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GEOPHYSICAL REPORT

SOVEREIGN METALS CORPORATION

on

VECTOR PULSE ELECTROMAGNETOMETER DATA

Barb Mineral Claims, Frances Lake Area,

Watson Lake Mining Division, Yukon.

Latitude:	61° 27' 40 North
Longitude:	129° 25' 00 West
N. T. S.	105 H - 6

by:

GLEN E. WHITE, B.Sc., P. Eng.,
Geophysicist

April 10, 1979.

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AUTHOR: Glen E. White, B.Sc., P. Eng.,
Geophysicist
DATE OF REPORT: April 10, 1979

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INTRODUCTION

During the summer of 1978, a program of vector pulse electromagnetometer surveying was conducted over the Barb mineral claims by Glen E. White Geophysical Consulting & Services Ltd. on behalf of New Frontier Exploration Ltd. and is discussed in a Geophysical Report addressed to New Frontier Exploration Ltd. dated August 31, 1978.

The survey did not detect any vector foci typical of infinite source conductors. However, a number of inflections in vector angle were noted and depicted as possible lithologic contacts, Figure 1.

The purpose of this report is to evaluate the individual horizontal and vertical component from the previous survey on behalf of Sovereign Metals Corporation to try and detect any finite source conductors. The horizontal and vertical component data is illustrated on Figures 2 - 59. Approximately three-quarters of the data is presented. The remaining data could not be readily used because of a mixture of integer and decimal point values.

VECTOR PULSE ELECTROMAGNETOMETER SURVEY

The pulse electromagnetometer system is a time domain E.M. system which can be used in the standard horizontal loop mode or deep penetrating vector mode.

The primary field for the horizontal loop survey is obtained from a transmit loop 6 meters in diameter laid out horizontally on the ground and energized by a pulse of 20 amps at 24 volts with an on-off time of 10.8 ms. The receive coil is generally spaced 25 - 100 meters from the transmit loop. Both are moved simultaneously from station to station. The secondary field signal on the receive coil is sampled and averaged for 10 seconds and then stored for read-out. Eight samples of the secondary field are obtained with increasing window widths during the primary field off time. Time synchronization is by radio link or cable.

The eight channels of secondary field information are equivalent to a wide spectrum of frequencies from approximately $2KH_z$ to $16H_z$ which allows for determination of overburden effects and penetration of conductive overburden. Since the secondary field is measured directly during the primary field off time, the pulse method is relatively free of geometrical restrictions between the transmit and receive coil positions, such as topography interference and coil alignment.

The primary field for the vector EM technique is obtained from a small turam type loop of 152 m (500 ft.) per side which is energized with a current of some 25 amps at 24 volts. A scalar vector is obtained by determining the horizontal and vertical components of the secondary field. A right angle to this resultant vector points to the eddy current position. See Appendix for diagrams.

DISCUSSION OF RESULTS

The vector component conductors interpreted from this survey are illustrated on the VEM loop and conductor map, Figure 1, as stars. The larger stars indicate the stronger responses. It can be readily observed that the component conductors in general follow the inferred lithologic contacts. The centre contact trending through claims 11, 10, and 13, would appear to be of some electromagnetic consequence. The strongest responses on this trend were on lines 2N and 4N as illustrated. The strongest responses obtained were on line 10S near the baseline from Loop A. Here the amplitudes are very high and shape distorted. This response would appear to be caused by a shallow north-easterly dipping lense which is plunging south-eastward.

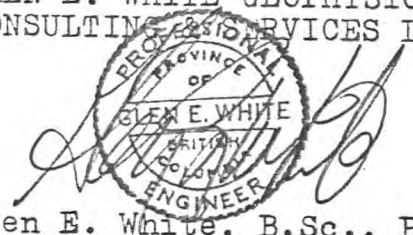
In general, the conductors are largely low amplitude channel 1 and 2 responses which indicates poor conductivity. The background slope of the horizontal and vertical component curves suggests that the phyllites are also weakly conductive.

CONCLUSION AND RECOMMENDATIONS

The vector analysis of the Barb mineral claims for New Frontier Exploration Ltd. delineated a number of subtle electromagnetic interfaces which are shown as possible contacts on Figure 1. A study of the individual horizontal and vertical components on behalf of Sovereign Metals Corporation indicated that a number of weakly conductive targets appear to be associated with the possible contact zones, principally the zone trending through mineral claims 11, 10 and 13. The known mineralization around the baseline between lines 10S and 12S shows up dramatically from Loop A on line 10S, Figures 32 and 33. A more typical response is indicated by the subtle responses from Loop B on 10S, Figures 34 and 35 and on line 12S, Figure 36 and 37, from Loop A. Thus, the low amplitude responses obtained over the known mineralization would suggest that the mineral zones are irregular lenses of short strike length,

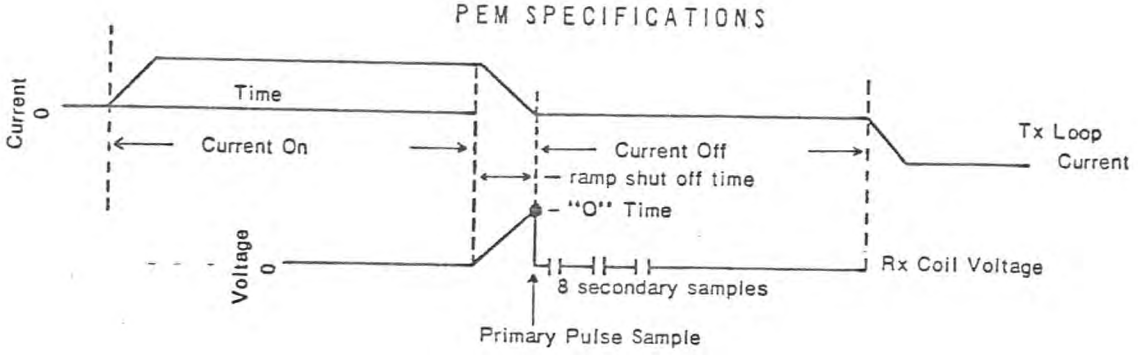
possibly associated with a lithofacies change. Therefore, a limited diamond drill program should be undertaken to explore this possibility with the initial diamond drill hole being positional to test a VEM component conductor.

Respectfully submitted,
GLEN E. WHITE GEOPHYSICAL
CONSULTING SERVICES LTD.



Glen E. White, B.Sc., P. Eng.
Consulting Geophysicist

PEM SPECIFICATIONS



Current Off time: 9.4 ms
Current on time: 10.8 ms
Current shut off (ramp) time: 1.4 ms
Sample times (zero to centre of sample): .15ms, .45ms, .85ms, 1.45ms, 2.45ms, 3.75ms, 5.85ms, 8.85ms.

Sample width: 100 μs
Zero time set at drop off point of primary pulse

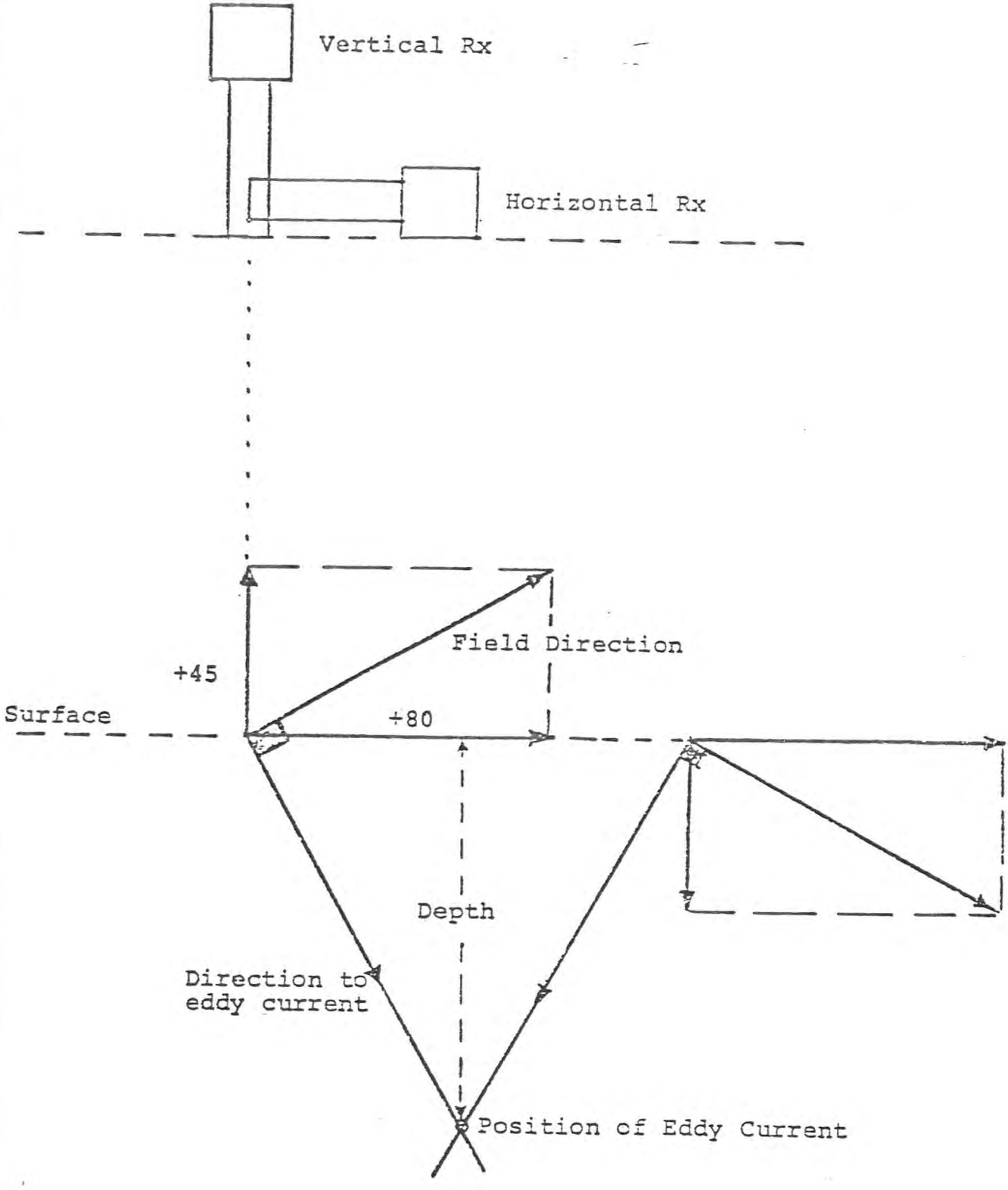
TRANSMITTER — Transmitter power and loop size may be increased to obtain increased penetration. Weight, portability and power capabilities of the control instrument are the limiting factors. The standard transmitter is designed to be carried by two men.

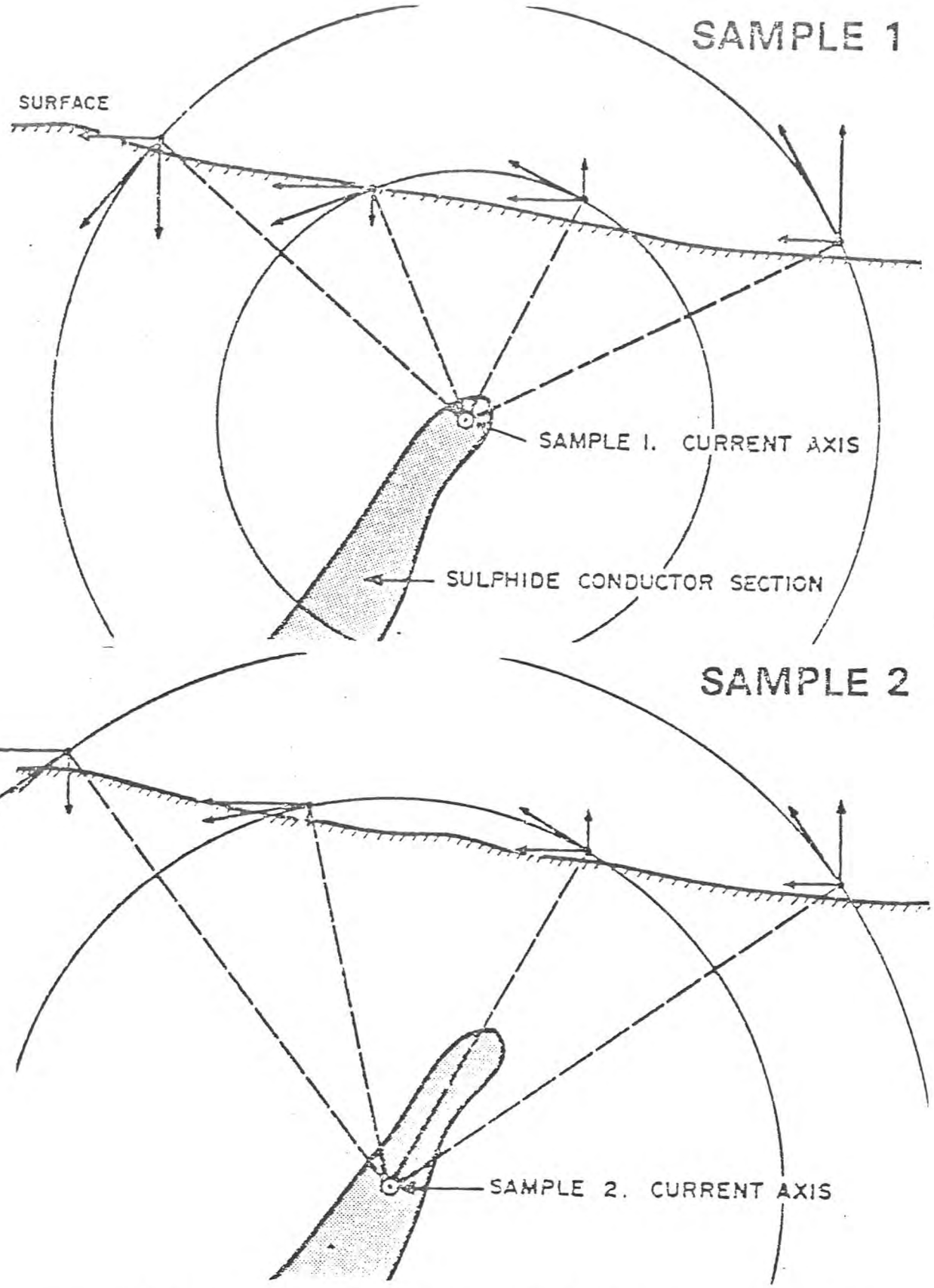
Loop diameter	– minimum 4 meters (13 feet)
Loop current	– 15 to 20 amps
Loop applied voltage	– 24 volts
Loop output	– minimum 4500 amps x meter ^{2}
Loop weight	– 11.8 kilos (26 lb)
Control unit weight	– 10 kilos (22 lb)
Control unit dimensions	– 20.5cm x 25.5cm x 36.5cm (8" x 10" x 14.5")
Battery supply weight	– 18.1 kilos (40 lb)
Battery supply	– 2 of 12 volt, 14 to 20 ampere hour

Timing control by radio synchronization

RECEIVER

- Receive coil dimensions: 55cm x 15cm (22" x 6")
- Receive coil weight: 4.5 kilos (10 lb)
- Preamplifier in coil
- Preamplifier batteries: 2 of 9 volt
- Receive coil tripod mounted
- Receiver measuring instrument dimensions: 28cm x 18cm x 21.5cm (11" x 7" x 9")
- Receiver measuring instrument weight: 6.3 kilos (14 lb)
- Timing control by radio synchronization
- Primary sample width: 100 μs
- Primary sample can be swept through primary pulse by means of a time calibrated pot
- Zero time set at primary pulse drop-off
- Secondary samples (eight of them) width: 100 μs
- Secondary samples time (zero to middle of sample): (1) .15ms (2) .45ms (3) .85ms (4) 1.45ms (5) 2.45ms (6) 3.75ms (7) 5.85ms (8) 8.85ms
- Automatic sampling for 5 seconds then all samples automatically stored
- Sample read out by means of meter
- Continuous sampling possible by switching function switch to "Continuous"
- Noise can be monitored by switching function switch to "Noise"
- Battery supply: 24 volt rechargeable, 2 of 12 volt Gel GC 12-15


Vertical Rx
Horizontal Rx
Field Direction
+45
Surface
+80
Depth
Direction to
eddy current
Position of Eddy Current



Location of the Current Path in the Conductor

STATEMENT OF QUALIFICATIONS

Name:	WHITE, Glen E. , P. Eng.
Profession:	Geophysicist
Education:	B.Sc. Geophysics - Geology University of British Columbia
Professional Associations:	Registered Professional Engineer, Province of British Columbia
	Associate member of Society of Exploration Geophysicists.
	Past President of B. C. Society of Mining Geophysicists
Experience:	Pre-Graduate experience in Geology - Geochemistry - Geophysics with Anaconda American Brass.
	Two years Mining Geophysicist with Sulmac Explorations Ltd. and Airborne Geophysics with Spartan Air Services Ltd.
	One year Mining Geophysicist and Technical Sales Manager in the Pacific north-west for W. P. McGill and Associates.
	Two years Mining Geophysicist and supervisor Airborne and Ground Geophysical Divisions with Geo-X Surveys Ltd.
	Two years Chief Geophysicist Tri-Con Exploration Surveys Ltd.
	Eight years Consulting Geophyicist.
	Active experience in all Geologic provinces of Canada.

NEW FRONTIER EXPLORATION INC. PAGE 1

LINE	STAT		CHANNEL 1	2	3	4	5	6	7	8	GAIN
			LOOP B								
14N	13E	VER:	-162	-206	-168	-112	-75	-43	-25	0	0.16
		HOR:	-6	-50	-50	-25	-25	-25	-18	-12	
14N	14E	VER:	-212	-243	-181	-137	-125	-125	-125	-75	0.16
		HOR:	12	-18	-25	-37	-50	-56	-62	-50	
14N	15E	VER:	-137	-187	-162	-87	-31	6	31	-68	0.16
		HOR:	-100	-75	-62	-50	-31	-18	-6	-12	
14N	16E	VER:	-166	-226	-173	-120	-80	-53	-40	-60	0.15
		HOR:	80	33	0	-6	0	0	20	-33	
14N	17E	VER:	-125	-187	-156	-106	-75	-50	-31	-12	0.16
		HOR:	-100	-87	-62	-18	-6	31	18	-12	
14N	18E	VER:	-141	-200	-166	-116	-83	-41	-16	8	0.12
		HOR:	-208	-166	-108	-83	-50	-25	-16	-16	
14N	19E	VER:	-145	-190	-172	-136	-100	-45	-27	-27	0.11
		HOR:	-236	-181	-100	-45	-27	18	27	81	
14N	20E	VER:	-75	-150	-141	-100	-75	-41	-8	0	0.12
		HOR:	-316	-241	-141	-91	-66	-41	-33	-16	
LINE	STAT		LOOP B								
12N	12E	VER:	-177	-209	-150	-90	-59	-31	-18	-9	0.22
		HOR:	63	13	-9	-9	0	0	0	0	
12N	13E	VER:	-200	-220	-155	-100	-70	-35	-25	-15	0.20
		HOR:	-25	-40	-40	-25	-20	-15	-15	0	
12N	14E	VER:	-195	-215	-155	-105	-65	-35	-15	-10	0.20
		HOR:	-25	-40	-30	-25	-35	-35	-20	-10	
12N	15E	VER:	-190	-215	-155	-105	-70	-30	-20	-5	0.20
		HOR:	-120	-95	-60	-30	-25	-15	-15	0	
12N	16E	VER:	-160	-170	-125	-80	-50	-30	-20	-5	0.20
		HOR:	-100	-65	-45	-25	-15	5	0	-20	
12N	17E	VER:	-172	-200	-155	-100	-72	-38	-22	-11	0.18
		HOR:	-166	-133	-77	-50	-33	-16	-16	-16	
12N	18E	VER:	-147	-182	-141	-94	-64	-29	-17	-5	0.17
		HOR:	-229	-158	-105	-70	-58	-52	-47	-47	
12N	19E	VER:	-120	-160	-133	-100	-73	-46	-26	-13	0.15
		HOR:	-100	-73	-40	-20	-20	-6	-40	-60	
12N	20E	VER:	-100	-142	-128	-92	-64	-35	-21	-7	0.14
		HOR:	-278	-192	-107	-64	-50	-28	-21	-307	
LINE	STAT		LOOP B								
10N	11E	VER:	-239	-215	-133	-81	-48	-27	-18	-12	0.33
		HOR:	-6	-9	-6	0	3	9	3	6	
10N	12E	VER:	-190	-186	-123	-73	-46	-23	-10	-6	0.30
		HOR:	20	-10	-16	-13	-10	0	-3	-3	
10N	13E	VER:	-175	-175	-117	-72	-44	-24	-17	-6	0.29
		HOR:	-127	-89	-55	-37	-27	-27	-31	-17	
10N	14E	VER:	-175	-175	-113	-65	-37	-17	-10	0	0.29
		HOR:	-224	-155	-68	-34	-10	17	31	72	
10N	15E	VER:	-166	-174	-111	-70	-44	-25	-14	-11	0.27
		HOR:	-144	-85	-48	-25	-11	-3	0	3	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
10N	16E	VER:	-164	-172	-116	-72	-44	-20	-12	-12	0.25
		HOR:	-84	-60	-36	-20	-12	0	0	4	
10N	17E	VER:	-160	-165	-113	-73	-47	-30	-21	-8	0.23
		HOR:	-134	-86	-47	-34	-30	-26	-34	-30	
10N	18E	VER:	-145	-150	-110	-75	-50	-30	-15	-10	0.20
		HOR:	-190	-125	-65	-30	-20	-5	-5	0	
10N	19E	VER:	-142	-168	-131	-78	-52	-26	-15	-5	0.19
		HOR:	-231	-152	-78	-36	-21	-10	-5	-31	
10N	20E	VER:	-136	-157	-115	-78	-52	-31	-15	-15	0.19
		HOR:	-215	-136	-73	-47	-21	-10	0	-5	

LINE	STAT		LOCP	A							
8N	9E	VER:	-80	-166	-152	-104	-71	-28	-23	-14	0.21
		HOR:	-380	-323	-195	-95	-47	4	14	0	
8N	10E	VER:	-75	-190	-175	-175	-75	-35	-15	-25	0.20
		HOR:	-430	-360	-225	-155	-125	-110	-135	-150	
8N	11E	VER:	-64	-176	-176	-123	-88	-47	-23	-17	0.17
		HOR:	-500	-388	-235	-141	-105	-88	-105	-129	
8N	12E	VER:	-46	-153	-166	-120	-93	-46	-33	-33	0.15
		HOR:	-300	-260	-153	-80	-53	-26	-26	13	

LINE	STAT		LOCP	A							
6N	6E	VER:	-182	-212	-145	-85	-47	-20	-10	-15	0.40
		HOR:	-275	-185	-85	-37	-22	-12	-7	-12	
6N	7E	VER:	-140	-185	-140	-88	-54	-25	-14	-11	0.35
		HOR:	-442	-285	-131	-57	-31	-17	-8	-8	
6N	8E	VER:	-119	-180	-145	-96	-58	-29	-19	-16	0.31
		HOR:	-264	-177	-90	-38	-22	-9	-12	-22	
6N	9E	VER:	-122	-188	-155	-103	-66	-29	-14	-7	0.27
		HOR:	-444	-296	-148	-74	-40	-18	-7	-14	
6N	10E	VER:	-130	-208	-173	-117	-78	-39	-21	-17	0.23
		HOR:	-347	-239	-134	-86	-65	-34	-30	-21	
6N	11E	VER:	-105	-190	-170	-120	-80	-45	-25	-25	0.20
		HOR:	-195	-145	-85	-50	-50	-40	-45	-140	
6N	14E	VER:	-47	-152	-158	-152	-82	-41	-23	-5	0.17
		HOR:	-223	-170	-94	-35	-5	0	-23	-41	
6N	15E	VER:	-61	-169	-184	-138	-92	-53	-30	-23	0.13
		HOR:	-423	-338	-215	-123	-61	-15	0	-15	
6N	16E	VER:	-186	-113	-133	-100	-66	-33	-13	-13	0.15
		HOR:	-346	-286	-186	-106	-73	-33	-26	-26	
6N	17E	VER:	-10	-120	-140	-110	-90	-40	-20	-40	0.10
		HOR:	-390	-350	-240	-120	-60	-10	0	0	

LINE	STAT		LOCP	A							
4N	6E	VER:	-145	-145	-93	-58	-33	-16	-10	-3	0.60
		HOR:	-183	-103	-45	-20	-11	-6	-10	-15	
4N	7E	VER:	-184	-184	-110	-63	-35	-17	-8	-5	0.57
		HOR:	-333	-192	-84	-42	-22	-14	-19	-31	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
4N	8E	VER:	-147	-163	-110	-69	-41	-19	-10	-8	0.46
		HOR:	-282	-176	-82	-39	-19	-8	-6	10	
4N	9E	VER:	-115	-155	-112	-70	-40	-20	-10	-10	0.40
		HOR:	-325	-225	-105	-50	-22	-5	-2	-7	
4N	10E	VER:	-94	-147	-117	-76	-47	-26	-14	-11	0.34
		HOR:	-323	-217	-108	-52	-32	-20	-14	-17	
4N	11E	VER:	-113	-163	-123	-93	-56	-46	-40	-33	0.30
		HOR:	-366	-216	-93	-40	-23	-16	-20	-30	
4N	12E	VER:	-72	-152	-136	-100	-68	-40	-24	-4	0.25
		HOR:	-440	-276	-128	-52	-24	0	4	0	
4N	13E	VER:	-33	-133	-133	-104	-76	-42	-28	-23	0.21
		HOR:	-457	-295	-166	-90	-47	-19	-19	-23	
4N	14E	VER:	-25	-120	-130	-95	-75	-40	-25	-15	0.20
		HOR:	-420	-310	-170	-85	-45	-15	-10	-30	
4N	15E	VER:	-26	-113	-126	-100	-73	-40	-20	-13	0.15
		HOR:	-420	-333	-213	-120	-73	-33	-26	-20	
4N	16E	VER:	6	-93	-120	-100	-73	-40	-33	-33	0.15
		HOR:	-340	-293	-186	-113	-66	-26	-13	-60	
4N	17E	VER:	-8	-108	-133	-116	-91	-58	-41	-25	0.12
		HOR:	-375	-325	-208	-125	-75	-41	-25	-8	
4N	18E	VER:	18	-100	-136	-109	-100	-54	-36	-18	0.11
		HOR:	-354	-309	-209	-118	-72	-36	-9	0	
4N	19E	VER:	10	-110	-150	-120	-100	-60	-40	-30	0.10
		HOR:	-410	-380	-250	-150	-90	-50	-40	-40	
4N	20E	VER:	166	-44	-144	-133	-111	-66	-33	-22	0.09
		HOR:	-400	-377	-266	-166	-122	-77	-88	-111	

LINE	STAT		LOCP	A							
2N	4E	VER:	-200	-140	-67	-34	-18	-7	-3	-2	1.00
		HOR:	-340	-115	-40	-17	-8	-2	-2	-3	
2N	5E	VER:	-180	-140	-71	-39	-22	-10	-6	-6	1.00
		HOR:	-190	-86	-34	-15	-7	-3	-4	-7	
2N	6E	VER:	-158	-132	-77	-42	-23	-9	-3	-2	0.98
		HOR:	-285	-112	-51	-22	-12	-7	-8	-9	
2N	7E	VER:	-164	-151	-88	-50	-29	-12	-5	-2	0.79
		HOR:	-253	-126	-51	-22	-12	-7	-7	-7	
2N	8E	VER:	-169	-154	-95	-58	-37	-19	-12	-9	0.62
		HOR:	-258	-148	-67	-30	-16	-9	-11	-9	
2N	9E	VER:	-143	-158	-107	-64	-39	-21	-9	-5	0.51
		HOR:	-411	-225	-82	-39	-25	-11	-9	-9	
2N	10E	VER:	-180	-190	-126	-78	-46	-21	-14	-12	0.41
		HOR:	-378	-231	-102	-46	-21	-7	-2	-2	
2N	11E	VER:	-117	-168	-125	-77	-48	-22	-11	-2	0.35
		HOR:	-414	-268	-128	-54	-28	-5	2	-2	
2N	12E	VER:	-63	-146	-123	-83	-56	-30	-16	-13	0.30
		HOR:	-500	-316	-150	-70	-40	-20	-20	-23	
2N	13E	VER:	-25	-120	-120	-87	-58	-25	-8	-8	0.24
		HOR:	-354	-241	-133	-66	-41	-12	-8	-16	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
2N	14E	VER:	-76	-157	-147	-100	-66	-28	-14	4	0.21
		HOR:	-361	-261	-142	-76	-47	-42	-42	-42	
2N	15E	VER:	-22	-122	-127	-100	-66	-38	-27	-22	0.18
		HOR:	-455	-344	-194	-100	-55	-22	-16	-11	
2N	16E	VER:	-31	-137	-150	-112	-81	-43	-18	-12	0.16
		HOR:	-431	-325	-181	-93	-37	0	18	12	
2N	17E	VER:	-28	-142	-157	-114	-85	-35	-21	-35	0.14
		HOR:	-442	-342	-192	-107	-64	-35	-35	-14	
2N	19E	VER:	1100	440	-150	-160	-100	-40	-10	-40	0.10
		HOR:	-350	-750	-500	-250	-140	-60	-30	-40	
2N	20E	VER:	890	830	-120	-150	-120	-80	-40	-30	0.10
		HOR:	-80	-690	-500	-260	-130	-50	-20	-10	

LINE	STAT		LOOP	A							
0	3E	VER:	-160	-90	-41	-21	-11	-4	-3	-2	1.00
		HOR:	-180	-58	-20	-7	-4	-1	0	1	
0	4E	VER:	-160	-105	-48	-25	-12	-5	-3	-2	1.00
		HOR:	-180	-70	-21	-5	3	9	5	-17	
0	5E	VER:	-160	-110	-58	-30	-16	-8	-6	-5	1.00
		HOR:	-210	-93	-33	-10	-4	2	6	6	
0	6E	VER:	-173	-142	-68	-36	-20	-8	-4	-1	0.98
		HOR:	-275	-112	-40	-16	-7	-2	-6	-3	
0	7E	VER:	-139	-126	-73	-40	-21	-10	-6	-2	0.79
		HOR:	-253	-121	-48	-17	-6	-2	-2	-15	
0	8E	VER:	-169	-147	-86	-47	-27	-13	-9	-6	0.65
		HOR:	-292	-144	-52	-21	-9	-3	-1	-1	
0	9E	VER:	-173	-165	-103	-59	-34	-17	-9	-5	0.52
		HOR:	-384	-211	-76	-34	-15	-3	-1	0	
0	10E	VER:	-185	-185	-119	-73	-41	-19	-12	-7	0.41
		HOR:	-317	-158	-60	-29	-14	-12	-14	-4	
0	11E	VER:	-102	-134	-102	-68	-45	-25	-20	-11	0.35
		HOR:	-342	-231	-102	-37	-20	2	-2	-8	
0	12E	VER:	-110	-153	-116	-80	-50	-23	-16	-13	0.30
		HOR:	-366	-226	-96	-40	-20	-3	0	-6	
0	13E	VER:	-112	-172	-140	-88	-52	-24	-12	-4	0.25
		HOR:	-360	-244	-112	-52	-32	4	24	28	
0	14E	VER:	-71	-142	-133	-90	-61	-28	-14	-4	0.21
		HOR:	-452	-276	-152	-71	-33	-19	19	-14	
0	15E	VER:	-106	-175	-156	-106	-68	-37	-31	-18	0.16
		HOR:	-550	-400	-212	-112	-56	-12	12	31	
0	16E	VER:	-60	-146	-146	-106	-80	-33	-13	6	0.15
		HOR:	-460	-340	-193	-113	-73	-53	-93	-160	
0	17E	VER:	-36	-136	-145	-127	-90	-45	-36	-9	0.11
		HOR:	-427	-318	-209	-127	-54	-18	-27	-36	
0	18E	VER:	16	-100	-125	-108	-83	-50	-33	-25	0.12
		HOR:	-400	-341	-208	-125	-75	-16	-33	-25	
0	19E	VER:	90	-60	-130	-110	-90	-50	-40	-10	0.10
		HOR:	-430	-360	-240	-150	-80	-30	-30	-50	

LINE	STAT		CHANNEL 1	2	3	4	5	6	7	8	GAIN
0	20E	VER:	155	-55	-122	-111	-100	-66	-44	-22	0.09
		HOR:	-455	-388	-266	-144	-100	-22	-22	33	

LOOP B

LINE	STAT										
0	3E	VER:	-95	-66	-32	-17	-10	-4	-3	-3	0.98
		HOR:	-107	-27	-9	-4	-2	0	5	21	
0	4E	VER:	-78	-54	-26	-14	-7	-3	-3	-3	1.00
		HOR:	-105	-25	-10	-9	-10	-10	-9	-5	
0	5E	VER:	-69	-41	-21	-12	-7	-3	-2	-2	1.00
		HOR:	-42	-10	-2	0	0	-1	-4	0	
0	6E	VER:	-61	-34	-18	-10	-6	-2	-2	-2	1.00
		HOR:	-19	-4	0	1	1	1	-3	-11	
0	7E	VER:	-62	-34	-17	-9	-6	-2	-2	-2	1.00
		HOR:	14	2	-1	0	-1	-1	-3	-4	
0	8E	VER:	-55	-28	-13	-7	-4	-1	-1	-1	1.00
		HOR:	7	-1	-2	-1	-1	0	0	-3	
0	9E	VER:	-52	27	-13	-7	-5	-2	-2	-2	1.00
		HOR:	-2	-2	-1	-1	0	0	-1	-2	
0	10E	VER:	-71	-34	-16	-8	-5	-2	-2	-3	1.00
		HOR:	-4	-1	-2	-1	-1	-1	-2	-4	
0	11E	VER:	-82	-38	-17	-9	-6	-2	-2	-1	1.00
		HOR:	-8	-4	-3	-1	-1	-1	-1	-3	
0	12E	VER:	-93	-44	-20	-10	-6	-2	-2	5	1.00
		HOR:	-24	-5	-2	-1	-1	-1	-1	-2	
0	13E	VER:	-105	-49	-21	-11	-6	-2	-2	-2	1.00
		HOR:	-38	-7	-3	-1	-1	0	-2	-3	
0	14E	VER:	-115	-60	-25	-13	-7	-3	-3	-3	1.00
		HOR:	-74	-14	-4	-2	-2	-1	-3	-4	
0	15E	VER:	-130	-71	-32	-17	-10	-4	-3	-2	1.00
		HOR:	-120	-28	-9	-3	-3	-2	-3	-4	
0	16E	VER:	-110	-70	-34	-19	-11	-5	-3	-2	1.00
		HOR:	-95	-25	-9	-5	-3	-3	-3	-3	
0	17E	VER:	-115	-79	-41	-22	-12	-5	-2	0	1.00
		HOR:	-140	-49	-21	-12	-8	-3	0	2	
0	18E	VER:	-119	-86	-44	-25	-14	-6	-2	2	0.92
		HOR:	-141	-52	-20	-6	-4	-1	0	-2	
0	19E	VER:	-129	-101	-53	-29	-18	-7	-3	-2	0.77
		HOR:	-194	-75	-25	-10	-7	-3	-2	1	
0	20E	VER:	-118	-111	-60	-32	-19	-9	-6	-4	0.61
		HOR:	-245	-104	-32	-16	-11	-3	-3	-3	

LOOP A

LINE	STAT										
2S	4W	VER:	-8	-5	-2	0	0	1	-1	-1	1.00
		HOR:	1	0	0	0	0	0	0	1	
2S	3W	VER:	-9	-6	-2	0	0	1	-1	-1	1.00
		HOR:	-2	-1	-1	0	0	0	-1	-1	
2S	2W	VER:	-15	-9	-4	-1	-1	0	-1	-1	1.00
		HOR:	-4	-1	0	1	1	1	-1	-1	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
2S	1W	VER:	-24	-11	-4	-1	0	1	-1	-1	1.00
		HOR:	-5	-1	-1	0	0	0	-1	-1	
2S	0	VER:	-44	-19	-7	-3	-1	0	-1	-1	1.00
		HOR:	-15	-4	-2	0	0	0	-1	-1	
2S	1E	VER:	-68	-31	-13	-6	-3	-1	-2	-2	1.00
		HOR:	-38	-11	-4	-2	-2	-1	-2	-1	
2S	2E	VER:	-105	-47	-19	-9	-5	-2	-2	-2	1.00
		HOR:	-88	-25	-9	-3	-1	0	0	0	
2S	3E	VER:	-145	-74	-30	-14	-7	-2	-2	-1	1.00
		HOR:	-210	-55	-15	-6	-3	0	-2	-2	
2S	4E	VER:	-145	-79	-35	-18	-10	-4	-3	-1	1.00
		HOR:	-110	-43	-15	-7	-4	-3	-4	-3	
2S	5E	VER:	-145	-100	-46	-24	-13	-5	-4	-2	1.00
		HOR:	-250	-87	-34	-12	-2	6	6	-8	
2S	6E	VER:	-130	-105	-52	-28	-16	-7	-5	-3	1.00
		HOR:	-245	-90	-32	-13	-6	-3	0	-2	
2S	7E	VER:	-177	-133	-71	-38	-21	-10	-6	-4	0.90
		HOR:	-322	-133	-46	-22	-8	-5	-4	-3	
2S	8E	VER:	-145	-135	-78	-45	-25	-11	-8	-5	0.70
		HOR:	-342	-137	-50	-25	-8	-8	-8	0	
2S	9E	VER:	-136	-143	-86	-51	-29	-12	-8	-5	0.58
		HOR:	-310	-132	-48	-20	-12	-5	-5	-1	
2S	10E	VER:	-102	-130	-87	-53	-30	-14	-8	0	0.49
		HOR:	-265	-146	-57	-24	-10	0	0	8	
2S	11E	VER:	-142	-165	-110	-67	-40	-20	-12	-5	0.40
		HOR:	-425	-240	-92	-42	-17	-12	-15	-5	
2S	12E	VER:	-115	-157	-115	-163	-42	-24	-15	-3	0.33
		HOR:	-309	-181	-87	-42	-30	-27	-27	-9	
2S	13E	VER:	-96	-152	-124	-84	-56	-28	-20	-12	0.25
		HOR:	-520	-336	-160	-76	-32	-8	-4	24	
2S	14E	VER:	-123	-190	-147	-95	-57	-23	-14	-19	0.21
		HOR:	-500	-338	-166	-85	-38	-23	-19	-9	
2S	15E	VER:	-72	-138	-133	-100	-61	-27	-16	0	0.18
		HOR:	-411	-288	-150	-72	-33	-5	22	55	
2S	16E	VER:	-20	-120	-126	-120	-73	-33	-20	0	0.15
		HOR:	-366	-280	-166	-100	-53	-26	-20	-6	
2S	17E	VER:	-46	-130	-130	-107	-76	-38	-30	-23	0.13
		HOR:	-400	-330	-192	-123	-46	-15	-15	-23	
2S	18E	VER:	-9	-109	-109	-136	-81	-54	-27	-9	0.11
		HOR:	-390	-300	-190	-100	-63	-9	18	-18	
2S	19E	VER:	100	-83	-150	-116	-83	-50	-50	-16	0.06
		HOR:	-450	-366	-233	-116	-50	-16	-16	-16	
2S	20E	VER:	160	-40	-120	-120	-120	-80	-60	-20	0.05
		HOR:	-500	-440	-280	-160	-80	-20	-20	0	

LINE	STAT		LOOP A								
4S	1E	VER:	-28	-14	-5	-2	-1	0	-1	-1	1.00
		HOR:	-26	-7	-3	-1	0	0	-1	0	

LINE	STAT	CHANNEL	1	2	3	4	5	6	7	8	GAIN
4S	2E	VER:	-72	-34	-14	-6	-3	-1	-2	-1	1.00
		HOR:	-49	-14	-4	-1	-1	0	-1	-1	
4S	3E	VER:	-100	-46	-19	-9	-4	-1	-1	-1	1.00
		HOR:	-72	-22	-8	-3	-1	0	-1	-2	
4S	4E	VER:	-115	-65	-27	-13	-7	-2	-2	-1	1.00
		HOR:	-100	-33	-10	-4	-2	0	-1	-1	
4S	5E	VER:	-155	-90	-41	-21	-11	-4	-3	-2	1.00
		HOR:	-210	-72	-25	-10	-3	0	1	4	
4S	6E	VER:	-145	-100	-48	-25	-13	-5	-2	-1	1.00
		HOR:	-200	-70	-21	-8	-3	-2	-2	-1	
4S	7E	VER:	-160	-120	-62	-34	-19	-9	-7	-3	1.00
		HOR:	-245	-88	-29	-9	-1	0	-1	-2	
4S	8E	VER:	-168	-131	-75	-42	-22	-10	-6	-2	0.95
		HOR:	-336	-131	-46	-16	-8	1	1	1	
4S	9E	VER:	-146	-140	-82	-48	-26	-13	-6	-2	0.75
		HOR:	-266	-133	-53	-24	-14	-8	-5	-2	
4S	10E	VER:	-123	-138	-86	-50	-27	-13	-7	-3	0.65
		HOR:	-292	-161	-67	-30	-13	-7	-7	-4	
4S	11E	VER:	-142	-157	-106	-66	-42	-22	-13	-8	0.45
		HOR:	-333	-206	-93	-44	-22	-11	-4	-2	
4S	12E	VER:	-125	-155	-110	-70	-42	-22	-15	-5	0.40
		HOR:	-350	-215	-97	-42	-20	-2	-5	-10	
4S	13E	VER:	-116	-167	-129	-87	-48	-22	-12	-3	0.31
		HOR:	-451	-290	-141	-64	-35	-19	-9	-12	
4S	14E	VER:	-45	-122	-113	-77	-45	-27	-13	-13	0.22
		HOR:	-445	-281	-131	-54	-31	-13	-9	-13	
4S	15E	VER:	40	-126	-133	-93	-60	-33	-20	-6	0.15
		HOR:	-373	-253	-126	-66	-40	-20	-13	-20	
4S	16E	VER:	-25	-100	-100	-83	-66	-33	-16	-16	0.12
		HOR:	-375	-266	-150	-83	-41	-33	-41	8	
4S	17E	VER:	20	-100	-130	-90	-70	-30	-20	0	0.10
		HOR:	-430	-330	-210	-110	-50	-30	-40	-30	
4S	18E	VER:	75	-100	-150	-125	-87	-50	-37	-25	0.08
		HOR:	-487	-375	-225	-150	-62	-50	-25	-25	
4S	19E	VER:	50	-83	-133	-133	-116	-50	-50	-33	0.06
		HOR:	-466	-350	-266	-116	-83	-50	-50	0	
4S	20E	VER:	100	-83	-150	-150	-100	-66	-33	-16	0.06
		HOR:	-466	-400	-233	-150	-66	-16	-16	-16	

LINE	STAT	LOCP B								
4S	5W	VER:	-69	-147	-94	-54	-30	-15	-7	-3	0.53
		HOR:	-207	-116	-37	-16	-7	0	1	-3	
4S	4W	VER:	-59	-137	-83	-48	-25	-12	-8	-4	0.62
		HOR:	-177	-83	-27	-8	1	9	9	8	
4S	3W	VER:	-13	-109	-66	-37	-21	-9	-6	-2	0.75
		HOR:	-200	-96	-33	-12	-5	-1	1	52	
4S	2W	VER:	28	-95	-56	-31	-17	-7	-4	-3	0.95
		HOR:	-189	-76	-21	-7	-1	2	2	6	

CHANNEL		1	2	3	4	5	6	7	8	GAIN
4S	1W VER:	26	-80	-45	-25	-14	-6	-4	-1	1.00
	HOR:	-160	-71	-20	-6	-3	0	-3	0	
4S	0 VER:	51	-67	-36	-20	-11	-5	-4	-2	1.00
	HOR:	-155	-44	-8	-2	-1	-2	-4	-5	

LINE	STAT		LOCP A								
6S	0	VER:	-11	-6	-3	-1	0	1	-1	-1	1.00
		HOR:	-5	-2	-1	0	0	0	-1	-1	
6S	1E	VER:	-27	-13	-5	-2	-1	0	-1	-1	1.00
		HOR:	-15	-4	-1	0	0	0	-1	-1	
6S	2E	VER:	-56	-27	-11	-5	-2	-1	-2	-1	1.00
		HOR:	-33	-9	-4	-2	-1	0	-1	-1	
6S	3E	VER:	-86	-41	-16	-8	-4	-1	-2	-1	1.00
		HOR:	-60	-15	-4	0	1	2	1	1	
6S	4E	VER:	-110	-58	-25	-12	-7	-3	-4	-3	1.00
		HOR:	-58	-18	-6	-2	0	0	-1	-2	
6S	5E	VER:	-144	-83	-36	-17	-8	-4	-3	-1	0.97
		HOR:	-123	-43	-12	-5	-1	1	1	2	
6S	6E	VER:	-169	-119	-53	-26	-14	-5	-5	-2	0.71
		HOR:	-40	-56	-78	-105	-63	-19	-28	-39	
6S	7E	VER:	-160	-107	-53	-28	-14	-5	-5	-1	0.56
		HOR:	-196	-85	-32	-14	-5	-1	-1	0	
6S	8E	VER:	-134	-104	-51	-39	-41	-39	-41	-2	0.41
		HOR:	-268	-117	-36	-4	-19	-26	-39	-17	
6S	9E	VER:	-136	-123	-73	-46	-26	-13	-10	-6	0.30
		HOR:	-253	-120	-53	-26	-16	-3	-3	6	
6S	10E	VER:	-152	-144	-96	-56	-32	-16	-12	-8	0.25
		HOR:	-352	-172	-68	-28	-12	-4	-12	-8	
6S	11E	VER:	128	-133	-90	-57	-33	-14	-9	-4	0.21
		HOR:	-304	-166	-71	-33	-14	-14	-4	4	
6S	12E	VER:	-100	-131	-94	-57	-36	-21	-15	0	0.19
		HOR:	-310	-184	-84	-47	-21	-10	-10	-21	
6S	13E	VER:	-100	-140	-113	-80	-53	-33	-26	0	0.15
		HOR:	-306	-193	-93	-53	-20	-6	-13	-6	
6S	14E	VER:	-100	-133	-116	-83	-50	-8	-8	0	0.12
		HOR:	-358	-241	-116	-66	-25	-8	-25	-16	
6S	15E	VER:	-63	-127	-118	-72	-45	-9	-9	-9	0.11
		HOR:	-309	-200	-109	-81	-63	-45	-45	-18	
6S	16E	VER:	0	-100	-120	-90	-70	-40	-30	-10	0.10
		HOR:	-390	-290	-160	-100	-70	-40	-50	-60	
6S	17E	VER:	11	-133	-155	-122	-100	-66	-55	-22	0.09
		HOR:	-433	-366	-322	-100	-33	11	66	177	
6S	18E	VER:	114	-85	-157	-142	-114	-71	-57	-28	0.07
		HOR:	-500	-457	-257	-157	-100	-57	-85	-85	
6S	19E	VER:	20	-90	-120	-110	-90	-60	-40	-20	0.10
		HOR:	-450	-400	-250	-140	-90	-30	-30	-30	
6S	20E	VER:	437	25	-150	-137	-112	-75	-50	0	0.08
		HOR:	-700	-687	-425	-212	-100	-62	-62	200	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
LINE	STAT		LOOP	B							
6S	6W	VER:	-82	-158	-107	-63	-39	-17	-12	-7	0.41
		HOR:	-231	-134	-68	-39	-31	-26	-26	-26	
6S	5W	VER:	-50	-137	-90	-52	-31	-15	-7	-3	0.51
		HOR:	-215	-127	-50	-21	-15	-13	-9	-3	
6S	4W	VER:	-1	-124	-78	-46	-27	-12	-7	-3	0.65
		HOR:	-215	-120	-41	-23	-16	-13	-12	-13	
6S	3W	VER:	79	-114	-68	-37	-20	-8	-6	-2	0.82
		HOR:	-207	-110	-28	-10	-7	-4	1	2	
6S	2W	VER:	64	-90	-52	-30	-17	-9	-6	-2	1.00
		HOR:	-180	-80	-21	-4	0	3	4	0	
6S	1W	VER:	53	-76	-40	-21	-11	-6	-4	-3	1.00
		HOR:	-160	-57	-13	-5	-3	-5	-8	-6	
LINE	STAT		LOOP	A							
8S	0	VER:	-14	-9	-4	-1	-1	1	0	-1	1.00
		HOR:	-4	-2	-1	0	0	0	-1	-2	
8S	1E	VER:	-38	-20	-9	-4	-2	0	-1	-2	1.00
		HOR:	-17	-6	-3	-1	-1	0	-1	-2	
8S	2E	VER:	-57	-30	-14	-7	-4	-1	-2	-2	1.00
		HOR:	0	-1	-1	0	-1	0	-1	-3	
8S	3E	VER:	-80	-45	-20	-10	-6	-2	-2	-2	1.00
		HOR:	-42	-11	-4	-4	-6	-6	-7	-5	
8S	4E	VER:	-130	-74	-33	-16	-9	-4	-3	-3	1.00
		HOR:	-110	-33	-11	-5	-3	-2	-2	-2	
8S	5E	VER:	-140	-84	-40	-20	-11	-4	-3	-2	1.00
		HOR:	-115	-44	-17	-7	-4	-2	-3	-4	
8S	6E	VER:	-145	-100	-49	-26	-15	-7	-4	-2	1.00
		HOR:	0	-1	-1	0	-1	0	-1	-5	
8S	7E	VER:	-172	-122	-63	-34	-20	-8	-4	-1	0.90
		HOR:	-255	-93	-28	-7	0	4	4	2	
8S	8E	VER:	-174	-143	-75	-39	-21	-9	-3	0	0.66
		HOR:	-287	-128	-50	-18	-6	0	3	-4	
8S	9E	VER:	-173	-153	-88	-48	-26	-11	-7	-9	0.52
		HOR:	-307	-138	-46	-25	-21	-21	-23	-3	
8S	10E	VER:	-140	-150	-95	-55	-32	-15	-7	-2	0.40
		HOR:	-375	-190	-80	-37	-17	-10	-10	-12	
8S	11E	VER:	-125	-148	-103	-64	-38	-19	-9	-3	0.31
		HOR:	-354	-200	-87	-38	-16	-3	-3	0	
8S	12E	VER:	-136	-160	-116	-72	-44	-20	-16	-12	0.25
		HOR:	-360	-216	-96	-40	-20	0	-8	-8	
8S	13E	VER:	-80	-140	-115	-75	-50	-25	-15	-10	0.20
		HOR:	-350	-220	-100	-50	-25	-5	0	10	
8S	14E	VER:	-73	-133	-126	-93	-60	-26	-13	-20	0.15
		HOR:	-420	-286	-140	-73	-40	-13	-6	-13	
8S	15E	VER:	-41	-108	-100	-91	-58	-25	-16	-8	0.12
		HOR:	-375	-266	-133	-66	-33	0	16	41	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
8S	16E	VER:	-30	-110	-120	-80	-60	-30	-10	-10	0.10
		HOR:	-320	-250	-140	-80	-40	-10	-10	-40	
8S	17E	VER:	75	-100	-137	-112	-87	-37	-25	-12	0.08
		HOR:	-475	-362	-225	-137	-100	-87	-112	-187	
8S	18E	VER:	83	-100	-150	-116	-100	-33	-33	-33	0.06
		HOR:	-533	-416	-250	-133	-83	-33	-33	-33	
8S	19E	VER:	60	-120	-160	-120	-100	-40	-40	-20	0.05
		HOR:	-440	-380	-240	-120	-80	-20	-40	-40	
8S	20E	VER:	70	-100	-150	-120	-100	-80	-70	-30	0.10
		HOR:	-470	-450	-260	-170	-90	-70	-90	-60	

LINE	STAT		LOOP	B							
8S	6W	VER:	10	-173	-113	-65	-36	-19	-8	-6	0.46
		HOR:	-239	-173	-60	-23	-10	-4	0	0	
8S	5W	VER:	-20	-131	-85	-50	-29	-14	-9	-7	0.54
		HOR:	-240	-148	-51	-22	-12	-11	-7	-7	
8S	4W	VER:	17	-120	-78	-45	-26	-10	-7	-3	0.64
		HOR:	-250	-140	-46	-20	-9	-3	-4	-3	
8S	3W	VER:	35	-101	-58	-32	-17	-9	-4	-2	0.85
		HOR:	-176	-76	-31	-23	-28	-35	-47	-54	
8S	2W	VER:	160	-98	-57	-30	-15	-5	-1	-3	1.00
		HOR:	-160	-110	-25	-8	-5	-1	3	9	
8S	1W	VER:	35	-70	-38	-20	-12	-5	-2	-2	1.00
		HOR:	-155	-55	-13	-4	0	3	4	29	
8S	0	VER:	-13	-54	-30	-20	-14	-7	-5	-2	1.00
		HOR:	-120	-33	-8	-3	-3	-1	-2	-1	

LINE	STAT		LOOP	A							
10S	7W	VER:	-41	-20	-8	-4	-5	0	-1	-1	1.00
		HOR:	5	1	0	0	0	0	-1	-1	
10S	6W	VER:	-35	-17	-7	-3	-1	0	-1	-1	1.00
		HOR:	21	5	1	1	0	0	-1	-1	
10S	5W	VER:	-20	-10	-4	-1	0	1	-1	-1	1.00
		HOR:	0	0	-1	0	0	0	-1	-1	
10S	4W	VER:	-16	-10	-4	-1	0	1	-1	-1	1.00
		HOR:	0	-1	-1	0	0	0	-1	-1	
10S	3W	VER:	-15	-9	-4	-1	-1	0	-1	-1	1.00
		HOR:	-4	-2	-1	0	0	0	-1	-1	
10S	2W	VER:	-21	-11	-5	-2	-1	1	-1	-1	1.00
		HOR:	-8	-3	-1	0	0	0	-1	-1	
10S	1W	VER:	-40	-20	-9	-4	-3	-1	-1	-1	1.00
		HOR:	-18	-4	-2	-1	0	0	-1	-2	
10S	0	VER:	-48	-24	-10	-4	-2	0	-1	-1	1.00
		HOR:	-7	-1	-1	0	0	0	-1	-1	
10S	1E	VER:	258	189	103	72	48	27	10	3	0.58
		HOR:	53	34	12	3	-1	-1	-5	-3	
10S	2E	VER:	311	222	124	88	57	35	22	8	0.45
		HOR:	71	42	13	6	-2	-2	-4	-15	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
10S	3E	VER:	-140	-78	-34	-16	-9	-4	-3	-2	1.00
		HOR:	-105	-32	-13	-7	-5	-6	-9	-11	
10S	4E	VER:	-130	-80	-38	-20	-10	-4	-3	-2	1.00
		HOR:	-150	-47	-16	-7	-4	-1	-2	0	
10S	5E	VER:	-170	-120	-55	-28	-15	-7	-4	-2	1.00
		HOR:	-250	-75	-25	-8	-5	-3	-2	-1	
10S	6E	VER:	-190	-140	-65	-35	-18	-8	-4	-2	1.00
		HOR:	-280	-93	-31	-14	-6	-2	-3	-2	
10S	7E	VER:	-175	-150	-75	-40	-22	-10	-6	-3	1.00
		HOR:	-375	-145	-49	-18	-6	3	1	1	
10S	8E	VER:	-129	-129	-72	-41	-23	-11	-7	-4	0.85
		HOR:	-376	-152	-56	-23	-10	-4	-5	-1	
10S	9E	VER:	-127	-127	-80	-49	-27	-13	-9	-3	0.65
		HOR:	-230	-116	-52	-24	-9	-6	0	-10	
10S	10E	VER:	-136	-145	-96	-58	-36	-18	-10	-7	0.55
		HOR:	-327	-181	-80	-36	-14	-5	-9	-5	
10S	11E	VER:	-148	-174	-110	-72	-42	-19	-6	2	0.47
		HOR:	-404	-212	-80	-42	-34	-27	-21	-2	
10S	13E	VER:	-64	-56	-45	-30	-18	-8	-5	-3	0.85
		HOR:	-182	-111	-52	-25	-14	-4	-3	2	
10S	14E	VER:	-59	-140	-125	-88	-55	-29	-18	-11	0.27
		HOR:	-444	-296	-133	-62	-37	-7	-7	-11	
10S	16E	VER:	-31	-131	-125	-100	-68	-37	-31	-31	0.16
		HOR:	393	312	175	106	62	18	0	-12	
10S	17E	VER:	-16	-125	-133	-116	-83	-41	-41	-25	0.12
		HOR:	-425	-333	-191	-100	-66	-33	-66	-58	
10S	18E	VER:	-18	-127	-136	-109	-81	-45	-45	-54	0.11
		HOR:	-463	-409	-245	-118	-63	9	36	45	
10S	19E	VER:	0	-110	-140	-120	-100	-50	-50	-30	0.10
		HOR:	-410	-380	-260	-100	-100	-40	-50	-50	
10S	20E	VER:	210	-10	-110	-110	-90	-60	-50	-50	0.10
		HOR:	-520	-550	-320	-160	-90	-30	-10	-10	

LINE	STAT		LCCP	B							
10S	7W	VER:	-116	-126	-83	-50	-30	-15	-7	-3	0.65
		HOR:	-169	-104	-43	-18	-12	-6	-4	-1	
10S	6W	VER:	-133	-136	-84	-50	-29	-13	-9	-4	0.65
		HOR:	-207	-103	-43	-18	-12	-6	-3	0	
10S	5W	VER:	-104	-121	-73	-42	-24	-12	-7	-6	0.82
		HOR:	-195	-85	-30	-10	-4	-1	-2	-7	
10S	4W	VER:	-100	-97	-56	-32	-18	-8	-4	-2	1.00
		HOR:	-140	-47	-11	-3	-1	0	0	1	
10S	3W	VER:	-100	-80	-48	-29	-17	-8	-4	-3	1.00
		HOR:	-99	-40	-14	-5	-5	-3	-2	-2	
10S	2W	VER:	-100	-82	-50	-31	-19	-9	-4	-2	1.00
		HOR:	-89	-33	-10	-4	-3	-3	-2	-4	
10S	1W	VER:	-90	-67	-40	-24	-15	-8	-5	-4	1.00
		HOR:	-93	-39	-15	-3	4	12	16	13	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
10S	0	VER:	-100	-79	-46	-27	-16	-7	-2	1	1.00
		HOR:	-100	-44	-17	-7	-2	3	3	3	
10S	1E	VER:	-140	-90	-52	-32	-20	-11	-6	-6	1.00
		HOR:	-75	-23	-6	-2	-2	-2	-3	-3	
10S	2E	VER:	-140	-95	-56	-35	-25	-12	-6	-8	1.00
		HOR:	-39	-9	0	3	3	3	0	-3	
10S	3E	VER:	-135	-86	-54	-36	-26	-16	-8	-7	1.00
		HOR:	-46	-16	-5	-1	-1	0	-2	-5	
10S	4E	VER:	-120	-84	-54	-38	-28	-17	-9	-5	1.00
		HOR:	-42	-20	-13	-10	-9	-7	-4	-3	
10S	5E	VER:	-240	-210	-190	-180	-150	-98	-47	-16	1.00
		HOR:	-120	-100	-100	-93	-80	-53	-27	0	

LINE STAT LOOP A

12S	5W	VER:	-69	-34	-15	-8	-4	-1	-2	-2	1.00
		HOR:	9	1	-1	0	0	0	0	1	
12S	4W	VER:	-64	-31	-13	-6	-3	-1	-2	-1	1.00
		HOR:	-11	-4	-2	-1	0	0	-1	-1	
12S	3W	VER:	-67	-32	-13	-6	-3	-1	-2	-1	1.00
		HOR:	-4	-2	-1	0	0	0	-1	-1	
12S	2W	VER:	-65	-32	-14	-7	-4	-1	-2	-1	1.00
		HOR:	2	1	0	0	0	0	-1	-1	
12S	1W	VER:	-96	-45	-18	-9	-5	-1	-2	-2	1.00
		HOR:	-45	-11	-4	-2	0	0	-1	-1	
12S	0	VER:	-92	-48	-21	-10	-6	-2	-2	-2	1.00
		HOR:	-24	-6	-3	-1	0	0	0	-1	
12S	1E	VER:	-106	-58	-25	-13	-6	-3	-2	-2	1.00
		HOR:	-70	-15	-5	-2	0	1	0	0	
12S	2E	VER:	-130	-74	-34	-16	-9	-4	-3	-2	1.00
		HOR:	-110	-35	-12	-5	-2	-1	-1	-2	
12S	3E	VER:	-140	-92	-41	-20	-10	-5	-3	-2	1.00
		HOR:	-170	-50	-15	-6	-2	0	-1	-2	
12S	4E	VER:	-160	-100	-50	-26	-14	-6	-4	-2	1.00
		HOR:	-130	-50	-17	-7	-3	-1	-2	-2	
12S	5E	VER:	-147	-110	-55	-29	-14	-6	-4	-1	0.95
		HOR:	-178	-73	-26	-10	-5	-2	-3	-3	
12S	6E	VER:	-175	-137	-70	-37	-20	-8	-5	-2	0.80
		HOR:	-187	-75	-25	-8	0	3	3	5	
12S	7E	VER:	-171	-128	-71	-42	-22	-10	-5	-1	0.70
		HOR:	-185	-85	-28	-14	0	0	0	1	
12S	8E	VER:	-166	-145	-80	-45	-24	-12	-8	-1	0.57
		HOR:	-219	-115	-45	-19	-10	-7	0	3	
12S	9E	VER:	-155	-153	-89	-51	-26	-14	-8	-2	0.49
		HOR:	-224	-124	-51	-16	-4	4	0	0	
12S	10E	VER:	-137	-142	-97	-57	-34	-17	-8	-2	0.35
		HOR:	-342	-211	-234	-45	-28	-17	-17	-14	
12S	11E	VER:	-141	-154	-103	-67	-45	-29	-25	-12	0.31
		HOR:	-338	-193	-80	-35	-16	-3	0	3	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
12S	12E	VER:	-114	-160	-117	-71	-42	-21	-14	-3	0.28
		HOR:	-332	-214	-100	-53	-28	-14	-10	-10	
12S	13E	VER:	-63	-131	-113	-77	-45	-27	-18	-13	0.22
		HOR:	-372	-245	-104	-40	-22	-9	-18	-13	
12S	15E	VER:	-20	-106	-100	-80	-53	-26	-20	0	0.15
		HOR:	-400	-300	-166	-86	-26	6	53	106	
12S	16E	VER:	-46	-146	-133	-100	-73	-33	-26	-6	0.15
		HOR:	-333	-266	-160	-100	-46	-20	-6	0	
12S	17E	VER:	30	-92	-115	-92	-69	-38	-23	-7	0.13
		HOR:	-423	-346	-207	-92	-61	-23	-23	-15	
12S	18E	VER:	-10	-120	-140	-120	-90	-50	-30	-20	0.10
		HOR:	-340	-290	-180	-100	-60	-30	-40	-70	
12S	19E	VER:	700	160	-140	-140	-90	-50	-30	0	0.10
		HOR:	110	-80	-140	-120	-70	-20	-10	10	
12S	20E	VER:	114	-85	-157	-157	-100	-28	0	-14	0.07
		HOR:	-685	-657	-428	-271	-171	-71	-100	-171	

LINE	STAT		LOOP	B							
12S	5W	VER:	-144	-140	-90	-54	-32	-18	-9	-6	0.61
		HOR:	-245	-108	-34	-11	-3	0	1	-4	
12S	4W	VER:	-118	-111	-67	-41	-23	-12	-7	-7	0.77
		HOR:	-149	-64	-19	-9	-6	-5	-5	-5	
12S	3W	VER:	-97	-91	-55	-32	-20	-11	-5	-5	0.98
		HOR:	-153	-60	-20	-8	-6	-5	-5	-10	
12S	2W	VER:	-91	-78	-45	-26	-15	-7	-3	-2	1.00
		HOR:	-140	-46	-15	-5	-1	-3	-6	-28	
12S	1W	VER:	-87	-65	-34	-18	-11	-5	-2	-2	1.00
		HOR:	-115	-36	-11	-4	-4	-3	-4	4	
12S	0	VER:	-74	-48	-25	-14	-8	-4	-3	-3	1.00
		HOR:	-95	-31	-11	-6	-5	-6	-10	0	
12S	1E	VER:	-75	-43	-22	-12	-9	-5	-4	-4	1.00
		HOR:	-78	-19	-5	-3	-4	-4	-5	0	
12S	2E	VER:	-75	-39	-19	-11	-7	-4	-2	-2	1.00
		HOR:	-70	-19	-6	1	4	5	5	-2	
12S	3E	VER:	-70	-32	-14	-8	-5	-3	-3	-3	1.00
		HOR:	-49	-8	-1	1	2	-1	13	41	
12S	4E	VER:	-43	-18	-8	-4	-2	-1	-1	-2	1.00
		HOR:	-18	-2	0	1	1	0	-2	-2	
12S	5E	VER:	-22	-9	-4	-1	0	0	-1	-1	1.00
		HOR:	-11	-3	-1	0	0	-1	1	2	
12S	6E	VER:	-23	-11	-6	-4	-3	-2	-2	-2	1.00
		HOR:	-8	-2	-1	-1	-1	-1	-2	-2	
12S	7E	VER:	-29	-14	-8	-5	-3	-2	-2	-1	1.00
		HOR:	4	-2	-3	-2	-1	-1	0	-1	
12S	8E	VER:	-32	-11	-5	-2	-1	0	-1	-2	1.00
		HOR:	4	1	0	1	0	-1	-1	-2	
12S	9E	VER:	-28	-9	-3	-1	0	1	0	-1	1.00
		HOR:	5	1	0	1	0	0	0	-1	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
12S	10E	VER:	-34	-11	-5	-2	-1	-1	-1	-2	1.00
		HOR:	-4	-2	-1	0	0	-1	-1	-1	
12S	11E	VER:	-33	-12	-5	-2	-1	0	-1	-2	1.00
		HOR:	-6	-1	0	1	1	0	0	-1	
12S	12E	VER:	-42	-15	-6	-3	-1	0	-1	-1	1.00
		HOR:	-12	-2	-1	0	0	-1	-3	-4	
12S	13E	VER:	-71	-25	-9	-4	-2	-1	-1	-2	1.00
		HOR:	-36	-6	-2	0	0	-1	-1	-2	
12S	14E	VER:	-80	-33	-14	-7	-4	-2	-2	-2	1.00
		HOR:	-40	-8	-2	0	0	0	-2	-1	
12S	15E	VER:	-88	-40	-17	-8	-5	-2	-2	-2	1.00
		HOR:	-81	-20	-6	-2	-1	-1	-2	-3	
12S	16E	VER:	-98	-48	-20	-10	-5	-3	-2	-1	1.00
		HOR:	-82	-20	-7	-3	-2	-2	-2	-1	
12S	17E	VER:	-110	-61	-28	-14	-9	-5	-4	-5	1.00
		HOR:	-120	-34	-10	-5	-3	-2	-2	-4	
12S	18E	VER:	-120	-76	-34	-18	-10	-5	-2	-2	1.00
		HOR:	-150	-49	-18	-10	-8	-8	-13	-18	
12S	19E	VER:	-110	-76	-38	-21	-12	-6	-4	-4	1.00
		HOR:	-150	-55	-21	-6	-2	1	2	1	
12S	20E	VER:	-115	-85	-44	-24	-12	-7	-3	-3	0.95
		HOR:	-200	-75	-27	-14	-10	-6	-6	-3	

LINE	STAT		LOOP A								
14S	6W	VER:	-85	-95	-43	-23	-13	-6	-5	-3	1.00
		HOR:	30	2	1	1	-8	-11	-21	-9	
14S	5W	VER:	-72	-82	-36	-18	-10	-4	-3	-3	1.00
		HOR:	110	29	5	4	0	-1	-3	-8	
14S	4W	VER:	-140	-85	-40	-23	-14	-6	-3	1	1.00
		HOR:	20	2	0	0	0	1	0	0	
14S	3W	VER:	-130	-75	-35	-18	-10	-4	-3	-4	1.00
		HOR:	30	13	3	1	0	-1	-7	-7	
14S	2W	VER:	-150	-84	-36	-18	-10	-3	-2	-2	1.00
		HOR:	-76	-16	-6	-2	-2	-2	-4	-5	
14S	1W	VER:	-140	-85	-38	-20	-11	-3	-3	-3	1.00
		HOR:	-110	-28	-10	-4	-3	-1	-2	-3	
14S	0	VER:	-140	-95	-42	-21	-12	-5	-4	-3	1.00
		HOR:	-110	-32	-11	-3	0	2	1	-2	
14S	1E	VER:	-150	-96	-49	-27	-16	-7	-5	-6	1.00
		HOR:	-130	-38	-14	-6	-3	-1	0	1	
14S	2E	VER:	-170	-120	-57	-31	-17	-7	-4	-2	1.00
		HOR:	-160	-48	-16	-4	0	1	4	-2	
14S	3E	VER:	-160	-120	-62	-34	-18	-7	-4	-4	1.00
		HOR:	-150	-42	-14	-6	-6	-3	-3	-2	
14S	4E	VER:	-166	-135	-72	-37	-19	-9	-5	-4	0.96
		HOR:	-218	-75	-23	-8	-2	3	0	-2	
14S	5E	VER:	-173	-146	-80	-42	-21	-8	-6	-1	0.75
		HOR:	-333	-120	-38	-14	-5	-2	-1	-6	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
14S	6E	VER:	-115	-184	-96	-52	-30	-13	-7	-6	0.65
		HOR:	-369	-146	-52	-24	-12	-7	-6	-4	
14S	7E	VER:	-163	-168	-94	-51	-27	-12	-6	-3	0.58
		HOR:	-189	-89	-34	-15	-10	-1	-5	1	
14S	8E	VER:	-172	-200	-110	-60	-32	-14	-8	-2	0.50
		HOR:	-300	-150	-60	-22	-6	4	2	0	
14S	9E	VER:	-134	-229	-134	-73	-41	-17	-12	-7	0.41
		HOR:	-439	-226	-90	-41	-19	-7	-9	-17	
14S	10E	VER:	-166	-181	-121	-72	-42	-21	-15	-9	0.33
		HOR:	-424	-257	-109	-51	-24	-6	-9	-12	
14S	11E	VER:	-86	-216	-150	-93	-60	-26	-20	-13	0.30
		HOR:	-583	-400	-136	-63	-23	-6	-3	6	
14S	12E	VER:	-125	-187	-145	-95	-62	-33	-20	-8	0.24
		HOR:	-395	-250	-112	-45	-16	0	0	0	
14S	13E	VER:	-90	-150	-125	-90	-55	-30	-20	-10	0.20
		HOR:	-440	-305	-170	-95	-45	-20	-20	-10	
14S	14E	VER:	-30	-155	-140	-110	-70	-40	-30	-15	0.20
		HOR:	-500	-370	-180	-85	-45	-15	-15	-15	
14S	15E	VER:	77	-122	-144	-105	-72	-33	-22	-5	0.18
		HOR:	-566	-411	-211	-111	-55	-33	-33	-33	
14S	17E	VER:	-4	-20	-21	-16	-12	-5	-4	-3	1.00
		HOR:	-48	-40	-25	-15	-10	-3	-3	-8	
14S	19E	VER:	40	-100	-140	-120	-100	-60	-40	-10	0.10
		HOR:	-430	-400	-280	-160	-120	-50	-40	-40	
14S	20E	VER:	250	-50	-183	-183	-133	-66	-50	-33	0.06
		HOR:	-666	-633	-433	-250	-166	-50	-33	-100	

LINE	STAT		LCCP	B							
16S	7W	VER:	-110	-160	-120	-80	-46	-23	-20	-16	0.30
		HOR:	-316	-183	-70	-23	-3	6	0	-10	
16S	6W	VER:	-57	-171	-122	-74	-45	-20	-17	-14	0.35
		HOR:	85	-194	-68	-25	-5	0	2	5	
16S	5W	VER:	-95	-139	-95	-60	-34	-14	-14	-7	0.41
		HOR:	-256	-114	-39	0	19	31	29	12	
16S	4W	VER:	-114	-125	-80	-51	-31	-14	-12	-12	0.47
		HOR:	-234	-117	-55	-34	-25	-10	-12	-2	
16S	3W	VER:	-103	-117	-71	-42	-25	-10	-7	-3	0.56
		HOR:	-241	-105	-35	-17	-10	-8	-17	-21	
16S	2W	VER:	-111	-111	-64	-38	-23	-10	-8	-8	0.67
		HOR:	-186	-65	-23	-5	-4	-4	-26	-29	
16S	1W	VER:	-118	-108	-58	-33	-18	-8	-6	-3	0.81
		HOR:	-222	-69	-20	-7	-2	1	-2	-1	
16S	0	VER:	-110	-89	-46	-26	-11	-5	-4	-3	1.00
		HOR:	-135	-42	-14	-5	-2	1	0	-1	
16S	1E	VER:	-120	-78	-40	-23	-13	-5	-4	-2	1.00
		HOR:	-175	-48	-15	-8	-7	-6	-8	-5	
16S	2E	VER:	-130	-72	-34	-18	-10	-3	-3	-2	1.00
		HOR:	-150	-38	-10	-3	-1	1	-2	-3	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
16S	3E	VER:	-130	-62	-30	-16	-9	-3	-3	-2	1.00
		HOR:	-92	-28	-9	0	2	5	2	-2	
16S	4E	VER:	-140	-58	-25	-14	-8	-3	-4	-4	1.00
		HOR:	-130	-30	-9	-4	-2	0	-3	-4	
16S	5E	VER:	-120	-52	-22	-11	-6	-2	-3	-3	1.00
		HOR:	-68	-17	-6	-3	-2	1	-1	-2	
16S	6E	VER:	-110	-47	-21	-11	-7	-2	-3	-4	1.00
		HOR:	-58	-12	-4	-1	-1	1	-3	-3	
16S	7E	VER:	-110	-44	-18	-10	-6	-2	-3	-3	1.00
		HOR:	39	2	-3	-2	-1	0	-2	-3	
16S	8E	VER:	-110	-52	-19	-9	-4	0	-4	-2	1.00
		HOR:	-5	-2	-3	0	0	3	-4	-5	
16S	9E	VER:	-110	-49	-18	-8	-4	1	-3	-1	1.00
		HOR:	-28	-3	-2	-1	0	1	-5	-4	
16S	10E	VER:	-110	-58	-20	-9	-4	1	-4	-2	1.00
		HOR:	-41	-8	-4	-2	-2	0	-5	-4	
16S	11E	VER:	-110	-61	-20	-8	-3	1	-3	-2	1.00
		HOR:	-58	-9	-4	-2	-1	1	-5	-3	
16S	12E	VER:	-130	-67	-24	-10	-3	2	-2	-1	1.00
		HOR:	-65	-14	-5	-2	-2	1	-5	-5	
16S	13E	VER:	-140	-68	-25	-11	-4	1	-2	1	1.00
		HOR:	-110	-22	-6	0	1	4	0	0	
16S	14E	VER:	-130	-95	-35	-16	-8	-1	-3	-2	1.00
		HOR:	-200	-48	-11	-4	-2	2	-3	-3	
16S	15E	VER:	-110	-95	-40	-18	-11	-4	-7	-4	1.00
		HOR:	-200	-51	-12	-4	-2	1	-3	-1	
16S	16E	VER:	-105	-95	-42	-21	-11	-4	-4	-3	1.00
		HOR:	-220	-56	-15	-7	-5	-4	-10	-5	
16S	17E	VER:	-118	-107	-49	-26	-16	-6	-9	-7	0.93
		HOR:	-204	-50	-12	-6	-6	-9	-3	-1	
16S	18E	VER:	-118	-112	-55	-28	-15	-6	-6	-3	0.80
		HOR:	-250	-88	-30	-13	-7	-2	-6	-5	
16S	19E	VER:	-131	-100	-51	-28	-18	-12	-12	-6	0.66
		HOR:	-166	-66	-24	-12	-9	-4	-7	-4	
16S	20E	VER:	-127	-108	-58	-31	-18	-6	-8	-5	0.58
		HOR:	-224	-105	-39	-18	-10	-1	-8	-5	

LINE	STAT		LOOP B								
18S	10W	VER:	-112	-187	-175	-125	-81	-37	-25	-12	0.16
		HOR:	-462	-312	-156	-87	-62	-37	-37	-18	
18S	9W	VER:	-105	-200	-168	-126	-84	-42	-36	-36	0.19
		HOR:	-431	-289	-147	-78	-63	-42	-68	-63	
18S	8W	VER:	-152	-209	-161	-114	-71	-28	-19	-9	0.21
		HOR:	-414	-261	-90	-19	19	52	66	85	
18S	7W	VER:	-134	-191	-147	-100	-65	-26	-21	-13	0.23
		HOR:	-326	-200	-91	-43	-21	-8	-13	-8	
18S	6W	VER:	-140	-177	-129	-85	-51	-25	-18	-18	0.27
		HOR:	-311	-162	-70	-33	-22	-11	-22	-22	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
18S	5W	VER:	-112	-148	-106	-64	-41	-19	-19	-16	0.31
		HOR:	-293	-148	-58	-22	-3	9	9	22	
18S	4W	VER:	-128	-157	-102	-65	-40	-17	-14	-8	0.35
		HOR:	-274	-131	-51	-20	-11	-5	-11	-14	
18S	3W	VER:	-121	-150	-88	-54	-33	-16	-16	-7	0.42
		HOR:	-261	-128	-42	-19	-9	0	-2	-2	
18S	2W	VER:	-108	-130	-78	-50	-30	-17	-17	-6	0.46
		HOR:	-213	-91	-32	-13	-6	0	0	-6	
18S	1W	VER:	-110	-140	-78	-45	-27	-10	-10	-9	0.55
		HOR:	-272	-100	-34	-21	-20	-18	-30	-38	
18S	0	VER:	-100	-129	-68	-40	-24	-9	-9	-4	0.61
		HOR:	-167	-59	-19	-11	-13	-16	-31	-47	
18S	1E	VER:	-131	-120	-61	-34	-21	-10	-10	-10	0.70
		HOR:	-185	-61	-17	-4	0	2	2	-2	
18S	2E	VER:	-98	-137	-60	-31	-17	-6	-5	1	0.80
		HOR:	-250	-72	-12	0	2	3	1	-10	
18S	3E	VER:	-125	-104	-45	-23	-18	-7	-6	4	0.88
		HOR:	-72	-30	-6	0	1	5	1	-1	
18S	4E	VER:	-101	-115	-44	-21	-11	-5	-4	0	0.95
		HOR:	-31	-52	-10	-2	0	-2	0	-1	
18S	5E	VER:	-132	-96	-40	-21	-11	-4	-3	0	0.98
		HOR:	-92	-37	-9	-3	-1	0	-2	-2	
18S	6E	VER:	-150	-83	-36	-18	-9	-4	-5	-3	1.00
		HOR:	45	11	-2	-2	-1	0	-9	-3	
18S	7E	VER:	-170	-100	-40	-20	-11	-4	-9	-3	1.00
		HOR:	23	5	-2	-2	-2	0	-9	1	
18S	8E	VER:	-140	-100	-38	-18	-10	-3	-9	-4	1.00
		HOR:	44	11	-1	-1	-1	0	-9	-4	
18S	9E	VER:	-130	-105	-40	-18	-10	-2	-8	-1	1.00
		HOR:	8	2	-2	0	-3	1	-7	-2	
18S	10E	VER:	-70	-130	-44	-21	-11	-3	-9	-3	1.00
		HOR:	-65	-7	-2	-3	-3	-3	-12	-7	
18S	11E	VER:	-80	-120	-45	-20	-10	-3	-9	-4	1.00
		HOR:	-97	-30	-8	-4	-2	1	-7	-5	
18S	12E	VER:	-114	-114	-48	-25	-11	-2	-5	0	0.96
		HOR:	-177	-52	-14	-6	-3	-1	-7	-5	
18S	13E	VER:	-177	-111	-48	-23	-11	-2	-5	-1	0.90
		HOR:	-200	-60	-20	-11	-7	-7	-16	-12	
18S	14E	VER:	-112	-129	-51	-27	-17	-9	-17	0	0.81
		HOR:	-185	-65	-18	-8	-3	-1	-9	0	
18S	15E	VER:	-64	-146	-61	-29	-14	-4	-9	-4	0.75
		HOR:	-266	-101	-26	-12	-8	-2	-10	-10	
18S	16E	VER:	-151	-113	-54	-27	-15	-4	-10	-4	0.66
		HOR:	-136	-48	-16	-6	-3	3	-3	-3	
18S	17E	VER:	-105	-120	-61	-30	-18	-7	-14	-1	0.55
		HOR:	-254	-100	-30	-14	-7	-1	-14	-7	
18S	18E	VER:	-114	-118	-68	-38	-20	-10	-14	-4	0.50
		HOR:	-250	-110	-42	-20	-10	-4	-10	-4	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
18S	19E	VER:	-115	-144	-80	-42	-24	-11	-17	-11	0.45
		HOR:	-322	-137	-48	-20	-11	-2	-15	-6	
18S	20E	VER:	-102	-142	-85	-48	-28	-14	-20	-14	0.35
		HOR:	-400	-185	-68	-28	-17	-2	-14	-11	

LINE	STAT		LOOP	B							
20S	8W	VER:	-157	-214	-171	-128	-71	-42	-71	-71	0.07
		HOR:	-328	-214	-128	-28	-28	-28	-100	-100	
20S	7W	VER:	-111	-177	-133	-88	-44	0	-33	-22	0.09
		HOR:	-333	-200	-100	-55	-44	-11	-55	11	
20S	6W	VER:	-130	-140	-110	-80	-50	-20	-60	-50	0.10
		HOR:	-230	-150	-80	-30	C	0	-50	-60	
20S	5W	VER:	-118	-136	-109	-81	-63	-36	-63	-54	0.11
		HOR:	-200	-136	-72	-36	-18	0	-45	-54	
20S	4W	VER:	-191	-166	-125	-83	-50	-16	-41	-41	0.12
		HOR:	-266	-158	-91	-41	-33	-33	-50	-25	
20S	3W	VER:	-166	-146	-93	-60	-26	-6	-26	-20	0.15
		HOR:	-253	-126	-66	-40	-26	-33	-73	-46	
20S	2W	VER:	-161	-133	-83	-55	-33	-5	-27	-16	0.18
		HOR:	-188	-100	-38	-11	5	22	-5	55	
20S	1W	VER:	-166	-138	-85	-52	-28	-9	-28	-14	0.21
		HOR:	-276	-109	-42	-9	-4	0	-19	42	
20S	0	VER:	-175	-125	-75	-45	-25	-8	-16	-12	0.24
		HOR:	-104	-62	-20	-4	8	20	0	-16	
20S	1E	VER:	-176	-116	-66	-36	-23	-6	-20	-13	0.30
		HOR:	-160	-66	-30	-10	-6	10	-13	-10	
20S	2E	VER:	-178	-118	-68	-43	-34	-18	-21	3	0.32
		HOR:	-31	-18	-6	0	3	-3	-15	-3	
20S	3E	VER:	-179	-110	-56	-33	-20	-5	-17	-12	0.39
		HOR:	-153	-64	-25	-10	0	10	-10	-10	
20S	4E	VER:	-200	-115	-56	-31	-15	-4	-13	-9	0.44
		HOR:	-86	-38	-15	-6	-2	2	-4	-4	
20S	5E	VER:	-206	-119	-56	-32	-13	-2	-13	-8	0.46
		HOR:	13	-4	-2	2	4	4	-8	0	
20S	6E	VER:	-178	-100	-48	-23	-12	-2	-10	-6	0.47
		HOR:	-42	-19	-4	0	4	6	-10	-10	
20S	7E	VER:	-206	-121	-56	-30	-15	-4	-15	-8	0.46
		HOR:	39	13	4	2	2	4	-13	-13	
20S	8E	VER:	-202	-120	-58	-27	-6	4	-2	-2	0.43
		HOR:	-4	2	0	2	4	9	0	2	
20S	9E	VER:	-204	-114	-53	-26	-12	-2	-14	-9	0.41
		HOR:	-39	-14	-7	-2	0	4	-7	-4	
20S	10E	VER:	-219	-126	-57	-28	-14	-4	-11	-11	0.42
		HOR:	-47	-14	-7	-4	-2	-4	-21	-33	
20S	11E	VER:	-169	-129	-58	-29	-15	-4	-10	-6	0.65
		HOR:	-126	-40	-15	-9	-6	-1	-10	-7	
20S	12E	VER:	-196	-125	-62	-32	-17	-7	-8	-5	0.56
		HOR:	-64	-17	-7	-7	-1	3	-7	-5	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
20S	13E	VER:	-178	-128	-62	-32	-17	-7	-12	-8	0.56
		HOR:	-100	-37	-17	-10	-3	-1	-8	-8	
20S	14E	VER:	-200	-136	-65	-32	-18	-7	-10	-5	0.55
		HOR:	-109	-47	-18	-9	-3	-1	-9	-10	
20S	15E	VER:	-176	-160	-84	-42	-20	-2	-8	-2	0.50
		HOR:	-96	-42	-20	-10	-4	-2	-10	-8	
20S	16E	VER:	-157	-137	-75	-40	-22	-8	-15	-6	0.45
		HOR:	-171	-68	-24	-13	-4	2	-8	-4	
20S	17E	VER:	-173	-158	-85	-43	-26	-7	-12	-4	0.41
		HOR:	-195	-82	-26	-17	-17	-17	-31	-19	
20S	18E	VER:	-150	-147	-83	-47	-27	-13	-19	-8	0.36
		HOR:	-236	-94	-44	-27	-19	-16	-27	-13	
20S	19E	VER:	-154	-158	-96	-58	-32	-12	-25	-16	0.31
		HOR:	-322	-148	-61	-29	-19	-12	-45	-161	
20S	20E	VER:	-131	-144	-93	-55	-27	-13	-24	-13	0.29
		HOR:	-303	-162	-72	-34	-13	-3	-13	-13	

LINE	STAT		LOOP	B							
22S	12W	VER:	-22	-200	-233	-188	-144	-111	0	-200	0.09
		HOR:	-555	-455	-255	-133	-66	-66	0	-233	
22S	11W	VER:	-40	-220	-250	-190	-140	-110	0	-160	0.10
		HOR:	-570	-460	-280	-130	-80	-90	0	-180	
22S	10W	VER:	-88	-77	-205	-138	-122	-283	-111	-305	0.18
		HOR:	-327	-277	-222	-111	-111	-244	0	-305	
22S	9W	VER:	-140	-113	-240	-166	-160	-340	0	-400	0.15
		HOR:	-373	-273	-220	-113	-120	-326	0	-406	
22S	8W	VER:	-122	-83	-183	-105	-94	-250	0	-272	0.18
		HOR:	-366	-277	-233	-116	-105	-261	0	-288	
22S	7W	VER:	-116	-38	-188	-111	-94	-233	0	-277	0.18
		HOR:	-383	-272	-166	-61	-55	-177	0	-133	
22S	6W	VER:	-147	-152	-166	-109	-95	-190	0	-285	0.21
		HOR:	-300	-209	-128	-66	-66	-176	0	-285	
22S	5W	VER:	-157	-176	-171	-114	-85	-171	0	-271	0.21
		HOR:	-242	-176	-128	-57	-38	-133	0	-309	
22S	4W	VER:	-170	-200	-175	-104	-83	-162	0	-250	0.24
		HOR:	-225	-133	-87	-33	-16	-95	0	-208	
22S	3W	VER:	-176	-184	-156	-88	-76	-112	0	-200	0.25
		HOR:	-256	-160	-100	-36	-28	-8	0	-192	
22S	2W	VER:	-211	-188	-148	-81	-66	-92	0	-170	0.27
		HOR:	-237	-133	-88	-33	-14	-66	0	-174	
22S	1W	VER:	-190	-177	-138	-67	-51	-83	0	-135	0.31
		HOR:	-177	-96	-67	-22	-19	-58	0	-145	
22S	0	VER:	-188	-161	-120	-64	-47	-73	0	-111	0.34
		HOR:	-132	-79	-55	-17	-5	-47	0	-114	
22S	1E	VER:	-197	-156	-110	-56	-37	-56	0	-83	0.37
		HOR:	-208	-108	-67	-24	-10	-37	0	-129	
22S	2E	VER:	-205	-160	-107	-55	-35	-52	0	-87	0.40
		HOR:	-167	-85	-50	-17	-12	-45	0	-90	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
22S	3E	VER:	-204	-150	-100	-50	-31	-45	0	-68	0.44
		HOR:	-125	-59	-38	-11	-2	-38	0	-59	
22S	4E	VER:	-204	-148	-95	-46	-27	-42	0	-53	0.47
		HOR:	-74	-44	-34	-12	0	-12	0	-51	
22S	5E	VER:	-210	-144	-90	-44	-30	-52	0	-62	0.50
		HOR:	-86	-40	-24	-8	0	-40	0	-54	
22S	6E	VER:	-220	-150	-90	-48	-28	-42	0	-38	0.50
		HOR:	-126	-60	-34	-12	-6	-34	0	-28	
22S	7E	VER:	-211	-138	-80	-40	-21	-32	0	-26	0.52
		HOR:	25	1	-17	-1	1	-23	0	-25	
22S	8E	VER:	-230	-153	-86	-44	-21	-34	0	-30	0.52
		HOR:	11	1	-19	-11	-11	-36	0	-111	
22S	9E	VER:	-215	-139	-82	-43	-23	-35	0	-35	0.51
		HOR:	-62	-31	-25	-1	9	-11	0	-23	
22S	10E	VER:	-201	-144	-84	-42	-23	-34	0	-34	0.52
		HOR:	-59	-19	-15	-5	-1	-23	0	-30	
22S	11E	VER:	-193	-136	-81	-40	-18	-30	0	-34	0.49
		HOR:	-30	-18	-20	-6	6	-14	0	-40	
22S	12E	VER:	-222	-155	-88	-44	-24	-33	0	-37	0.45
		HOR:	-17	-15	-17	-8	8	-13	0	6	
22S	13E	VER:	-195	-153	-95	-48	-26	-36	0	-46	0.41
		HOR:	-85	-36	-21	-7	2	-19	0	-43	
22S	14E	VER:	-180	-150	-92	-47	-20	-35	0	-45	0.40
		HOR:	-110	-57	-32	-15	2	-22	0	-40	
22S	15E	VER:	-179	-161	-102	-55	-35	-50	0	-82	0.34
		HOR:	-111	-58	-38	-14	-11	-38	0	-82	
22S	16E	VER:	-225	-184	-118	-56	-34	-34	0	-56	0.32
		HOR:	-159	-90	-65	-53	-62	-109	0	-240	
22S	17E	VER:	-173	-156	-103	-53	-30	-50	0	-100	0.30
		HOR:	-166	-100	-60	-3	33	16	0	-110	
22S	18E	VER:	-178	-175	-117	-64	-32	-50	0	-125	0.28
		HOR:	-185	-103	-53	-21	-21	-42	0	-125	
22S	19E	VER:	-160	-168	-120	-64	-48	-44	0	-100	0.25
		HOR:	-260	-144	-84	-40	-36	-48	0	-100	
22S	20E	VER:	-152	-165	-121	-65	-47	-47	0	-86	0.23
		HOR:	-304	-165	-86	-52	-43	-56	0	-86	

LINE	STAT		LOCP	B							
24S	12W	VER:	25	-137	-200	-162	-125	-125	0	-225	0.08
		HOR:	-487	-412	-275	-137	-87	-125	0	-312	
24S	11W	VER:	-33	-188	-222	-177	-111	-111	0	-200	0.09
		HOR:	488	344	166	77	33	-44	0	-177	
24S	10W	VER:	-100	-160	-170	-140	-120	-110	0	-150	0.10
		HOR:	-280	-180	-130	-70	-30	-40	0	-100	
24S	9W	VER:	-100	-154	-163	-109	-90	-72	0	-100	0.11
		HOR:	-327	-254	-154	-90	-81	-63	0	-136	
24S	8W	VER:	-127	-172	-172	-118	-100	-90	0	-118	0.11
		HOR:	-336	-245	-145	-54	-27	0	0	-90	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
24S	7W	VER:	-183	-233	-208	-150	-116	-100	0	-100	0.12
		HOR:	-358	-250	-141	-66	-66	-91	0	-25	
24S	6W	VER:	-140	-173	-146	-93	-66	-66	0	-120	0.15
		HOR:	-200	-146	-80	-46	-33	-53	0	-100	
24S	5W	VER:	-142	-185	-171	-121	-85	-92	0	-164	0.14
		HOR:	-342	-228	-142	-78	-64	-85	0	-171	
24S	4W	VER:	-200	-200	-164	-100	-76	-70	0	-147	0.17
		HOR:	-264	-152	-82	-29	-17	-35	0	-94	
24S	3W	VER:	-188	-188	-155	-94	-72	-72	0	-127	0.18
		HOR:	-244	-144	-77	-33	-27	-50	0	-150	
24S	2W	VER:	-175	-175	-135	-80	-55	-65	0	-135	0.20
		HOR:	-215	-125	-70	-35	-40	-65	0	-150	
24S	1W	VER:	-195	-185	-145	-90	-85	-85	0	-150	0.20
		HOR:	-215	-125	-75	-50	-40	-85	0	-175	
24S	0	VER:	-208	-191	-125	-70	-54	-41	0	-112	0.24
		HOR:	-241	-129	-58	-20	-8	-12	0	-87	
24S	1E	VER:	-204	-183	-125	-75	-54	-54	0	-129	0.24
		HOR:	-129	-79	-41	-16	-8	-29	0	-158	
24S	2E	VER:	-185	-162	-107	-66	-37	-29	0	-103	0.27
		HOR:	-140	-81	-40	-7	7	0	0	-107	
24S	3E	VER:	-220	-175	-106	-65	-51	-34	0	-117	0.29
		HOR:	-10	-17	-10	0	3	-6	0	-103	
24S	4E	VER:	-217	-175	-106	-65	-55	-37	0	-148	0.29
		HOR:	-117	-62	-31	-13	-13	-17	0	-155	
24S	5E	VER:	-219	-187	-106	-58	-48	-29	0	-122	0.31
		HOR:	-67	-29	-16	-12	-22	-19	0	-132	
24S	6E	VER:	-221	-175	-100	-56	-53	-37	0	-143	0.32
		HOR:	-78	-43	-28	-12	-25	-25	0	-156	
24S	7E	VER:	-190	-156	-93	-50	-46	-31	0	-128	0.32
		HOR:	75	37	3	0	-9	-12	0	12	
24S	8E	VER:	-215	-165	-100	-56	-37	-34	0	-125	0.32
		HOR:	65	37	3	0	-12	-21	0	-159	
24S	9E	VER:	-209	-167	-100	-51	-41	-32	0	-125	0.31
		HOR:	-16	-9	-16	-6	-19	-35	0	-148	
24S	10E	VER:	-225	-187	-112	-61	-48	-48	0	-138	0.31
		HOR:	12	-3	-12	-6	-19	-35	0	-154	
24S	11E	VER:	-183	-161	-103	-58	-45	-51	0	-119	0.31
		HOR:	-61	-29	-22	-12	-22	-38	0	-125	
24S	12E	VER:	-190	-170	-103	-54	-48	-64	0	-112	0.31
		HOR:	-77	-45	-32	-19	-16	-45	0	-112	
24S	13E	VER:	-196	-178	-114	-67	-50	-53	0	-89	0.28
		HOR:	-85	-42	-28	-10	-10	-25	0	-110	
24S	14E	VER:	-196	-175	-110	-64	-50	-50	0	-89	0.28
		HOR:	-82	-39	-28	-21	-35	-46	0	-82	
24S	15E	VER:	-224	-204	-136	-72	-48	-44	0	-92	0.25
		HOR:	-120	-68	-44	-20	-24	-28	0	-112	
24S	16E	VER:	-195	-182	-126	-69	-52	-60	0	-134	0.23
		HOR:	-221	-130	-69	-30	-30	-39	0	-134	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
24S	17E	VER:	-181	-172	-118	-63	-5C	-45	0	-90	0.22
		HOR:	-172	-104	-63	-31	-31	-36	0	-50	
24S	18E	VER:	-185	-185	-133	-76	-57	-52	0	-123	0.21
		HCR:	-223	-133	-71	-42	-42	-52	0	-142	
24S	19E	VER:	-152	-178	-131	-63	-52	-57	0	-205	0.19
		HCR:	-205	-131	-73	-31	-42	-42	0	-205	
24S	20E	VER:	-138	-172	-138	-77	-61	-61	0	-188	0.18
		HOR:	-227	-155	-88	-38	-38	-61	0	-183	

LINE STAT LOOP B

26S	13W	VER:	-600	-128	-228	-214	-171	-100	-71	-57	0.07
		HOR:	-642	-585	-371	-200	-114	-28	-14	-71	
26S	12W	VER:	-12	-137	-187	-150	-125	-75	-50	-50	0.08
		HOR:	-475	-412	-237	-125	-50	-12	62	62	
26S	11W	VER:	-33	-155	-177	-155	-111	-66	-44	-22	0.09
		HOR:	-477	-388	-211	-77	-22	11	33	33	
26S	10W	VER:	-11	-133	-155	-133	-100	-66	-33	-33	0.09
		HOR:	-533	-455	-277	-155	-100	-66	-33	-22	
26S	9W	VER:	-63	-136	-136	-109	-81	-54	-27	-27	0.11
		HOR:	-372	-300	-181	-100	-72	-45	-27	-27	
26S	8W	VER:	-100	-154	-145	-127	-109	-100	-90	-27	0.11
		HCR:	-372	-281	-163	-81	-54	-45	-72	-72	
26S	7W	VER:	-133	-175	-166	-125	-91	-58	-50	-58	0.12
		HOR:	-333	-258	-141	-83	-50	-33	-8	-50	
26S	6W	VER:	-166	-216	-183	-133	-91	-41	-16	-25	0.12
		HOR:	-333	-233	-141	-83	-58	-50	-33	-25	
26S	5W	VER:	-135	-157	-142	-100	-71	-42	-28	-21	0.14
		HOR:	-228	-185	-100	-57	-42	-14	-21	-7	
26S	4W	VER:	-112	-150	-125	-93	-68	-50	-37	-43	0.16
		HOR:	-262	-187	-100	-62	-37	-25	-18	-6	
26S	3W	VER:	-152	-170	-135	-94	-64	-35	-23	-5	0.17
		HOR:	-205	-147	-76	-41	-17	-11	-11	-17	
26S	2W	VER:	-176	-194	-147	-100	-70	-35	-23	-29	0.17
		HOR:	-300	-205	-111	-29	17	47	52	5	
26S	1W	VER:	-183	-188	-138	-94	-66	-33	-22	-5	0.18
		HCR:	-177	-116	-61	-27	-16	-16	-22	-38	
26S	0	VER:	-185	-176	-128	-85	-52	-28	-19	-9	0.21
		HOR:	-176	-104	-47	-23	-19	-9	-23	-23	
26S	1E	VER:	-190	-185	-128	-85	-57	-28	-19	-14	0.21
		HOR:	-161	-114	-61	-33	-28	-28	-42	-33	
26S	2E	VER:	-179	-166	-112	-70	-45	-29	-16	-8	0.24
		HOR:	-187	-104	-41	-16	-8	-4	-4	-4	
26S	3E	VER:	-203	-184	-119	-80	-57	-42	-34	-38	0.26
		HOR:	-115	-69	-30	-19	-15	-19	-34	-38	
26S	4E	VER:	-219	-188	-119	-73	-50	-23	-11	-7	0.26
		HOR:	-130	-76	-34	-19	-11	-3	0	11	
26S	5E	VER:	-222	-192	-114	-74	-44	-25	-22	-14	0.27
		HOR:	-129	-77	-40	-11	-3	-3	-7	-18	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
26S	6E	VER:	-214	-178	-110	-67	-42	-25	-17	-17	0.28
		HOR:	-107	-71	-46	-39	-42	-57	-85	-110	
26S	7E	VER:	-235	-196	-117	-67	-46	-17	-7	3	0.28
		HOR:	-39	-28	-17	10	28	50	46	0	
26S	8E	VER:	-175	-157	-100	-60	-39	-17	-10	-3	0.28
		HOR:	28	10	0	-7	-10	-17	-21	-28	
26S	9E	VER:	-200	-177	-111	-70	-44	-22	-11	-3	0.27
		HOR:	-22	-14	-14	-7	-11	-3	-7	-14	
26S	10E	VER:	-203	-177	-111	-66	-40	-22	-14	-18	0.27
		HOR:	0	-7	-3	-11	-3	-7	-18	-14	
26S	11E	VER:	-196	-184	-119	-73	-50	-23	-15	-15	0.26
		HOR:	23	11	3	3	0	-3	-11	-23	
26S	12E	VER:	-208	-184	-116	-68	-44	-20	0	16	0.25
		HOR:	-96	-60	-32	-24	-12	-4	-4	-12	
26S	13E	VER:	-176	-168	-112	-68	-44	-24	-12	-8	0.25
		HOR:	-136	-84	-44	-24	-12	0	16	-4	
26S	14E	VER:	-207	-185	-114	-66	-40	-18	-11	-3	0.27
		HOR:	-144	-74	-22	7	22	55	92	59	
26S	15E	VER:	-200	-184	-120	-72	-44	-28	-20	-24	0.25
		HOR:	-240	-136	-68	-40	-32	-20	-12	0	
26S	16E	VER:	-200	-188	-120	-72	-44	-24	-12	-12	0.25
		HOR:	-200	-124	-68	-32	-16	-4	-4	4	
26S	17E	VER:	-159	-168	-122	-77	-50	-31	-18	-18	0.22
		HOR:	-127	-72	-40	-22	-22	-27	-31	-36	
26S	18E	VER:	-157	-166	-119	-76	-52	-23	-9	-9	0.21
		HOR:	-157	-90	-47	-19	-9	-9	-4	-14	
26S	19E	VER:	-138	-166	-119	-71	-47	-23	-14	-14	0.21
		HOR:	-142	-95	-47	-19	-19	-9	-14	-52	
26S	20E	VER:	-121	-168	-131	-84	-57	-21	-10	-10	0.19
		HOR:	-284	-184	-94	-47	-31	-10	-5	10	

LINE	STAT		LCCP	B							
28S	15W	VER:	325	50	-150	-200	-200	-150	-150	-225	0.04
		HOR:	-525	-475	-375	-225	-150	-75	-50	-25	
28S	14W	VER:	275	50	-150	-200	-175	-125	-50	25	0.04
		HOR:	-725	-700	-500	-325	-200	-125	25	200	
28S	13W	VER:	140	-40	-180	-180	-160	-60	0	-20	0.05
		HOR:	-520	-480	-320	-200	-140	-60	20	800	
28S	12W	VER:	80	-100	-200	-200	-180	-100	-60	-60	0.05
		HOR:	-520	-460	-300	-180	-80	-40	0	60	
28S	11W	VER:	33	-100	-183	-183	-150	-100	-50	-16	0.06
		HOR:	-366	-333	-216	-116	-100	-66	-33	-66	
28S	10W	VER:	-14	-114	-214	-214	-214	-171	-114	-14	0.07
		HOR:	-457	-385	-257	-157	-128	-128	-57	-100	
28S	9W	VER:	-42	-157	-185	-157	-128	-85	-28	-42	0.07
		HOR:	-471	-414	-242	-128	-71	-57	-57	-85	
28S	8W	VER:	-50	-162	-175	-150	-125	-75	-37	-25	0.08
		HOR:	-337	-275	-137	-75	-37	-50	-25	-50	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
28S	7W	VER:	-500	-137	-150	-137	-112	-75	-37	-37	0.08
		HOR:	-237	-187	-112	-87	-150	-225	-262	-237	
28S	6W	VER:	-122	-188	-166	-122	-100	-66	-44	-44	0.09
		HOR:	-244	-188	-133	-77	-66	-44	-33	-33	
28S	5W	VER:	-100	-188	-177	-144	-111	-77	-44	-66	0.09
		HOR:	-344	-277	-155	-100	-66	-44	-33	-77	
28S	4W	VER:	-160	-210	-190	-140	-100	-60	-30	-20	0.10
		HOR:	-270	-230	-140	-70	-40	-40	-60	-60	
28S	3W	VER:	-145	-190	-172	-127	-100	-63	-45	-27	0.11
		HOR:	-200	-172	-100	-63	-45	-27	-9	-9	
28S	2W	VER:	-163	-218	-181	-127	-100	-45	-9	-9	0.11
		HOR:	-309	-190	-100	-63	-54	-45	-36	-9	
28S	1W	VER:	-208	-225	-175	-125	-83	-41	-16	-16	0.12
		HOR:	-275	-208	-108	-66	-50	-33	-25	-66	
28S	0	VER:	-175	-200	-158	-108	-83	-50	-25	-16	0.12
		HOR:	-275	-200	-100	-58	-25	-8	-16	-16	
28S	1E	VER:	-200	-215	-161	-115	-76	-46	-7	0	0.13
		HOR:	-215	-169	-76	-23	15	30	38	-7	
28S	2E	VER:	-176	-169	-146	-115	-84	-69	-38	15	0.13
		HOR:	-215	-130	-69	-38	-30	-30	-23	0	
28S	3E	VER:	-233	-233	-241	-166	-116	-75	-41	-33	0.12
		HOR:	-233	-158	-75	-33	-25	-16	-8	-41	
28S	4E	VER:	-166	-186	-126	-86	-60	-40	-26	-26	0.15
		HOR:	-120	-86	-46	-20	-13	-20	-33	-273	
28S	5E	VER:	-206	-213	-153	-106	-66	-46	-26	-26	0.15
		HOR:	-120	-73	-40	-33	-20	-26	-33	-6	
28S	6E	VER:	-206	-206	-137	-93	-62	-43	-31	-43	0.16
		HOR:	-37	-31	-18	-6	-6	-6	-6	-25	
28S	7E	VER:	-225	-218	-143	-93	-56	-31	0	18	0.16
		HOR:	-68	-50	-43	-25	-12	12	31	-6	
28S	8E	VER:	-187	-193	-137	-87	-50	-37	-6	-18	0.16
		HOR:	-25	-18	-12	0	6	-12	-18	-50	
28S	9E	VER:	-213	-206	-140	-86	-53	-26	0	26	0.15
		HOR:	-20	6	-40	-53	-80	-100	-100	-6	
28S	10E	VER:	-186	-193	-120	-93	-93	-100	-100	-86	0.15
		HOR:	-93	-53	0	40	46	46	46	-40	
28S	11E	VER:	-200	-213	-153	-106	-66	-46	-26	-26	0.15
		HOR:	-126	-93	-53	-26	-26	-26	-26	-53	
28S	12E	VER:	-200	-214	-142	-100	-64	-35	-7	7	0.14
		HOR:	-42	-35	-35	-35	-35	-50	-71	-107	
28S	13E	VER:	-207	-200	-150	-100	-64	-50	-28	-14	0.14
		HOR:	-121	-92	-64	-28	-35	-35	-35	-28	
28S	14E	VER:	-230	-230	-153	-92	-61	-46	-23	-23	0.13
		HOR:	-130	-84	-46	-15	7	15	15	0	
28S	15E	VER:	-233	-241	-183	-133	-108	-91	-83	-66	0.12
		HOR:	-133	-83	-50	-33	-33	-41	-50	-75	
28S	16E	VER:	-245	-245	-181	-109	-81	-63	-54	-63	0.11
		HOR:	-190	-118	-63	-36	-18	-9	-9	-36	

CHANNEL		1	2	3	4	5	6	7	8	GAIN
28S	17E VER:	-170	-190	-150	-110	-80	-70	-50	-30	0.10
	HOR:	-210	-150	-90	-50	-40	-50	-40	-110	
28S	18E VER:	-160	-190	-150	-100	-70	-50	-40	-30	0.10
	HOR:	-340	-240	-110	-60	-30	-20	-10	-50	
28S	19E VER:	-110	-190	-160	-120	-90	-60	-40	-30	0.10
	HOR:	-350	-240	-130	-70	-30	-30	-30	-10	
28S	20E VER:	-100	-210	-170	-110	-70	-50	-30	0	0.10
	HOR:	-310	-230	-120	-70	-30	-20	-10	0	

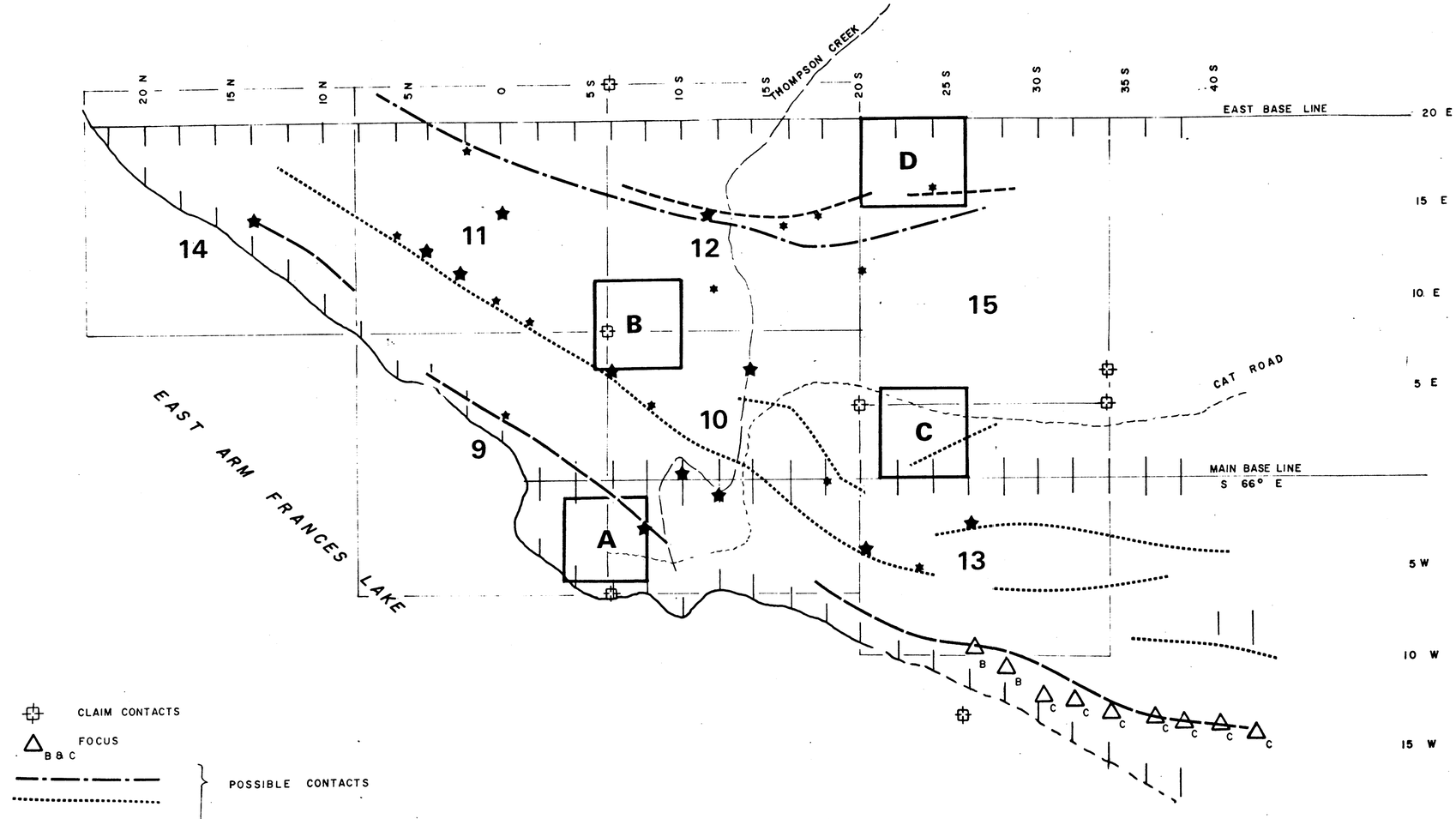
LINE	STAT		LOOP	C						
28S	15W	VER:	44	-59	-88	-74	-44	-29	-14	0	0.27
		HOR:	-288	-196	-100	-48	-29	-7	-3	-3	
28S	14W	VER:	25	-64	-87	-64	-41	-25	-12	-3	0.31
		HOR:	451	209	96	54	19	6	-3	19	
28S	13W	VER:	-46	-97	-85	-58	-34	-21	-14	-4	0.41
		HOR:	-292	-170	-68	-24	-9	-4	-9	-14	
28S	12W	VER:	-72	-96	-72	-46	-24	-14	-8	-6	0.50
		HOR:	-260	-144	-56	-22	-10	-6	-2	-4	
28S	11W	VER:	-114	-109	-68	-40	-22	-11	-6	-3	0.61
		HOR:	-180	-86	-29	-9	-3	-1	3	6	
28S	10W	VER:	-143	-110	-58	-35	-20	-8	-6	-2	0.80
		HOR:	-193	-87	-26	-8	-3	-2	-5	-15	
28S	9W	VER:	-119	-93	-51	-29	-16	-8	-4	-2	0.96
		HOR:	-187	-76	-21	-8	-4	-1	-3	5	
28S	8W	VER:	-105	-76	-39	-21	-11	-4	-1	0	1.00
		HOR:	-115	-47	-16	-7	-5	-3	-6	-7	
28S	7W	VER:	-85	-58	-31	-18	-11	-5	-3	-1	1.00
		HOR:	-96	-31	-9	-4	-4	-3	-4	0	
28S	6W	VER:	-77	-48	-24	-12	-8	-4	-3	0	1.00
		HOR:	-59	-18	-4	1	2	3	3	3	
28S	5W	VER:	-56	-34	-16	-9	-5	-3	-3	-2	1.00
		HOR:	-46	-15	-5	-2	-1	-1	-2	-1	
28S	4W	VER:	-44	-26	-12	-6	-4	-2	-2	-2	1.00
		HOR:	-25	-7	-3	-1	-1	-1	-2	-2	
28S	3W	VER:	-32	-18	-9	-5	-3	-1	-1	0	1.00
		HOR:	-20	-6	-3	-1	-1	-1	-2	-1	
28S	2W	VER:	-23	-13	-6	-3	-2	-1	-2	-2	1.00
		HOR:	-15	-5	-3	-2	-2	-2	-2	-1	
28S	1W	VER:	-17	-11	-6	-3	-2	0	-1	-1	1.00
		HOR:	8	-2	-1	0	0	0	-1	0	
28S	0	VER:	290	150	-3	-3	-2	-1	-1	-2	1.00
		HOR:	9	4	-2	0	0	0	0	-1	
28S	1E	VER:	-8	-5	-2	-1	0	0	-1	-1	1.00
		HOR:	2	1	0	1	1	0	-1	0	
28S	2E	VER:	-7	-4	-1	0	0	1	-1	0	1.00
		HOR:	1	0	0	1	0	0	-1	0	
28S	3E	VER:	-8	-5	-2	0	0	0	-1	0	1.00
		HOR:	1	1	1	1	1	1	-1	0	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
28S	4E	VER:	-10	-5	-2	0	0	0	-1	0	1.00
		HOR:	2	2	2	2	2	1	0	0	
28S	5E	VER:	-14	-7	-3	-1	-1	0	-2	-1	1.00
		HOR:	0	1	1	1	1	1	0	0	
28S	6E	VER:	-23	-10	-4	-2	-1	0	-2	-1	1.00
		HOR:	-5	-1	0	1	1	1	-1	0	
28S	7E	VER:	-36	-15	-6	-2	-2	-1	-2	-2	1.00
		HOR:	-10	-1	0	1	0	11	-2	0	
28S	8E	VER:	-53	-20	-9	-4	-3	-1	-2	-2	1.00
		HOR:	-22	-4	-1	0	0	0	-2	2	
28S	9E	VER:	-72	-33	-14	-6	-3	0	-1	0	1.00
		HOR:	-42	-7	-2	-1	0	1	-1	0	
28S	10E	VER:	-80	-38	-16	-7	-4	-2	-3	-1	1.00
		HOR:	-54	-12	-3	0	0	1	2	0	
28S	11E	VER:	-88	-47	-21	-11	-8	-5	-5	-4	1.00
		HOR:	-76	-20	-8	-5	-5	-3	-5	-3	
28S	12E	VER:	-105	-64	-29	-16	-11	-8	-9	-5	1.00
		HOR:	-150	-40	-14	-4	-2	0	-2	0	
28S	13E	VER:	-120	-76	-36	-19	-12	-5	-4	-4	1.00
		HOR:	-160	-50	-18	-7	-5	-3	-6	-2	
28S	14E	VER:	-145	-94	-45	-25	-14	-6	-3	1	0.96
		HOR:	-208	-63	-20	-11	-9	-7	-8	-3	
28S	15E	VER:	-124	-101	-51	-27	-18	-7	-1	7	0.77
		HOR:	-246	-97	-36	-11	-5	2	2	6	
28S	16E	VER:	-153	-112	-59	-32	-19	-8	-4	3	0.62
		HOR:	-225	-88	-32	-12	-9	-1	-3	6	
28S	17E	VER:	-116	-106	-64	-36	-24	-10	-8	0	0.50
		HOR:	-240	-110	-46	-20	-10	-4	-8	-14	
28S	18E	VER:	-125	-113	-69	-39	-25	-11	-6	0	0.43
		HOR:	-227	-97	-41	-20	-9	-4	0	-18	
28S	19E	VER:	-88	-116	-80	-50	-30	-16	-5	2	0.36
		HOR:	-319	-158	-63	-25	-13	-8	-2	5	
28S	20E	VER:	-86	-124	-93	-58	-41	-20	-6	10	0.29
		HOR:	-413	-227	-100	-48	-27	-6	-13	13	

LINE	STAT		LOOP	C							
30S	15W	VER:	90	-47	-100	-85	-61	-33	-19	-19	0.21
		HOR:	-338	-238	-128	-66	-38	-14	-23	-109	
30S	14W	VER:	10	-72	-86	-68	-48	-27	-13	-6	0.29
		HOR:	-324	-203	-93	-41	-27	-10	0	0	
30S	13W	VER:	-50	-102	-94	-69	-44	-22	-13	-13	0.36
		HOR:	-361	-208	-91	-38	-19	-2	-2	-2	
30S	12W	VER:	-69	-95	-79	-53	-32	-18	-13	-9	0.43
		HOR:	-279	-160	-60	-25	-16	-4	-2	-9	
30S	11W	VER:	-84	-88	-63	-38	-25	-13	-9	-3	0.52
		HOR:	-230	-128	-53	-23	-13	-5	-3	0	
30S	10W	VER:	-120	-101	-63	-38	-20	-6	0	6	0.63
		HOR:	-190	-95	-31	-14	-7	-1	-1	-17	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
30S	9W	VER:	-114	-90	-53	-31	-19	-9	-5	-3	0.77
		HOR:	-168	-81	-29	-10	-5	0	-1	-6	
30S	8W	VER:	-107	-82	-46	-23	-11	-3	-1	-4	0.95
		HOR:	-157	-67	-21	-10	-7	-6	-7	-5	
30S	7W	VER:	-99	-72	-37	-20	-12	-6	-4	-4	1.00
		HOR:	-120	-50	-14	-5	-3	-3	-3	-2	
30S	6W	VER:	-93	-63	-33	-15	-7	0	2	-5	1.00
		HOR:	-86	-33	-12	-5	-2	0	0	0	
30S	5W	VER:	-80	-49	-24	-13	-8	-4	-3	-3	1.00
		HOR:	-64	-24	-8	-3	-1	0	-1	0	
30S	4W	VER:	-65	-38	-17	-9	-5	-3	-2	-3	1.00
		HOR:	-50	-13	-3	0	-1	-1	-1	-2	
30S	3W	VER:	-55	-31	-15	-8	-5	-3	-3	-3	1.00
		HOR:	-31	-11	-4	-1	-2	0	-1	-1	
30S	2W	VER:	-47	-26	-13	-7	-5	-2	-2	-2	1.00
		HOR:	-23	-7	-2	0	0	1	0	0	
30S	1W	VER:	-39	-21	-11	-6	-4	-2	-2	-2	1.00
		HOR:	-21	-6	-2	0	0	0	-1	-3	
30S	0	VER:	-32	-17	-8	-4	-2	-1	-2	-2	1.00
		HOR:	-11	-4	-1	-1	-1	-1	-1	-2	
30S	1E	VER:	-35	-15	-6	-2	-1	0	-1	0	1.00
		HOR:	4	0	0	0	0	0	-2	0	
30S	2E	VER:	-30	-14	-6	-2	-2	0	-1	0	1.00
		HOR:	1	1	1	2	1	1	-1	0	
30S	3E	VER:	-34	-15	-6	-2	-2	-1	-2	0	1.00
		HOR:	-2	-1	-1	0	0	1	-1	1	
30S	4E	VER:	-37	-16	-8	-7	-9	-9	-10	-5	1.00
		HOR:	-3	-1	0	1	0	-1	-5	-2	
30S	5E	VER:	-42	-18	-7	-3	-2	-1	-2	0	1.00
		HOR:	-3	0	0	1	0	0	-2	-3	
30S	6E	VER:	-50	-20	-9	-4	-2	-1	-2	0	1.00
		HOR:	-10	-2	-1	1	0	0	-1	0	
30S	7E	VER:	-58	-27	-12	-5	-3	-1	-2	0	1.00
		HOR:	-19	-4	-2	0	-1	-1	-3	-1	
30S	8E	VER:	-84	-36	-16	-7	-5	-2	-2	-1	1.00
		HOR:	0	0	0	1	0	0	-4	-8	
30S	9E	VER:	-90	-42	-19	-9	-6	-3	-3	-1	1.00
		HOR:	-48	-12	-4	-2	-1	0	-1	0	
30S	10E	VER:	-120	-60	-26	-12	-7	-3	-2	0	1.00
		HOR:	-93	-19	-4	-1	-1	0	-2	-4	
30S	11E	VER:	-115	-65	-32	-12	-4	4	7	4	1.00
		HOR:	-100	-32	-9	-1	1	3	4	2	
30S	12E	VER:	-130	-78	-37	-18	-11	-5	-3	-3	1.00
		HOR:	-130	-42	-16	-6	-3	0	-2	-1	
30S	13E	VER:	-125	-85	-42	-20	-13	-7	-4	3	0.96
		HOR:	-135	-50	-16	-9	-9	-11	-19	-43	
30S	14E	VER:	-130	-90	-45	-23	-13	-5	-2	1	0.84
		HOR:	-142	-53	-20	-7	-5	-3	-4	-40	

CHANNEL			1	2	3	4	5	6	7	8	GAIN
30S	15E	VER:	-150	-110	-55	-29	-16	-7	-2	2	0.68
		HOR:	-191	-85	-29	-13	-4	-4	-1	2	
30S	16E	VER:	-158	-120	-62	-31	-17	-3	-1	8	0.58
		HOR:	-198	-94	-36	-15	-12	-3	-3	3	
30S	17E	VER:	-139	-119	-69	-39	-26	-13	-10	-6	0.46
		HOR:	-250	-121	-47	-19	-13	-6	-8	0	
30S	18E	VER:	-126	-121	-78	-44	-26	-13	-5	2	0.38
		HOR:	-250	-126	-55	-21	-10	-2	-2	5	
30S	19E	VER:	-109	-112	-74	-45	-29	-16	-9	-9	0.31
		HOR:	-274	-154	-64	-35	-22	-9	-6	-16	
30S	20E	VER:	-96	-117	-82	-50	-28	-7	10	21	0.28
		HOR:	-321	-185	-75	-17	-3	-10	-25	-25	



N

TRUE

SOVEREIGN METALS CORPORATION

VEM COMPONENT CONDUCTORS

PROFESSIONAL ENGINEER
PROVINCE OF
GLEN E. WHITE
BRITISH COLUMBIA
ENGINEER

inches
0 1
0 1 2
centimetres

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GEOLOGICAL SURVEY OF CANADA

A ... Geophysical Report on
WATSON LAKE MINING DIVISION
Date ...
By GLEN E WHITE B.Sc. ... GEOPHYSICIST

NEW FRONTIER EXPLORATION INC.
BARB CLAIMS
WATSON LAKE MINING DIVISION YUKON

VEM LOOP & CONDUCTOR MAP

Glen E. White geophysical consulting services ltd.

INTERPRETED BY :	G.E.W.
DRAWN BY :	P.M.
CHECKED BY :	
DATE :	MARCH, 1978
FIG No :	1

LOOP-B

13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

8 7 6 5 4 3 2 1

0 100 200 300 400 500 600 700

FEET

0 10 20 30 40 50 60 70 80 90 100 200 300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 14N -B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 2

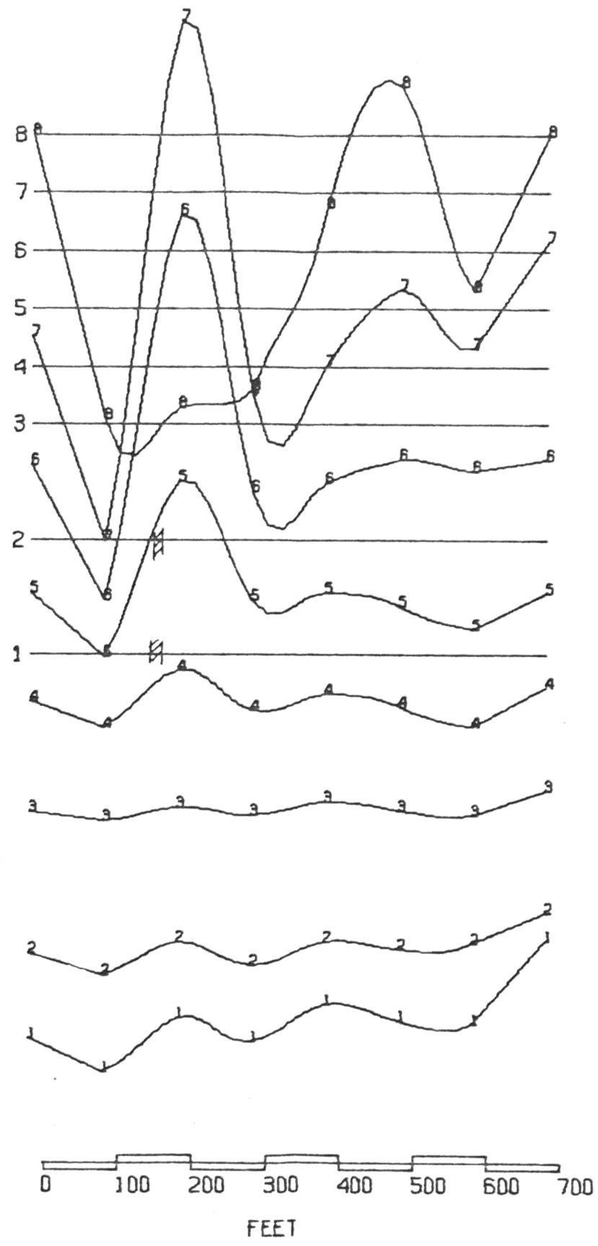
LOOP-B

13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

8 7 6 5 4 3 2 1

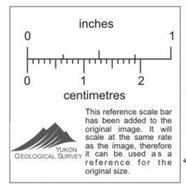
0 10 20 30 40 50 60 70 80 90 100 200 300

+ BR - P.P.K. SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

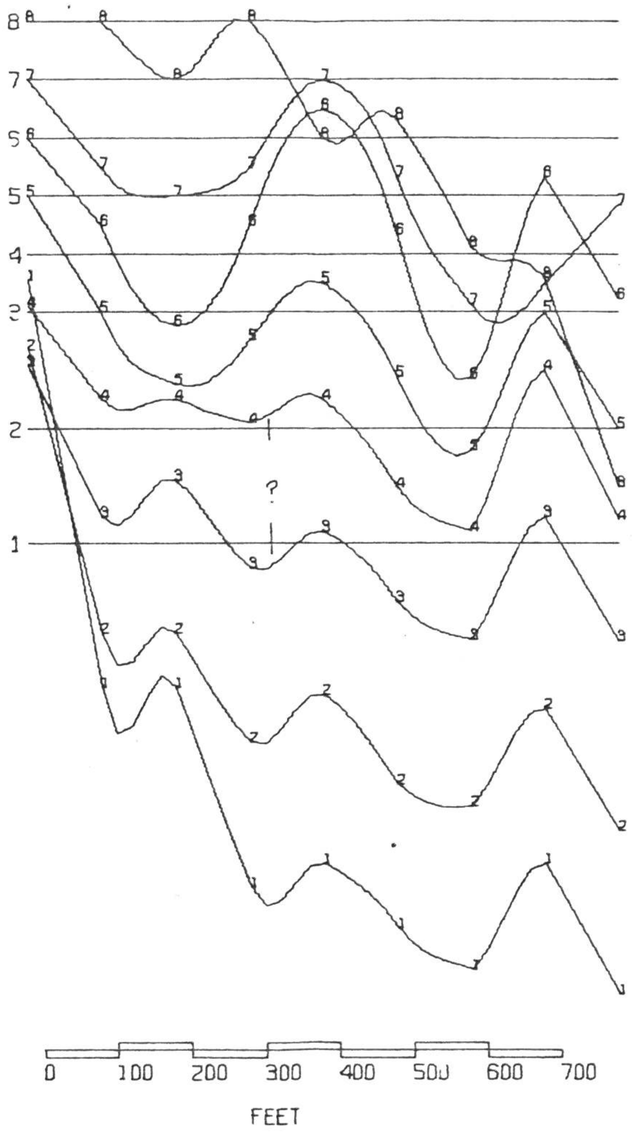
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 14N -B

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 3

LOOP-B

12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E



0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.M.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 12N -B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

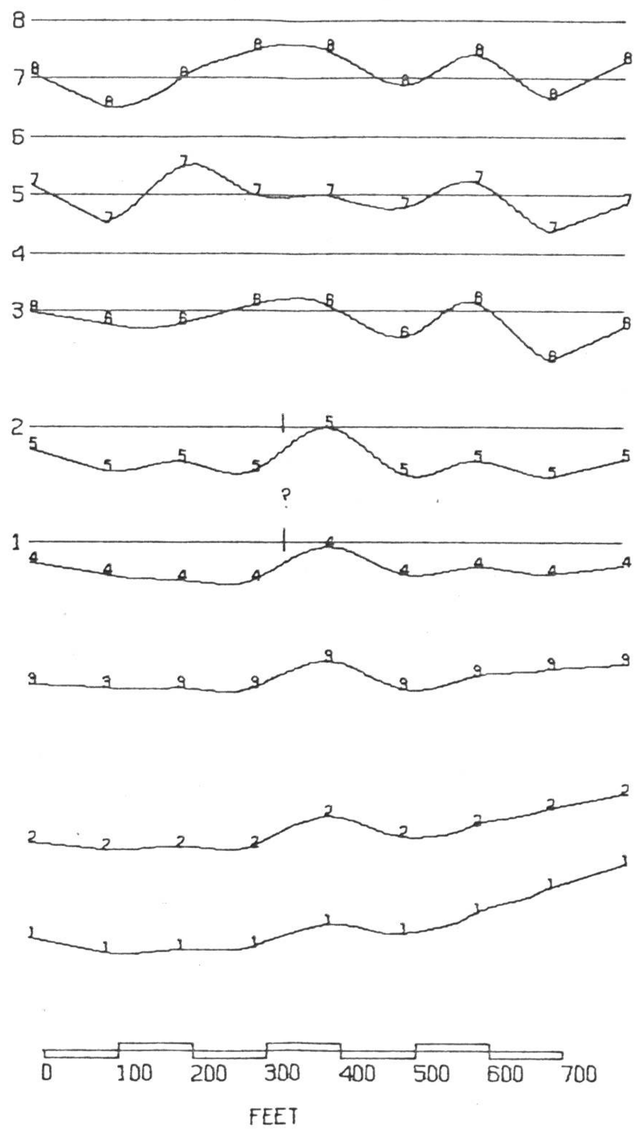
N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 4

12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-B



8
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres
YUKON GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 12N -B

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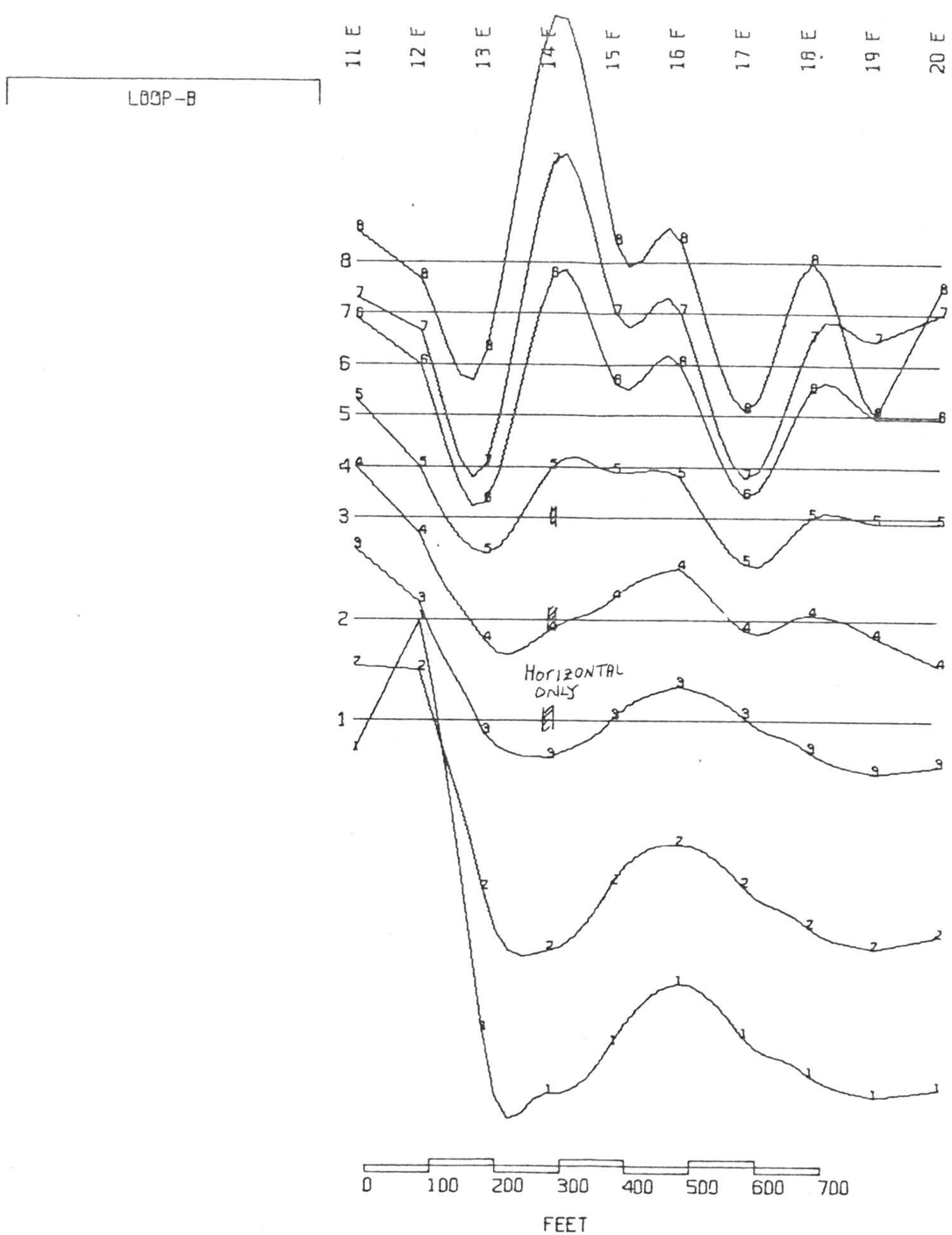
DATE 28 MARCH 1979

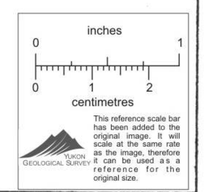
FIG.NO: 5

+ OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 10N -B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

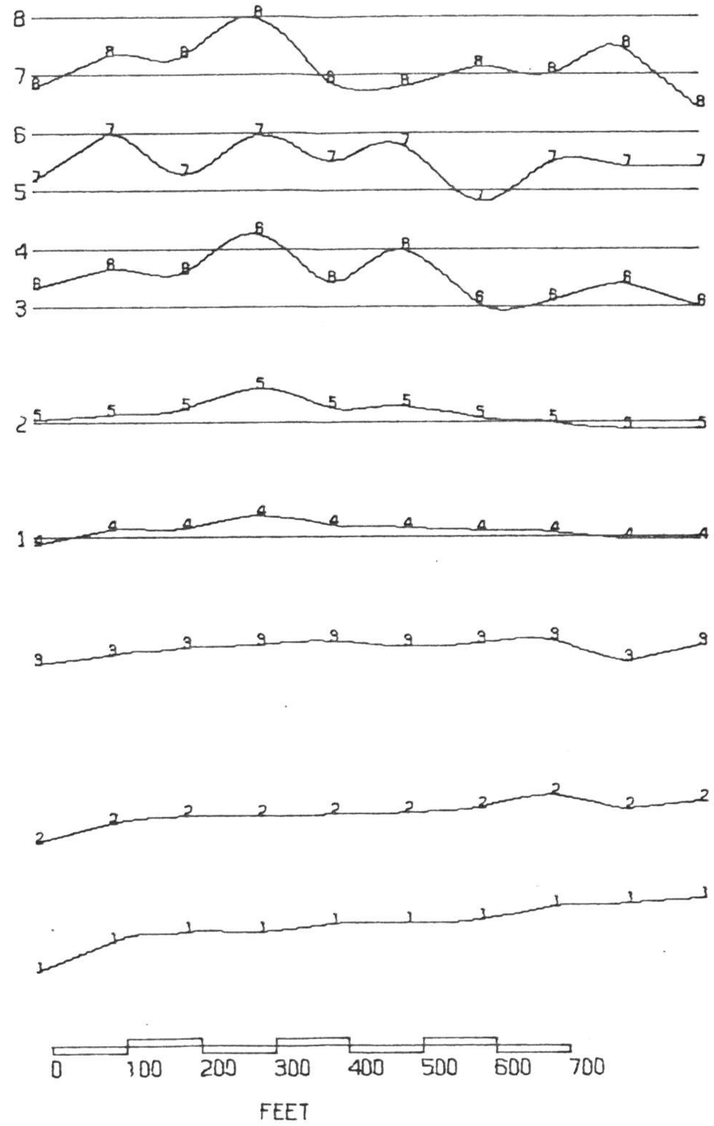
N.T.S. 105-H/6

DATE 20 MARCH 1979

FIG.NO: 6

11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-B



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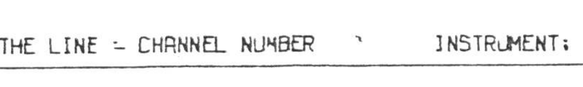
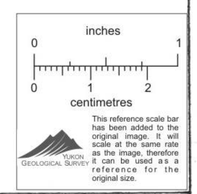
200
900

+ OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER INSTRUMENT; CRONE P.E.M.



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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 10N -B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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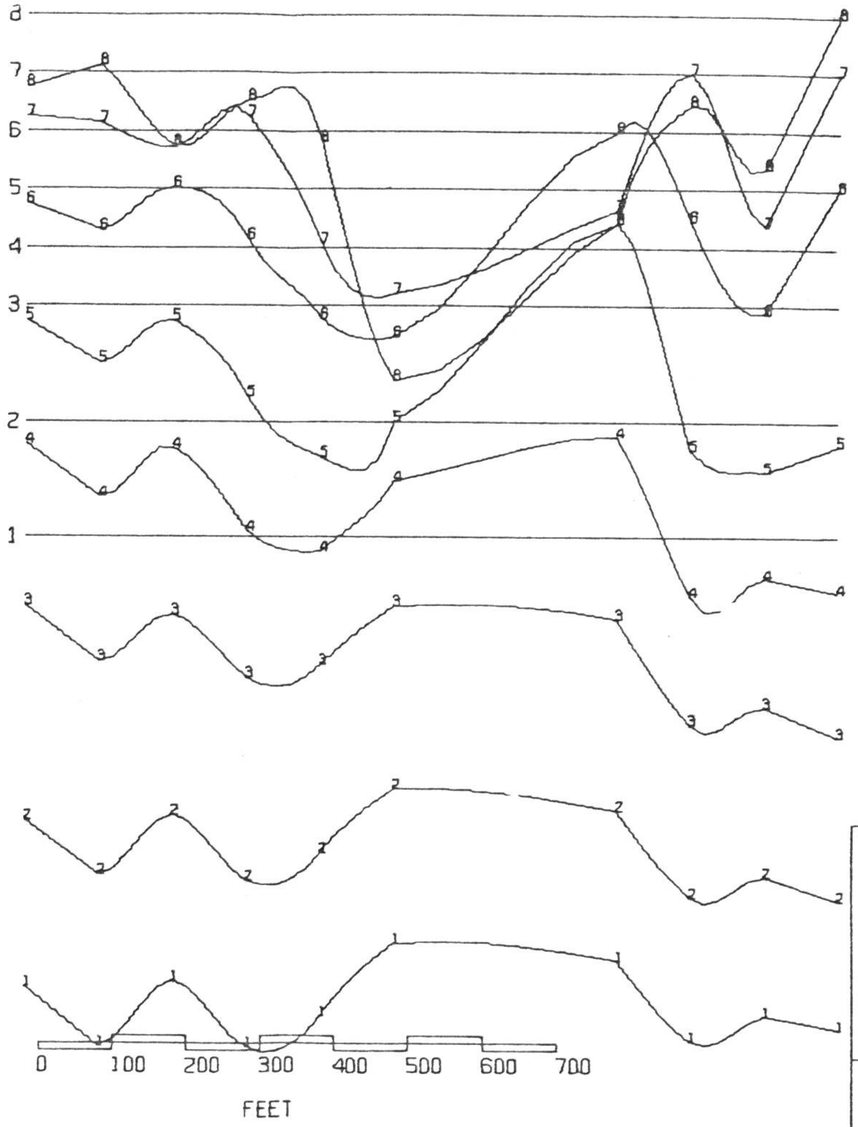
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 7

L00P-A

6 E
7 E
8 E
9 E
10 E
11 E
14 E
15 E
16 E
17 E



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300

+ OR -
P.P.K.
SCALE

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6N -A

GLEN E. WHITE
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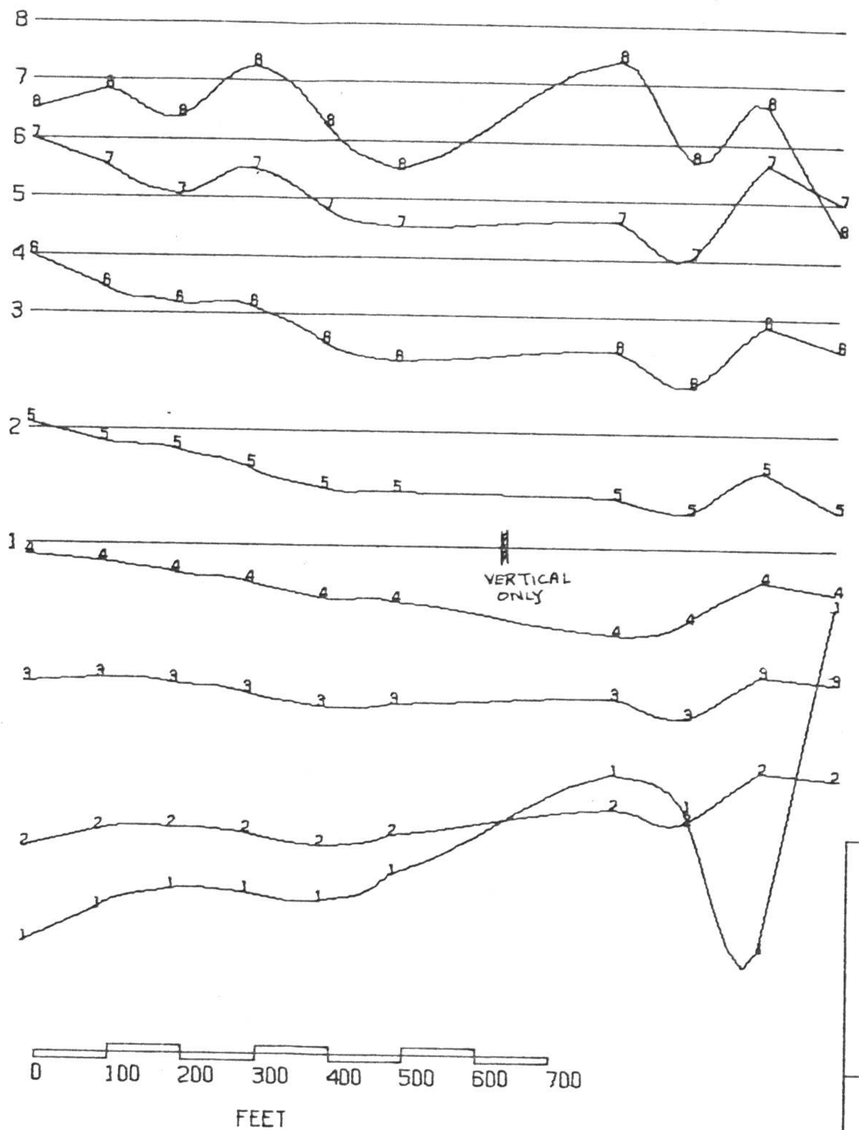
& SERVICES LTD.

N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 8

L00P-A

6 E
7 E
8 E
9 E
10 E
11 E
14 E
15 E
16 E
17 E



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+ BR -
P.P.K.
SCALE

inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
YUKON GEOLOGICAL SURVEY

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6N -A

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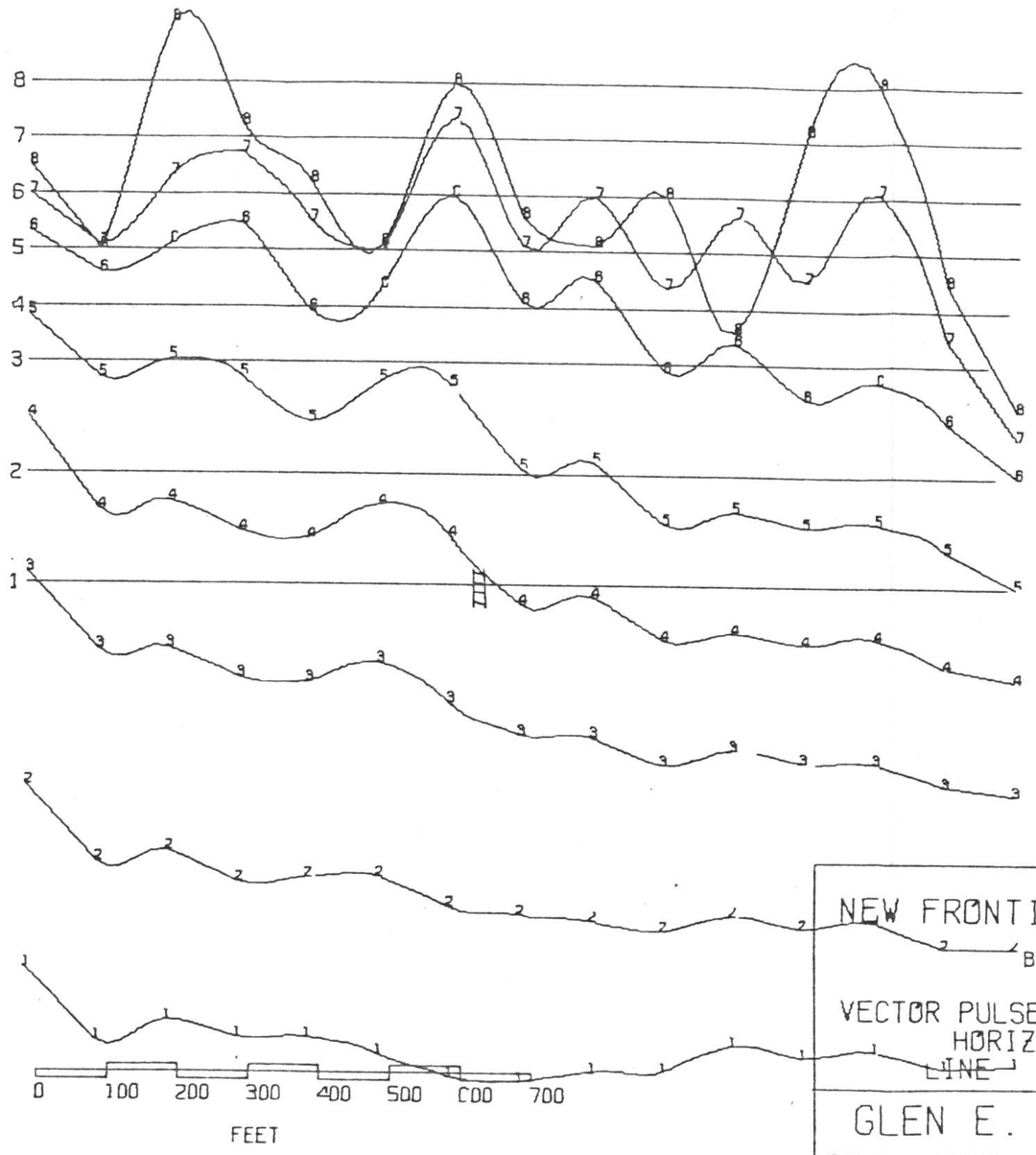
DATE 28 MARCH 1979
FIG.NO: 9

LOOP-A

6 E 7 E 8 E 9 F 10 E 11 E 12 F 13 E 14 F 15 E 16 E 17 E 18 E 19 E 20 F



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200
300

+ DR
P.P.K.
SCALE

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 4N -A

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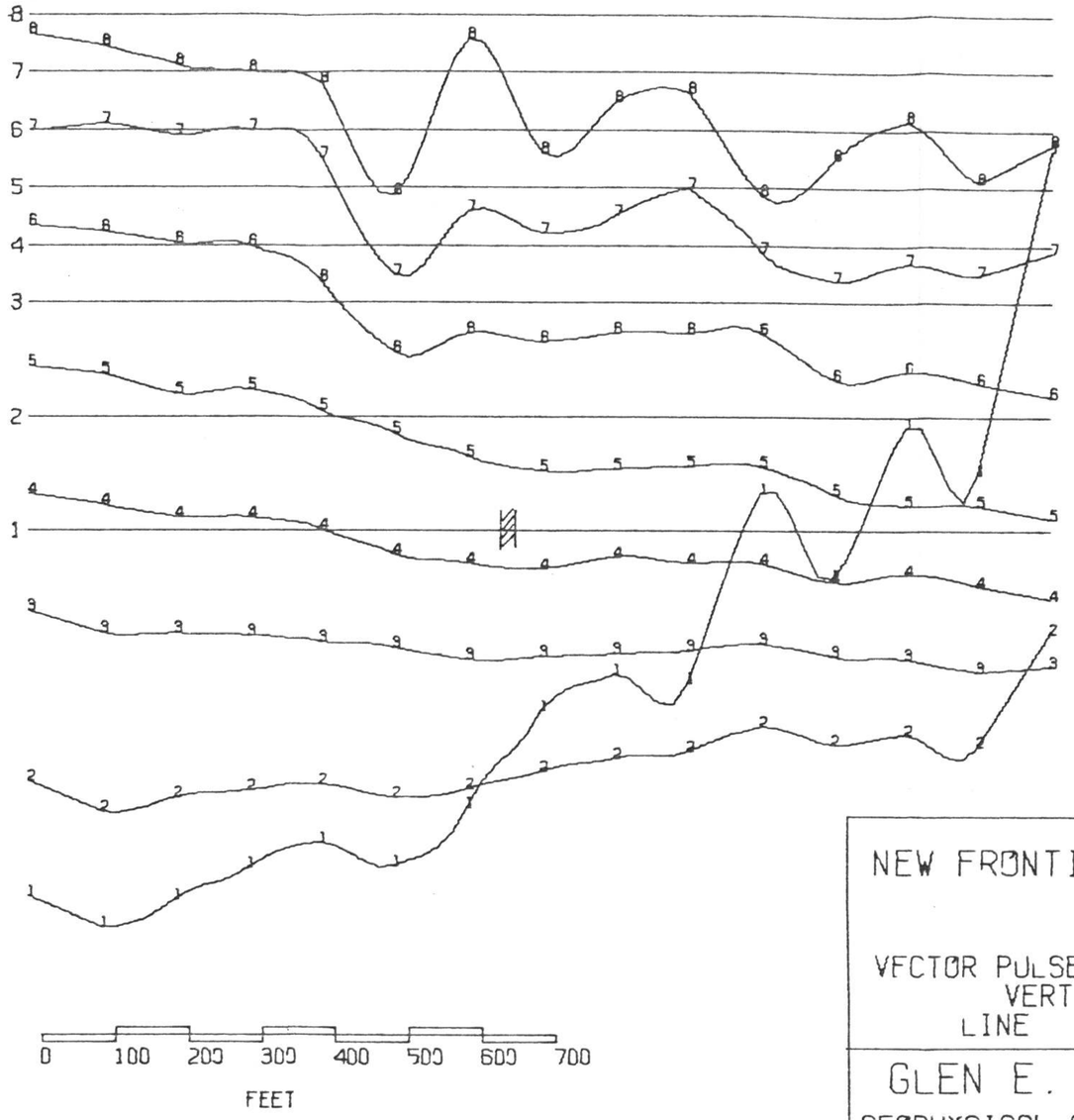
DATE 26 MARCH 1979

FIG.NO: 10

LOOP-A

6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E



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80
90
100
200
900

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE - CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

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VERTICAL COMPONENT
LINE 4N -A

GLEN E. WHITE
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DATE 20 MARCH 1979

FIG.NO: 11

LOOP-A

4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 19 E 20 E

8 7 6 5 4 3 2 1

0 100 200 300 400 500 600 700

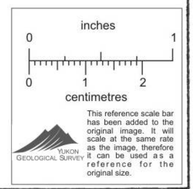
FEET

5
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2N -A

GLEN E. WHITE
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DATE 26 MARCH 1979

FIG.NO: 12

LOOP-A

4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E 16E 17E 19E 20E

B 7 6 5 4 3 2 1

0 100 200 300 400 500 600 700

FEET

— 0
— 10
— 20
— 30
— 40
— 50
— 60
— 70
— 80
— 90
— 100
— 200
— 300

+ OR -
P.P.K.
SCALE

inches
0 1
0 1 2
centimetres

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YUKON GEOLOGICAL SURVEY

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2N -A

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N.T.S. 105-H/6
DATE 26 MARCH 1978
FIG.NO: 13

LOOP-A

3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E

8
7
6
5
4
3
2
1

0
10
20
30
40
50
60
70
80
90
100
200
300

+ DR - P.P.K. SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 0 -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 14

LOOP-A

3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

8
7
6
5
4
3
2
1

VERTICAL ONLY

0 100 200 300 400 500 600 700

FEET

0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 0 -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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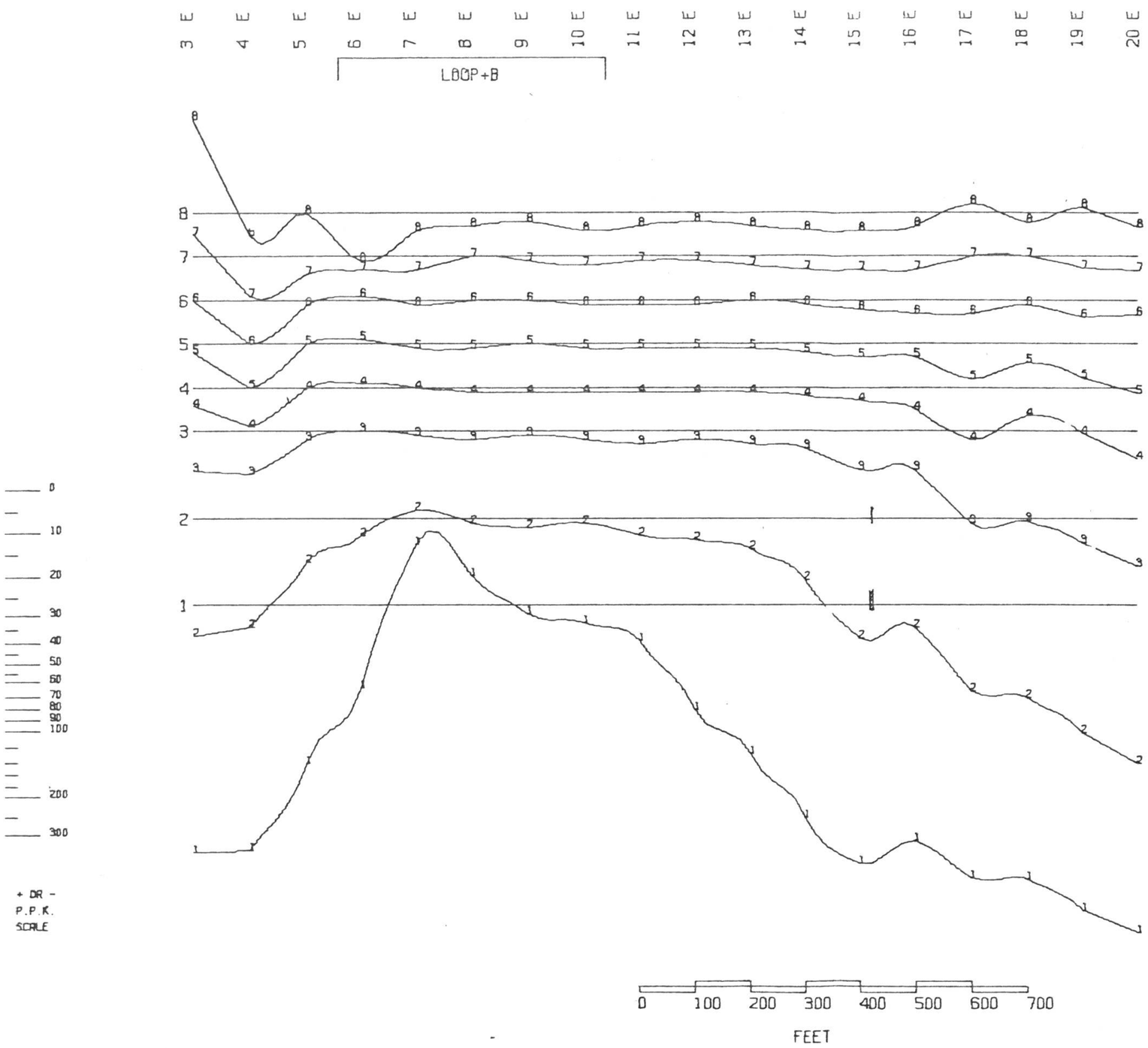
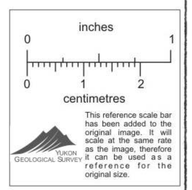
N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 15



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

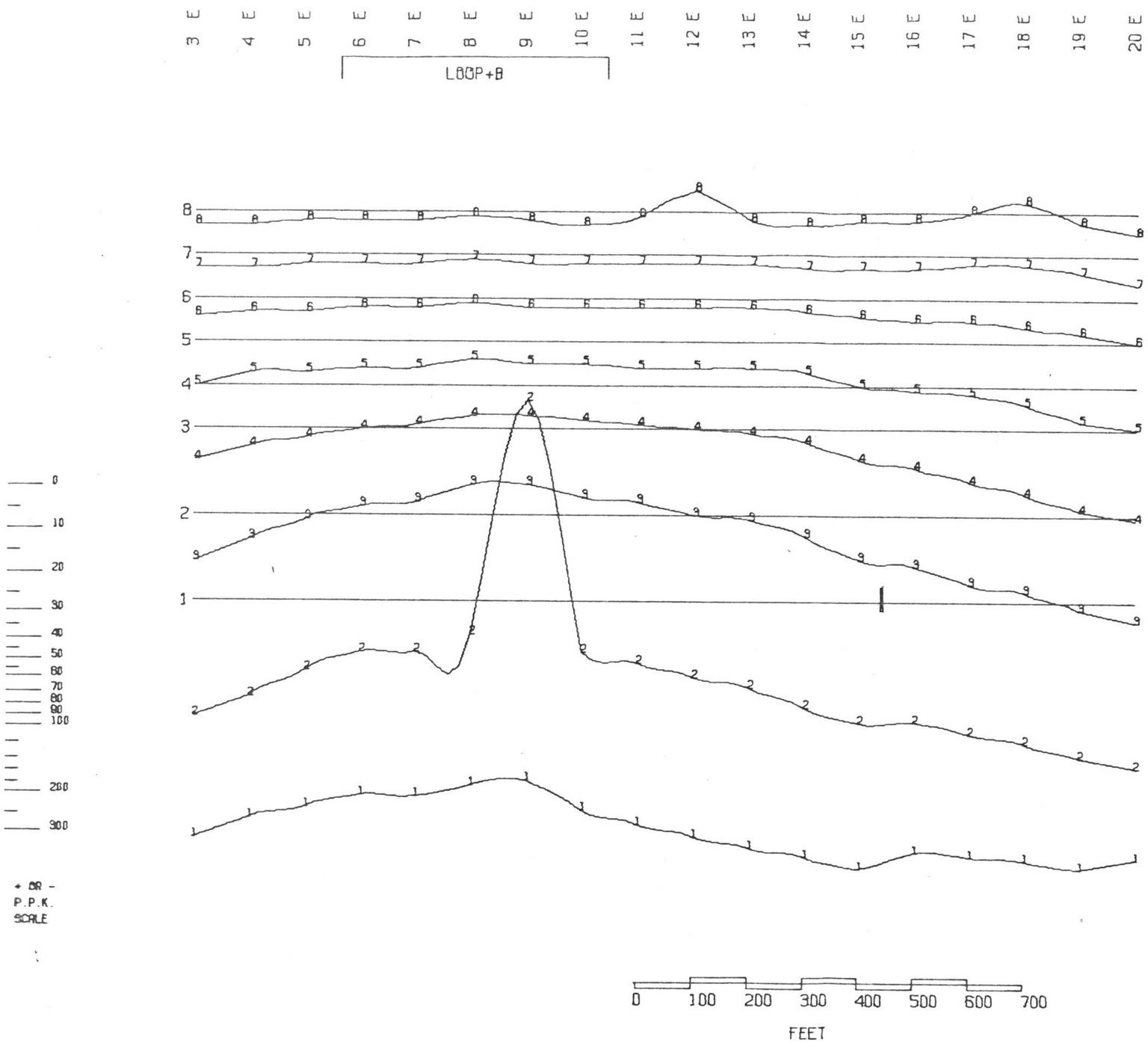
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 0 +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6

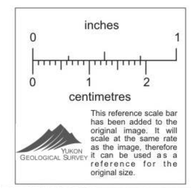
DATE 26 MARCH 1979

FIG.NO: 16



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 0 +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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DATE 26 MARCH 1979

FIG.NO: 17

4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-A

8 7 6 5 4 3 2 1

HORIZONTAL ONLY

0 10 20 30 40 50 60 70 80 90 100 200 300

+ DR - P.P.R. SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches

0 1

0 1 2

centimetres

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YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT

LINE 2S -A

GLEN E. WHITE

GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 18

4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-A

8 7 6 5 4 3 2 1

— 8
— 10
— 20
— 30
— 40
— 50
— 60
— 70
— 80
— 90
— 100
— 200
— 300

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2S -A

GLEN E. WHITE
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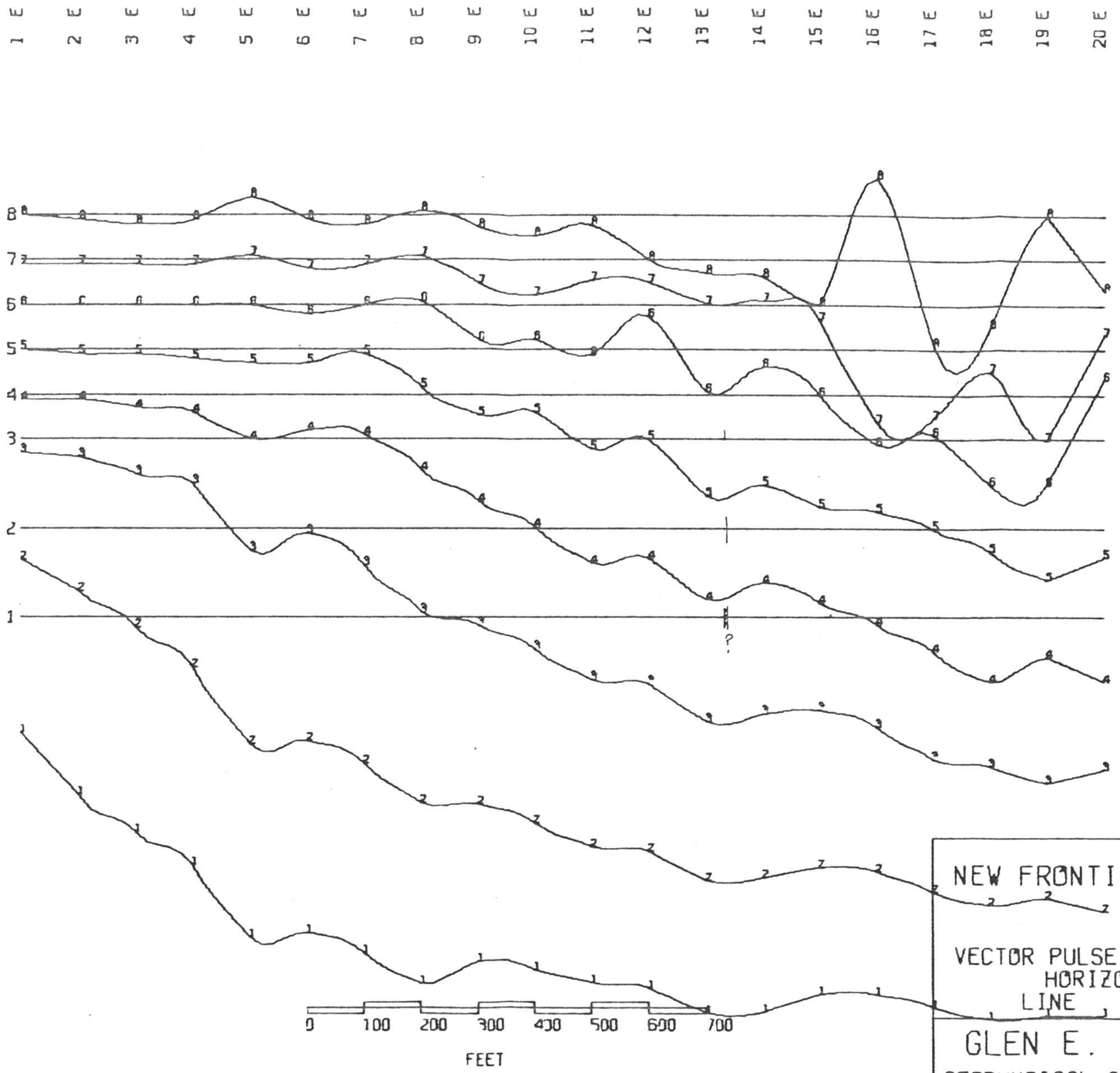
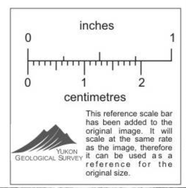
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 19

LOOP A





NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 4S -A

GLEN E. WHITE
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FIG.NO: 20

LOOP-A

1E 2E 3E 4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E 16E 17E 18E 19E 20E

8 7 6 5 4 3 2 1

0 10 20 30 40 50 60 70 80 90 100 200 300

+ OR - P.P.K. SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches 0 1

0 1 2 centimetres

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YUKON GEOLOGICAL SURVEY

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VERTICAL COMPONENT
LINE 4S -A

GLEN E. WHITE
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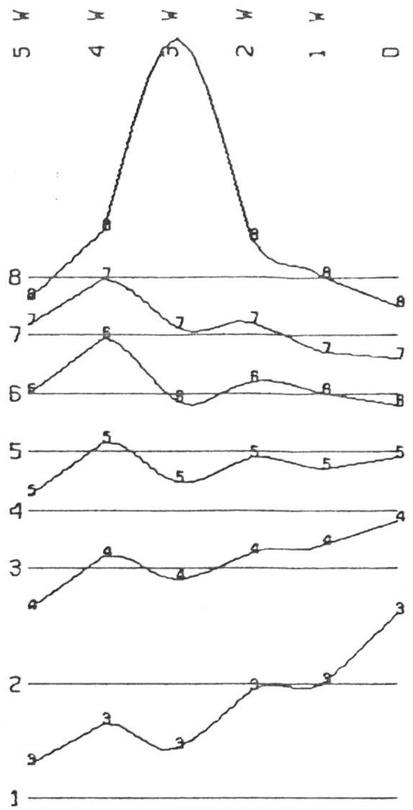
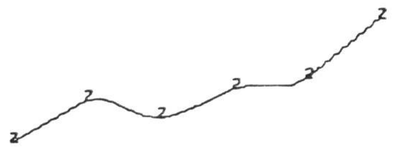
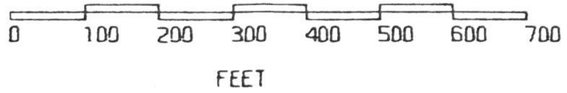
N.T.S. 105-H/6

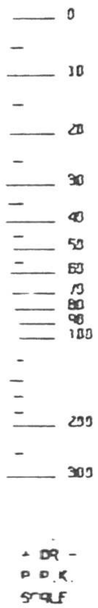
DATE 26 MARCH 1979

FIG.NO: 21





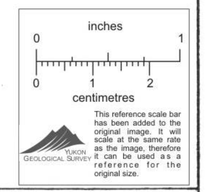




LOOP+B

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 4S +B

GLEN E. WHITE
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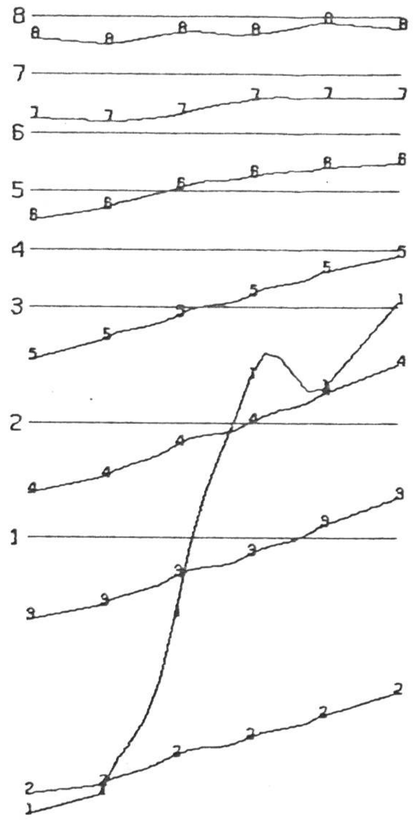
DATE 26 MARCH 1979

FIG.NO: 22

5 W
4 W
3 W
2 W
1 W
0

LOOP+B



8
10
20
30
40
50
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70
80
90
100
200
900

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700
FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 4S +B

GLEN E. WHITE
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FIG.NO: 23

LOOP-A

0 1 E 2 E 3 E 4 F 5 F 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 F 15 E 16 E 17 E 18 E 19 E 20 E

8 7 6 5 4 3 2 1

5 10 20 40 60 80 120 160 200 300

+ OR - P.P.K. SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6S -A

GLEN E. WHITE
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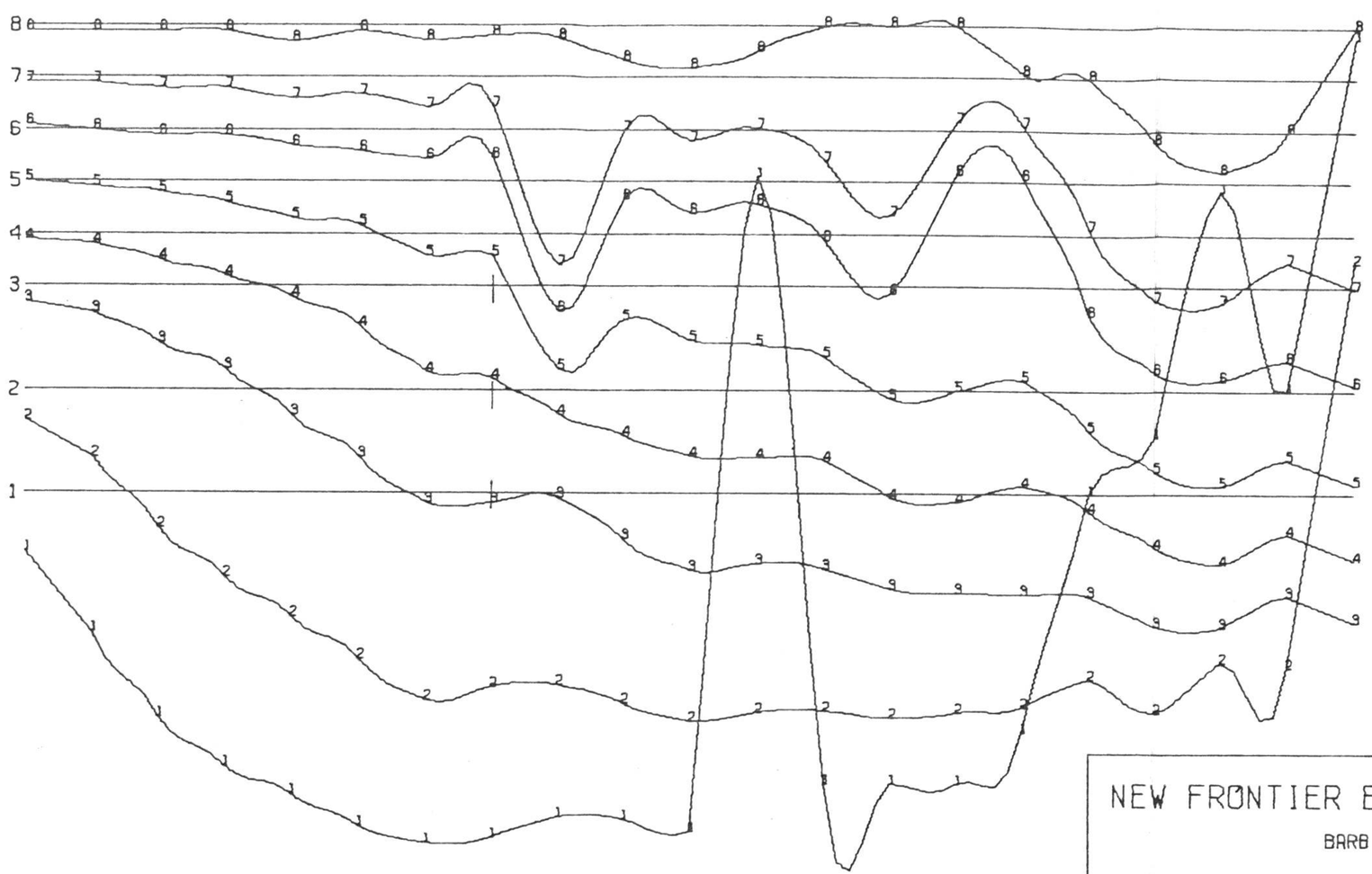
FIG.NO: 24

LOOP-A

0 1E 2E 3E 4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E 16E 17E 18E 19E 20E



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40
50
60
70
80
90
100
200
900

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

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VERTICAL COMPONENT
LINE 6S -A

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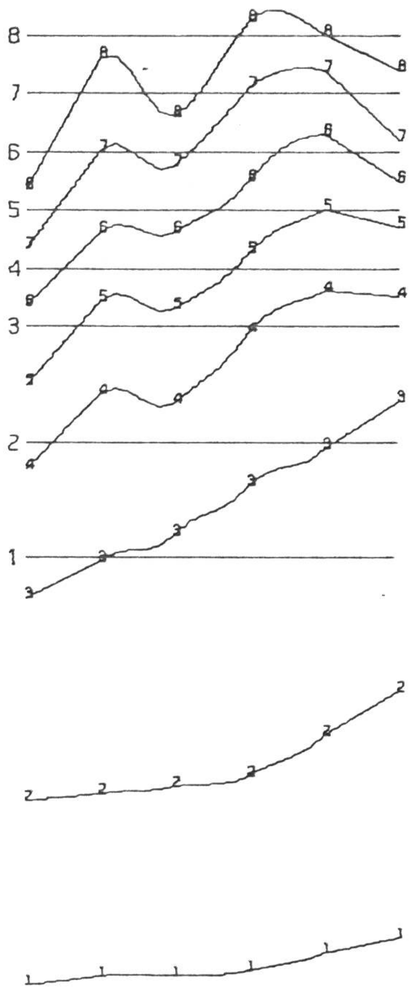
N.T.S. 105-H/6

DATE 20 MARCH 1978

FIG.NO: 25

6 W 5 W 4 W 3 W 2 W 1 W

LOOP+B



0
10
20
30
40
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80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNFTOMETER
HORIZONTAL COMPONENT
LINE 6S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

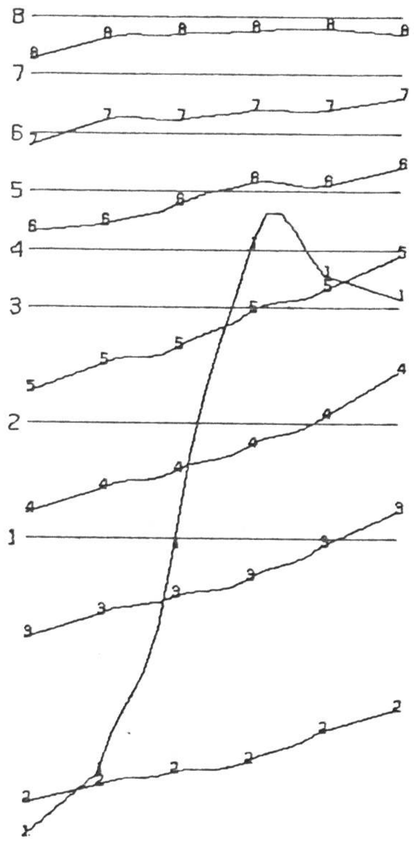
N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO. 26

6 W 5 W 4 W 3 W 2 W 1 W

LOOP+B



B
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80
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200
300

+ BR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700
FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT; CRONE P.E.M.

inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
YUKON GEOLOGICAL SURVEY

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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6S +B

GLEN E. WHITE
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N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 27

LOOP-A

0 1E 2E 3E 4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E 16E 17E 18E 19E 20E

8
7
6
5
4
3
2
1

HORIZONTAL ONLY

0 100 200 300 400 500 600 700

FEET

0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR - P.P.K. SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 8S -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 28

LOOP-A

0 1E 2E 3E 4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E 16E 17E 18E 19E 20E

8 7 6 5 4 3 2 1

0
10
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30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700
FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

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VERTICAL COMPONENT
LINE 8S -A

GLEN E. WHITE
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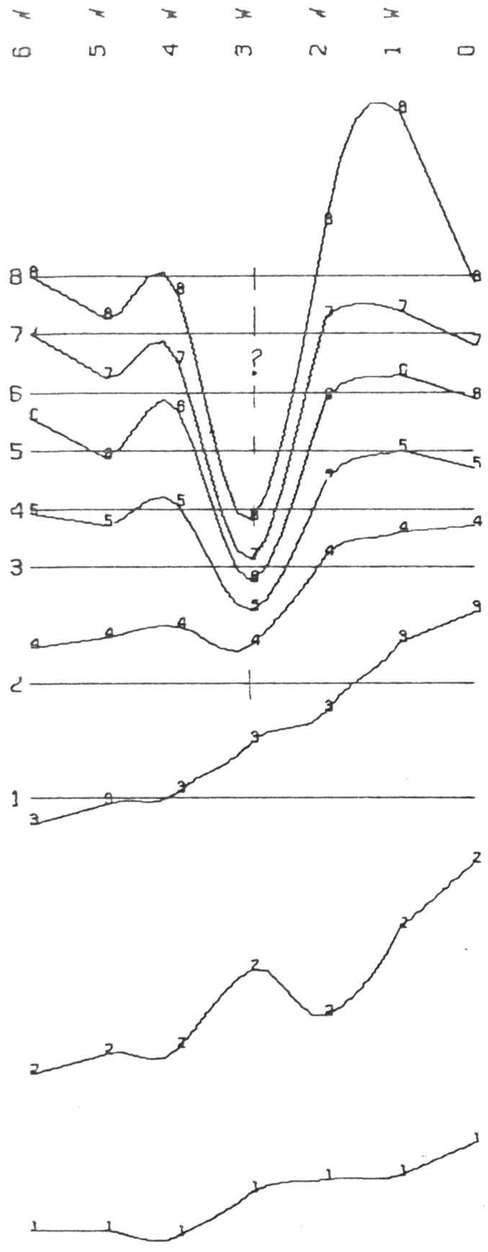
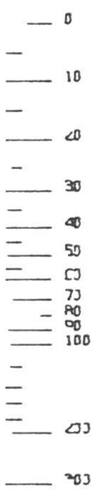
N.T.S. 105-H/6

DATE 26 MARCH 1978

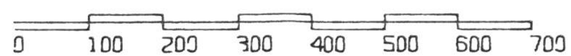
FIG.NO: 29



LOOP+B

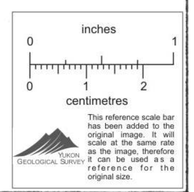


+ OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 8S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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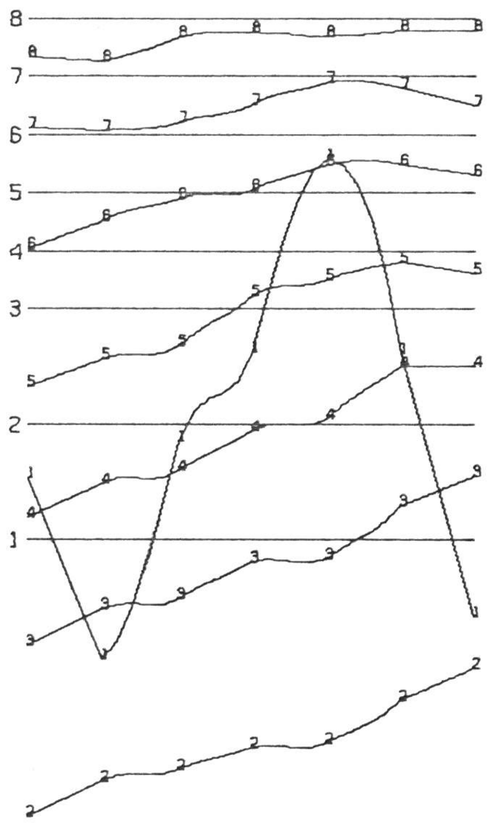
N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 30

6 W 5 W 4 W 3 W 2 W 1 W 0

L83P+8



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100
200
900

+ OR -
P.P K.
SCALE

0 100 200 300 400 500 600 700
FEET

NUMBER IN THE LINE - CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 8S +8

GLEN E. WHITE
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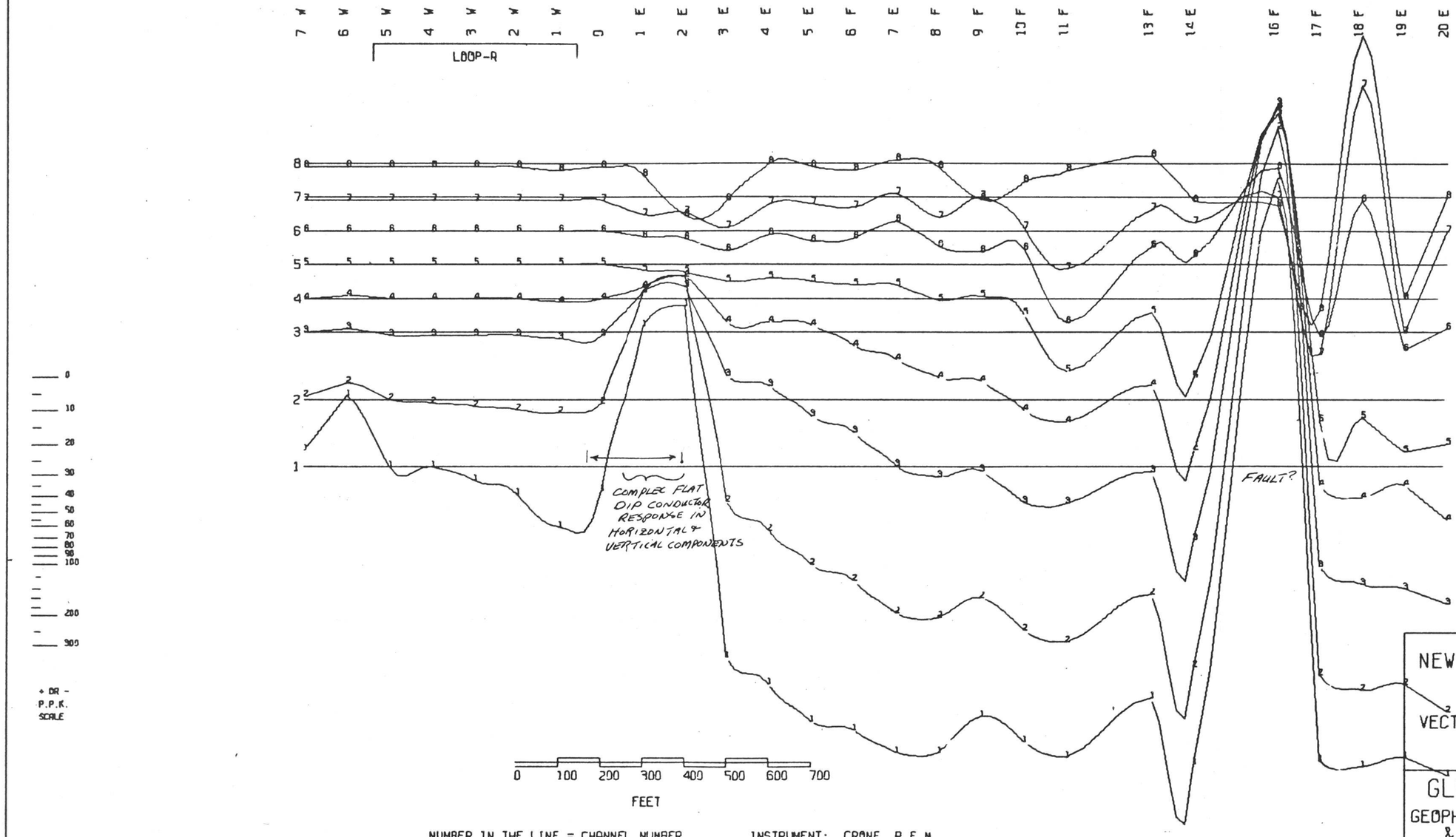
N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 31



inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 10S -A

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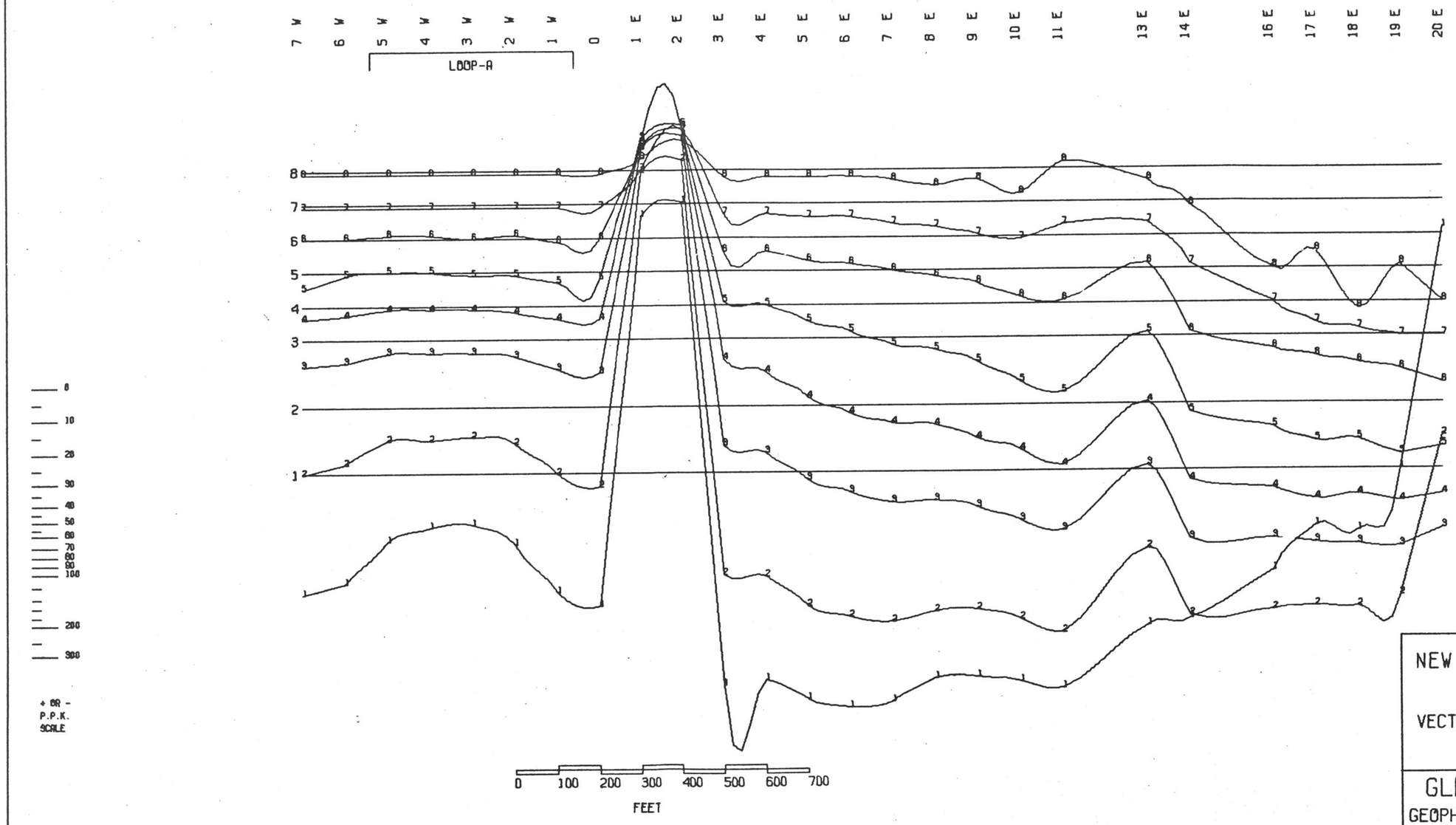
N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 32



inches
0 1
centimetres
0 1 2

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

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 10S -A

GLEN E. WHITE
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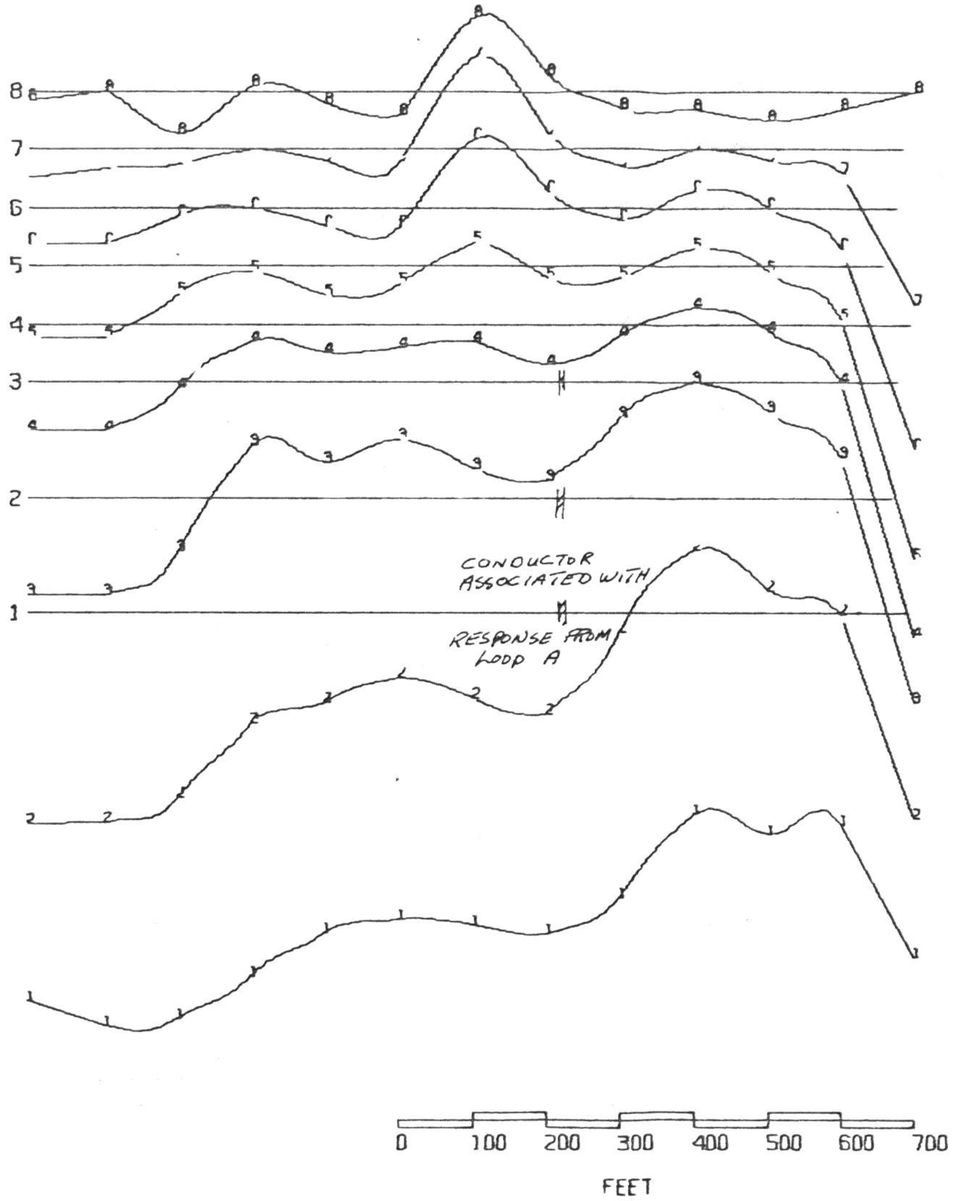
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 33

7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 F 5 E

L00P+B



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300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT. CRONE P E M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 10S +B

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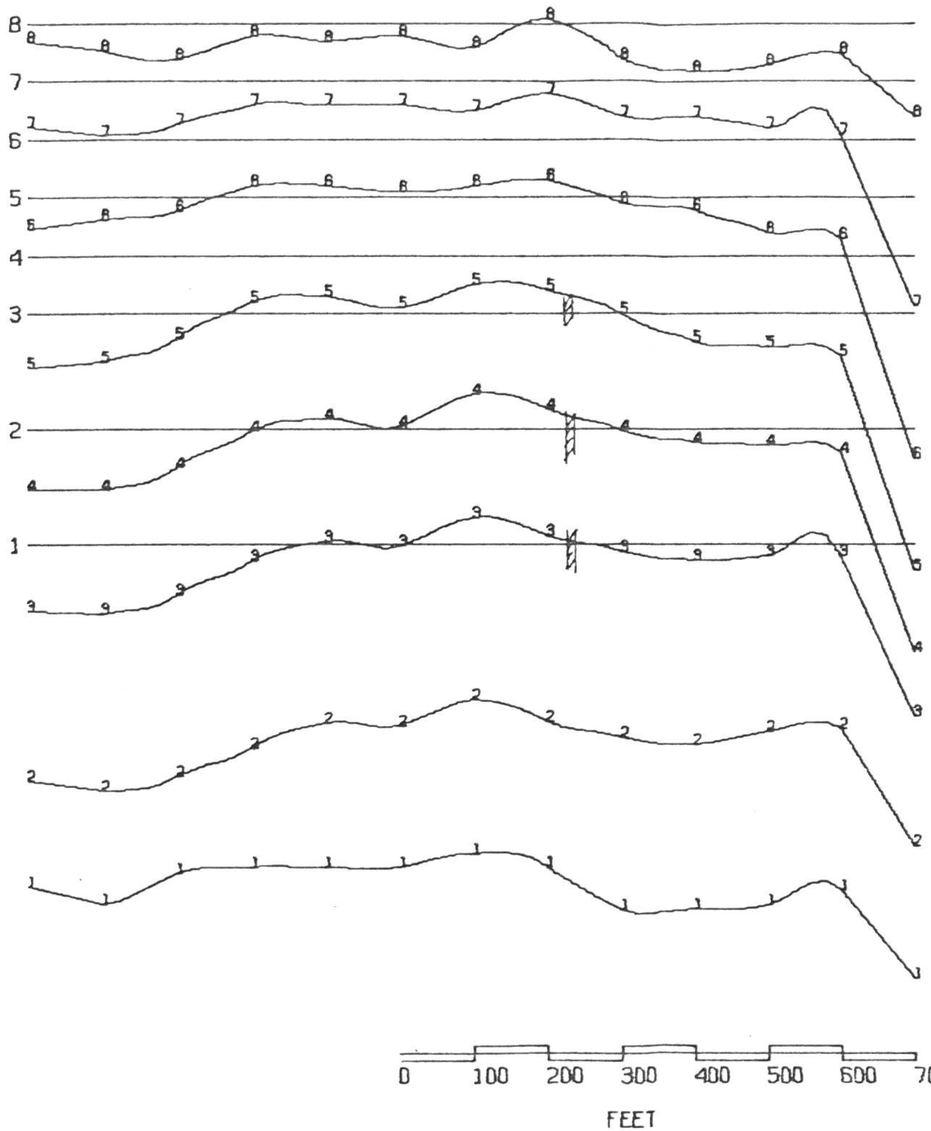
DATE 26 MARCH 1979

FIG.NO: 34

7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E

LOOP+B



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300

+ OR -
P.P.K.
SCALE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

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VERTICAL COMPONENT
LINE 10S +B

GLEN E. WHITE
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& SERVICES LTD.

N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 35

5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-A

8 7 6 5 4 3 2 1

FAULT ?

0 10 20 30 40 50 60 70 80 90 100 200 300

0 100 200 300 400 500 600 700

FEET

inches 0 1

0 1 2 centimetres

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YUKON GEOLOGICAL SURVEY

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BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 12S -A

GLEN E. WHITE
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N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 36

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 15 E 16 E 17 E 18 E 19 E 20 E

LOOP-A

8 7 6 5 4 3 2 1

8
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 100 200 300 400 500 600 700

FEET

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

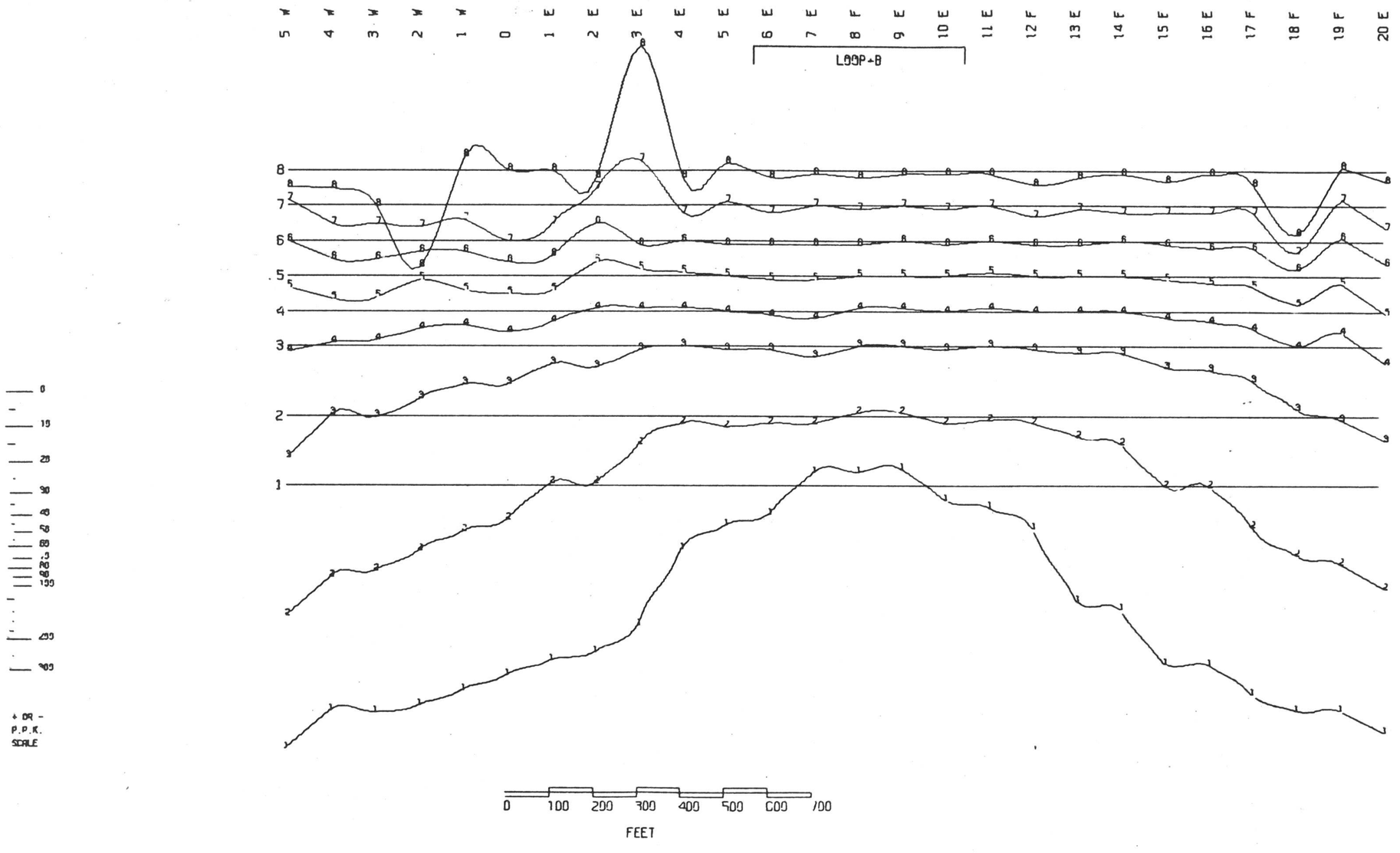
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 12S -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6
DATE 28 MARCH 1978
FIG.NO: 37



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 12S +B

GLEN F. WHITE
GEOPHYSICAL CONSULTING
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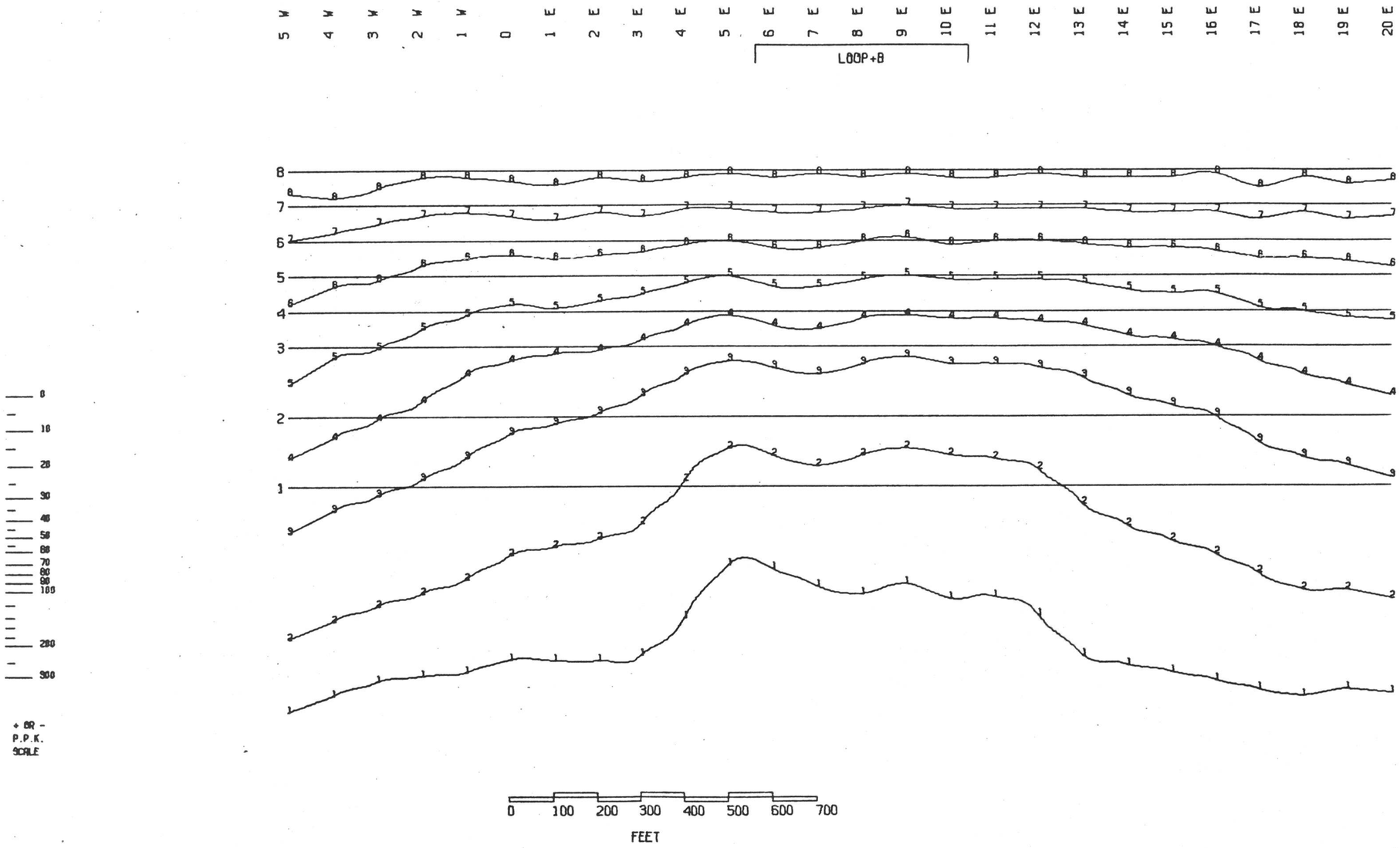
N.T.S. 105-H/6

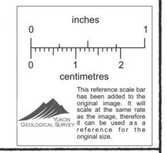
DATE 28 MARCH 1979

FIG.NO: 38



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.



NEW FRONTIER EXPLORATION INC

BARB CLAIMS

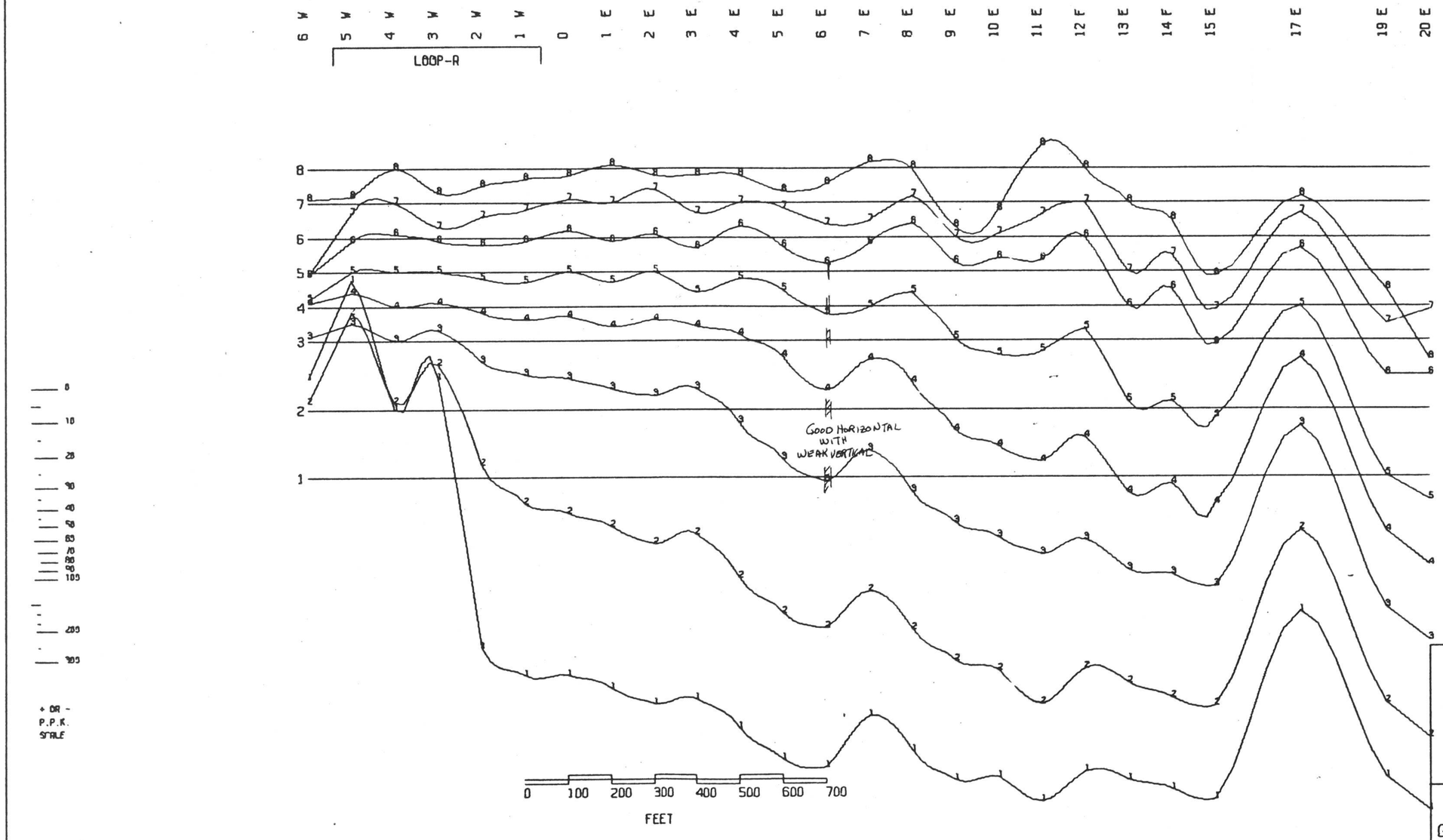
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 12S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 39



NUMBER IN THE LINE = CHANNEL NUMBER INSTRUMENT: CRONE P.E.M.

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

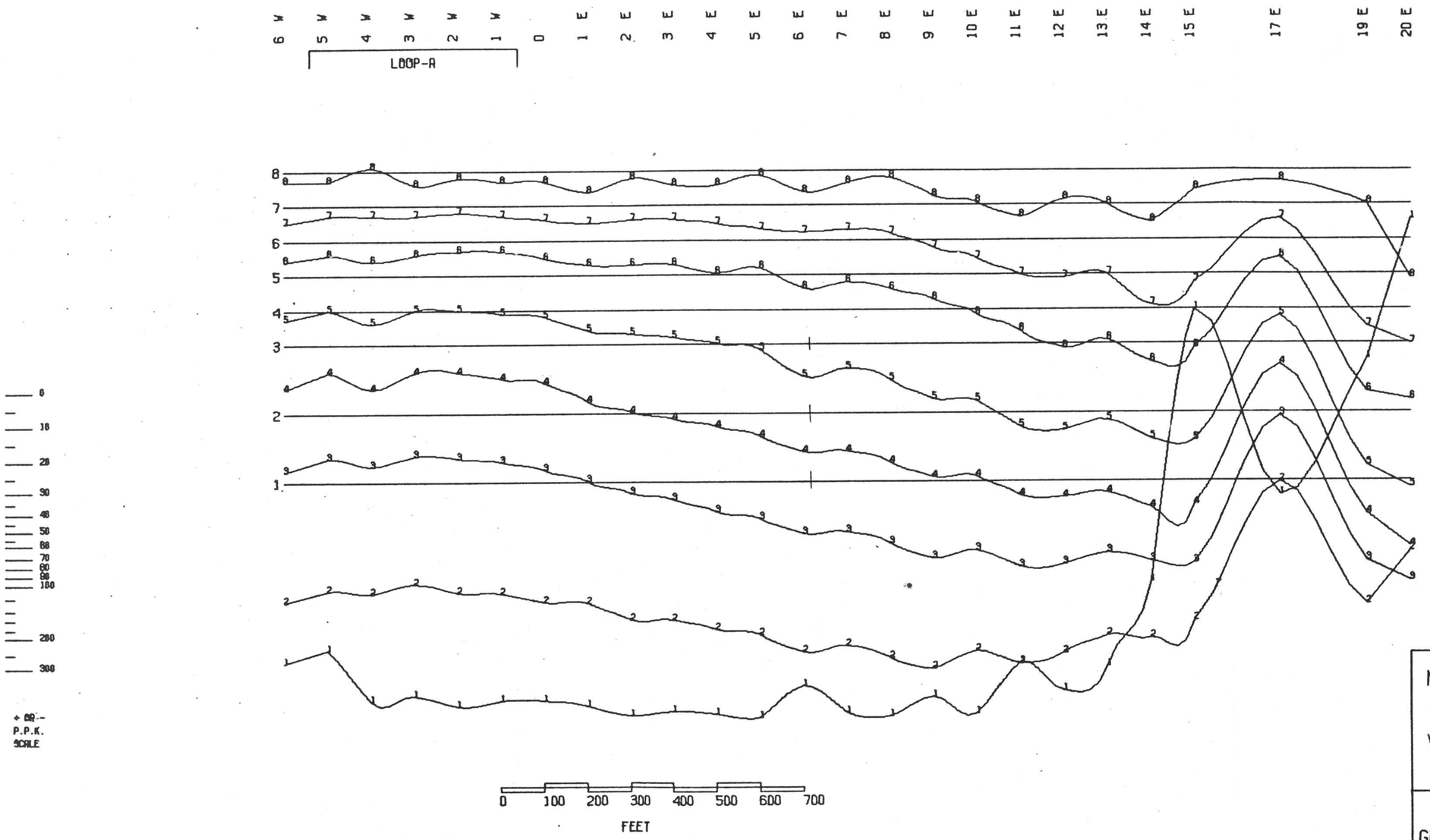
NEW FRONTIER EXPLORATION INC

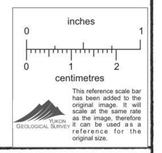
BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 14S -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 40





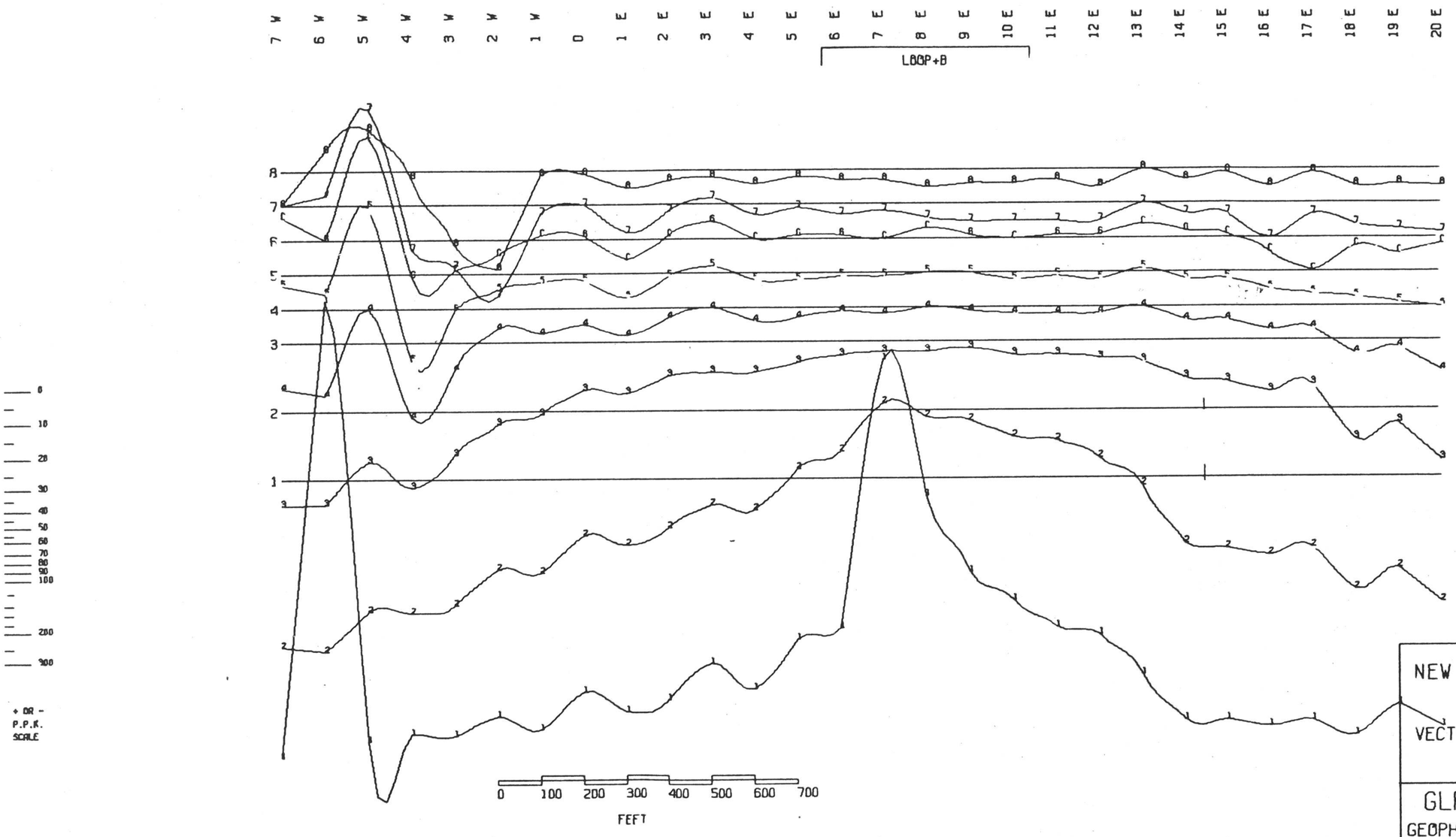
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 14S -A

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 41



inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

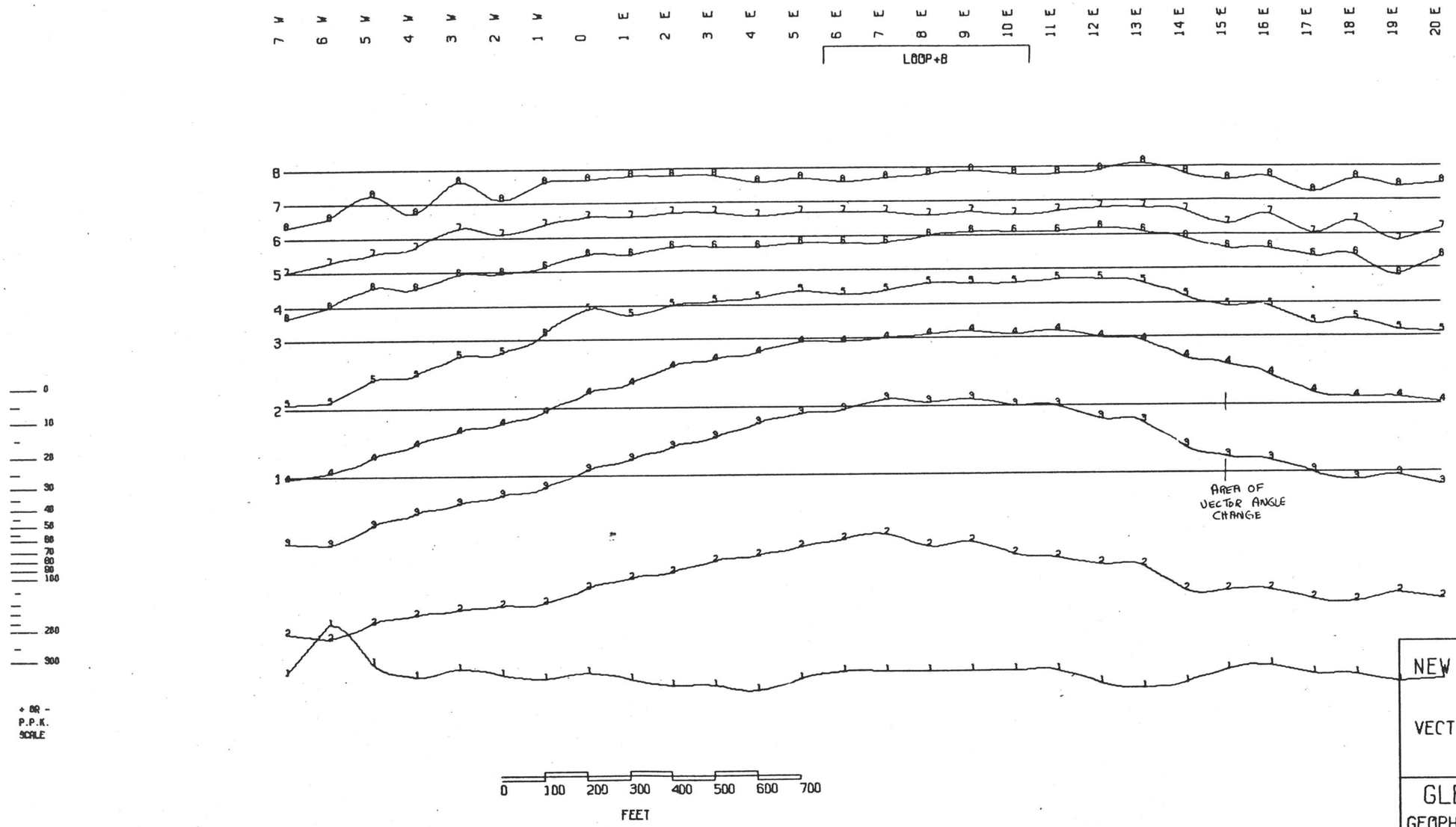
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 16S +8

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 42



inches 0 1 0 1 2 centimetres

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

YUKON GEOLOGICAL SURVEY

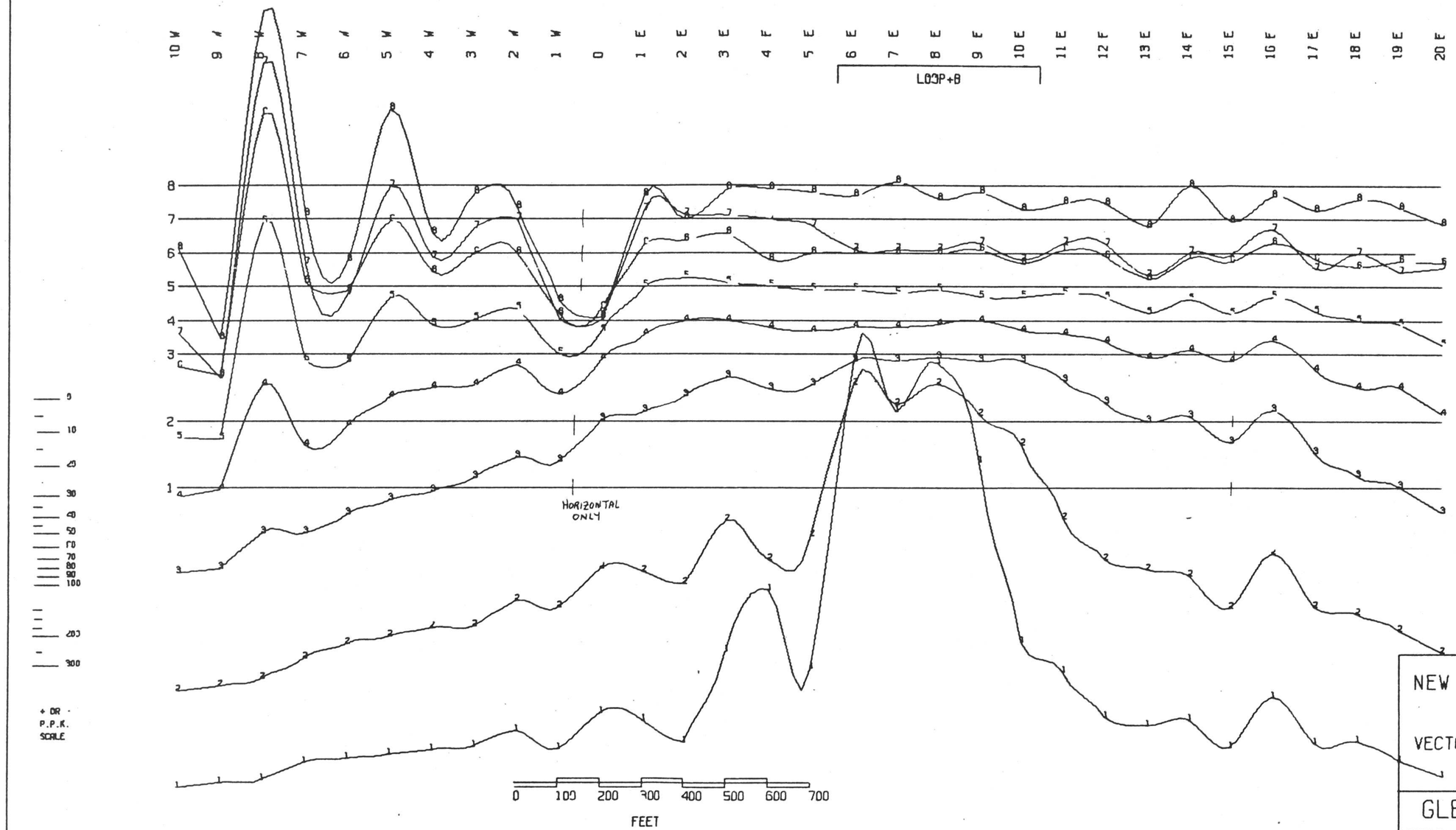
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 16S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 43



NUMBER IN THE LINE = CHANNEL NUMBER INSTRUMENT: CRONE P.E.M.

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

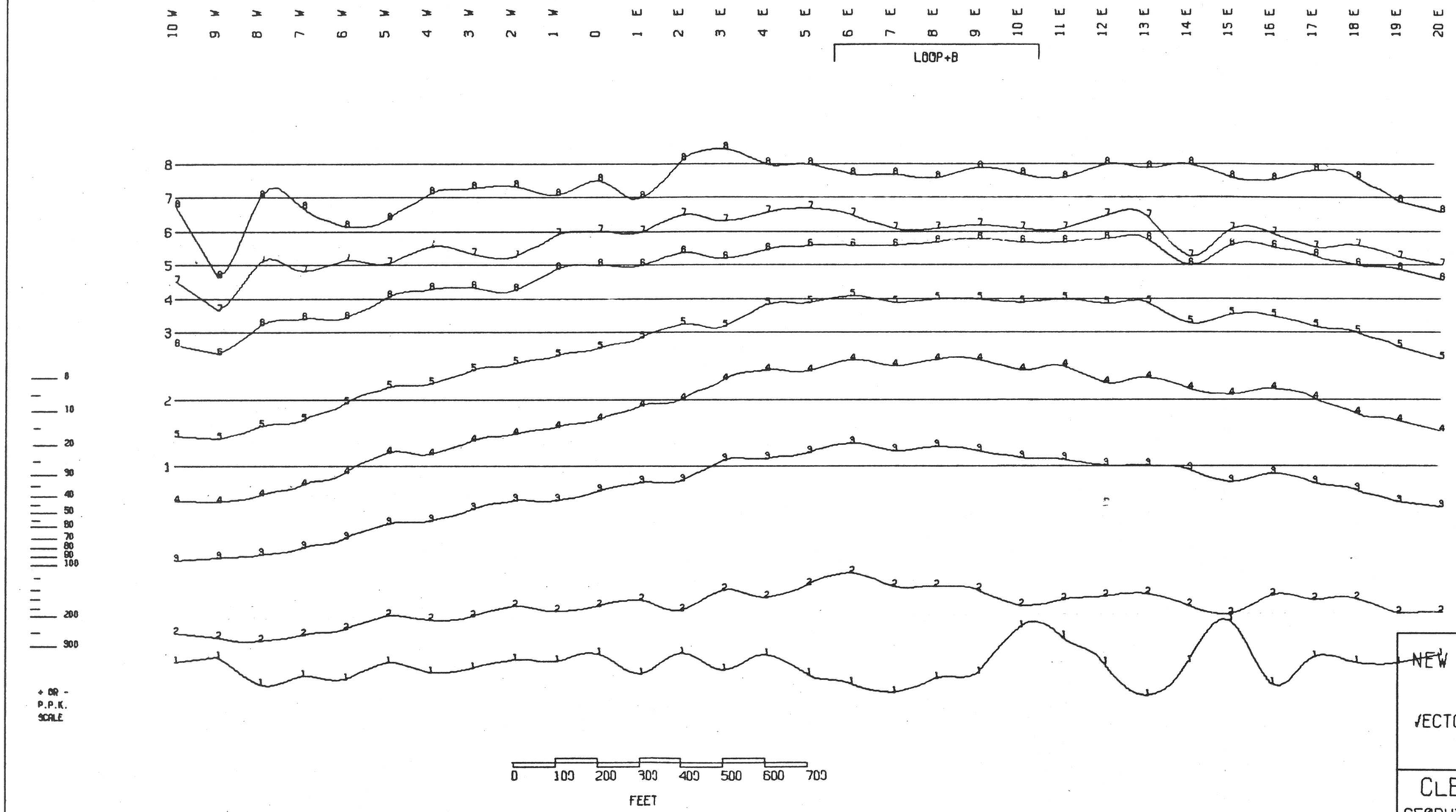
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 18S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD

N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 44



inches 0 1
centimetres 0 1 2
YUKON GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

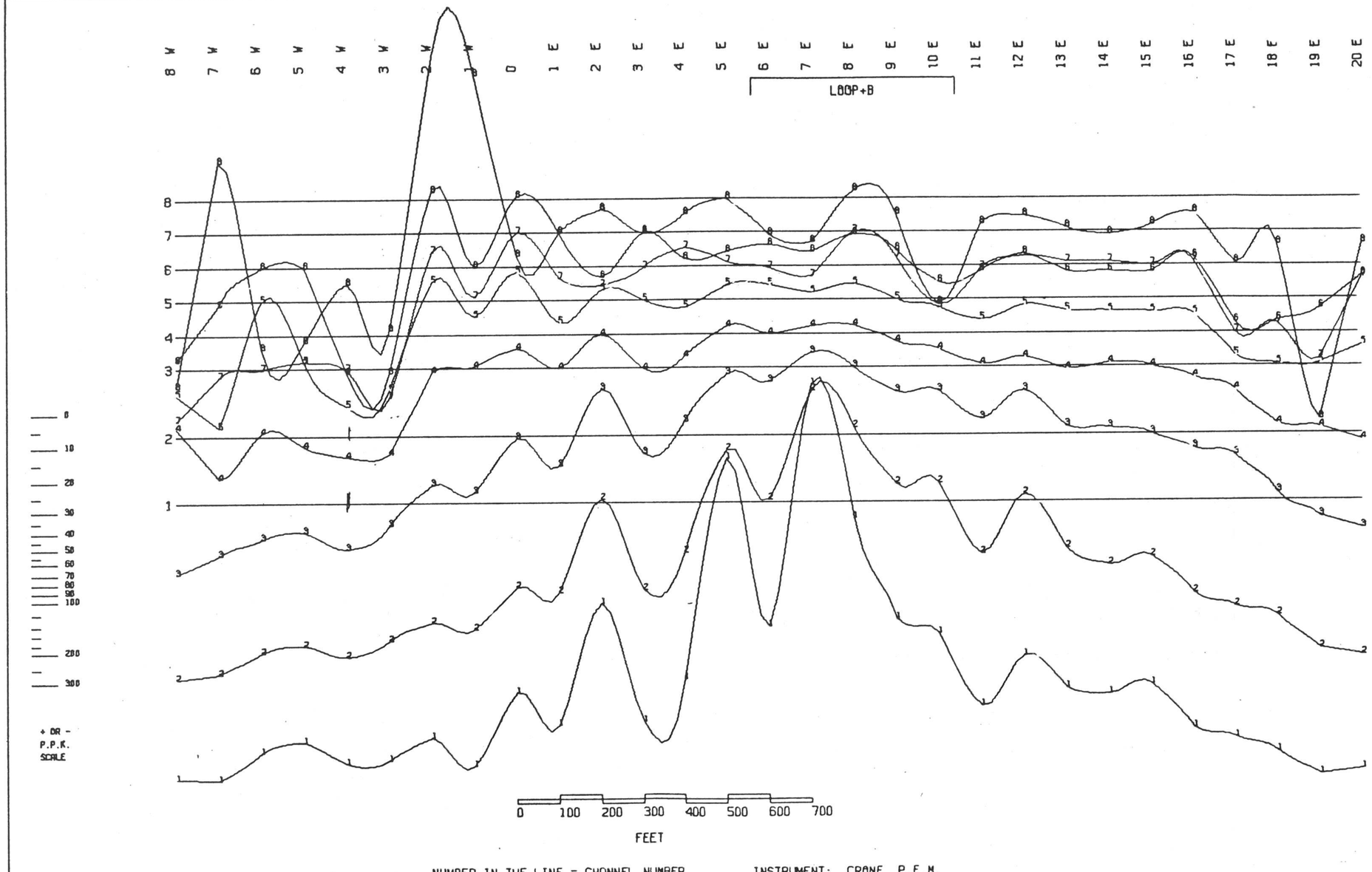
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 18S +B

CLEN F. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 105-H/6
DATE 20 MARCH 1978
FIG.NO. 45



inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

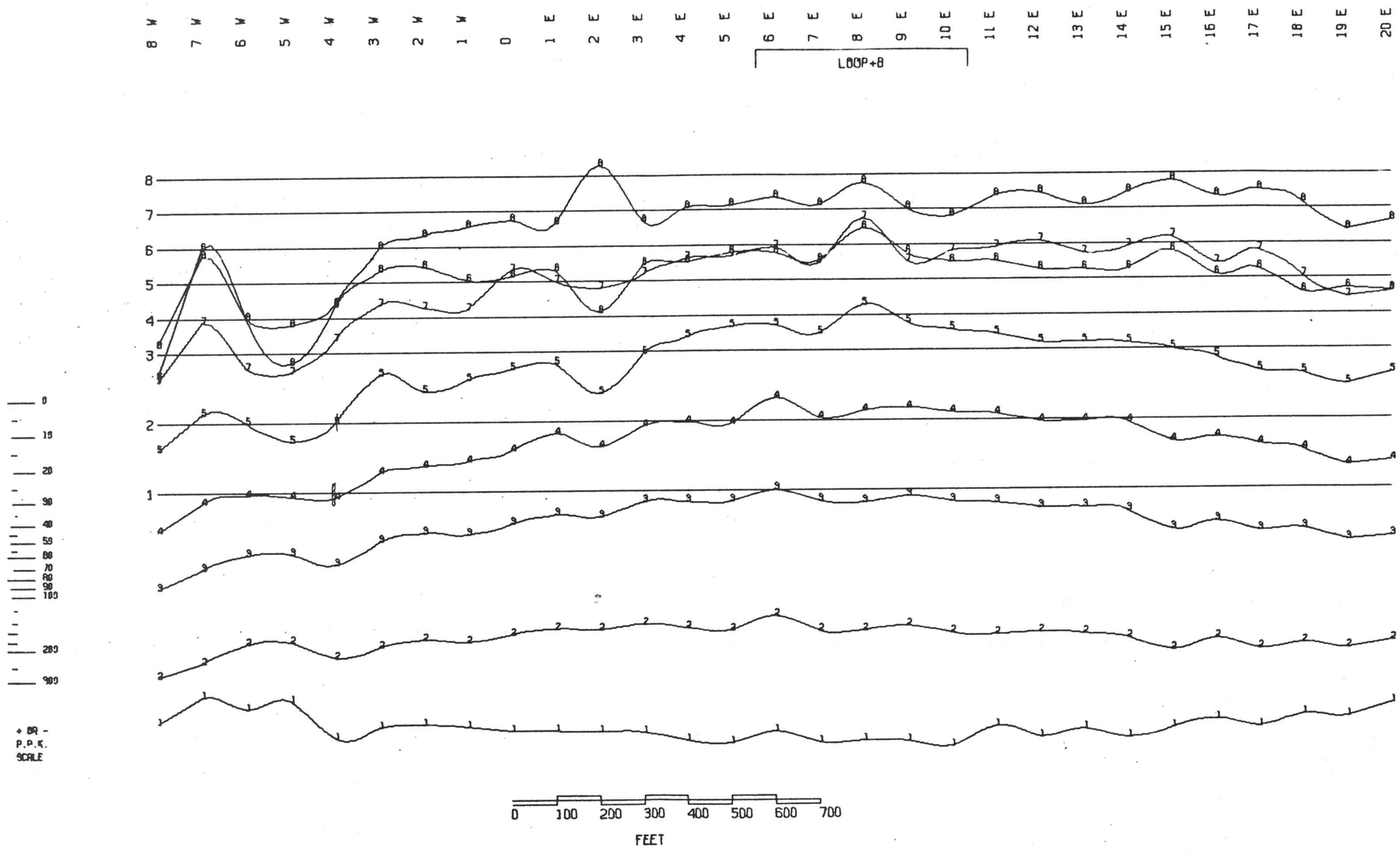
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 20S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105 H/6

DATE 20 MARCH 1979

FIG.NO: 46



inches 0 1 0 1 2 centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

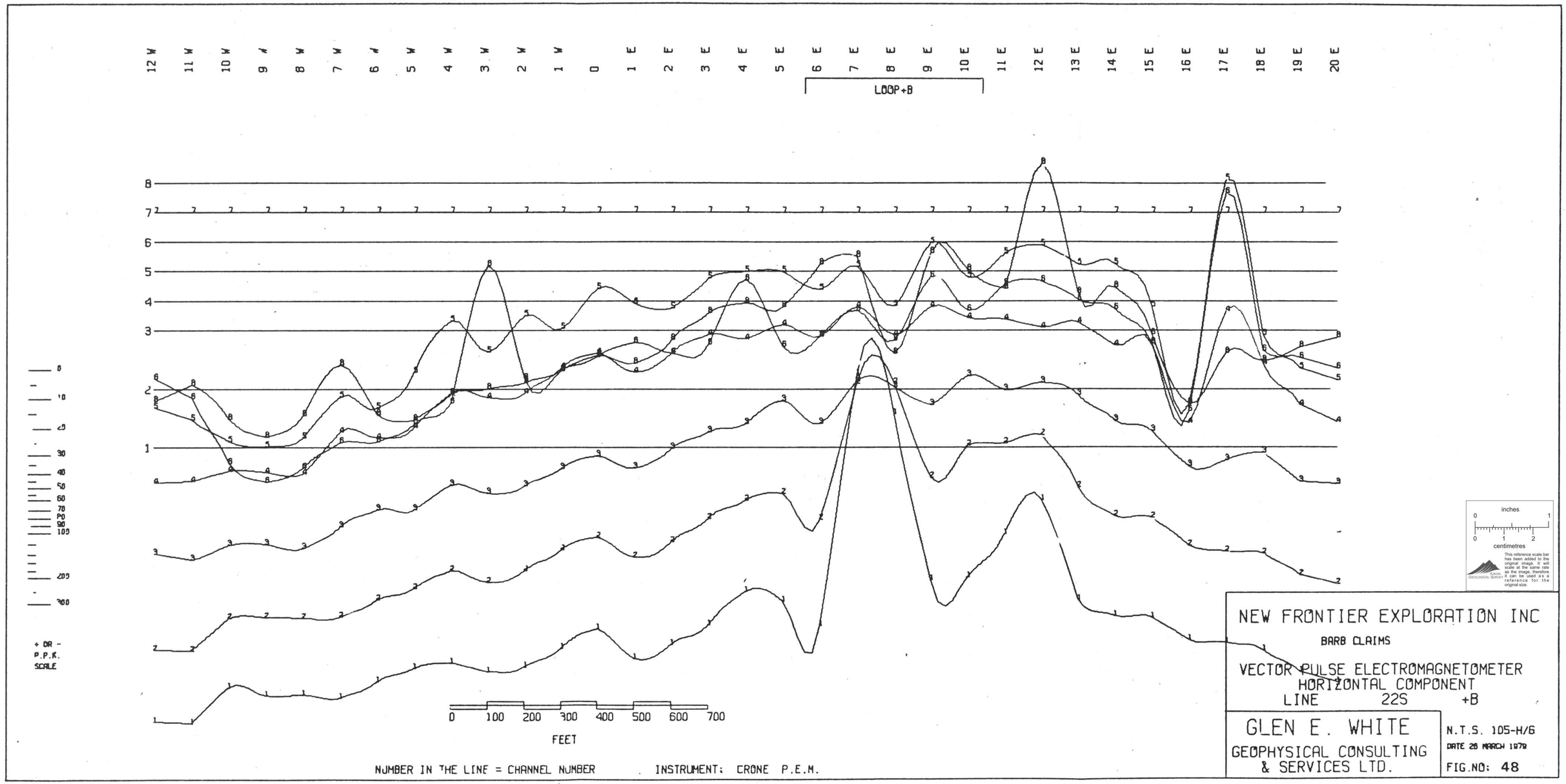
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 20S +B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 47


12 W
11 W
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2 W
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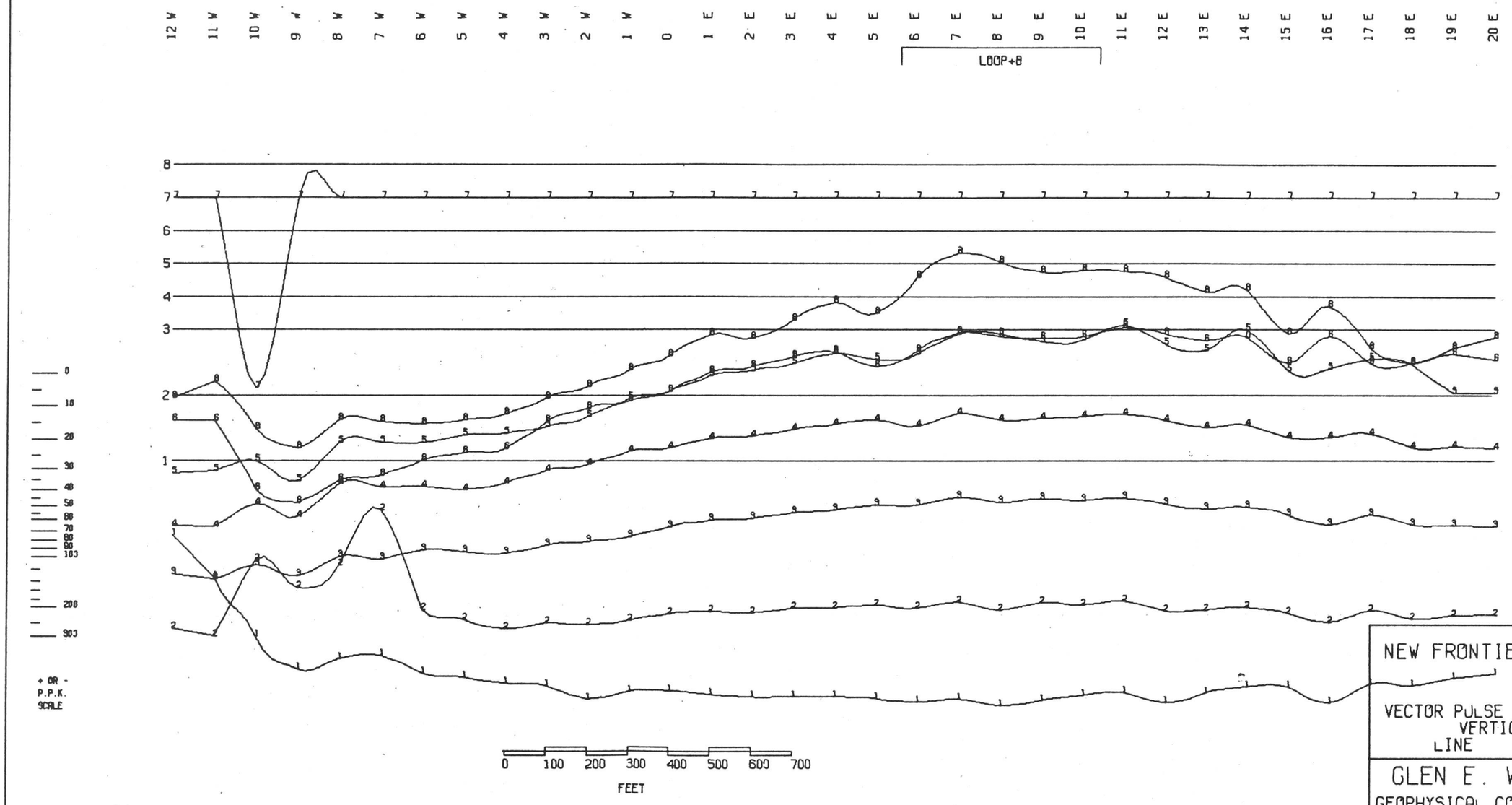
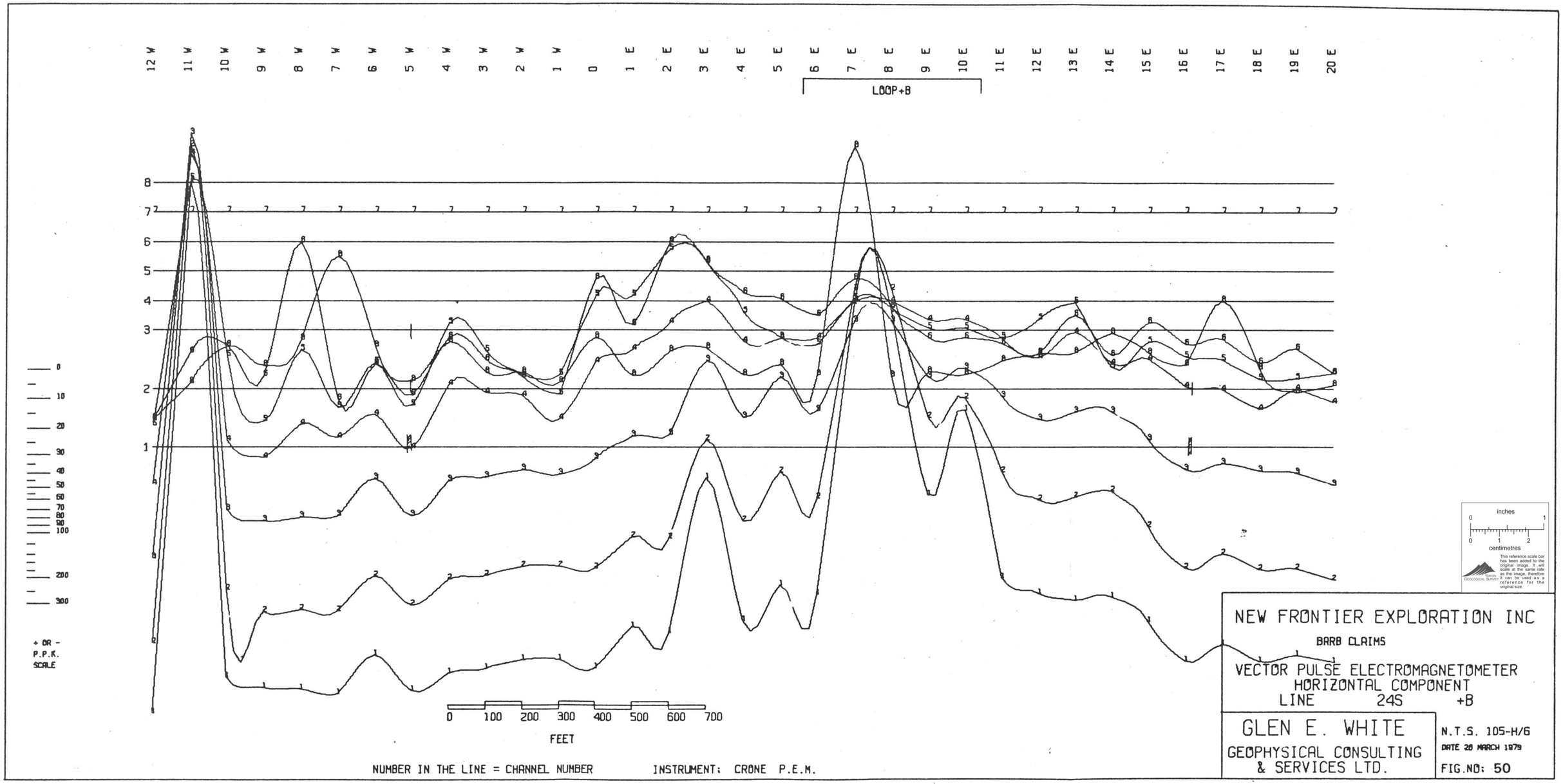
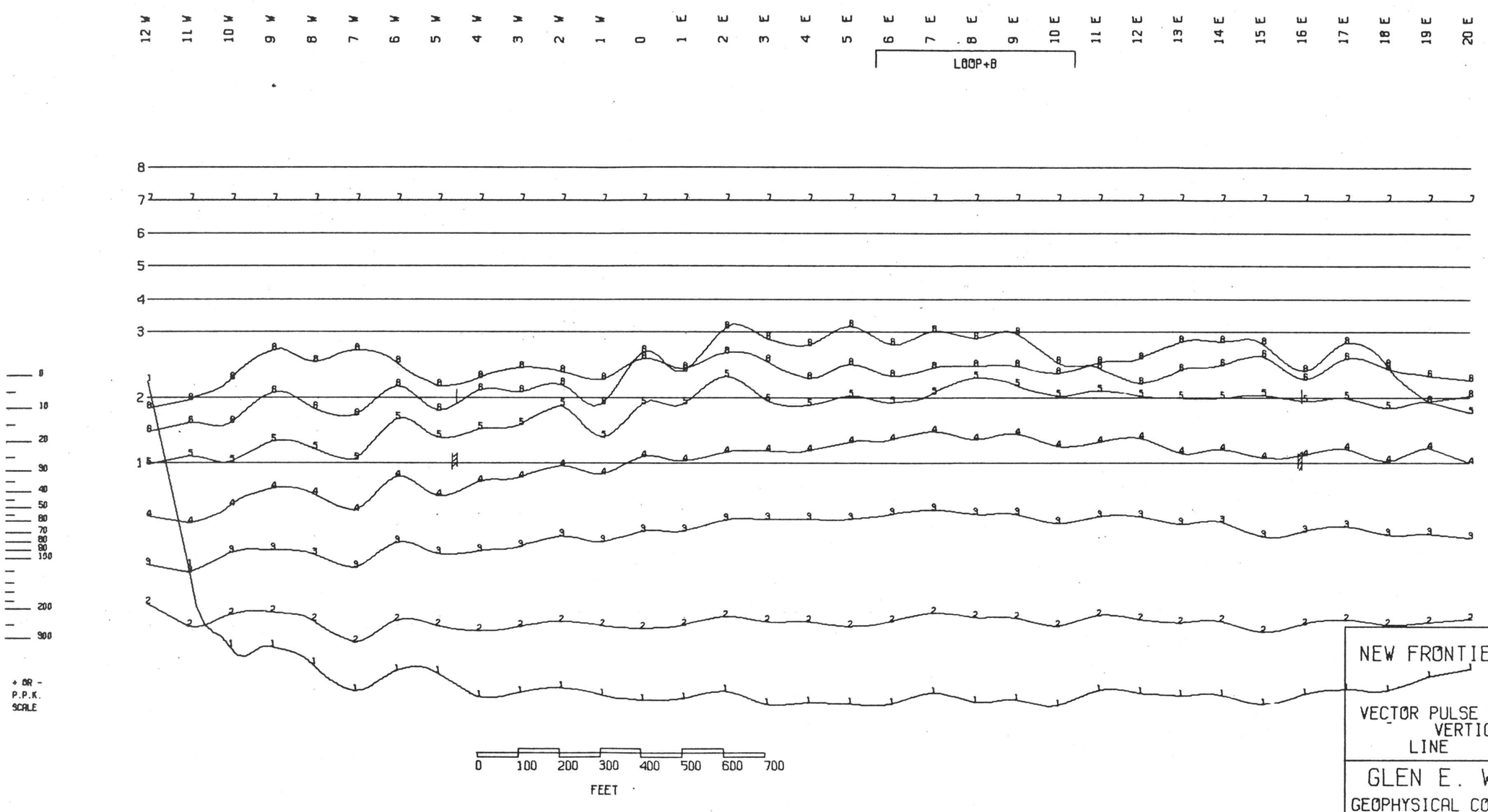
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.K.
SCALE
0
100
200
300
400
500
600
700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 22S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 48


12 W 11 W 10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E
LOOP+8
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.K.
SCALE
0 100 200 300 400 500 600 700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT; CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 22S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6
DATE 26 MARCH 1978
FIG.NO: 49


12 W
11 W
10 W
9 W
8 W
7 W
6 W
5 W
4 W
3 W
2 W
1 W
0
1 E
2 E
3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.K.
SCALE
0
100
200
300
400
500
600
700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original drawing and is at the same ratio as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 24S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 50



inches
0 1
0 1 2
centimetres

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

YUKON GEOLOGICAL SURVEY

NEW FRONTIER EXPLORATION INC

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 24S +B

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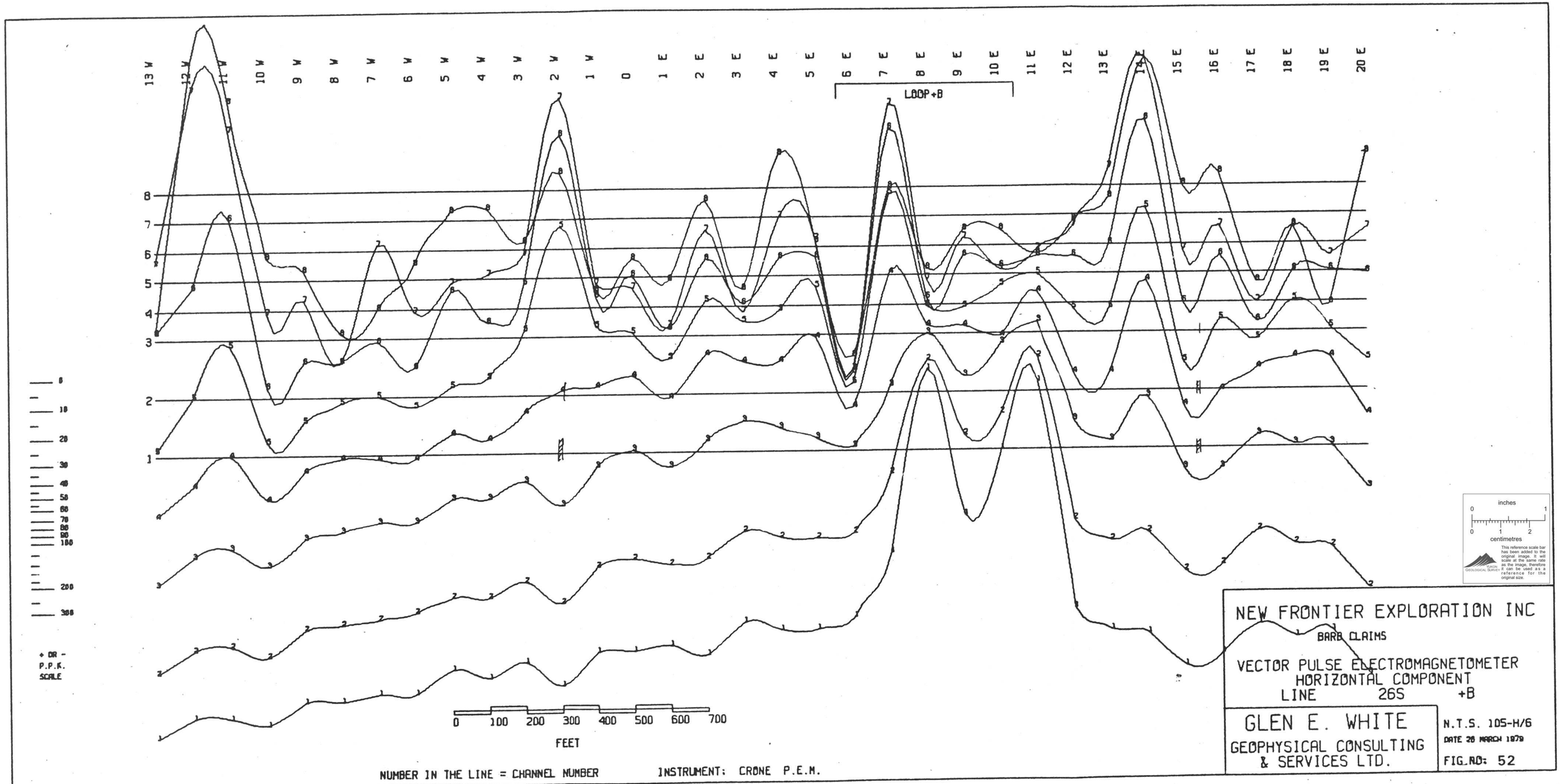
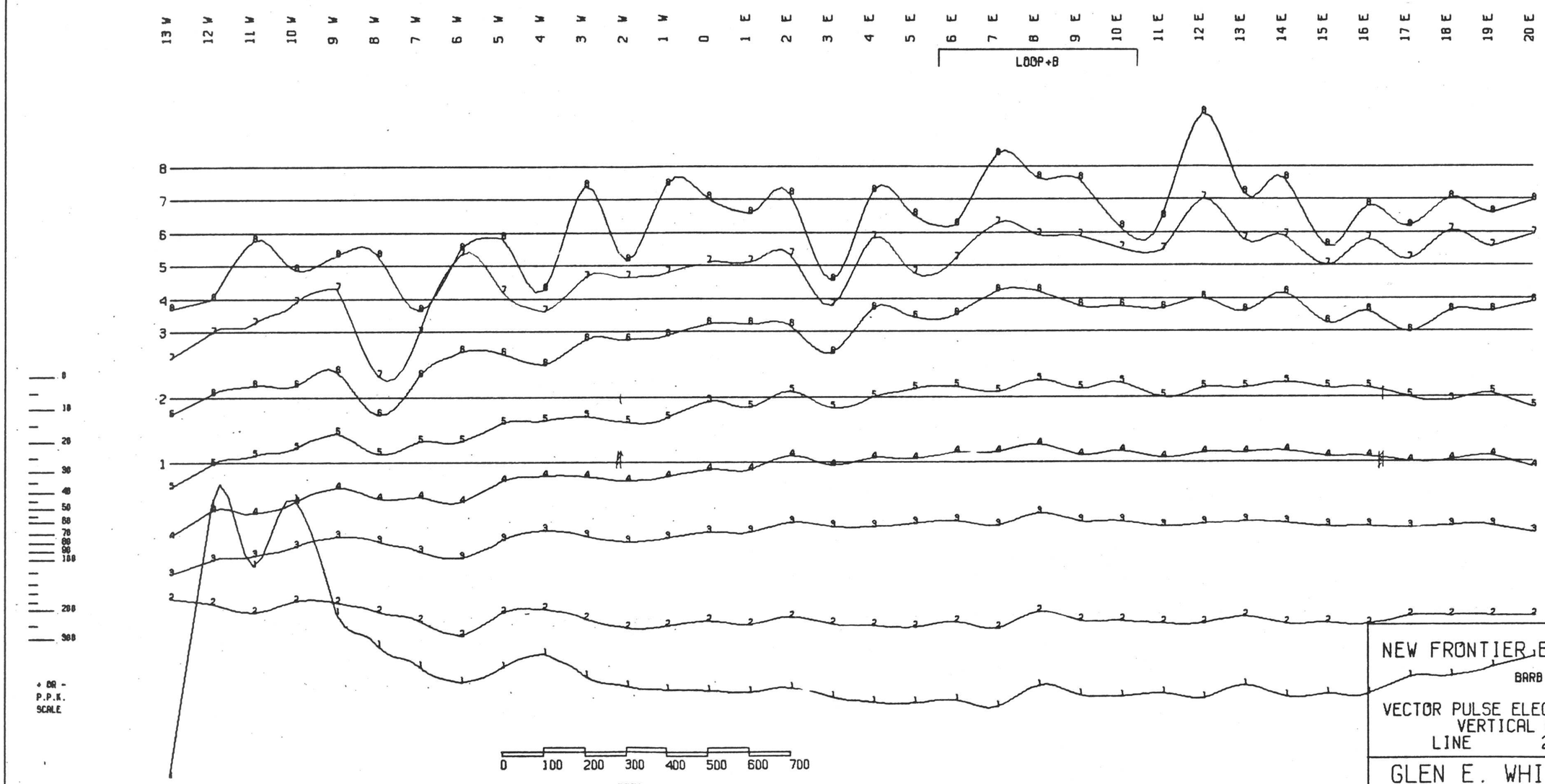
GEOPHYSICAL CONSULTING
& SERVICES LTD.

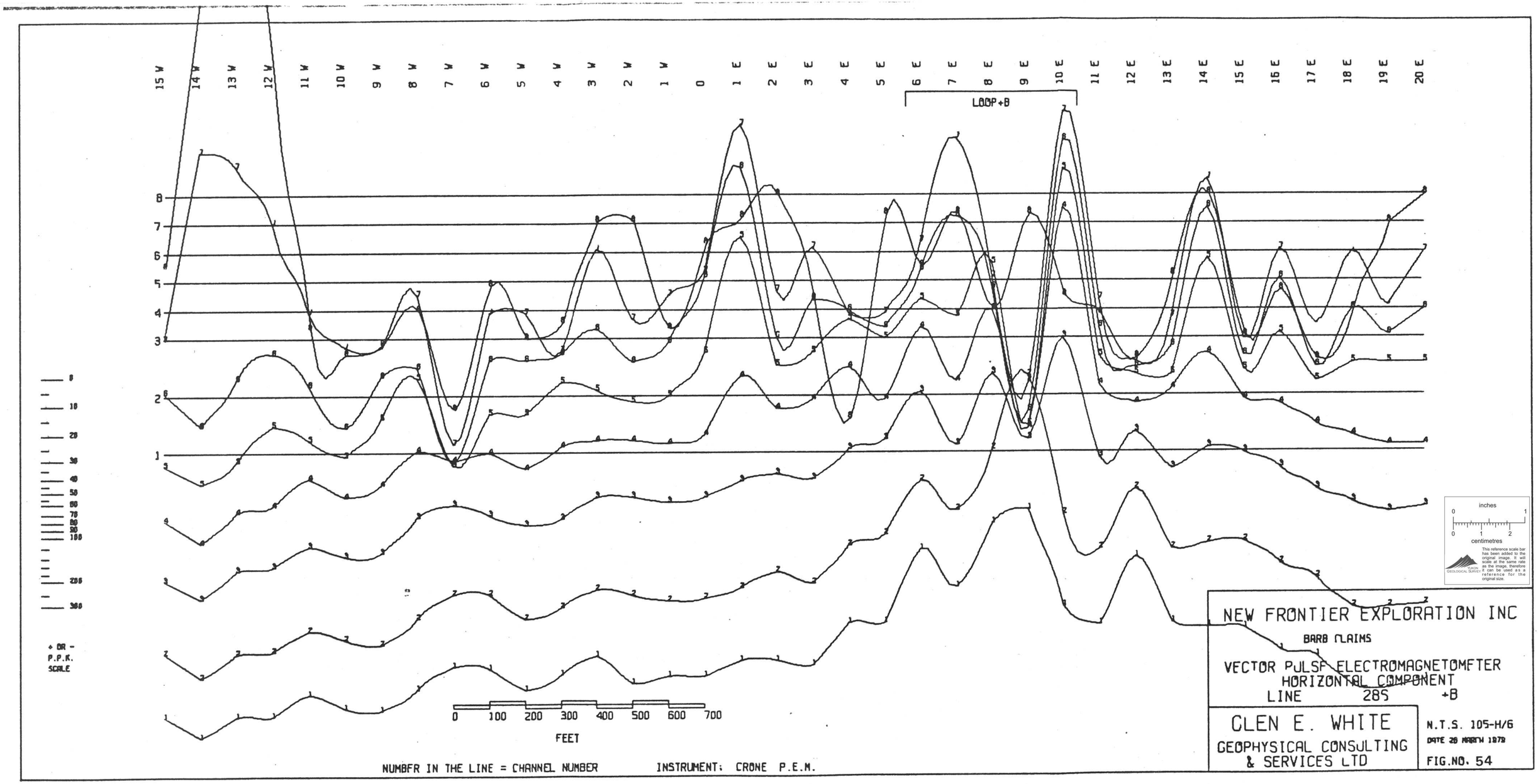
N.T.S. 105-H/6

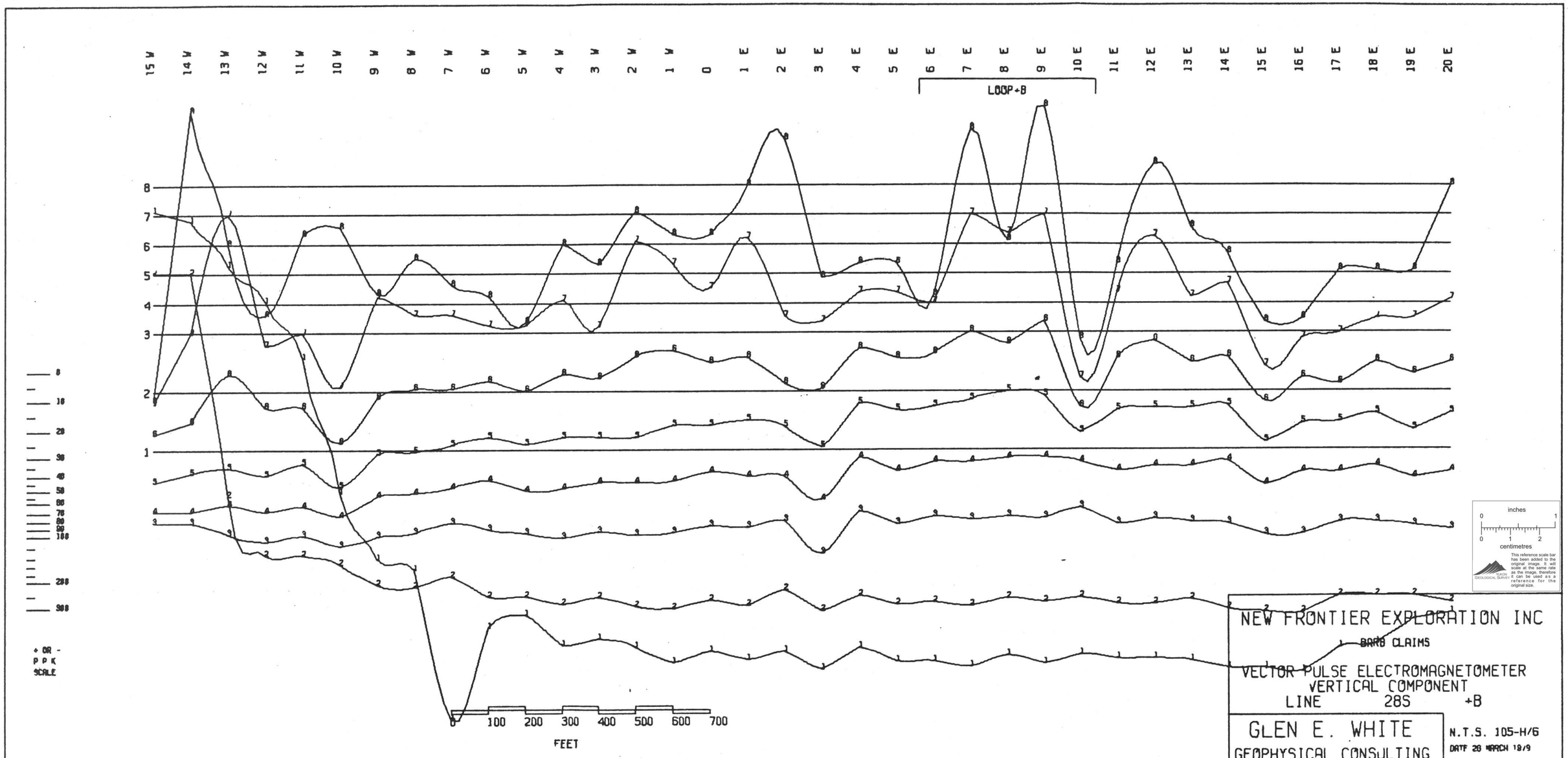
DATE 26 MARCH 1978

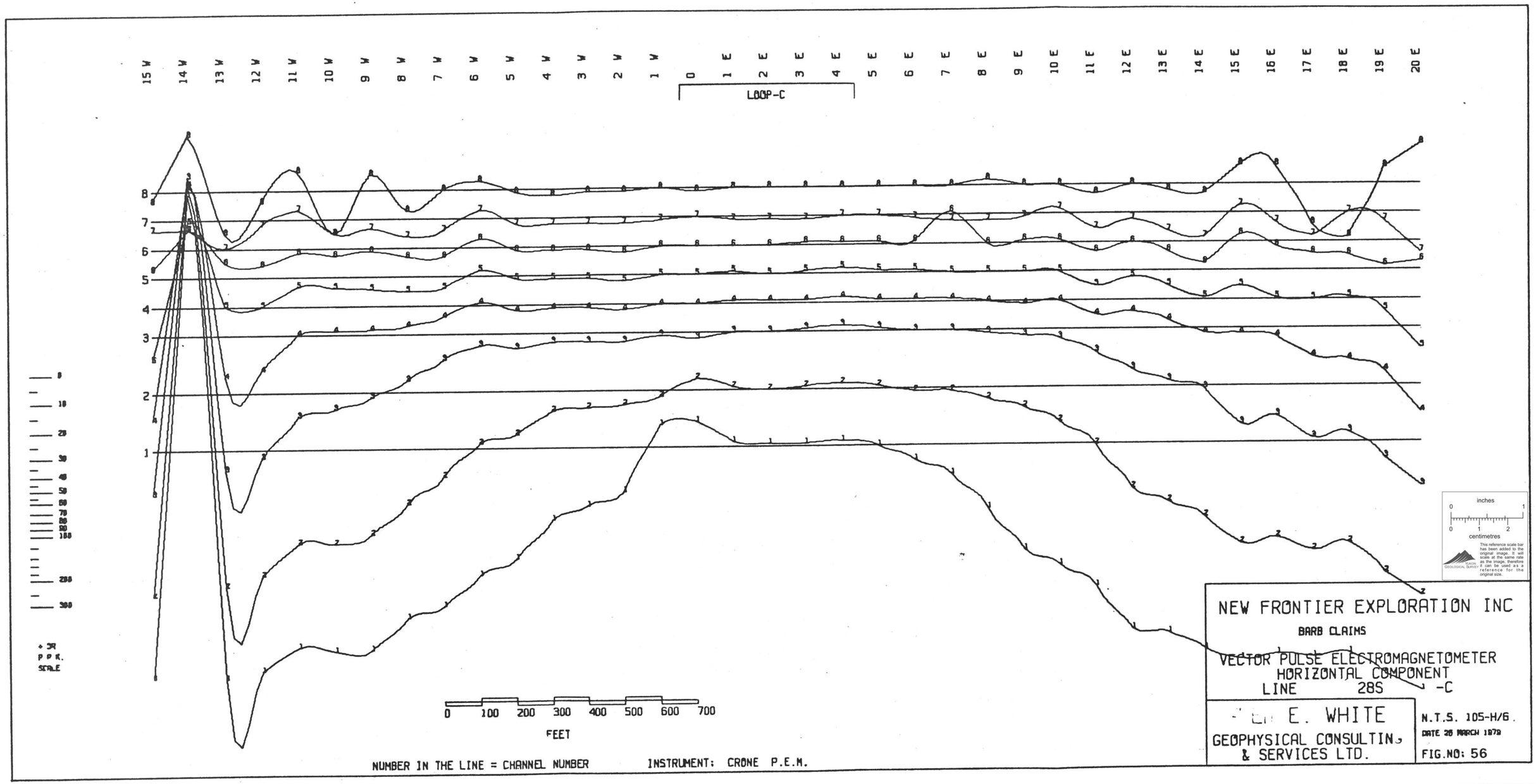
FIG.NO: 51

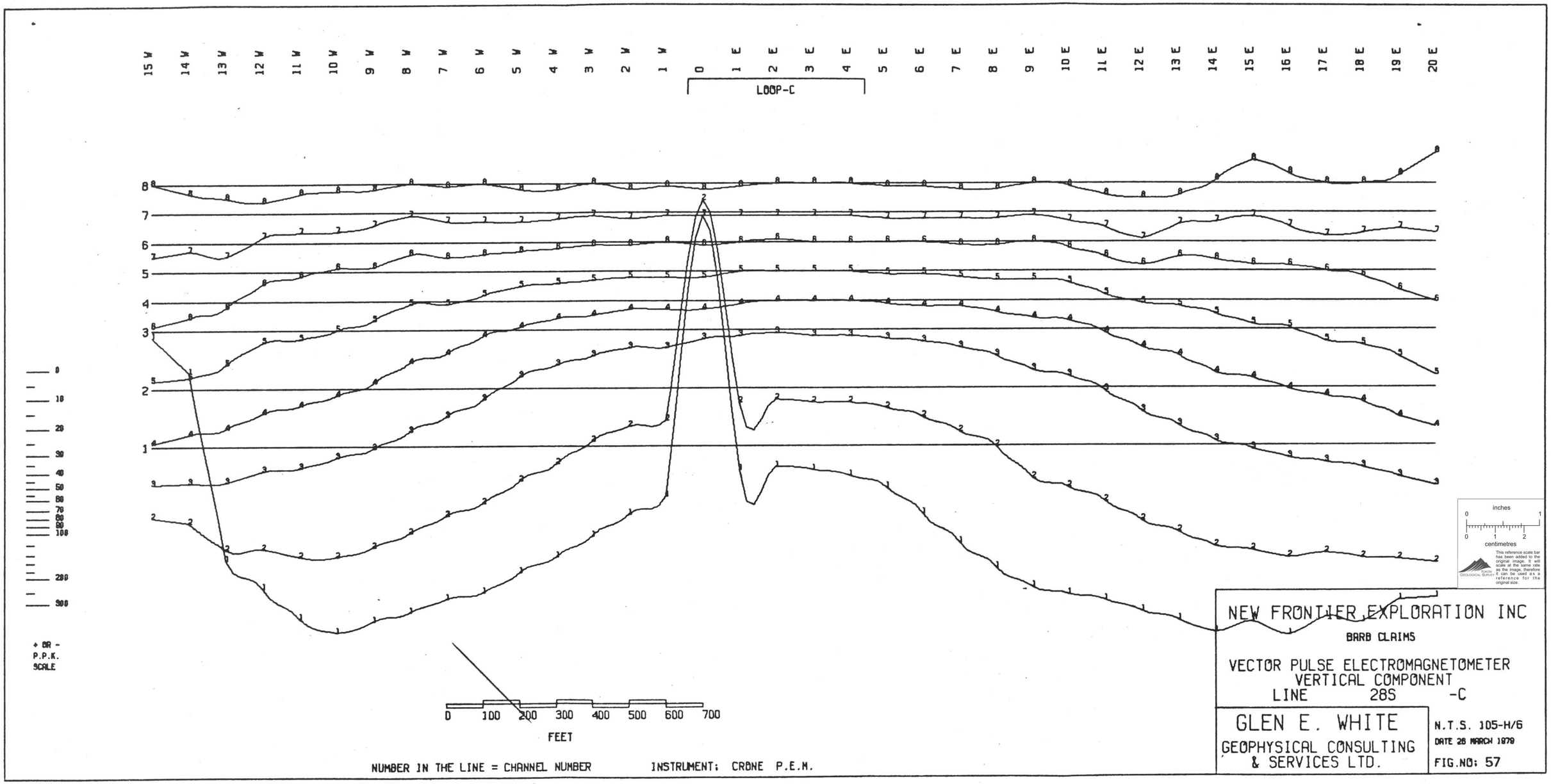

13 W
12 W
11 W
10 W
9 W
8 W
7 W
6 W
5 W
4 W
3 W
2 W
1 W
0
1 E
2 E
3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.K.
SCALE
0 100 200 300 400 500 600 700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 26S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 52


13 W
12 W
11 W
10 W
9 W
8 W
7 W
6 W
5 W
4 W
3 W
2 W
1 W
0
1 E
2 E
3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR - P.P.K. SCALE
0 100 200 300 400 500 600 700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT; CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS.
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 26S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.
N.T.S. 105-H/6
DATE 26 MARCH 1979
FIG.NO: 53


15 W
14 W
13 W
12 W
11 W
10 W
9 W
8 W
7 W
6 W
5 W
4 W
3 W
2 W
1 W
0
1 E
2 E
3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.K.
SCALE
0 100 200 300 400 500 600 700
FEET
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 28S +B
CLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD
N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO. 54


15 W
14 W
13 W
12 W
11 W
10 W
9 W
8 W
7 W
6 W
5 W
4 W
3 W
2 W
1 W
0
1 E
2 E
3 E
4 E
5 E
6 E
7 E
8 E
9 E
10 E
11 E
12 E
13 E
14 E
15 E
16 E
17 E
18 E
19 E
20 E
LOOP+B
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P P K
SCALE
0
100
200
300
400
500
600
700
FEET
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 28S +B
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 55
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.


15 W 14 W 13 W 12 W 11 W 10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E 7 E 8 E 9 E 10 E 11 E 12 E 13 E 14 E 15 E 16 E 17 E 18 E 19 E 20 E
LOOP-C
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR
P P M.
SCALE
0 100 200 300 400 500 600 700
FEET
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NEW FRONTIER EXPLORATION INC
BARB CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 28S -C
E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.
N.T.S. 105-H/6.
DATE 28 MARCH 1979
FIG.NO: 56
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



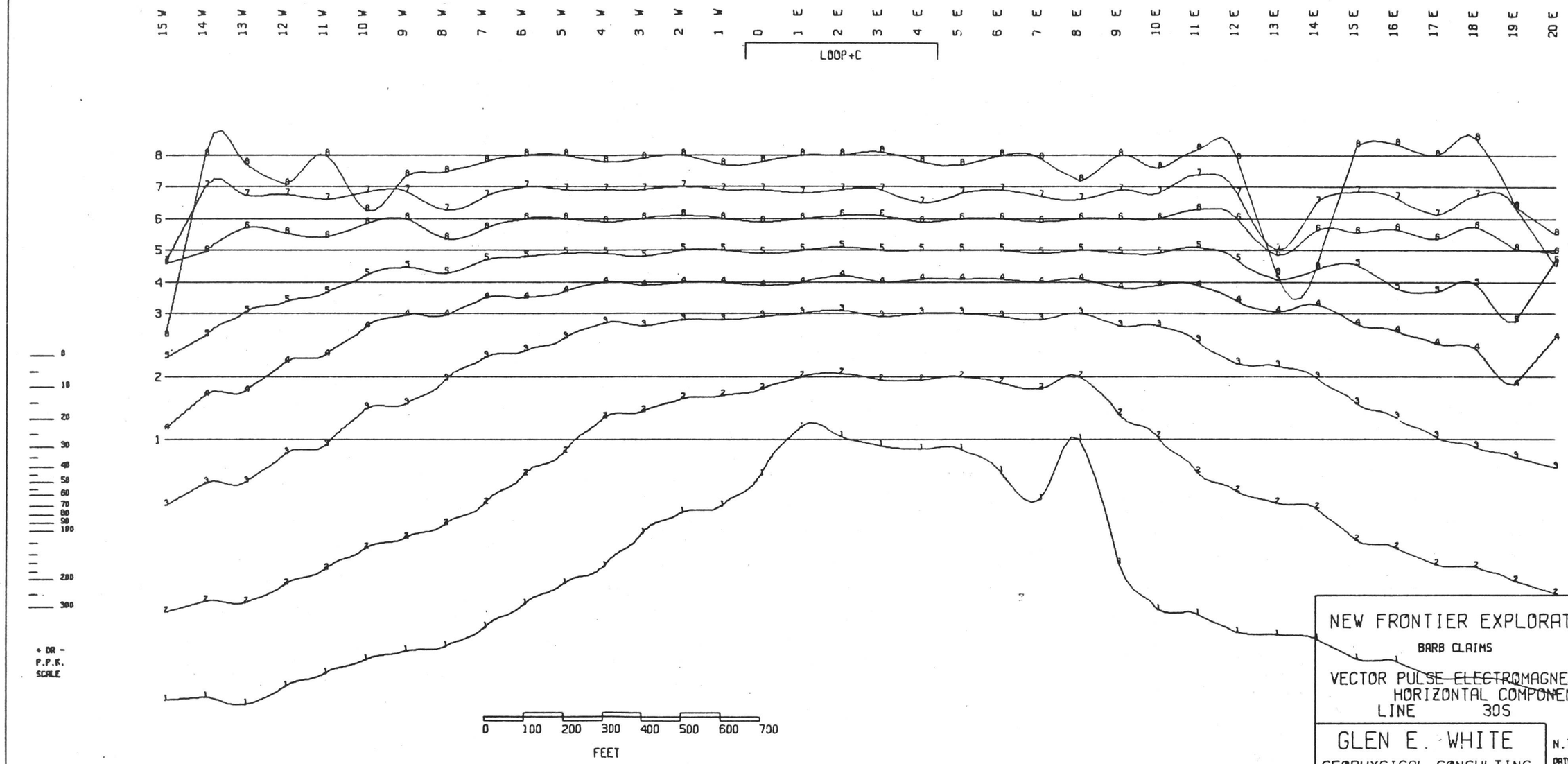
NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 28S -C

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6
DATE 28 MARCH 1979
FIG.NO: 57



NUMBER IN THE LINE = CHANNEL NUMBER INSTRUMENT: CRONE P.E.M.

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

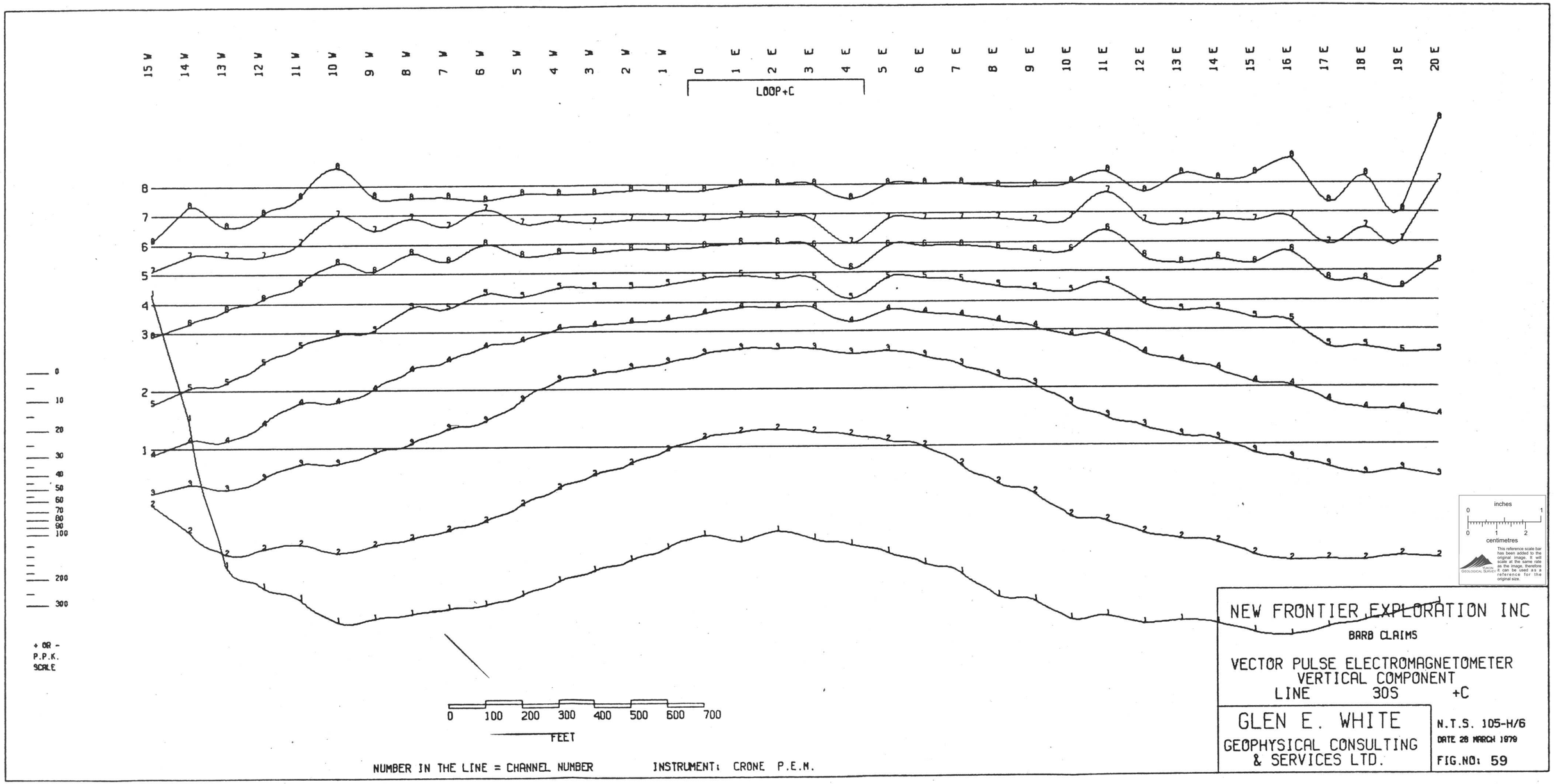
VECTOR PULSE ~~ELECTROMAGNETOMETER~~
HORIZONTAL COMPONENT
LINE 30S +C

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 105-H/6

DATE 26 MARCH 1979

FIG.NO: 58



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

NEW FRONTIER EXPLORATION INC

BARB CLAIMS

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 30S +C

GLEN E. WHITE
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N.T.S. 105-H/6

DATE 28 MARCH 1979

FIG.NO: 59