 66	57573
		710	- 70	57640
		646	- 70	57576
		57678	- 74	57604
		58011	- 74	57937
		58930	- 78	57952
		57653	- 78	57575
200 E		58055	- 82	57973
		58149	- 82	58067
		58802	- 86	58716
		58146	- 86	58060
		57555	- 90	57465
		57805	- 90	52715
		575	- 94	57481
		698	- 94	57604
100 E		905	- 98	57807
		729	- 98	57631
		702	- 102	57600
		492	- 102	57390
		492	- 106	57386
		506	- 106	57905
		534	- 109	57428
		509	- 109	57400
000		475	- 112	57363
		477	- 112	57365

TIE IN

L000 / ST000 6.26 57517 -114 57403

TIE LINE 000

STATION	TIME	RAW	DRIFT	CONNECTED
000	11.10	57390	+13	57403
.		402		57415
50s		333		57346
.		344		57357
343				57356
100s		371		57384
.		399		57412
410				57423
367				57380
382				57395
398				57411
.		378		57391
200s		388		57401
.		360		57373
.		368		57381
.		358		57371
300s		366		57379
.		414		57427
.		432		57445
.		398		57411
400s		400		57413
.		389		57402
.		484		57497
.		640		57653
.		716		57729
.		557		57570
500s	11.23	502		57515
.		474		57487
000	11 32	389	+14	57403

## TIE LINE 000

STATION	TIME	RAW	DRIFT	CONNECTED
500S	11.39	57475	+12	57487
		411		57423
		383		57395
		359		57371
,600S		413		57425
		424		57486
		471		57483
		451		57463
700S		433		57445
		428		57440
		444	+13	57457
		462		57475
800S		414		57427
		405		57418
		401		57414
		413		57426
900S		403		57416
		424		57437
		459		57472
		460		57473
1000S	11.50	455		57468
500S	12.00	473	+14	57487
000	12.07	379	+24	57403

L 2005

T<sub>i</sub> IN 000 1.05 57393 +10 57403

STATION TIME RAW DRIFT CORRECTED

000	57387	+14	57401
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.	383		57397
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.	367		57381
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.	389		57403
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100 E	387	+13	57400
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.	784		57397
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.	891		57904
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.	562		57575
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.	814		57827
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.	707		57720
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.	540		57553
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.	463		476
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.	342	+12	354
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.	717		729
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.	876		888
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.	561		57573
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.	57752		57764
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.	59086		59098
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.	58642		58654
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.	57993		58005
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.	853		57864
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.	766		57777
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.	662		57673
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.	623		57634
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.	586		57597
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.	575		57586
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.	530		57541
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.	519		57530
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500 E	503	+10	57513
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.	492		57502
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.	485		57495
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500 E	1.32	477	+9	57486
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.	489	+8		57497
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.	486	+7		493
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.	443	+6		449
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600 E	604	+5		609
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.	502			506
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.	485	+4		489
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.	474			477
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.	462	+3		465
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.	459	+2		461
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700 E	458	+1		459
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## L 200 S

STATION	TIME	RAW	DRIFT	CONNECTED
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700 E		57458	+1	57459
.		456	-0	57456
.		440	-1	57439
.		435	-2	57433
800 E		57571	-3	57568
.		58115		58112
.		58067	-3	58064
.		57830	-4	57826
.		872		57868
.		747		57742
.		646	-5	57641
900 E		576		57570
.		532	-6	57526
.		758	-7	57751
.		688		57680
.		654	-8	57646
.		606		57598
.		567	-8	57559
1000 E	1.58	580	-8	57572

## L 300 S

1000 E	2.04	57610	-18	57592
.		697		680
.		814	-17	797
.		686		671
.		493	-15	478
.		539	-14	525
.		567		553
900 E		688		676
.		759	-12	747
.		887		876
.		834	-11	823
.		862		853
.		889	-9	880
.		576	-8	568
.		486		478
800 E		429		423
.		399	-6	393
.		393		388
.		405	-5	400
.		429	-3	426
.		434		431
.		450	-2	448
700 E		435	0	435

T<sub>1</sub> IN 000 2.47 57388 - 9 379  
 ~ 2005 / 000 2.49 57410 - 9 361

L 300 S

STATION	TIME	RAW	DRIFT	CONNECTED
700 E		57435	+1.	57436
		445	+3	448
		429	+4	483
		561	+6	567
		486	+7	493
600 E		483	+7	490
		468	+9	477
		466	+10	476
		462	+11	473
500 E	2.23	450	+12	57462
		482	+11	493
		511	+10	521
		493	+9	V 502
400 E		523	+8	531
		541		548
		524	+7	57531
		57359		57545
		56886		56886
		57430		57435
		57984	+5	57989
300 E		643		647
		709	+4	713
		717		720
		593	+3	V 596
		481		483
		773	+2	775
		745		57746
		58081	+1	58082
200 E		58179		58179
		57855	0	57855
		948		57947
		636	-1	635
		474		472
		432	-2	430
		444		441
		482	-3	479
		417		413
100 E		395	-4	391
		445	-5	440
		414	-6	408
		380	-7	373
		379		
000		374	-8	371
25W	2.45	377	-9	366
				57368

L 500 S T<sub>1</sub> in Roro

300 S	3.06	57393	-14	379
400 S		427	-14	413
500 S	3.10	503		

STATION TIME READING DRIFT CORRECTED

000	3.12	57618	-14	57604
		610		596
		- 533		519
		583		569
		- 492		478
		466		452
		- 462		453

100 E		465		451
		502		488
		- 504		490
		- 473		459
		477		463
		- 472	✓	458

200 E		466		452
		447	-14	433

		454		440
		449		435

300 E		485		471
		432		418
		481		467
		438		424

400 E		494	✓	480
		759		745
		- 587		523
		488		474
		- 498		484
		435		421
		- 427		413

500 E	3.36	430	-14	57416
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		57688		674
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		522		508
		454		440
		410		396
		490		476

600 E		433		419
		467		453
		433		419
		429		415

		431		417
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		425		411
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700 E		416		402
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L 500 S

STATION Time RAW DRIFT CORRECTION

700 E 416 -14 57402

421 407

436 422

423 409

800 E 409 395

- 413 399

- 420 406

433 419

443 429

900 E 458 444

455 441

443 429

465 451

1000 E 4.02 527 -14 57513

L 400S

STATION	TIME	READING	DRIFT	CORRECTION
1000 E	4.09	57666	- 19	57647
		. 518		499
		- 550		531
		. 672		593
		- 745		726
		. 775		757
		- 740	- 18	722
		. 744		726
		- 716		698
		. 672		654
		- 580		562
		. 537		520
		- 418	- 17	401
		. 396		379
		- 403		386
		. 413		396
		- 418		401
		. 413		397
		- 410	- 16	394
		. 413		397
		434		418
700 E		448	- 15	433
		446		431
		458		443
		431	- 14	417
600 E		436		422
		415	- 13	402
		386		373
		. 394		381
		- 395		382
500 E	4.30	411	- 12	57399
		434		422
		475		463
		. 485		473
		578		566
		. 930		918
		- 569		557

L 400S

STATION TIME READING DRIFT CONNECTOR

375

• 624	- 12	57612
- 625		57613
• 393		381
- 350		338
• 386		374
- 402		390
• 411		399
- 403		391
• 393		381
- 401		389
• 410		398
- 415		403
• 427		415
- 426		414
• 440		428
- 444		432
• 460		448
- 450		438
• 462		450
- 568		496
• 589		477

200 E

• 440		428
- 444		432
• 460		448
- 450		438
• 462		450
- 568		496
• 589		477

100 E

508		496
510		498
450		438
447		435

000

420	- 12	57508
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T<sub>1</sub> IN

L 400	000	4.54	426	- 13	57 413
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L 500	000	4.56	502	- 15	487
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L 200	000	5.00	415	- 14	401
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L 600 S. T<sub>i</sub> IN 500 S / 000

11.16 57482 +5 57487

500 S / 000

11.22 57422 +3 57425

STATION TIME READING DRIFT CORRECTED

STATION	TIME	READING	DRIFT	CORRECTED
000	11.24	57446	+2	57448

.		523	+3	526
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.		521	+4	525
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.		486	+4	492
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.		504	+5	508
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100 E		485	+5	490
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.		458	+5	463
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.		469	+6	475
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.		480	+6	486
---	--	-----	----	-----

200 E		464	+7	471
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.		453	+7	460
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.		440	+8	448
---	--	-----	----	-----

.		444	+9	453
---	--	-----	----	-----

300 E		447	+10	457
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.	11.43	458	+10	468
---	-------	-----	-----	-----

.		448	+11	459
---	--	-----	-----	-----

.		434	+12	446
---	--	-----	-----	-----

400 E		425	+12	437
-------	--	-----	-----	-----

.		435	+13	448
---	--	-----	-----	-----

.		426	+13	439
---	--	-----	-----	-----

.		554	+13	607
---	--	-----	-----	-----

.		713	+14	727
---	--	-----	-----	-----

.		771	+14	785
---	--	-----	-----	-----

.		599	+14	614
---	--	-----	-----	-----

500 E	11.54	-503	+15	57518
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.		447	+15	462
---	--	-----	-----	-----

.		395	+15	410
---	--	-----	-----	-----

.		589	+14	603
---	--	-----	-----	-----

.		611	+14	625
---	--	-----	-----	-----

.		445	+14	459
---	--	-----	-----	-----

.		373	+14	387
---	--	-----	-----	-----

.		57036	+13	57049
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.		-246	+13	259
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.		449	+12	462
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.		490	+12	503
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.		459	+12	461
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.		-380	+12	392
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.		380	+12	392
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L 6005

STATION TIME READING DRIFT CORRECTED

600 E	57246	+11	57257
.	- 449		469
.	- 490	+10	500
.	- 449		458
.	- 380	+9	389
.	- 380		388
.	- 376	+8	384
700 E	- 375	+7	382
.	- 349		356
.	322	+6	328
.	274	+5	279
.	- 232	+4	256
.	- 238		242
800 E	- 219	+3	222
.	- 196		199
.	- 187	+2	185
.	- 182		184
.	- 171	+1	172
.	- 170		171
.	- 179	0	179
.	- 189		189
900 E	- 201		200
.	- 228	-1	227
.	- 266		264
.	- 324	-2	322
.	- 375	-3	372
.	- 376		373
.	- 382	-3	379
.	- 422		469
1000 E	12.18	- 665	57866
		- 820	661

## L 700 S

STATION	TIME	READING	DRIFT	CONNECTED
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1000 E	12.29	57628 - 651 - 715 - 806 - 886 - 58015 - 58067	+ 10	57638 661 725 816 57896 58025 58077
900 E		- 58123 - 58218 - 58334 - 58528 - 58407 - 58423 - 58515 - 58422	+ 9	58132 58137 58343 58537 38416 58422 58523 58430
800 E		- 58404 - 58498 - 58740 - 59441 - 59326 - 58721 - 57424 - 57406		58412 58506 58748 59449 59333 58728 57431 57413
700 E		- 57461 - 52769 - 58113 - 58123 - 57313 - 57333	+ 7	57468 57776 58119 58129 57319 57339
600 E		- 5737 - 57844 - 5446 - 520 - 525 - 687	+ 5	57542 57849 57451 57425 57430 57472 57530 57892
500 E	12.49	- 698 - 783 - 691 - 725 - 454 - 425 - 424 - 515	+ 4	57787 695 729 458 429 428 519
400 E		- 777 - 624		781 628

L 700 S

STATION Time READING DRIFT CONNECTED

375 E	57 388	+ 4	57 408
	404		392
	407		411
	- 446	↓	450
	417	↓	421
300 E	466		470
	438		442
	431	+ 5	436
	447		452
200 E	447	↓	452
	460	↓	465
	436		441
	475		480
100 E	474		479
	486		491
	506		511
	480		485
000	483		488

T. IN ROAD 1.09 57 439 + 6 57 445

L 9005

Ti IN ROAD

1.52 57388 +28 416

STATION	TIME	READINGS	DRIFT	CONNECTED
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	000	1.55	57429	+27	57456
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			438		465
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			447		474
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			453		480
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	100E		445		472
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			426	+26	452
--	--	--	-----	-----	-----

			444		470
--	--	--	-----	--	-----

			439		465
--	--	--	-----	--	-----

	200E		422		448
--	------	--	-----	--	-----

			483	+25	508
--	--	--	-----	-----	-----

			459		484
--	--	--	-----	--	-----

			417		442
--	--	--	-----	--	-----

	300E		426		451
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			432	+24	456
--	--	--	-----	-----	-----

			435		459
--	--	--	-----	--	-----

			446		470
--	--	--	-----	--	-----

	400E		410		434
--	------	--	-----	--	-----

			414	+23	437
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			404		427
--	--	--	-----	--	-----

			388		411
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	500E	2.19	543		57 566
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	Ti IN 800S				
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	AT 500E	2.24	57755	+22	57 777
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L 900 S

STATION Time READING DRIFT CONNECTED

525 2:43 432 + 18 57450

543 561

668 686

535 553

57681 57699

- 58572 + 17 58589

57648 57665

- 57504 521

458 475

- 523 540

648 664

- 577 + 16 593

672 688

- 600 616

453 469

- 420 436

587 602

- 578 593

686 701

- 561 576

647 57661

- 990 + 14 58004

605 57619

- 556 57570

543 556

- 543 + 13 556

553 566

- 549 562

553 565

- 618 + 12 630

586 598

- 630 642

578 589

- 580 + 11 591

576 587

- 552 588

571 582

1000 S 3:19 - 581 + 10 57591

L 800 S

STATION TIME READING DRIFT CONNECTED

1000 E 3.23 57606 +3 57609

648  
- 632  
- 624  
· 686  
- 850  
· 708  
- 726

651  
635  
627  
689  
853  
711  
729

900 E 4.28

730  
- 699  
- 674 +2  
· 664  
- 659  
· 659

733  
701  
676  
666  
661  
661

800 E

- 652  
639  
- 644  
· 655  
- 710  
· 884 +1  
- 58198

654  
641  
646  
657  
712  
57885  
58199

700 E

58968  
- 58267  
· 58654  
- 58649  
· 58783  
- 702  
· 553  
- 58352

58969  
58268  
58655  
58650  
58783  
702  
553  
58352

600 E

57557  
57777 -1  
635  
969

57557  
57776  
57634  
57968  
58077

500 E 5.09

· 58078  
- 57779  
· 57495 -2

57777  
57493

L 8005

STATION   Time   Reading   Drift   Corrected

475 E		57411 .390	-2	57409 388 399
.	.	- 402	- 3	
.	.	533	- 4	529
400 E		410	- 6	404
.	.	404	- 7	397
.	.	444	- 9	435
.	.	467	- 10	457
300 E		435	- 12	423
.	.	438	- 13	425
.	.	470	- 15	455
.	.	482	- 16	466
200 E		490	- 18	472
.	.	458	- 19	439
.	.	475	- 21	454
.	.	471	- 22	449
100 E		482	- 24	458
.	.	493	- 25	468
.	.	511	- 27	484
.	.	531	- 28	503
000		533	- 29	504

RND	T <sub>1</sub> IN	5.33	459	-32	57427
9005/800W		5.38	441	-25	416

L 100N

Ti IN 1000 / ST 000

11.00 57426 23 403

STATION	TIME	READING	DRIFT	CORRECTION
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000	11.05	57522	-21	501
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		571		550
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		- 689		668
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		611		591
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		- 840	- 20	820
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		856		836
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		- 649		629
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		536		517
--	--	-----	--	-----

		- 491	- 19	472
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		508		489
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		- 957		938
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		621		603
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		- 548	- 18	530
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		571		553
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		- 578		560
--	--	-------	--	-----

		867		750
--	--	-----	--	-----

		- 827	- 17	810
--	--	-------	------	-----

		718		701
--	--	-----	--	-----

		- 627		610
--	--	-------	--	-----

		553		537
--	--	-----	--	-----

		- 572	- 16	556
--	--	-------	------	-----

		566		550
--	--	-----	--	-----

		- 563		547
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		555		540
--	--	-----	--	-----

		- 557	- 15	532
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		542		527
--	--	-----	--	-----

		547	- 14	533
--	--	-----	------	-----

		526		512
--	--	-----	--	-----

400 E		529	- 13	516
-------	--	-----	------	-----

		522	- 12	510
--	--	-----	------	-----

		531	- 11	520
--	--	-----	------	-----

		626	- 10	616
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500 E	11.32	522	- 9	513
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Ti IN

L 000 / 500E	11.41	529	- 4	57525
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L 6505

STATION TIME READING DRIFT CORRECTED

500 E	12.06	57603	+ 5	57608
.	.	- 460	463	
.	.	- 428	+ 3	431
.	.	- 433		434
.	.	- 479	+ 1	480
.	.	806		806
.	.	- 679	+ 0	679
600 E		582	+ 1	581
.	.	- 502		503
.	.	- 441	- 3	438
.	.	- 425		422
.	.	- 460		455
.	.	58300	- 5	58295
.	.	57528	+ 6	57522
.	.	359		359
700 E		356		348
.	.	- 321	- 8	313
.	.	- 291		282
.	.	- 209	- 9	200
.	.	- 145		134
.	.	- 237	- 11	226
.	.	- 391		379
.	.	- 58441	- 12	58429
800 E		478	- 13	58465
.	.	- 568		58555
.	.	713	- 14	58699
.	.	- 703		58689
.	.	880		58864
.	.	- 59362	- 16	59344
.	.	- 59259		59241
.	.	- 59873	- 18	59855
900 E		60117		60097
.	.	- 60210	- 20	60190
.	.	- 59776	- 22	59754
.	.	- 59161		59139
.	.	- 58441	- 24	58417
.	.	- 57923		58899
.	.	- 57757	- 26	57731
.	.	- 57709		57683
1000 E	12.40	57668	- 28	57640

## L 7505

STATION	TIME	READING	DRIFT	CORRECTION
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1000 E	2:16	57632	-15	57617
		708		693
		- 684		669
		739	- 16	723
		- 797		781
		816	- 17	799
		- 753		736
900 E		775	- 10	757
		- 782		769
		798	- 19	779
		- 748		729
		746	- 20	726
		- 739		719
		749	- 21	728
		- 255		734
		740	- 22	718
800 E		- 714		692
		734	- 23	711
		- 721		698
		758	- 24	734
		57821		57797
		58392	- 25	58367
		58930		58905
700 E		58132		58106
		58575	- 26	58549
		821	- 27	794
		823		796
		58779	- 28	58751
		59128		59100
		59085	- 29	59056
		58021		57992
600 E		57518	- 30	57488
		752		57722
		919	- 31	57888
		584		553
		737	- 32	705
		57247		57715
		58413		58380
		52988	- 33	57955
500 E	2:43	58451	- 34	58417
		57818		57784

T. IN

500 E / 7755 2:45 57835 -35 57800

L 350 S

STATION TIME READING DRIFT CONNECTED

500 E	3.13	57481	- 42	57439
		500		458
		- 499		457
		528		486
		- 523		481
		541		498
		- 547	- 43	504
		586		583
400 E		- 641		598
		844		57801
		- 58334		58291
		57554	- 44	57516
		743		699
		567		523
		477		433
300 E		510		465
		551	- 45	506
		692		647
		429		434
		522		477
		531		485
		517		471
200 E		535		489
		522		476
		535		489
		561		515
		591		544
		628	- 47	581
		672		625
		685		638
100 E		617		570
		588		541
		830		783
		568	- 48	520
		482		434
		418		370
		432		384
000		485		387
		506		358

TI IN 000/000 3.52 57452 - 49 57403

# Scroggins VIF Survey

STATION L-000 L-100S L-200S L-300S L-400S

000	+15	+7	+2	-4	-6
.	+14	+9	+4	0	0
50 E	+18	+17	+4	+4	-2
.	+26	+15	+10	+6	0
100 E	+30	+17	+11	+10	+4
.	+36	+24	+12	+10	+5
150 E	+2	+22	+10	+13	+11
.	+8	+18	+7	+19	+12
200 E	+17	+20	+3	+19	+16
.	+20	+25	+6	+21	+14
250 E	+12	+14	+16	+21	+26
.	-4	+14	+26	+16	+28
300 E	-14	+6	+26	+20	+22
.	-10	-18	+16	+22	+28
350 E	-6	-12	-8	+17	+28
.	-3	-6	-4	-2	+29
400 E	0	-1	0	-2	+35
.	+2	0	0	+1	+34
450 E	+7	+2	0	+4	+12
.	+8	+2	0	+3	+3
500 E	+8	+3	+1	+3	-1
.	+10	+7	+2	+3	+2
550 E	+9	+6	+4	+5	+3
.	+13	+8	+8	+7	+1
600 E	+12	+8	+6	+8	+2

# Scroggins VIF Survey

L-000 L-100 S L-200 S L-300 S L-400 S

STATION	625 E	+12	+9	+5	+12	+8
	650 E	+7	+10	+10	+16	+4
		+4	+9	+10	+20	+7
	700 E	+2	+4	+9	+19	+10
		0	+1	+8	+9	+8
	750 E	0	+2	+4	+2	+4
		0	+3	+8	+3	+10
	800 E	0	0	+5	+1	+14
		+1	0	+8	+2	+12
	850 E	0	+1	+7	+3	+10
		+3	+2	+2	+4	+6
	900 E	+5	+2	+6	+5	+8
		+5	+4	+6	+6	+11
	950 E	+6	+8	+10	+8	+9
		+9	+5	+6	+6	+7
	1000 E	+10	+10	+5	+6	+8

# Scroggins VIF Survey

STATION L-500S L-600S L-700S L-800S L-900S

000	-2	+2	+2	+1	0
.	0	+2	+1	0	0
50 E	+7	+1	+1	0	0
.	+3	+2	+1	0	0
100 E	+6	0	0	0	0
.	+9	+4	0	+1	0
150 E	+7	+1	0	+2	+1
.	+10	+3	+1	+2	+2
200 E	+11	+5	+1	+2	+4
.	+10	+1	+3	+2	+3
250 E	+9	+4	+6	+4	+4
.	+15	+4	+6	+7	+5
300 E	+19	+11	+8	+10	+5
.	+19	+14	+12	+8	+9
350 E	+22	+16	+13	+6	+13
.	+20	+12	+13	+12	+12
400 E	+22	+10	+14	+16	+14
.	+24	+15	+13	+18	+12
450 E	+25	+12	+16	+16	+14
.	+18	+17	+18	+17	+14
500 E	+17	+15	+24	+17	+15
.	+17	+13	+22	+20	+14
550 E	+19	+15	+12	+20	+18
.	+25	+20	+4	+19	+20
600 E	-3	+6	+10	+18	+21

3

# Scroggie V/F Survey

STATION L-500s L-600s L-700s L-800s L-900s

625 E	-1	-12	+20	+14	+22
650 E	+2	-14	+16	+13	+22
.	+4	-6	-9	+13	+20
700 E	+5	-2	-15	+5	+19
.	+6	+1	-5	-1	+29
750 E	+6	+1	-1	0	0
.	+10	+3	+3	+1	-5
800 E	+11	+1	+4	+3	-2
.	+10	0	+13	+8	0
850 E	+8	+1	+14	+16	+2
.	+10	0	+14	+14	+2
900 E	+8	+1	+15	+15	+3
.	+13	+1	+14	+15	+3
950 E	+12	0	+14	+8	+8
.	+8	+3	+3	+13	+10
1000 E	+10	+1	+2	+15	+7

# Scroggie VIF Survey

STATION      L-100N      L-350S

000	+6	-8
.	+21	-6
50 E	+24	0
.	+26	+7
100 E	+11	+11
.	+14	+10
150 E	+12	+15
.	+14	+21
200 E	+19	+22
.	-1	+26
250 E	-12	+28
.	-12	+27
300 E	-7	+32
.	-2	+32
350 E	0	+32
.	+1	+29
400 E	+3	+26
.	+7	+16
450 E	+10	+4
.	+10	0
500 E	+10	+2