



MAGNETOMETER GEOPHYSICAL SURVEY
LAKE CREEK, YUKON
NTS 105 E 8:Lat. 61° 21' N 134° 21' W

Prepared for : Mr. Wade Carrel

Assessment Report By:
Robert L. McIntyre, C.E.T.



120150

This report has been examined by
the Geological Evaluation Unit under
Section 41 Yukon Placer Mining Act
and is recommended as allowable
representation work in the amount
of \$ 2,000.00

Robert Dehler

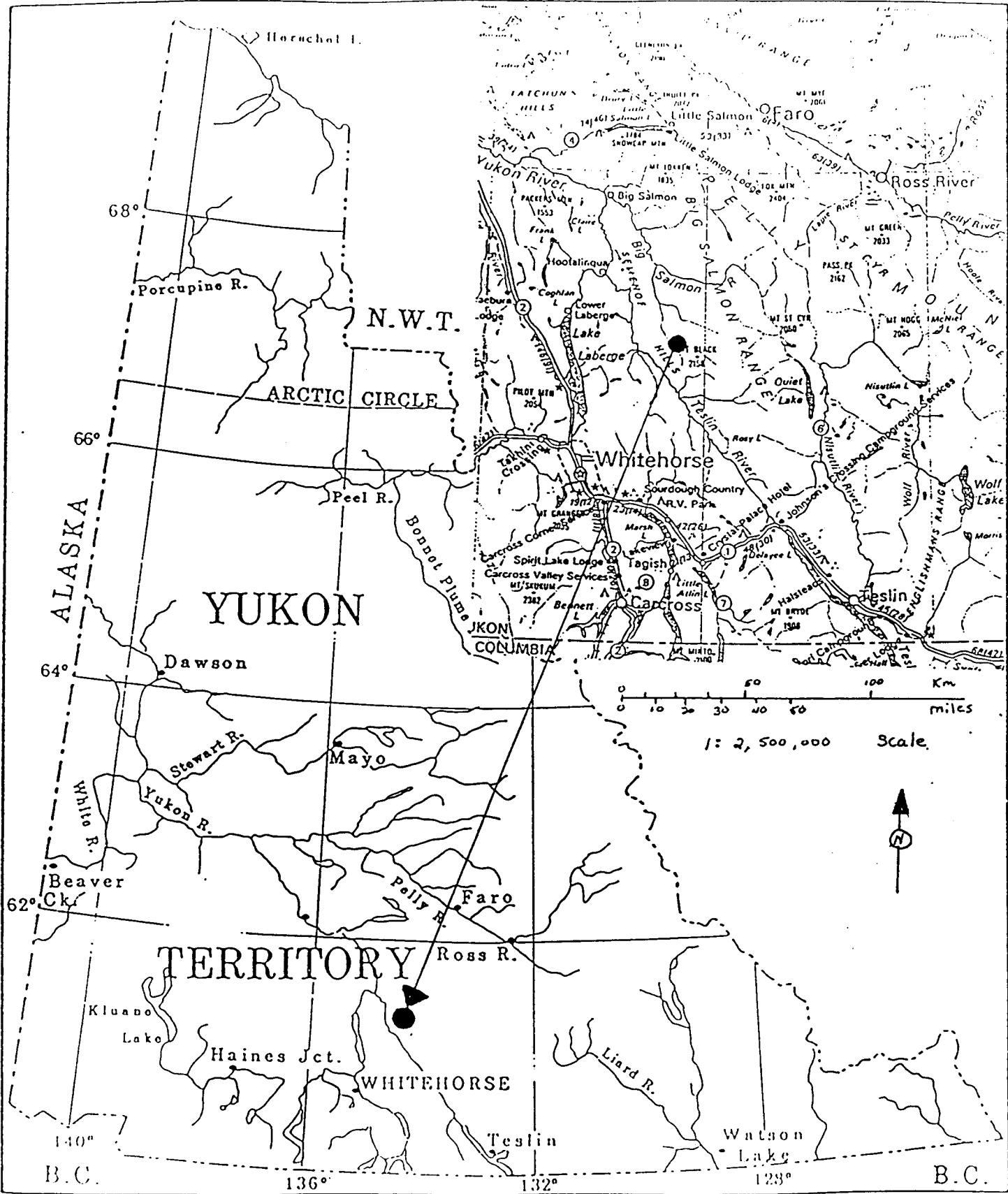
for. Chief Geologist, Exploration and
Geological Services Division, Northern
Affairs Program for Commissioner of
Yukon Territory.

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LOCATION MAP

MAGNETOMETER GEOPHYSICAL SURVEY :

LAKE CREEK, YUKON TERRITORY 105 E 8

1. SUMMARY :

This report presents the methods, results and exploration implications of a total field magnetometer survey conducted on upper Lake Creek, tributary to the South Big Salmon River. The survey was conducted by R. L. McIntyre, C.E.T., of Whitehorse, with Mr. B. D. MacLean of Whitehorse for grid assistance.

The field work was conducted on October 12, 1991, and the data interpretation and report preparation was completed on Decemeber 7, 1991.

The purpose of the survey was to delineate specific targets for a follow up physical testing program being contemplated by the property owner.

The survey did locate magnetic anomalies on the grid; the exploration implications for these areas are discussed on page of this report.

It is important to note that the magnetometer geophysical method, when applied to placer gold exploration, gives broadly interpreted qualitative information for magnetic minerals located in the stream bed gravels. The magnetic response may or may not bear a direct relationship to gold content, which can only be determined by follow up physical testing in the target areas.

2. PROPERTY LOCATION AND ACCESS :

The geophysical grid is located on placer claims P32528 through P32532 (Agony Claims Nos. 1 - 5, Registered owner Mr. Wade Carrel of Whitehorse, Y.T.), at the middle upper reaches of Lake Creek, a branch of Cottoneva Creek, tributary to the South Big Salmon River. The property is at 61 21' North, 134 21' West, on map sheet NTS 105 E 8. Access to the property is by helicopter, by fixed wing aircraft to the dry weather gravel strip at the mouth of Summit Creek, or by winter road from Whitehorse. A gravel road leads from the Summit Creek airstrip to the entrance of Lake Creek valley, about ten claim lengths downstream from the Agony Claim group. See Claim Map and Grid, figure (ii).

3. EQUIPMENT AND SURVEY PROCEDURES :

The survey was conducted using a Scintrex EDA OMNI IV proton precession magnetometer, operated in the total field mode, with a Scintrex EDA OMNI IV Base Station magnetometer for correction of the diurnal drift. This instrumentation is capable of being operated as a single unit survey in Tie Line or Looping methods, but the extremely subtle magnetic responses derived from unconsolidated materials demands base station accuracy. The EDA OMNI IV is sensitive to 0.1 nano Teslas (Gammas).

The base station was programmed to automatically record total field readings at twenty second intervals, because the survey data on the roving mag is rapidly collected on this type of dense grid spacing (20 metres x 5 metres).

The grid parameters and direction of travel are programmed on the OMNI IV by the operator and are automatically updated at each position increment. The position information, sensor decay rate and sensitivity, total magnetic field and statistical error are displayed and then stored in the 48k memory of the instrument. This system enables the operator to assess measurement quality and take repeat readings if necessary. Readings were taken at five metre intervals along lines perpendicular to valley direction, extending from valley rim to valley rim.

The data was then dumped to desktop computer in Whitehorse. The mathematical correction for temporal diurnal drift and micropulsations is performed by the software resident in the base station unit during the dumping procedure. Yukon Engineering Services was contracted to generate a digital terrain model of the magnetic values (contouring), extract cross sections, and plot the results with the Zericon pen plotter. The software used for the data manipulation was EMXS Surface Compiler, a three dimensional digital modelling package.

The results are presented in two formats, as a planimetric contour map in Appendix A, and as cross sections of each grid line in Appendix B.

The data is interpreted and the geophysical anomalies are discussed on Page 4 of this report.

4. GEOPHYSICAL GRID PARAMETERS :

The grid was established in the centre of the Agony claim group. The baseline was run along the claim line where possible, using compass and hip chain control for it and the crosslines. The offsets were marked by flagging at ten metre intervals and numbered for future reference. The grid has the following dimensions :

Baseline	:	240 metres; Station 0+000 is at Post #2, Agony 2;
- BL Azimuth	:	0+000 to 0+120 at 062° Az., 0+120 to 0+240 at 070° Az.
Stations(crosslines)	:	at twenty metre intervals;
Offsets (readings)	:	at five metre intervals;
Line length (max. offset)	:	80 to 120 m North, 50 to 80m South
Total grid	:	2,010 line metres
Total readings	:	354, not including base station readings

5. REGIONAL GEOLOGY AND GEOPHYSICS : MAGNETIC IMPLICATIONS :

Lake Creek is underlain by Carboniferous and Permian age fine grained amphibolite and greenstones, all within the Anvil Allocthonous Assemblage (Templeman-Kluit, 1984). There are no major lithologic changes or structural discontinuities evident from this regional scale geologic mapping, and bedrock was not observed on the grid area itself. The 1:63,360 scale Geological Survey of Canada aeromagnetic map presents very low magnetic relief (less than 10 gammas) in the immediate area, with a very shallow local gradient. There is no reliable documented evidence of thickness of surficial deposits available to the writer, although mining at the mouth of Lake Creek valley is in relatively thick (approx. 10 m) sediments.

From this brief examination of available literature, there is nothing that presents itself as an impediment to placer magnetometer surveys.

6. RESULTS AND RECOMMENDATIONS :

6.1 Placer Magnetometer Surveys in General

In the case of placer magnetometer surveys, the writer bases exploration recommendations on a relationship based on the following assumptions:

1. Regionally and locally, (within the area influenced by this creek drainage) the host rocks for gold and/or the associated rock types also bear (bore) magnetic mineralization (chiefly magnetite);
2. The stream sedimentation processes that controlled alluvial gold deposition also controlled deposition of magnetic heavy minerals to roughly the same degree;
3. Old stream channels, presently buried by alluvium, exist in the valley at varying displacements from the present stream channel.

There has been limited research into the problem of detailed modelling of placer deposits based on their magnetic response. Schwarz and Wright (1988) present discussions on the modelling problem based on their research on Atlin, B.C. placer deposits, and conclude that the surface trace (2-D length and width) can be reliably interpreted.

Schwarz and Wright (1988) use a theoretical model of a relatively thin, elongated plate, and by performing power spectra computations on the magnetic total field profile, arrive at three dimensional estimates for the "ore body". This research is ongoing, and presently has been conducted on Eastern Canadian and B.C. placer deposits of different geological characteristics than Yukon placers. The writer has therefore not made depth and thickness estimates for the Lake Creek placer deposit.

In summary, it is accepted (Adler & Adler, 1985; Schwarz & Wright 1988) that when conducted with the proper instrumentation and with due regard to local geophysical and geological conditions that the magnetometer method will be successful in placer investigations.

6.2 Lake Creek Anomalies

The survey was successful in detecting some anomalies that warrant follow up physical investigation. The overall magnetic relief is relatively flat, sloping from south to north against the physical slope of the ground. The high ground to the north of the baseline is a thick package of sediments that could be masked by colluvium, explaining the lack of notable anomalies. In general, the area on the right limit (looking downstream) of the valley presents the best targets for testing. The present stream course also favours

this side of the valley. The anomaly that trends from line 0+020 to 0+080 at the southern limit (0+050 offset) warrants testing. The best target in the grid area is centred on line 0+220 at offset 0+060 South. Although the response is relatively slight (25 gammas), other geologic evidence supports the possibility of a concentration of gold. The upstream portion of the grid covers an area directly downstream from a prominent ridge of resistant weathering bedrock. The stream has cut through this ridge, producing a profile inflection, or "knick point". The writer observed well rounded quartz and schist cobbles at surface, indicating a package of well worked stream alluvium. This area is coincident with the local mag high.

Follow up physical testing by shafting, trenching, or test pitting combined with test sluicing is recommended for this area, which will also give important insights into the value of other mag anomalies from this grid.



6. REFERENCES :

1. Adler, K.P. and Adler, J.E., 1985, Placer Magnetism for the Small Operator.
2. Breiner, S., 1973, Applications Manual for Portable Magnetometers, GeoMetrics, Sunnyvale, California.
3. Geological Survey of Canada, 1967, Geophysics Paper 1371, Livingstone Creek: Aeromagnetic Series 1967 - 1:63,360 Scale Map.
4. Schwarz, E.J. and Wright, N., 1987 Buried Placers in Chaudiere River Sediments Indicated by Ground Magnetometer Survey, E. Townships, Quebec; in Current Research Part A, G.S.C. Paper 87-1A, pp 423-428.
5. Schwarz, E.J. and Wright, N., 1988 The Detection of Buried Placer Deposits by Ground Magnetometer Survey; in Geophysical Prospecting No. 36, pp 919-932.
6. Templeman-Kluit, D.J., 1984, Geology of Laberge (105 E) and Carmacks (105 C) Map Sheets, Open File 1101.
7. McIntyre, R.L., 1990, Magnetometer Geophysical Survey, Ballarat Creek, Yukon; unpublished assessment report for Crew Natural Resources Ltd..

CERTIFICATE

I, Robert L. McIntyre, C.E.T. of Whitehorse, Yukon Territory, do hereby certify that;

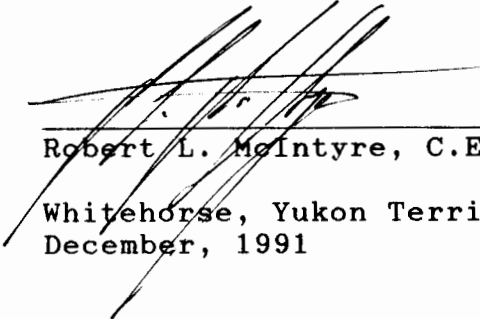
1. I hold a Geological Technician Diploma from Sir Sandford Fleming College, Lindsay, Ontario, and I have been practising continuously since graduation in 1979;

2. I am a Certified Engineering Technologist (Geology) for Alberta and Yukon, by the Alberta Society of Engineering Technologists;

3. The geophysical work and report preparation was conducted by me personally;

4. I have based conclusions and recommendations contained in this report on my knowledge of geophysics, my previous experience, and on the results of the field work conducted on the property;

5. I hold no interest directly or indirectly in this property other than professional fees, nor do I expect any interest in the property, or any other of Mr. Carrels' holdings.



Robert L. McIntyre, C.E.T.

Whitehorse, Yukon Territory
December, 1991

R.L. McIntyre, C.E.T.
506 Dezadeash Road
Whitehorse, Yukon Y1A 4Z4

I N V O I C E T O :

Mr. Wade Carrel

Whitehorse Yukon

FOR PROFESSIONAL SERVICES RENDERED FROM 1991 10 12 to 1991 12 07

RE: Lake Creek Magnetometer Survey

1. Professional Fees :

1.1 Field Work - R.L. McIntyre, C.E.T.	
1 day @ \$400/diem	\$ 400.00
1.2 Report Preparation - R. L. McIntyre, C.E.T.	
2.5 days @ \$400/diem	\$1,000.00
	Subtotal \$1,400.00

2. Disbursements

2.1 Mag rental - Aurum Geol. Cons. #91074	\$ 100.00
2.2 Computer work - Y.E.S. #00145	\$ 300.00
2.3 Photocopying, binding - InteGraphics	\$ 26.02
	Subtotal \$ 426.02
	Plus 10% fee \$ 42.60

	Subtotal	\$1,868.62
	Plus 7% G.S.T.	\$ 130.80

TOTAL : \$1,999.42

Less Advance \$ 950.00

BALANCE DUE \$1,049.42

G.S.T. #130078868



AURUM GEOLOGICAL CONSULTANTS INC.

412
~~204~~ 675 West Hastings Street, Vancouver, B.C., Canada V6B 1N2

Tel: (604) 683-9656 Fax: (604) 683-7625

INVOICE

No. 91074
Oct. 31, 1991
GST REG # R100341692

In Account With: **Robert L. McIntyre**
506 Dezadeash Road
Whitehorse, Yukon Territory
Y1A 4Z4

Re: Magnetometer Rental

To:

Rental

Omni IV Magnetometer, October 12, 1991
1 Day @ \$100.00/day:

\$100.00

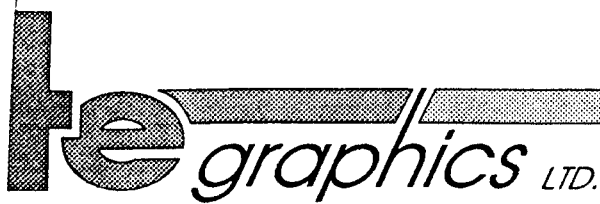
GST (7% of \$100.00):

7.00

TOTAL INVOICE

\$107.00

graphics



CUSTOMER SERVICE ORDER

302 Jarvis St., Whitehorse, Yukon Y1A 2H2
Phone (403) 667-4639 Fax 668-2734

12-06-91
20

Bob Mc Intyre

DATE IN: 6 DEC 91 N^o 005241

REQUIRED:

RUSH: (M) ✓ DELIVER: ()

E:

P.O. NO.: Cash Sale

01 *26.02 TM
*26.02 ST
*1.82 TX
*27.84 TL
*27.84 CK
*1.00 CS

PHONE: 667-2090

28-3389
11-41

NO OF ORIG'S	NO OF COPIES	✓	DIAZO	SIZE	SQ FT OR TOTALS	UNIT PRICE	TOTAL PRICE
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			BLUE / BLACK LINE				
			DILAR BLK SEPIA				
			STAPLE / TAPE				
			FOLDED				

XEROX 2510

			BOND / VELLUM / FILM				
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PHOTOCOPY & BINDERY

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	14	3	SS DS	11 x 17	42	1.13	47.5 46
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Covers on Beige w/u		4 w/z	COVERS Card Acetate		4	2.50	10.00
			PUNCH 2 3				
			PAD (100)				

Trim edge of 11x17" for single fold

COLOR LASER

			SS				
			OHP. TRANSFER				

LAMINATE

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SUPPLIES

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paid in full
Chq. No. 116
(Signature)

G.S.T. REG. No. R102500287

SUBTOTAL 26.02
G.S.T. 2.58 1.82
TOTAL 28.60

INVOICE

YUKON ENGINEERING SERVICES
143 C Industrial Road
Whitehorse, Yukon
Y1A 3S9

5505 YUKON LIMITED

Invoice No: 00145
Date: 11-19-91
Page: 1 of 1

SOLD TO:

Rob McIntyre
Whitehorse, Yukon

Same

GST Number: R106361645

ITEM NO.	UNIT	DESCRIPTION	GST	COST/ UNIT	TOTAL COST
Office 5	Hrs	Lake Creek Mag Data	3	60.000	300.00
		3-GST @ 7 %			21.00

Comments:

Modeling & Plotting X Sections Of Mag Data	Amount Due	\$	321.00
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GST - 0 EXEMPT
GST - 3 EXCLUDED FROM UNIT PRICE
GST - 4 INCLUDED IN UNIT PRICE

~~ORIGINAL~~

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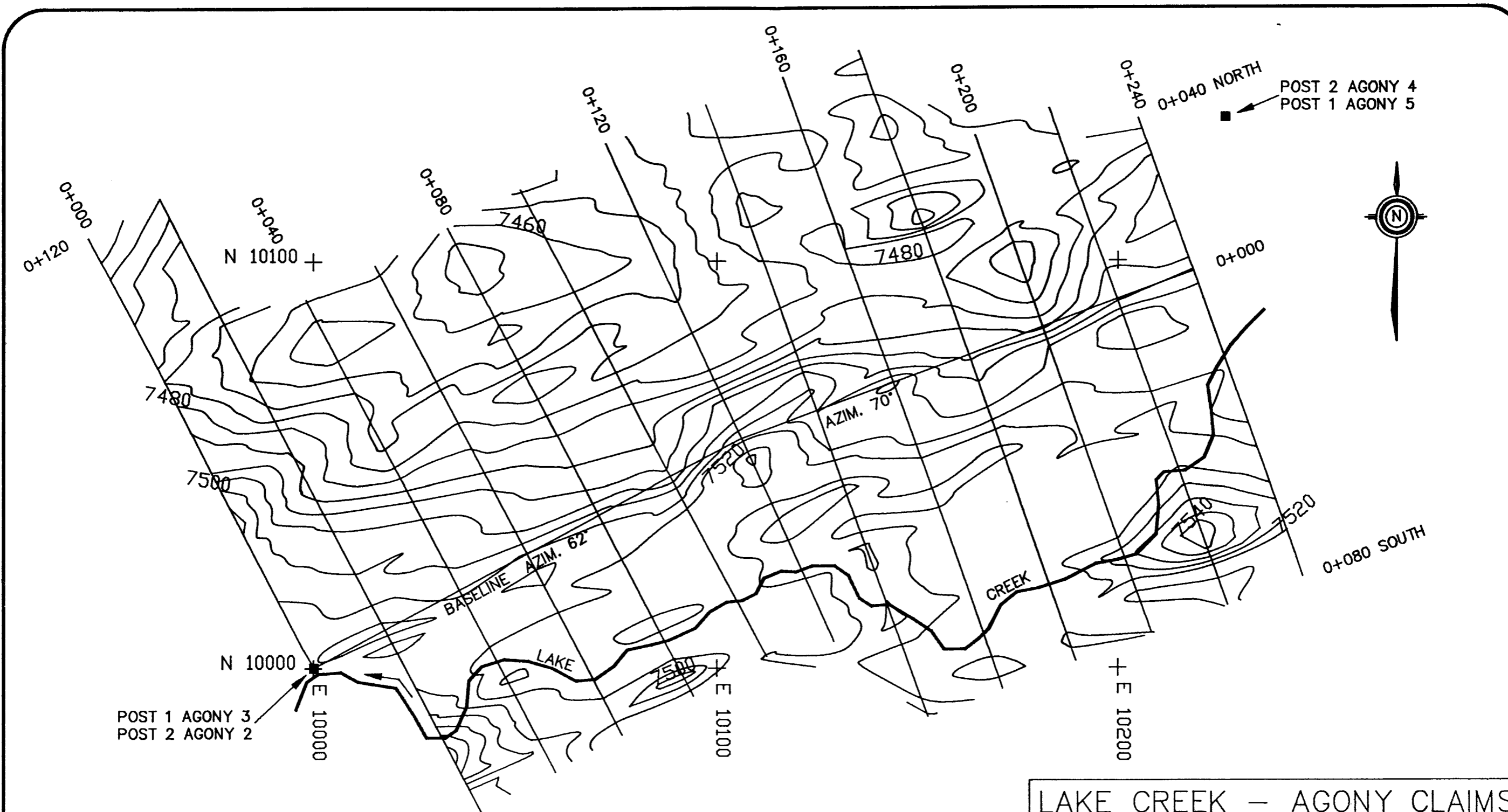
OFFICE

OFFICE

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TERMS: NET 30 DAYS FROM DATE OF INVOICE unless other arrangements made
2% PER MONTH CHARGED ON OVERDUE ACCOUNTS

APPENDICES



NOTES:

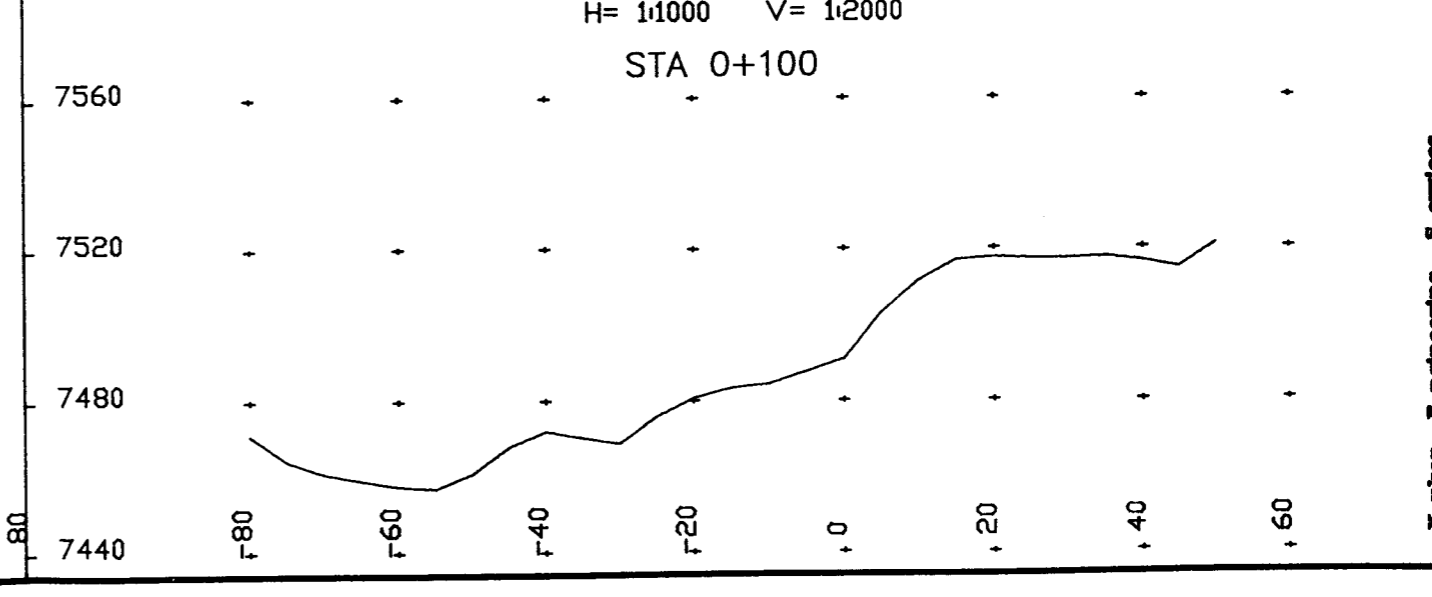
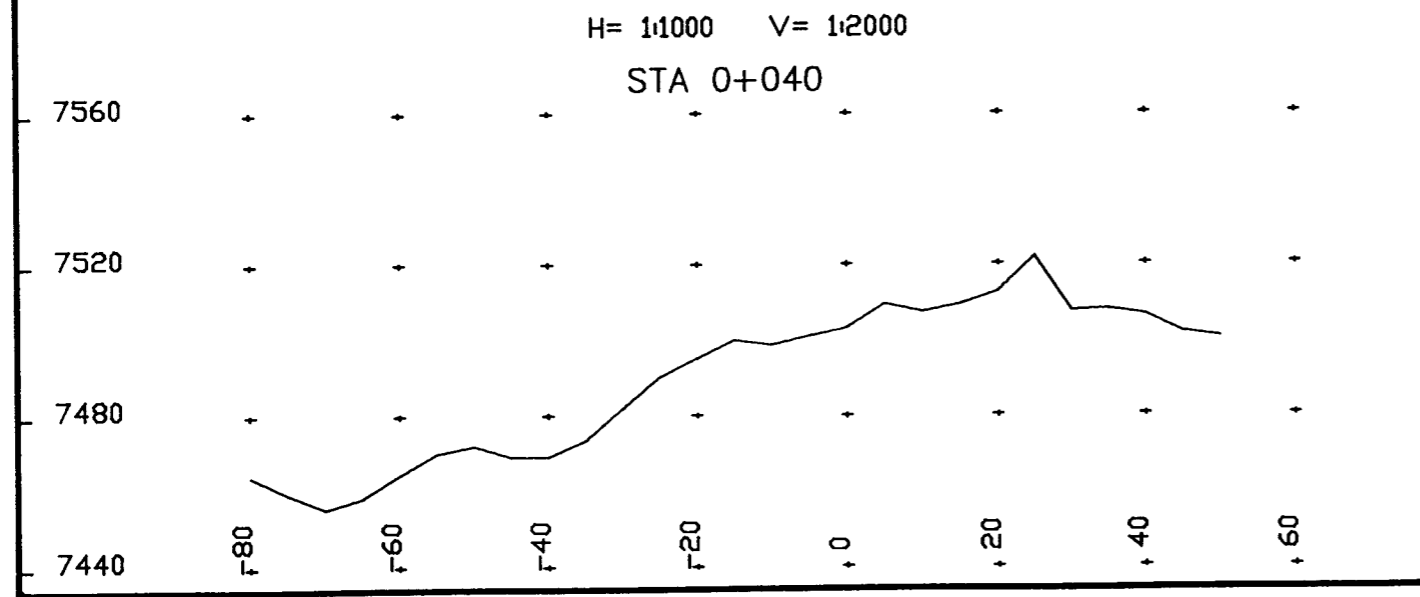
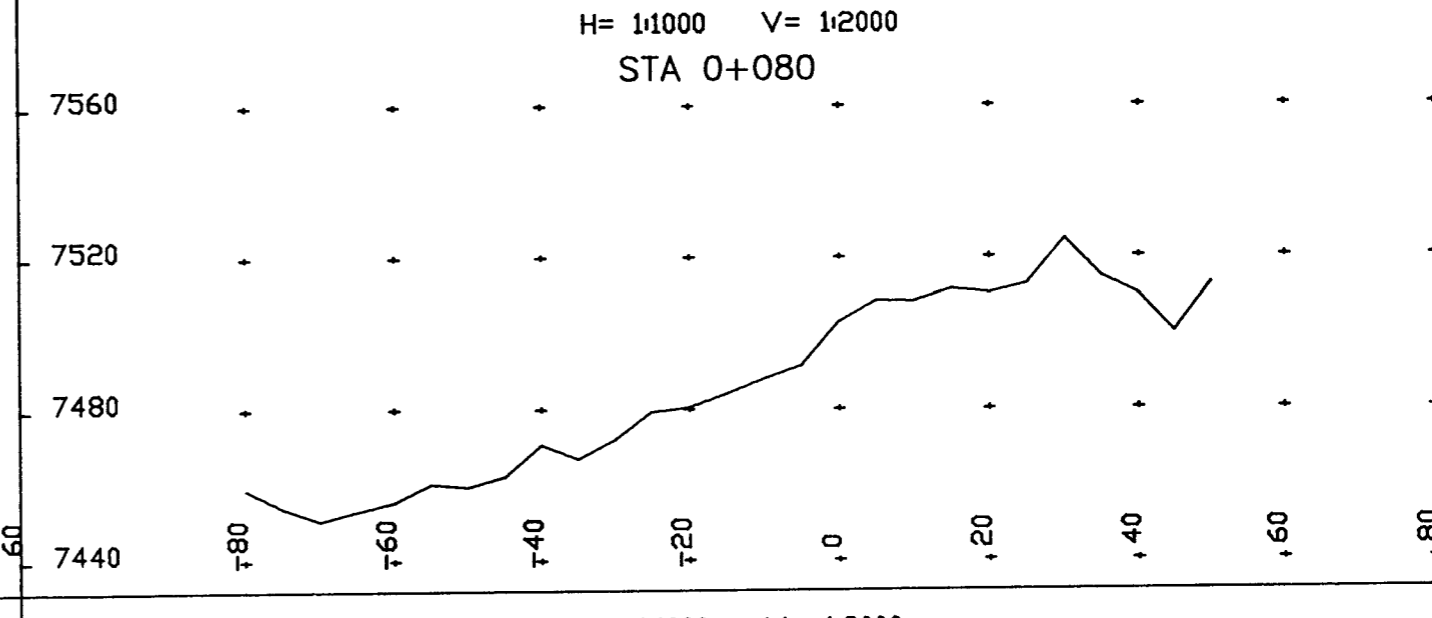
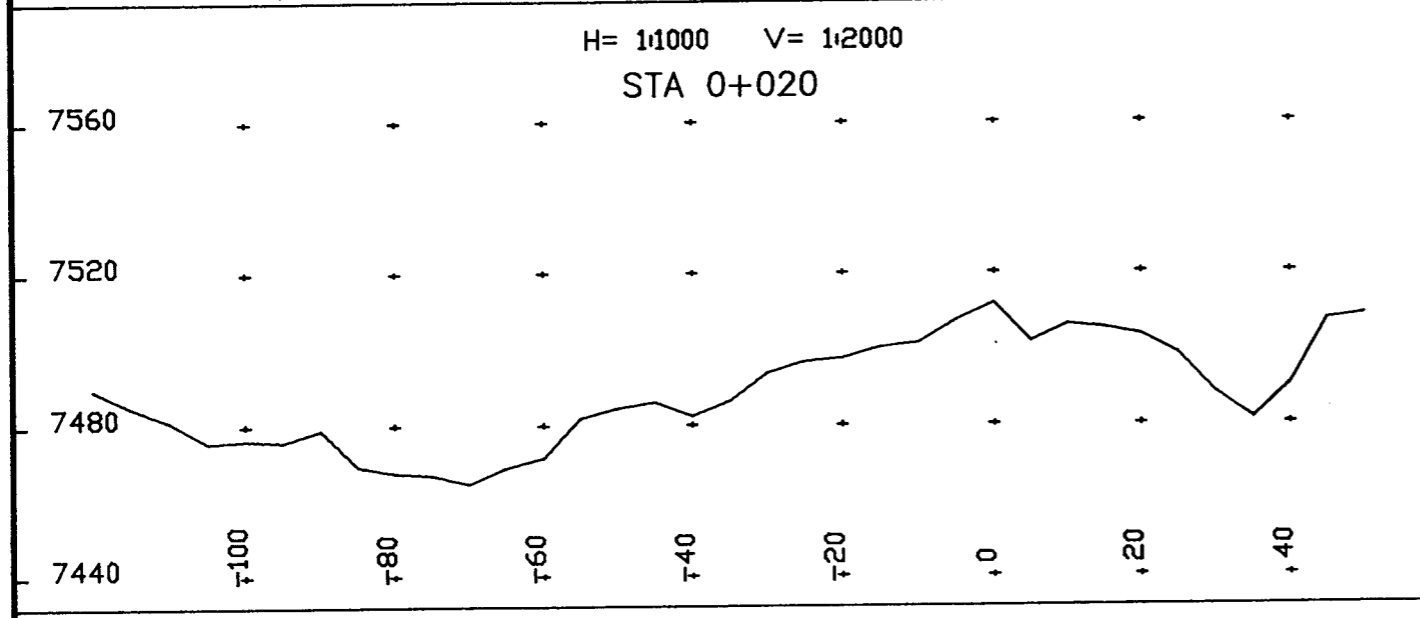
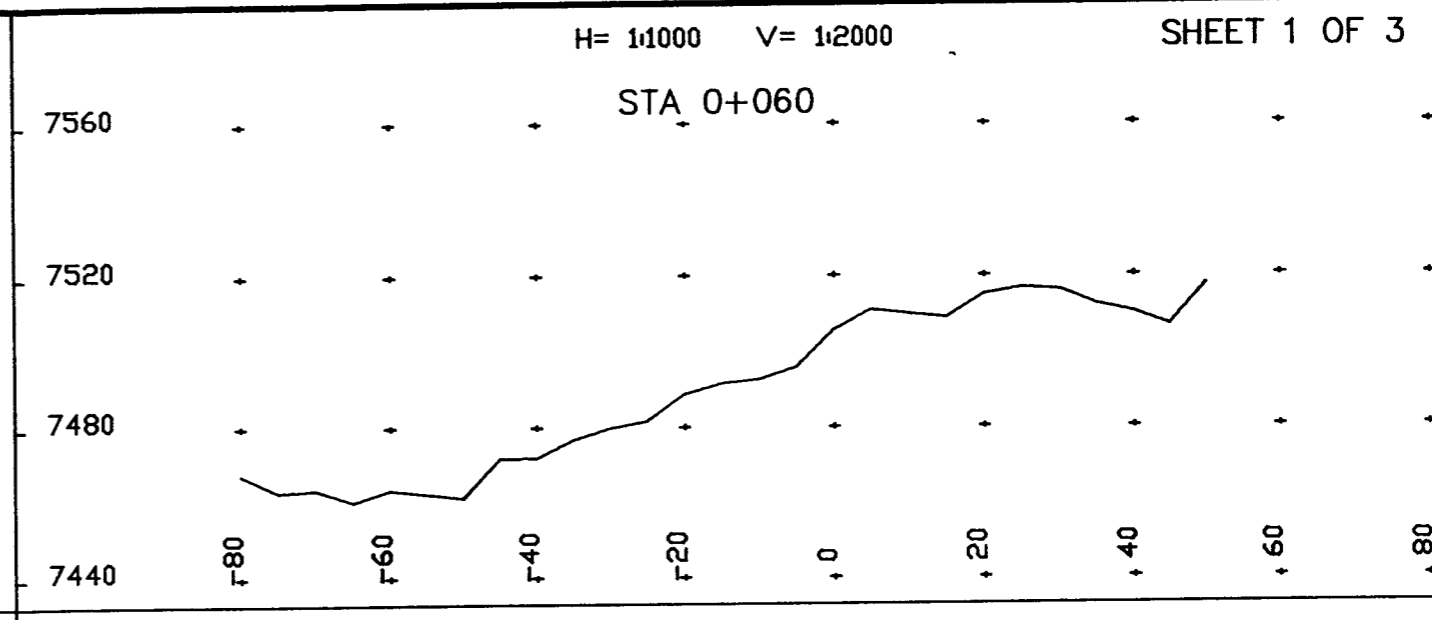
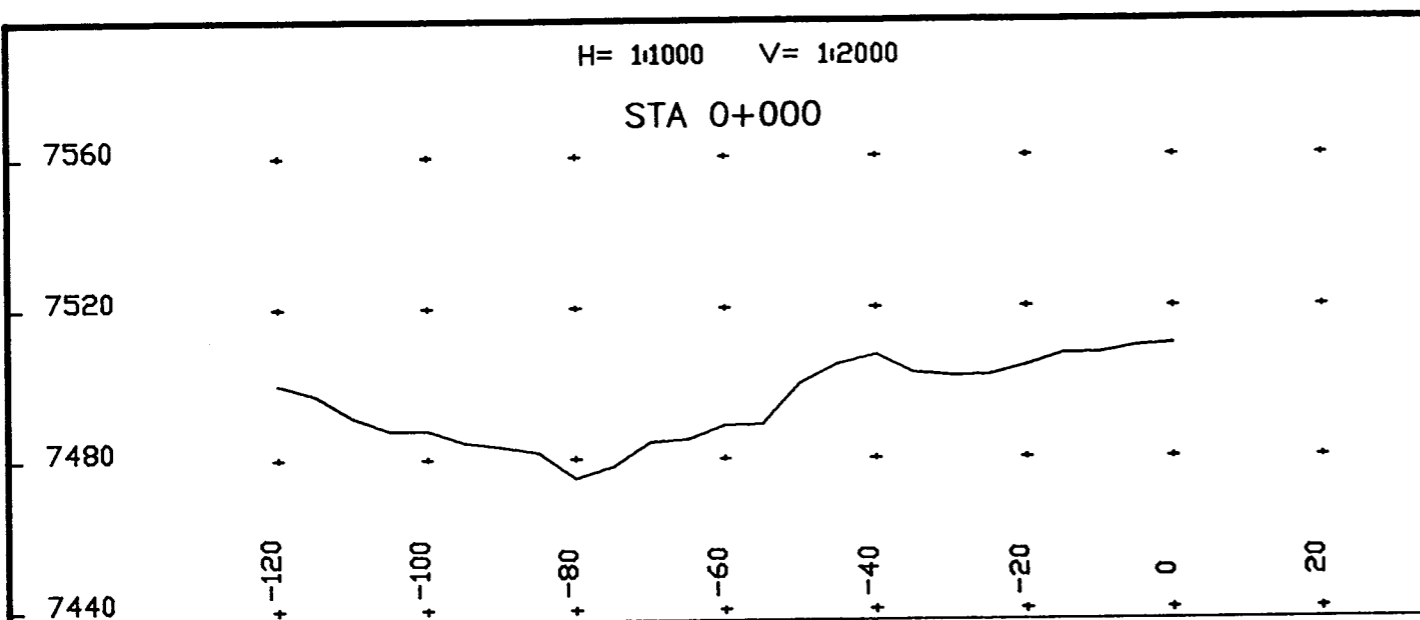
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5 METER READING INTERVAL

LAKE CREEK - AGONY CLAIMS

TOTAL FIELD MAGNETOMETER SURVEY

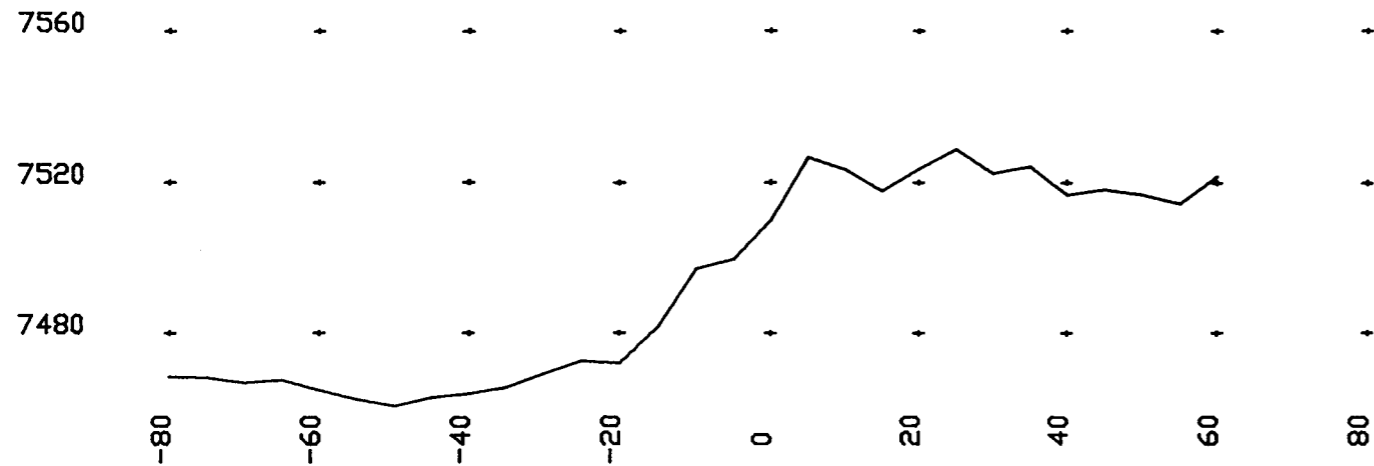
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DRAWING NO. 9117-OR-01		APPROVED BY: R.L. McINTYRE, C.E.T.	

Y ukon E ngineering S ervices



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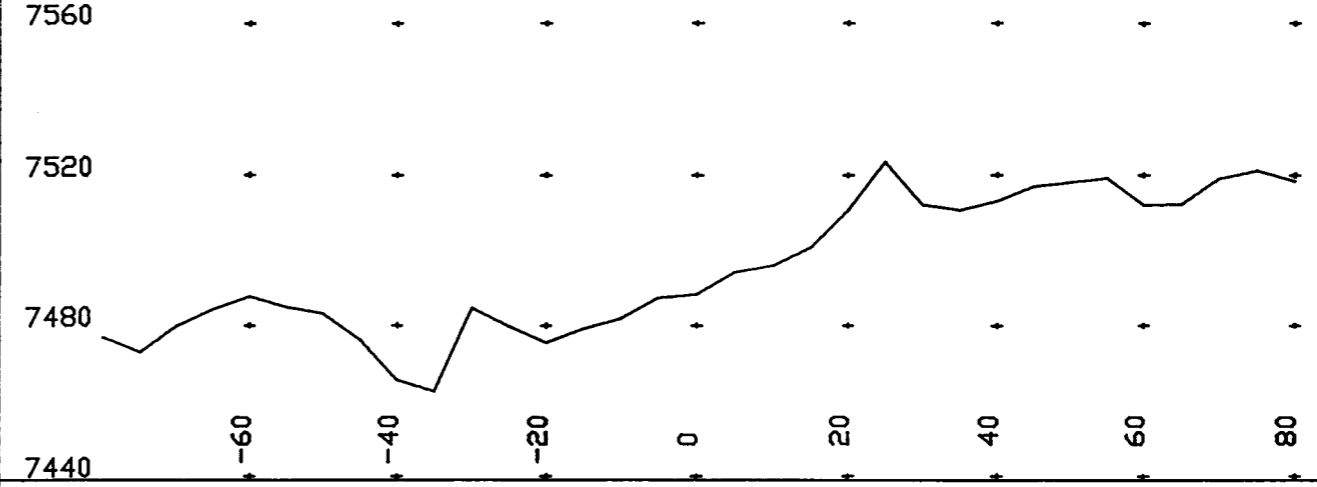
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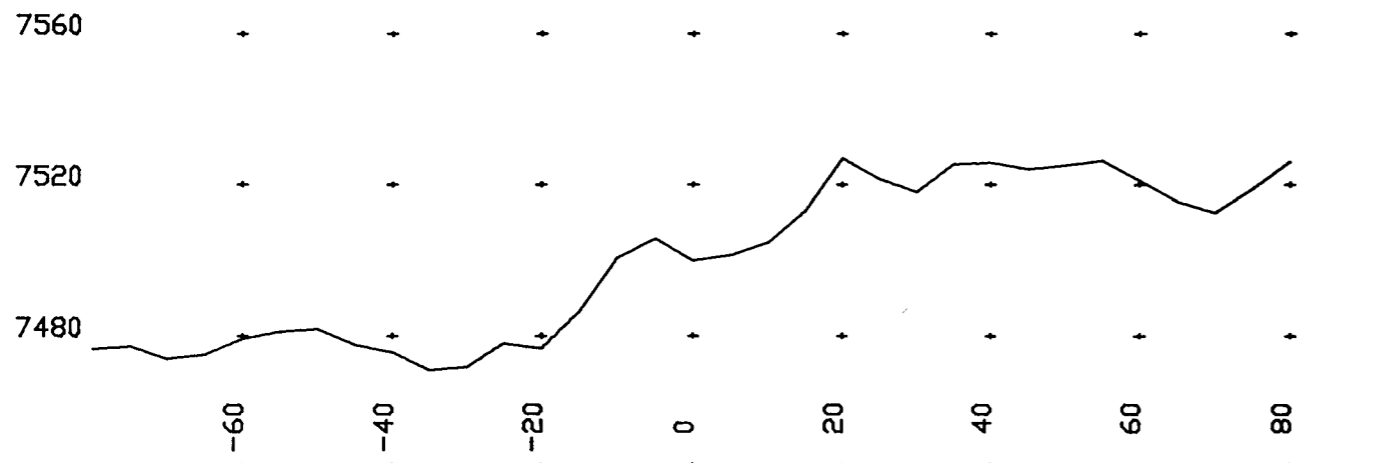
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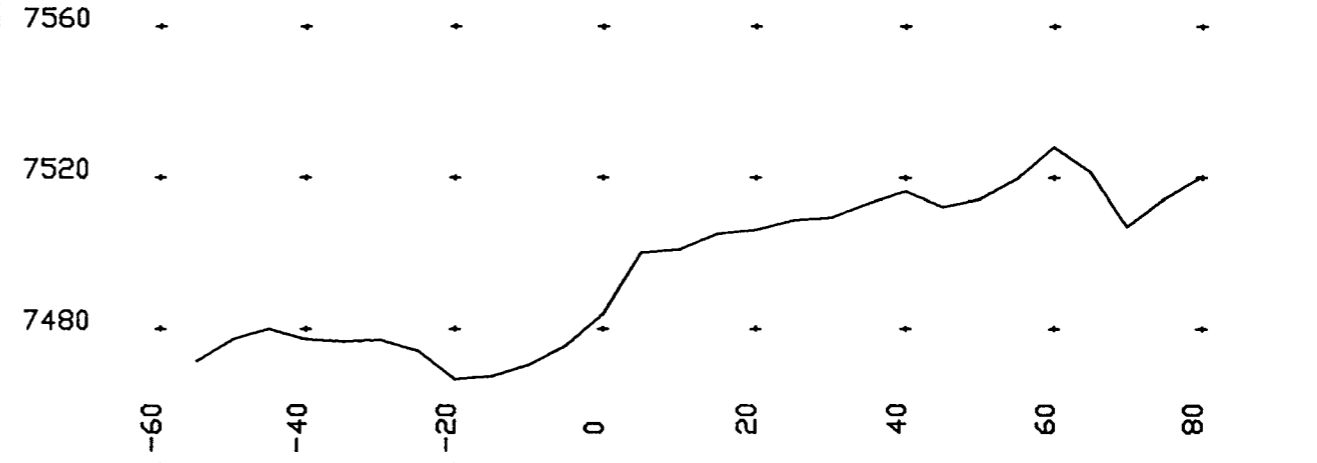
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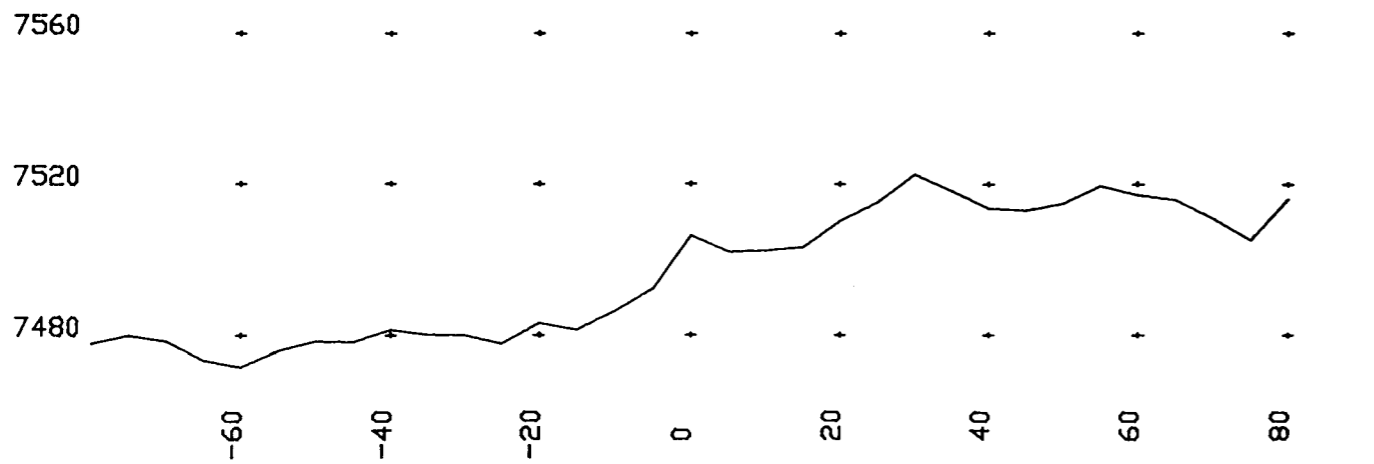
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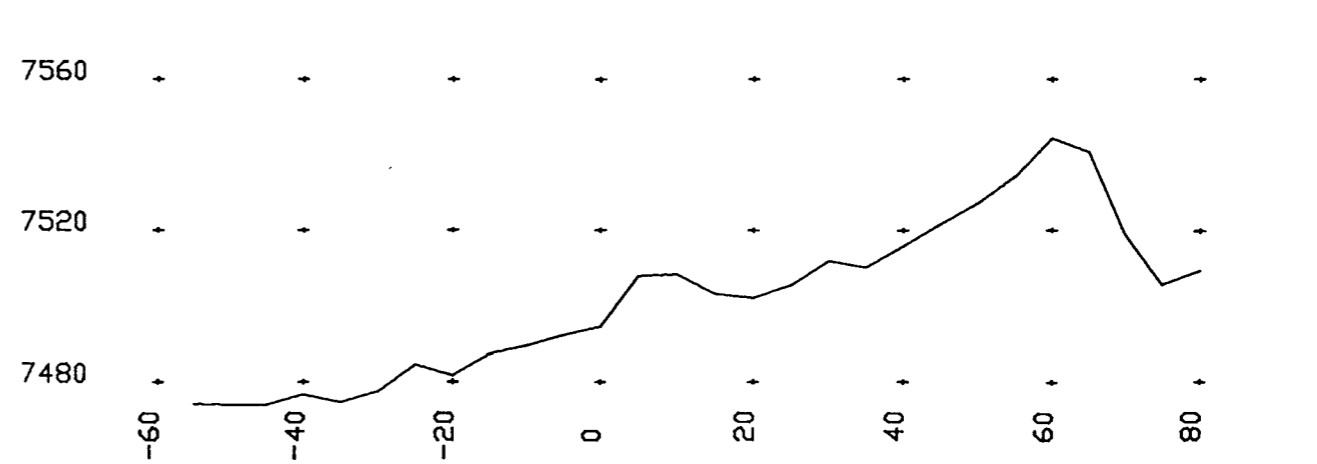
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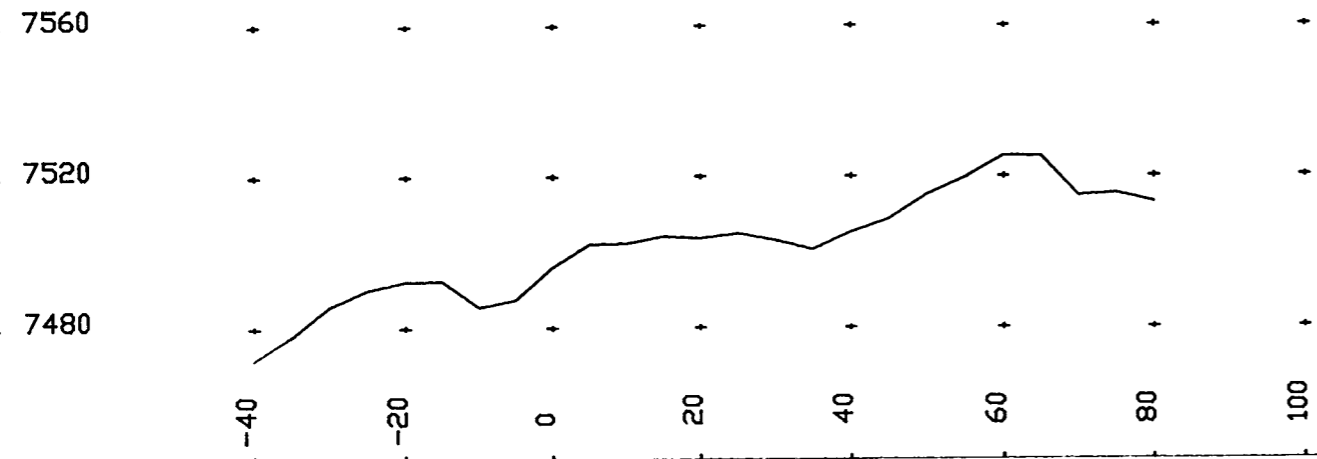
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 Start of print: 10/31 11:02:10

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-50	57472.3	.05	385.5	11:36:53 88
-55	57470.4	.04	385.2	11:37:10 88
-60	57464.6	.05	385.1	11:37:27 88
-65	57458.5	.03	385.0	11:37:42 88
-70	57455.6	.05	384.7	11:37:59 88
-75	57459.6	.04	384.6	11:38:16 88
-80	57464.3	.04	384.5	11:38:29 88

Line:	60	Date:	12 OCT 91	#90
POSITION	FIELD	ERR	DRIFT	TIME DS
-80	57467.6	.03	384.2	11:42:19 88
-75	57463.0	.04	384.3	11:42:53 88
-70	57463.6	.05	384.5	11:43:08 88
-65	57460.4	.04	384.7	11:43:23 88
-60	57463.5	.04	384.7	11:43:39 88
-55	57462.5	.04	384.8	11:43:55 88
-50	57461.4	.04	384.7	11:44:14 88
-45	57471.8	.04	384.1	11:45:18 88
-40	57471.9	.04	384.3	11:45:34 88
-35	57476.7	.04	384.4	11:45:54 88
-30	57478.8	.04	384.5	11:46:09 88

-15	57491.5	.04	384.7	11:47:06	88
-10	57492.6	.04	384.9	11:47:17	88
-5	57495.8	.05	385.1	11:48:43	88
0	57505.6	.04	385.3	11:49:00	88
5	57510.8	.04	385.3	11:49:19	88
10	57509.7	.04	385.2	11:49:38	88
15	57508.7	.04	385.1	11:49:56	88
20	57514.9	.05	385.0	11:50:16	88
25	57516.6	.04	384.9	11:50:34	88
30	57516.0	.05	385.0	11:50:51	88
35	57512.2	.04	385.0	11:51:23	88
40	57510.1	.04	384.9	11:52:45	88
45	57506.6	.04	384.9	11:53:30	88
50	57517.3	.05	384.8	11:53:45	88

Line:	80	Date:	12 OCT 91	#117	
POSITION	FIELD	ERR	DRIFT	TIME	DS
50	57512.6	.05	385.0	11:58:59	88
45	57499.9	.04	384.4	11:59:55	88
40	57509.9	.04	384.3	12:00:20	88
35	57514.5	.05	384.0	12:01:10	88
30	57524.5	.04	383.8	12:01:35	88
25	57512.7	.04	383.4	12:02:05	88
20	57510.3	.05	383.5	12:02:30	88
15	57511.3	.04	383.5	12:03:14	88
10	57508.2	.03	383.3	12:03:33	88
5	57508.4	.05	383.2	12:03:50	88
0	57502.9	.04	383.3	12:04:06	88
-5	57491.4	.04	382.8	12:07:22	88
-10	57488.0	.05	382.7	12:07:37	88
-15	57484.0	.04	382.6	12:07:55	88
-20	57480.5	.04	382.5	12:08:07	88
-25	57479.2	.04	382.6	12:08:22	88
-30	57471.9	.04	382.5	12:08:37	88
-35	57466.8	.04	382.4	12:08:52	88
-40	57470.6	.04	382.4	12:09:11	88
-45	57462.3	.04	382.6	12:09:34	88
-50	57459.5	.04	382.7	12:09:49	88
-55	57460.3	.04	382.6	12:10:02	88
-60	57455.6	.04	382.6	12:10:17	88
-65	57453.2	.03	382.3	12:10:34	88
-70	57450.7	.04	382.2	12:10:47	88
-75	57454.0	.04	382.0	12:11:01	88
-80	57458.9	.04	381.9	12:11:15	88

Line:	100	Date:	12 OCT 91	#144	
POSITION	FIELD	ERR	DRIFT	TIME	DS
-80	57471.2	.05	382.0	12:12:21	88
-75	57464.4	.03	381.8	12:12:57	88
-70	57461.1	.04	381.8	12:13:18	88
-65	57459.3	.04	381.9	12:13:34	88
-60	57457.8	.04	381.8	12:13:46	88
-55	57457.1	.04	382.0	12:14:27	88
-50	57460.9	.04	382.0	12:14:40	88
-45	57468.0	.04	381.9	12:15:09	88
-40	57472.1	.04	381.9	12:15:26	88
-35	57470.4	.04	381.7	12:15:43	88
-30	57468.8	.04	381.7	12:15:59	88
-25	57475.7	.03	381.5	12:16:17	88
-20	57480.6	.03	381.4	12:16:39	88
-15	57483.2	.04	381.4	12:17:12	88
-10	57484.2	.05	381.4	12:17:26	88
-5	57487.4	.04	381.5	12:17:44	88
0	57490.8	.04	381.3	12:18:15	88

15	57516.7	.06	380.0	13:26:33	88
20	57517.4	.06	380.1	13:26:52	88
25	57517.0	.05	380.1	13:27:12	88
30	57517.0	.05	380.1	13:27:19	88
35	57517.4	.05	379.9	13:27:51	88
40	57516.3	.05	379.7	13:28:33	88
45	57514.5	.04	379.8	13:29:06	88
50	57520.7	.05	380.1	13:29:29	88

Line:	120	Date:	12 OCT 91	#171	
POSITION	FIELD	ERR	DRIFT	TIME	DS
60	57521.7	.06	381.3	13:33:51	88
55	57514.5	.06	382.0	13:36:19	88
50	57516.9	.06	381.8	13:37:07	88
45	57518.2	.06	381.9	13:37:26	88
40	57516.7	.07	381.7	13:37:50	88
35	57524.2	.05	381.6	13:38:19	88
30	57522.4	.06	381.9	13:38:41	88
25	57528.8	.06	381.9	13:39:10	88
20	57523.6	.07	381.8	13:39:26	88
15	57517.7	.07	382.0	13:39:56	88
10	57523.5	.06	382.1	13:40:13	88
5	57526.7	.05	382.3	13:40:33	88
0	57510.0	.06	382.1	13:41:00	88
-5	57499.5	.06	382.1	13:41:27	88
-10	57496.9	.06	381.8	13:41:44	88
-10	57497.0	.07	381.2	13:43:07	88
-15	57481.7	.06	381.2	13:43:54	88
-20	57471.9	.06	381.1	13:44:33	88
-25	57472.5	.07	380.8	13:55:36	88
-30	57469.2	.07	380.9	13:55:47	88
-35	57465.5	.07	381.0	13:56:03	88
-40	57463.9	.06	380.9	13:56:22	88
-45	57462.9	.07	381.0	13:56:38	88
-50	57460.6	.07	381.0	13:56:50	88
-55	57462.4	.08	380.8	13:57:05	88
-60	57464.8	.07	380.7	13:57:17	88
-65	57467.5	.07	380.5	13:57:44	88
-70	57466.8	.06	380.5	13:58:03	88
-75	57468.1	.07	380.5	13:58:17	88
-80	57468.4	.06	380.5	13:58:32	88

Line:	140	Date:	12 OCT 91	#201	
POSITION	FIELD	ERR	DRIFT	TIME	DS
-80	57476.5	.06	380.3	13:59:44	88
-75	57477.2	.05	380.0	14:00:18	88
-70	57473.9	.07	379.9	14:00:31	88
-65	57475.0	.05	379.9	14:00:48	88
-60	57479.1	.07	380.0	14:01:01	88
-55	57481.1	.07	380.0	14:01:15	88
-50	57481.8	.08	380.1	14:01:28	88
-45	57477.6	.07	380.3	14:01:41	88
-40	57475.6	.06	380.5	14:01:56	88
-35	57470.8	.06	380.6	14:02:15	88
-30	57471.6	.08	380.5	14:02:34	88
-25	57477.9	.08	380.5	14:02:56	88
-20	57476.6	.09	380.5	14:03:20	88
-15	57486.2	.12	380.5	14:03:33	88
-10	57500.6	.08	380.4	14:03:54	88
-5	57505.8	.09	380.2	14:05:08	88
0	57499.9	.07	380.4	14:06:43	88
5	57501.3	.08	380.3	14:09:13	88
10	57504.6	.05	380.6	14:09:48	88
15	57513.1	.04	381.0	14:10:04	88

30	57517.9	.09	380.7	14:10:59	88
35	57525.4	.06	380.3	14:11:17	88
40	57525.8	.09	380.2	14:11:35	88
45	57524.0	.04	380.3	14:11:53	88
50	57525.1	.06	380.7	14:12:07	88
55	57526.4	.05	381.6	14:12:38	88
60	57521.1	.05	382.0	14:13:04	88
65	57515.5	.07	381.9	14:13:26	88
70	57512.6	.07	381.0	14:13:58	88
75	57518.9	.06	380.7	14:14:15	88
80	57526.1	.06	380.5	14:14:32	88

Line:	160	Date:	12 OCT 91	#234	
POSITION	FIELD	ERR	DRIFT	TIME	DS
80	57516.0	.06	382.9	14:19:41	88
75	57505.2	.05	382.7	14:21:49	88
70	57510.9	.05	383.2	14:22:08	88
65	57515.8	.06	382.8	14:22:44	88
60	57517.1	.04	383.1	14:23:07	88
55	57519.5	.06	382.7	14:23:30	88
50	57514.8	.05	382.6	14:23:50	88
45	57513.0	.05	382.6	14:24:17	88
40	57513.6	.04	382.5	14:24:36	88
35	57518.3	.05	382.4	14:24:51	88
30	57522.6	.05	382.0	14:25:09	88
25	57515.1	.04	381.9	14:25:30	88
20	57510.2	.04	381.6	14:26:09	88
15	57503.1	.05	381.7	14:26:28	88
10	57502.2	.04	381.7	14:26:45	88
5	57501.9	.04	381.7	14:27:04	88
0	57506.3	.05	385.0	14:39:41	88
-5	57492.2	.05	384.9	14:40:03	88
-10	57486.2	.05	384.7	14:40:15	88
-15	57481.3	.05	384.8	14:40:32	88
-20	57483.1	.05	385.0	14:40:50	88
-25	57477.6	.04	384.6	14:41:26	88
-30	57479.9	.05	384.3	14:41:40	88
-35	57480.1	.04	384.4	14:42:23	88
-40	57481.4	.05	384.0	14:42:46	88
-45	57478.1	.05	384.4	14:44:44	88
-50	57478.3	.04	384.3	14:44:51	88
-55	57475.9	.04	384.0	14:45:11	88
-60	57471.6	.04	383.8	14:45:29	88
-65	57473.5	.05	383.6	14:45:53	88
-70	57478.4	.05	383.5	14:46:14	88
-75	57480.0	.05	384.0	14:47:29	88
-80	57477.8	.05	384.0	14:47:43	88

Line:	180	Date:	12 OCT 91	#267	
POSITION	FIELD	ERR	DRIFT	TIME	DS
-80	57476.8	.04	384.1	14:52:02	88
-75	57472.9	.04	383.9	14:52:51	88
-70	57479.9	.04	384.1	14:53:19	88
-65	57484.3	.04	384.3	14:53:32	88
-60	57487.7	.04	384.4	14:53:47	88
-55	57484.8	.05	384.6	14:54:05	88
-50	57483.1	.04	384.8	14:54:18	88
-45	57476.1	.04	384.5	14:54:36	88
-40	57465.4	.03	384.5	14:54:57	88
-35	57462.4	.04	384.6	14:55:19	88
-30	57484.6	.04	384.5	14:55:31	88
-25	57479.8	.04	384.6	14:55:50	88
-20	57475.4	.04	384.6	14:56:05	88
-15	57479.1	.04	384.6	14:56:20	88

0	57488.3	.04	384.7	14:57:34	88
5	57494.2	.04	385.9	14:59:02	88
10	57495.9	.03	385.9	14:59:16	88
15	57500.8	.03	385.9	14:59:35	88
20	57510.6	.04	385.8	14:59:59	88
25	57523.5	.04	385.6	15:00:35	88
30	57512.1	.03	385.6	15:00:59	88
35	57510.7	.03	385.9	15:01:21	88
40	57513.1	.04	385.9	15:01:34	88
45	57517.0	.03	386.0	15:01:49	88
50	57518.1	.04	386.1	15:02:47	88
55	57519.2	.04	385.9	15:03:03	88
60	57512.1	.05	385.8	15:03:29	88
65	57512.2	.07	385.6	15:09:36	88
70	57519.1	.07	385.6	15:10:00	88
75	57521.2	.07	385.7	15:10:19	88
80	57518.4	.06	386.0	15:10:35	88

Line: 200 Date: 12 OCT 91 #300

POSITION	FIELD	ERR	DRIFT	TIME	DS
80	57520.2	.08	387.0	15:12:29	88
75	57514.3	.07	386.6	15:13:35	88
70	57507.0	.05	386.7	15:13:47	88
65	57521.4	.07	386.8	15:14:00	88
60	57528.0	.06	386.9	15:14:19	88
55	57519.7	.08	387.0	15:14:33	88
50	57514.3	.07	386.8	15:14:51	88
45	57512.3	.09	386.5	15:15:10	88
40	57516.4	.05	386.4	15:15:25	88
35	57513.2	.05	386.4	15:15:39	88
30	57509.4	.05	386.4	15:16:00	88
25	57508.7	.06	386.4	15:16:14	88
20	57506.2	.07	386.5	15:16:28	88
15	57505.2	.07	386.5	15:16:45	88
10	57501.0	.07	386.7	15:16:57	88
5	57500.1	.07	386.8	15:17:15	88
0	57483.8	.05	386.9	15:17:48	88
-5	57475.5	.07	387.0	15:18:10	88
-10	57470.4	.07	387.1	15:18:25	88
-15	57467.4	.06	390.8	15:37:19	88
-20	57466.6	.06	390.9	15:37:32	88
-25	57474.2	.07	390.9	15:37:48	88
-30	57477.0	.07	390.8	15:38:04	88
-35	57476.6	.05	390.7	15:38:21	88
-40	57477.2	.07	390.6	15:38:35	88
-45	57480.0	.06	390.5	15:38:52	88
-50	57477.2	.06	390.7	15:39:08	88
-55	57471.4	.06	391.5	15:40:03	88

Line: 220 Date: 12 OCT 91 #328

POSITION	FIELD	ERR	DRIFT	TIME	DS
-55	57474.1	.07	391.5	15:40:18	88
-50	57473.9	.06	391.5	15:40:35	88
-45	57473.9	.07	391.5	15:40:43	88
-40	57476.6	.07	391.8	15:41:00	88
-35	57474.5	.06	391.8	15:41:14	88
-30	57477.3	.06	391.8	15:41:30	88
-25	57484.4	.07	391.8	15:41:48	88
-20	57481.6	.06	391.6	15:42:11	88
-15	57487.3	.06	391.5	15:42:32	88
-10	57489.4	.05	391.5	15:42:49	88
-5	57492.2	.06	391.5	15:43:16	88
0	57494.4	.08	391.2	15:43:44	88
5	57507.9	.05	391.0	15:44:15	88

20	57502.1	.06	390.8	15:45:26	88
25	57505.5	.06	391.1	15:45:52	88
30	57511.9	.05	391.1	15:46:12	88
35	57510.1	.06	391.0	15:46:33	88
40	57515.7	.11	391.0	15:46:51	88
45	57521.6	.07	390.7	15:48:33	88
50	57527.2	.08	391.3	15:49:08	88
55	57534.3	.07	391.4	15:49:34	88
60	57544.4	.07	391.5	15:50:04	88
65	57540.7	.07	391.4	15:50:27	88
70	57518.9	.08	391.1	15:50:48	88
75	57505.8	.07	391.1	15:51:08	88
80	57509.4	.07	391.3	15:51:41	88

Line:	240	Date:	12 OCT 91	#356	
POSITION	FIELD	ERR	DRIFT	TIME	DS
80	57513.1	.07	391.4	15:53:39	88
75	57515.4	.07	391.7	15:55:31	88
70	57514.8	.07	391.7	15:55:49	88
65	57525.3	.07	391.8	15:56:16	88
60	57525.4	.11	391.7	15:56:24	88
55	57519.6	.09	391.8	15:56:41	88
50	57515.1	.09	392.0	15:56:56	88
45	57508.6	.08	392.1	15:57:21	88
40	57505.2	.08	392.1	15:57:47	88
35	57500.6	.08	392.3	15:58:02	88
30	57503.0	.06	392.3	15:58:18	88
25	57504.9	.06	392.1	15:58:46	88
20	57503.6	.06	392.1	15:59:09	88
15	57504.2	.07	391.9	15:59:25	88
10	57502.3	.07	391.7	15:59:45	88
5	57502.1	.06	391.8	16:00:04	88
0	57496.1	.06	391.9	16:00:41	88
-5	57487.5	.06	392.0	16:00:57	88
-10	57485.6	.06	392.1	16:01:17	88
-15	57492.5	.07	392.2	16:01:32	88
-20	57492.4	.06	392.2	16:01:39	88
-25	57490.2	.05	392.3	16:01:57	88
-30	57485.9	.05	392.2	16:02:12	88
-35	57477.9	.06	392.3	16:02:27	88
-40	57471.6	.05	392.3	16:02:50	88

EOF