



INTER-OFFICE MEMO

July 11, 1985

DATE

cc: R. J. Bailes

TO D. W. Blackadar

FROM B. W. Smee

LARA PROJECT

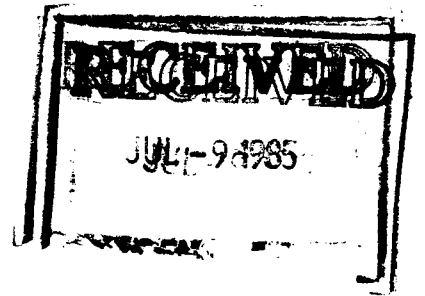
SUBJECT Kidd Creek Geophysical Test

827226

Attached are the profiles for VLF, magnetics and IP on Lines 63 and 65 which were run in the Spring by Kidd Creek. You may perhaps want to compare the VLF data with our own. The chargeability profiles appear to show the rhyolitic unit very clearly and may help in assessing the width of the pyrite-rich unit we are now drilling.

BWS:
Encls.

Barry W. Smee



Barry

Enclosed are the plots & data for lines 6300 W. and 6500 W. There may be some slight chaining errors on line 6300 W. since many of the picks were missing. Please excuse the odd station numbering for L 6300 W. We had some trouble with the automatic station incrementation. (it would not increment in 12.5 m. intervals) This problem was corrected for line 6500 W.

The V.L.F. station was Seattle @ 24.8 KHZ. The V.L.F. data is given as vertical in-phase, vertical quadrature and horizontal field strength. The vertical ~~is~~ in-phase is almost identical to tilt angle data. All readings were taken facing the station. A positive vertical in-phase implies a field dipping to your right when facing the station or in this particular case, a south dipping field.

The Induced Polarization work was done with a Schlumberger array with 175 m. between the current electrodes and 25 m. between the potential electrodes. The data can be regarded as quite indicative of the 20 to 40 m. depth. This array generally provides good horizontal resolution.

regards

Grant

P.S. if any questions arise feel free to contact me.



FALCONBRIDGE LIMITED

RECEIVED
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 CANADA
 701-1281 West Georgia Street
 Vancouver, B.C. V6E 3J7
 ABERMIN CORPORATION

TEL. (604) 946-0441
 TELEX 04-357583
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 688-5476

Expl. 182
 May 26, 1986

RFB
 JSM
 DWB

Mr. R. Bailes
 Abermin Resources Ltd.
 1500 - 1075 West Georgia Street
 Vancouver V6E 3C9

Dear Rick,

As we discussed in our telephone conversation May 21st, Falconbridge Limited has contracted Delta Geoscience to conduct a deep level IP/Resistivity survey on our Chip claims adjacent to Abermin's Lara project. We seek permission to extend this survey eastward and off our claims, along three of Abermin's grid lines which are located in the western extreme portion of Abermin's TL claim. The purpose of this step-out survey is to detect the position of a sulphide zone which we believe to be present at depth near our common claim boundary. If permission is granted, copies of all data acquired on Abermin's ground will be given to Abermin at no cost to them. The data will also be treated as confidential.

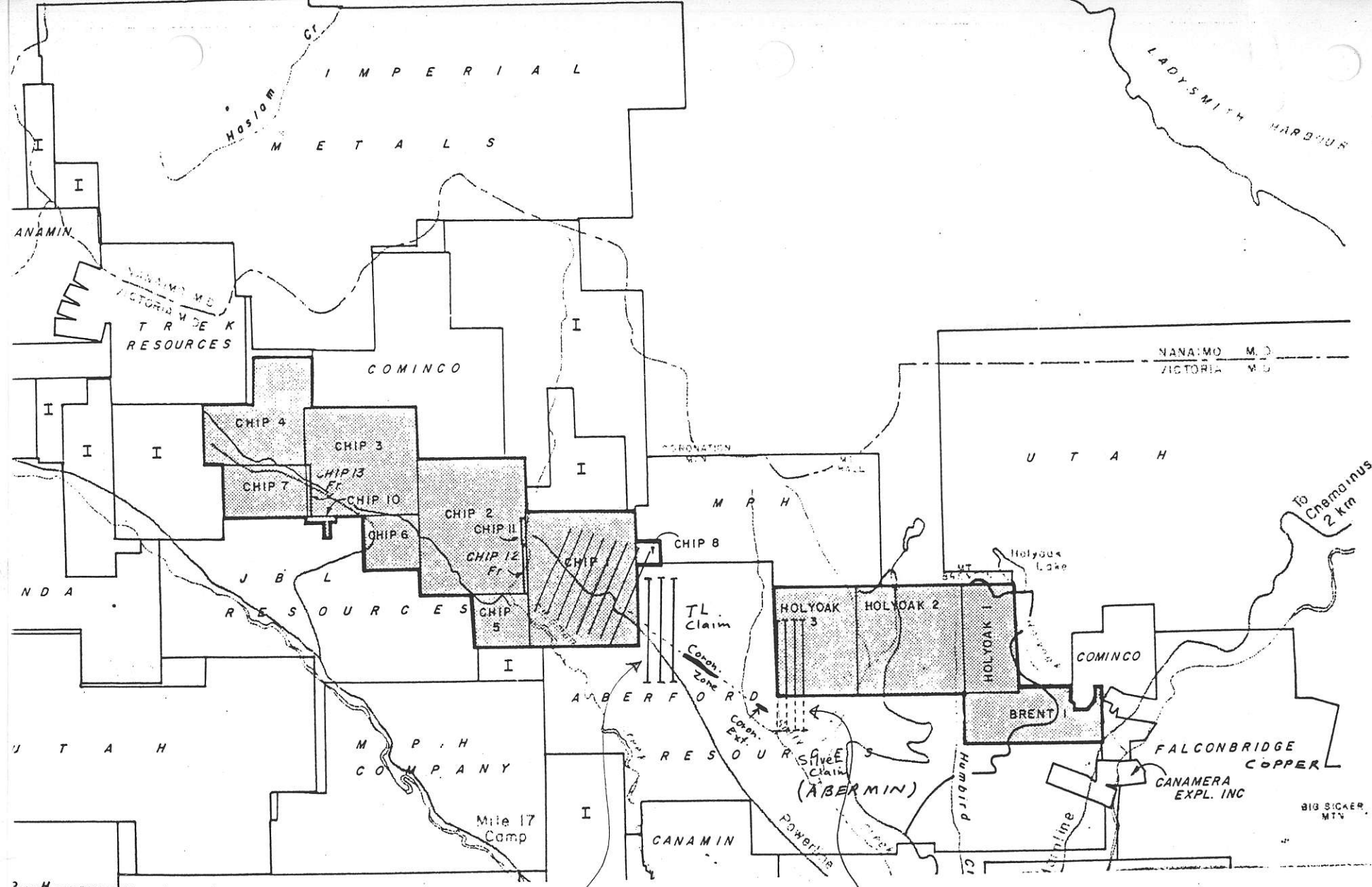
In another area covered by our survey, we also request permission to place the current electrodes several hundred metres south onto the north portion of your Silver claim. This is necessitated by the configuration of the IP/Resistivity survey and our desire to take readings to the southern limit of our Holyoak 3 claim.

While we have the instruments set up in the southwest corner of Holyoak 3, sometime in early June, Abermin might wish to avail itself of the survey's presence and to consider running one or two profiles southward across the nearby Coronation Extension Zone. Should you be interested in pursuing this opportunity please get in touch with either Richard Moore (Regional Exploration Manager for Falconbridge Limited) or me, regarding timing and conditions of such a survey extension.

We await a favourable response from you at your earliest convenience. I expect to be back in Chemainus after June 3, where I can be reached at 246-3510.

Yours truly,
 FALCONBRIDGE LIMITED

S. G. Enns
 S. G. Enns



Request permission to run 3 lines w/ deep IP/Resistivity

Request permission to place electrodes (current) on Silver claim in order to read to south border of Holyoak 3

NOT TO SCALE.

SCINTREX V1.3 VLF M-Field

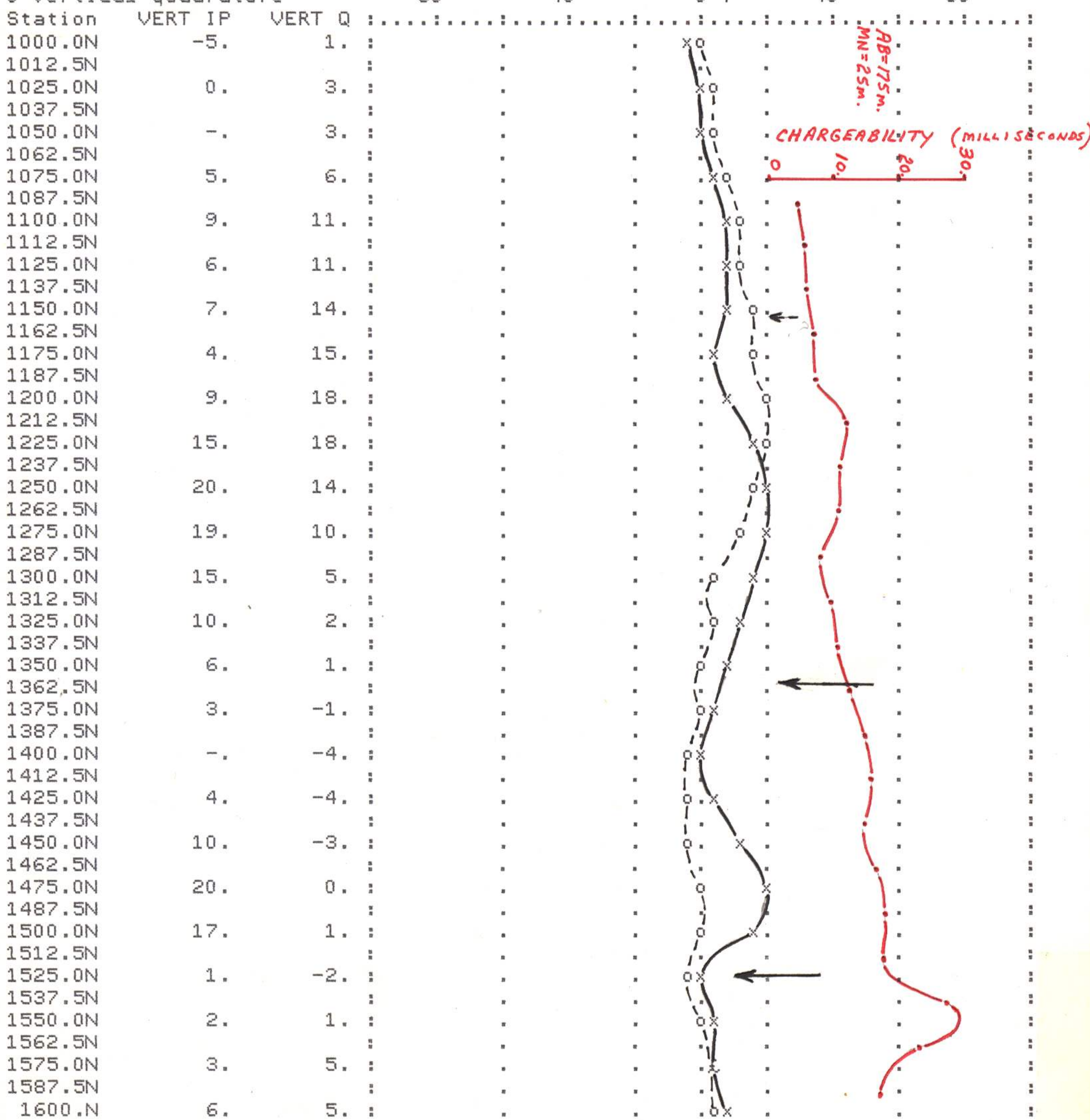
VLF £1 24.8KHz:

Ser No:403201.

Line: 6500.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.

ABERFORD

x Vertical in-phase -80 -40 - 0 + 40 80
 o Vertical quadrature -80 -40 - 0 + 40 80



SCINTREX V1.3 VLF M-Field

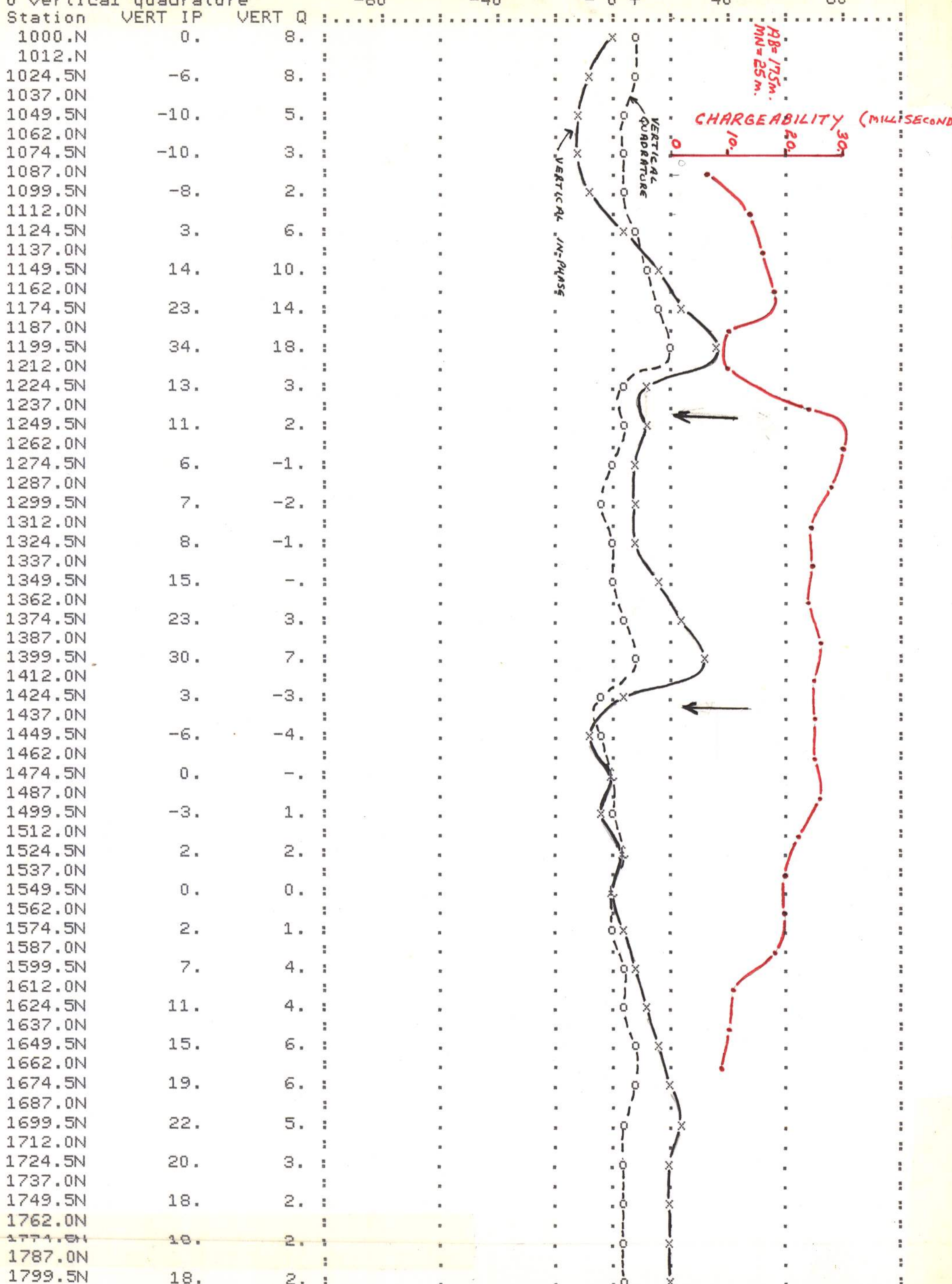
VLF £1 24.8KHz:

Ser No:403201.

Line: 6300.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.

ABERFORD

x Vertical in-phase -80 -40 - 0 + 40 80
 o Vertical quadrature -80 -40 - 0 + 40 80



SCINTREX V1.3 Magnetometer
 Base Field 56000. *Uncorrected Data Ser No:403201.
 Line: 6500.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.
 ABERFORD

x Total Field (Gammas)	0	200	400	600	800	1000
o Total Field (Gammas)	0	2000	4000	6000	8000	10000
Station	Mag Fld	Change				
1000.0N	56029.6					
1012.5N	56042.7	13.1				
1025.0N	56040.3	-2.4				
1037.5N	56046.2	5.9				
1050.0N	55993.8	-52.4				
1062.5N	55962.2	-31.6				
1075.0N	56014.0	51.8				
1087.5N	56010.7	-3.3				
1100.0N	56051.8	41.1				
1112.5N	56084.4	32.6				
1125.0N	56086.7	2.3				
1137.5N	56058.7	-28.0				
1150.0N	56069.8	11.1				
1162.5N	56058.9	-10.9				
1175.0N	56051.0	-7.9				
1187.5N	56038.4	-12.6				
1200.0N	56080.3	41.9				
1212.5N	56063.7	-16.6				
1225.0N	56067.3	3.6				
1237.5N	56083.8	16.5				
1250.0N	56084.8	1.0				
1262.5N	56083.4	-1.4				
1275.0N	56111.4	28.0				
1287.5N	56088.4	-23.0				
1300.0N	56130.7	42.3				
1312.5N	56117.3	-13.4				
1325.0N	56090.2	-27.1				
1337.5N	56080.6	-9.6				
1350.0N	56089.6	9.0				
1362.5N	56112.0	22.4				
1375.0N	56094.9	-17.1				
1387.5N	56097.3	2.4				
1400.0N	56187.2	89.9				
1412.5N	56132.0	-55.2				
1425.0N	56113.8	-18.2				
1437.5N	56063.3	-50.5				
1450.0N	56049.2	-14.1				
1462.5N	56013.0	-36.2				
1475.0N	56049.0	36.0				
1487.5N	56054.0	5.0				
1500.0N	56036.7	-17.3				
1512.5N	56087.0	50.3				
1525.0N	56026.3	-60.7				
1537.5N	56098.8	72.5				
1550.0N	56118.6	19.8				
1562.5N	56049.2	-69.4				
1575.0N	56061.3	12.1				
1587.5N	56082.3	21.0				
1600.N	56085.8	3.5				

SCINTREX V1.3 Magnetometer
 Base Field 56000. *Uncorrected Data Ser No:403201.
 Line: 6300.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.
 ABERFORD

x Total Field (Gammas)	0	200	400	600	800	1000
o Total Field (Gammas)	0	2000	4000	6000	8000	10000
Station	Mag Fld	Change				
1000.N	56047.1					
1012.N	56076.4	29.3				
1024.5N	56050.4	-26.0				
1037.0N	56061.4	11.0				
1049.5N	56049.8	-11.6				
1062.0N	56054.9	5.1				
1074.5N	56083.7	28.8				
1087.0N	56033.9	-49.8				
1099.5N	56030.6	-3.3				
1112.0N	56015.3	-15.3				
1124.5N	56082.9	67.6				
1137.0N	56038.9	-44.0				
1149.5N	56006.0	-32.9				
1162.0N	56027.5	21.5				
1174.5N	56044.9	17.4				
1187.0N	56055.1	10.2				
1199.5N	56036.6	-18.5				
1212.0N	56066.6	30.0				
1224.5N	56049.2	-17.4				
1237.0N	56052.3	3.1				
1249.5N	56058.3	6.0				
1262.0N	56050.9	-7.4				
1274.5N	56074.3	23.4				
1287.0N	56120.0	45.7				
1299.5N	56073.1	-46.9				
1312.0N	56038.7	-34.4				
1324.5N	56045.4	6.7				
1337.0N	56064.1	18.7				
1349.5N	56075.5	11.4				
1362.0N	56083.5	8.0				
1374.5N	56059.7	-23.8				
1387.0N	56046.0	-13.7				
1399.5N	56072.1	26.1				
1412.0N	56064.3	-7.8				
1424.5N	56089.0	24.7				
1437.0N	56098.7	9.7				
1449.5N	56180.6	81.9				
1462.0N	56174.5	-6.1				
1474.5N	56096.8	-77.7				
1487.0N	56069.6	-27.2				
1499.5N	56049.8	-19.8				
1512.0N	56051.5	1.7				
1524.5N	56060.2	8.7				
1537.0N	56058.9	-1.3				
1549.5N	56045.0	-13.9				
1562.0N	56054.6	9.6				
1574.5N	56083.4	28.8				
1587.0N	56054.2	-29.2				
1599.5N	56063.2	9.0				
1612.0N	56048.8	-14.4				
1624.5N	56066.5	17.7				
1637.0N	56098.1	31.6				
1649.5N	56066.6	-31.5				
1662.0N	56089.9	23.3				
1674.5N	56106.3	16.4				
1687.0N	56105.2	-1.1				
1699.5N	56114.1	8.9				
1712.0N	56113.1	-1.0				
1724.5N	56108.3	-4.8				
1737.0N	56095.2	-13.1				
1749.5N	56087.0	-8.2				
1762.0N	56102.7	15.7				
1774.5N	56136.8	34.1				
1787.0N	56157.9	21.1				
1799.5N	56149.5	-8.4				

 SCINTREX V1.3 VLF M-Field

VLF #1 24.8KHz:

Ser No:403201.

Line: 6500.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.

ABERFORD

Station	Vert	IP	Vert	Q	HOR	FLD	Information
1000.0N		-5		1	211.00		11:12:48
1012.5N							
1025.0N		0		3	219.00		11:11:06
1037.5N							
1050.0N		-0		3	218.00		11:09:51
1062.5N							
1075.0N		5		6	219.00		11:08:12
1087.5N							
1100.0N		9		11	231.00		11:06:45
1112.5N							
1125.0N		6		11	241.00		11:05:34
1137.5N							
1150.0N		7		14	244.00		11:04:27
1162.5N							
1175.0N		4		15	240.00		11:03:20
1187.5N							
1200.0N		9		18	230.00		11:02:08
1212.5N							
1225.0N		15		18	234.00		11:00:47
1237.5N							
1250.0N		20		14	247.00		10:59:26
1262.5N							
1275.0N		19		10	268.00		10:58:10
1287.5N							
1300.0N		15		5	285.00		10:56:37
1312.5N							
1325.0N		10		2	288.00		10:55:27
1337.5N							
1350.0N		6		1	287.00		10:54:13
1362.5N							
1375.0N		3		-1	290.00		10:53:02
1387.5N							
1400.0N		-0		-4	271.00		10:51:53
1412.5N							
1425.0N		4		-4	255.00		10:50:38
1437.5N							
1450.0N		10		-3	252.00		10:49:33
1462.5N							
1475.0N		20		0	257.00		10:48:04
1487.5N							
1500.0N		17		1	303.00		10:46:50
1512.5N							
1525.0N		1		-2	304.00		10:44:59
1537.5N							
1550.0N		2		1	275.00		10:43:34
1562.5N							
1575.0N		3		5	280.00		10:39:19
1587.5N							
1600.N		6		5	268.00		10:37:51

 SCINTREX V1.3 VLF M-Field

VLF #1 24.8KHz:

Ser No:403201.

Line: 6300.W Grid: 2. Job: 952. Date: 85/05/17 Operator: 100.

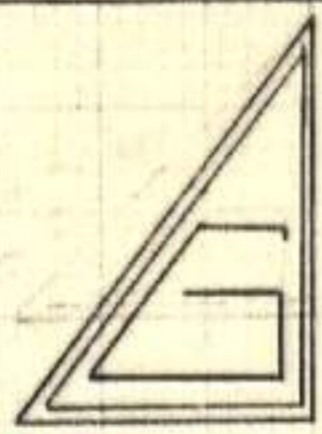
ABERFORD

Station	Vert	IP	Vert	Q	HOR	FLD	Information
1000.N		0		8	271.00		08:57:14
1012.N							
1024.5N		-6		8	270.00		09:00:29
1037.0N							
1049.5N		-10		5	255.00		09:02:14
1062.0N							
1074.5N		-10		3	234.00		09:03:56
1087.0N							
1099.5N		-8		2	221.00		09:05:24
1112.0N							
1124.5N		3		6	212.00		09:07:22
1137.0N							
1149.5N		14		10	211.00		09:10:10
1162.0N							
1174.5N		23		14	223.00		09:11:21
1187.0N							
1199.5N		34		18	251.00		09:12:39
1212.0N							
1224.5N		13		3	287.00		09:14:11
1237.0N							
1249.5N		11		2	276.00		09:15:42
1262.0N							
1274.5N		6		-1	280.00		09:17:06
1287.0N							
1299.5N		7		-2	267.00		09:19:39
1312.0N							
1324.5N		8		-1	256.00		09:21:05
1337.0N							
1349.5N		15		-0	258.00		09:22:59
1362.0N							
1374.5N		23		3	264.00		09:25:31
1387.0N							
1399.5N		30		7	334.00		09:27:06
1412.0N							
1424.5N		3		-3	383.00		09:29:30
1437.0N							
1449.5N		-6		-4	285.00		09:31:21
1462.0N							
1474.5N		0		-0	271.00		09:33:27
1487.0N							
1499.5N		-3		1	263.00		09:35:18
1512.0N							
1524.5N		2		2	262.00		09:37:02
1537.0N							
1549.5N		0		0	255.00		09:39:19
1562.0N							
1574.5N		2		1	246.00		09:40:35
1587.0N							
1599.5N		7		4	241.00		09:42:44
1612.0N							
1624.5N		11		4	245.00		09:44:16
1637.0N							
1649.5N		15		6	245.00		09:45:51
1662.0N							
1674.5N		19		6	257.00		09:47:20
1687.0N							
1699.5N		22		5	269.00		09:48:56
1712.0N							
1724.5N		20		3	276.00		09:50:35
1737.0N							
1749.5N		18		2	283.00		09:52:10
1762.0N							
1774.5N		18		2	280.00		09:54:02
1787.0N							
1799.5N		18		2	299.00		09:55:20

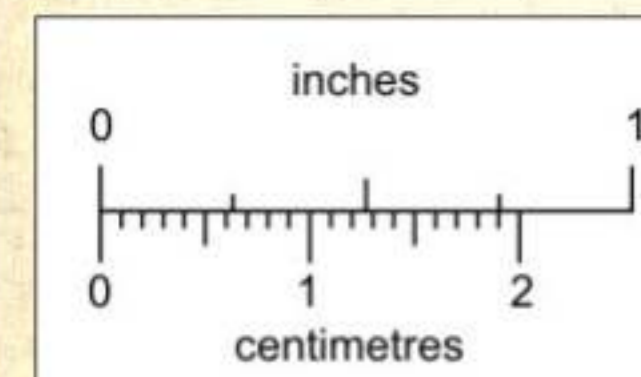
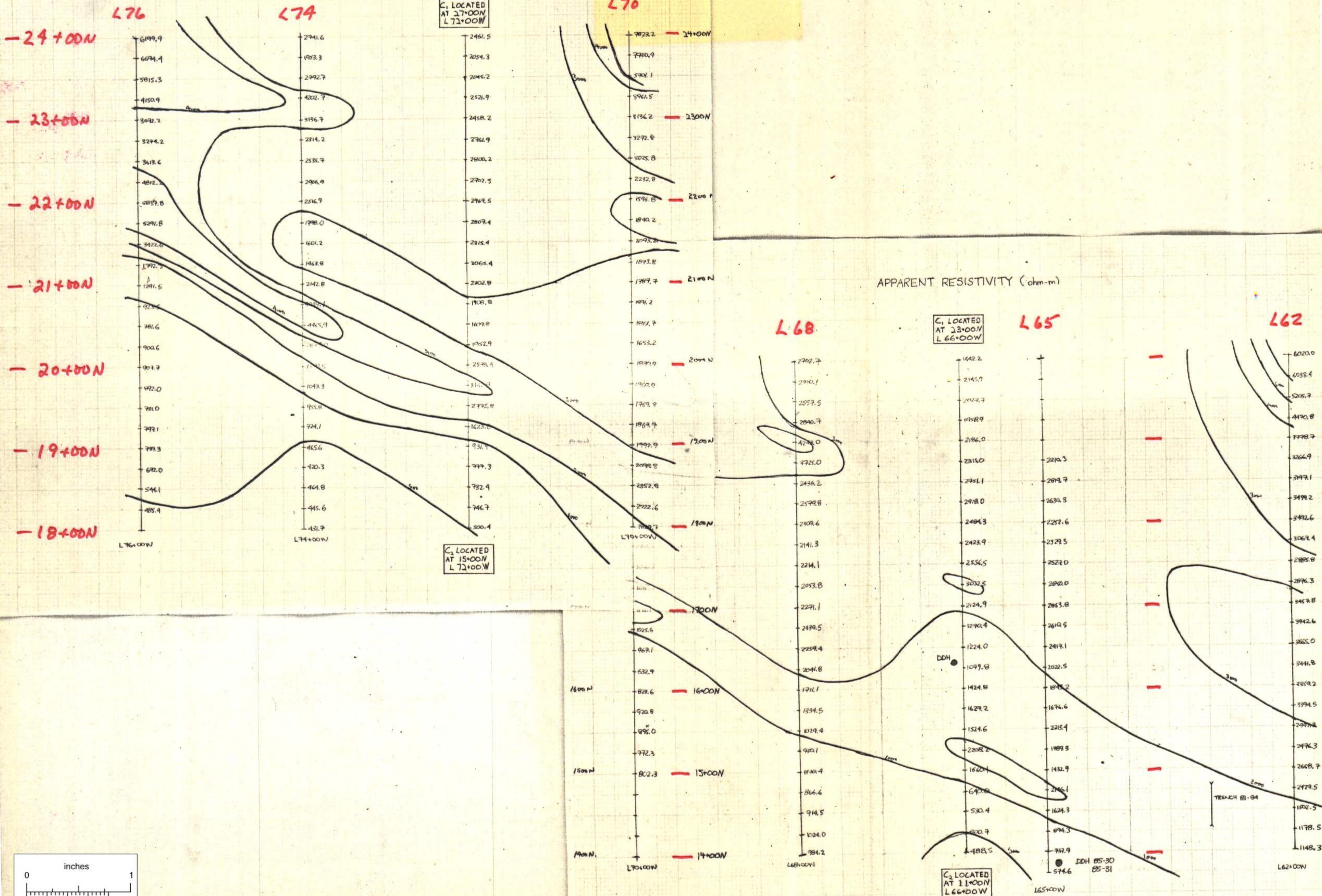
DELTA GEOSCIENCE LIMITED
 - ABERMUN -
 TL/SOLLY AREA
 MAY, 1986

GRADIENT ARRAY
 AB 1200m
 MN 50m

SCALE 1: 5000

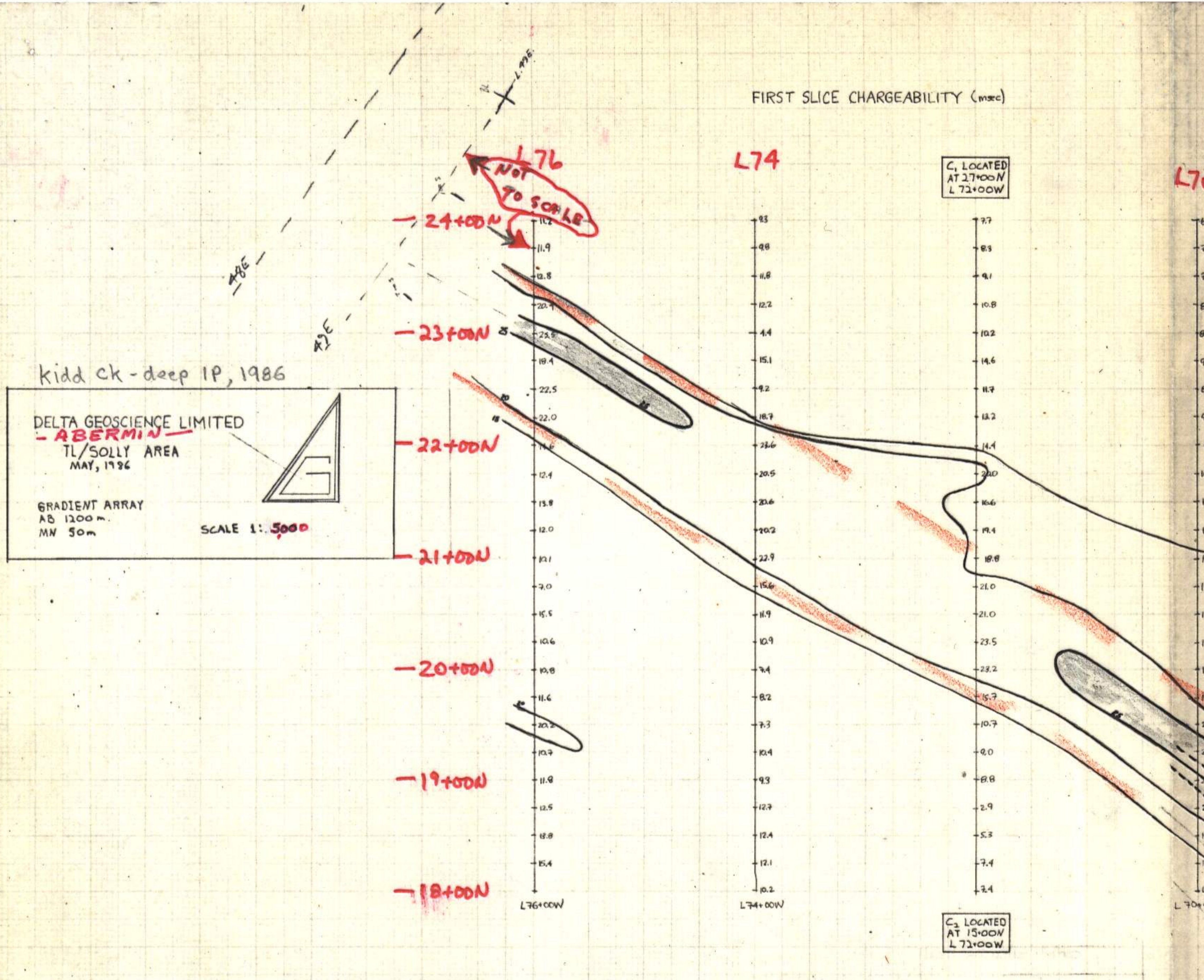


Kidd Creek
 Deep IP
 1986.

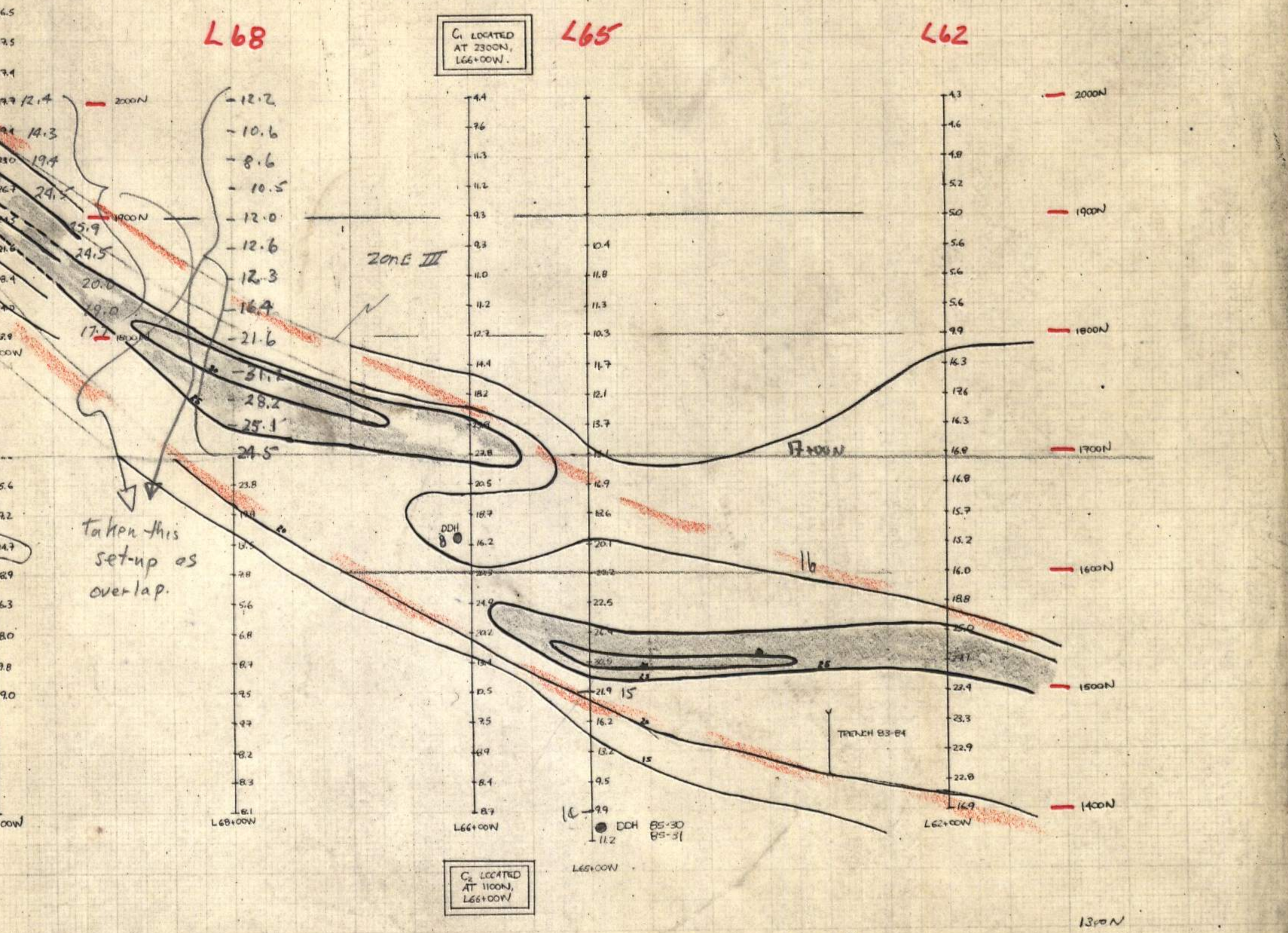


This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

FIRST SLICE CHARGEABILITY (msec)



SLICE CHARGEABILITY (msec)



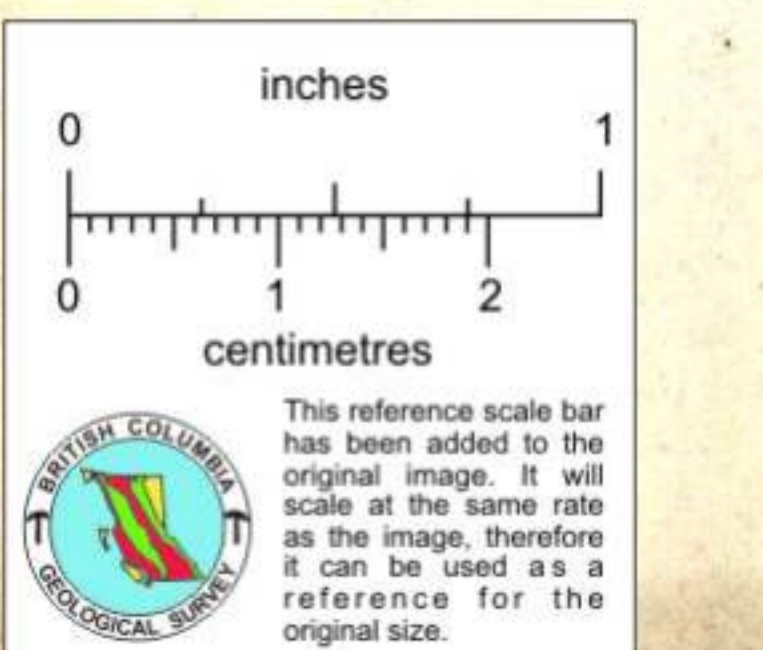
Kidd ck - deep IP, 1986

DELTA GEOSCIENCE LIMITED
 - ABERMIN -
 TL/SOLLY AREA
 MAY, 1986

GRADIENT ARRAY
 AS 1200N
 MN 50m

SCALE 1:5000

AS 1200N LOCATED ABOUT 1700N,
 LINE 66+00W
 MN: 50m
 SURVEY DATE: MAY 31, 1986



#12
 O
 CORRELATION
 ZONE

1300N