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RENISON LIMITED

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E.L. 9/76

BLUE TIER AREA - EASTERN TASMANIA

1979 ANNUAL REPORT

March 1980

by A. ROSS
Senior Exploration Geologist

Copies to: Hellyer Mining & Exploration Pty. Ltd.,
Tasmanian Mines Department
File

Note: This is a two volume Report

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SUMMARY

During 1979, further exploration for greisen-style tin deposits was carried out at two levels in the Blue Tier area i.e.,

a) At the Anchor Mine, detailed evaluation involved the completion of eight diamond drill holes, of which two intersected significant tin mineralisation. Scope exists for the delineation of further mineralisation.

b) Elsewhere in the Licence area, a regional photogeological interpretation was followed by the establishment of the Lottah Grid in the vicinity of the Anchor Mine. Geological mapping, geochemical soil sampling and induced polarisation surveys were undertaken, followed by the drilling of two geophysical anomalies with negative results. It is suggested that future ground surveys involving mapping and soil sampling techniques will be useful in the evaluation of the remainder of the Licence area.

Expenditure of $149,496 was incurred on the above programmes during calendar year 1979. For the remaining 1979-80 financial year the following programmes are recommended;

c) At the Anchor Mine.
   (i) Undertake diamond drilling of 1040m to delineate further mineralisation.
   (ii) Following this, undertake detailed reserve calculations.

d) Elsewhere,
   (i) Test a soils geochemical anomaly at 66N 500mW (Lottah Grid) by diamond drilling. (One, 200m hole).
   (ii) Following mapping of the Moon workings, test the potential of the tin-bearing granite by diamond drilling (one, 100m hole)

Expenditure of $85,000 is estimated for these programmes.

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During 1980/81, expenditure of $142,000 is estimated for programmes involving infill definite drilling, bulk sampling and metallurgical testwork of the Anchor deposit. Details and timing of these programmes are dependent upon the results of (c) above.

In addition, the establishment of 25 line kilometres of cut grid and subsequent mapping and soil sampling programmes in the Poimena area are recommended.

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1. INTRODUCTION

E.L. 9/76 is located 25 kilometres NW of St. Helens, NE Tasmania, and covers the Blue Tier Tinfield which produced approximately 4000 tons of tin from outcropping lode deposits during the period, 1970's to 1920's (Diagram 1).

Renison Limited commenced exploration for concealed large tonnage greisen style tin deposits in late 1977. Detailed evaluation of the old Anchor Mine indicated the presence of approximately 2.5 million tonnes of 0.27 % Sn (Annual Report, November 1978).

Work during 1979 has been directed towards;

a) the location of further mineralisation at the Anchor Mine,

b) the detection of concealed mineralisation elsewhere in the Licence Area.

2. LICENCE TENURE

Renison Limited is the Operator under a Joint Venture Agreement with Hellyer Mining and Exploration Pty. Limited, the holders of E.L. 9/76.

Several Mining Leases also occur within the Licence boundary and these are held by other parties, the details of which are dealt with in the 1978 Annual Report. No significant alterations occurred during the year, although the status of leases in the vicinity of the F-B Lode should be monitored following the death of the lessee, Mr. R.G. Hyde.

3. EXPENDITURE

A total of $368,642 has been expended by Renison Limited since October 1977, made up of;

Financial Year 1977-78	$166,670
" " 1978-79	86,976
to December 25th, 1979	114,996
TOTAL	$368,642

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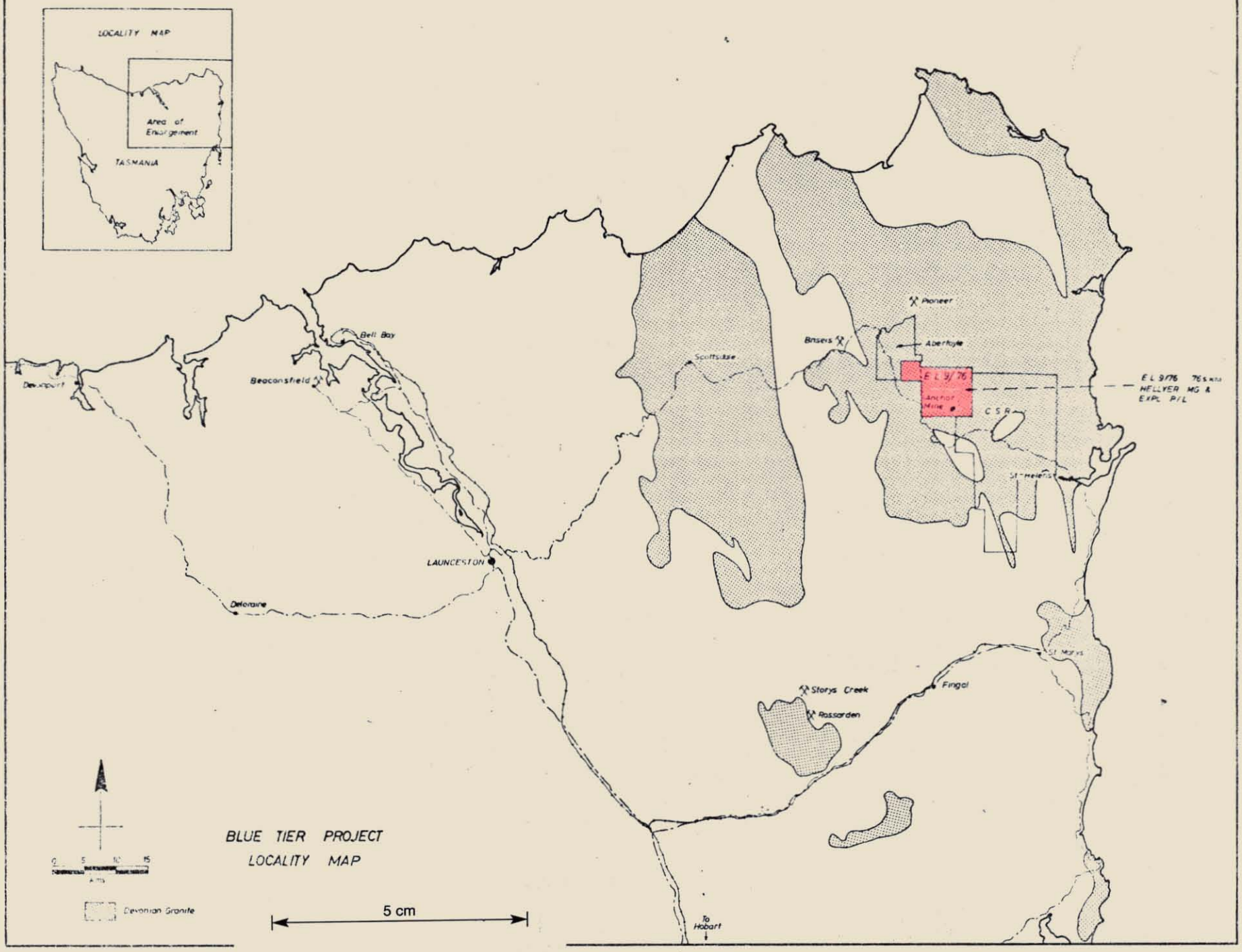
LOCALITY MAP
Area of Enlargement
TASMANIA
Devonport
Bell Bay
Beaconsfield
LAUNCESTON
Deloraine
Scottsdale
Pioneer
Binsers
Aberfoyle
E.L. 9/76
Anchor Mine
C.S.R.
EL 9/76 76 sq km
HELLYER NL & EXPL P/L
St Helens
St Marys
Storys Creek
Rossarden
Fingal
To Hobart
0 5 10 15
Kms
Devonian Granite
BLUE TIER PROJECT
LOCALITY MAP
5 cm

Diagram 1

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Details of expenditure for the current year are shown in Appendix 1.

By spending $250,000, Renison Limited's share of E.L. 9/76 is 30 %. Through the expenditure of $500,000 before September 15th 1981, this share will increase to 60 %.

4. PREVIOUS WORK

The reader is referred to the Annual Report 1978 for details of work by other parties.

To the end of 1978, Renison Limited had completed 27 diamond drill holes at the Anchor Mine together with metallurgical testwork. The latest progress report on this testwork is contained in Appendix 4.

Elsewhere in the Licence area two diamond drill holes were completed at Haley's workings near Poimena on the Blue Tier "plateau". Other work involved the investigation of geological, geochemical and geophysical aspects of the Anchor deposit to aid in the detection of concealed deposits elsewhere in the Licence area.

Briefly, the results of these programmes were;

a) Economic Potential of the Anchor Mine.
The delineation of 2.5 million tonnes of 0.27 % average tin grade in a potential open cut situation, north east of the old workings was reported. A brief investigation into the mining economics indicated the need to delineate a higher tonnage of mineralisation.

b) Style of Mineralisation
At the Anchor mine cassiterite and associated trace Cu, Zn, Ag sulphides are erratically distributed in greisenised granite, occurring in structural zones at the contact between two granite types.

c) Exploration Methods
Geophysical orientation work suggested the applicability of Induced Polarisation techniques in the search for concealed deposits. The applicability of rock geochemical haloes and their detection was unresolved.

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5. WORK COMPLETED 1979

5.1 Period, January to July 1979

5.1.1. Photogeological Interpretation

This study was undertaken by consultants, Hunting Geology and Geophysics (Aust.) Pty. Ltd for Renison Limited. Results of this work are reported in, "Photogeological Study of the Blue Tier Area" by M. Coupard. February 1979.

The aim of the study was a regional approach in identifying previously unrecognised geological relationships and fracture patterns indicative of potentially mineralised granite. To quote from the report, "the results.....have been disappointing. The individual granitic bodies exert little or no definitive influence on the vegetation or landscape and the tracing of lithological contacts between various sub types has proved a well nigh impossible task".

A major NW trending lineament was, however, identified and extends from the Anchor mine in the SE to the Weld River in the NW. Its location is shown in Figure 1. At this stage its relationship to the Anchor mineralisation is unresolved.

5.1.2. Geophysical Testwork

Further I.P. orientation work involved down-hole logging of drill holes and test electrical soundings in the Anchor mine area. This work is documented in the following reports by A.W. Howland-Rose of Scintrex Pty. Ltd.

"Comments on Down Hole E.I.P. and Resistivity 'At Hole' Logs, Anchor Mine." November 1978. Tas - 061 "Comments on Electrical Soundings at the Anchor Mine", June 1979. Tas - 071.

The results of the above work were sufficiently encouraging to justify I.P. as an exploration technique in an enlarged programme.

SEARCH TECHNIQUES

DIRECT

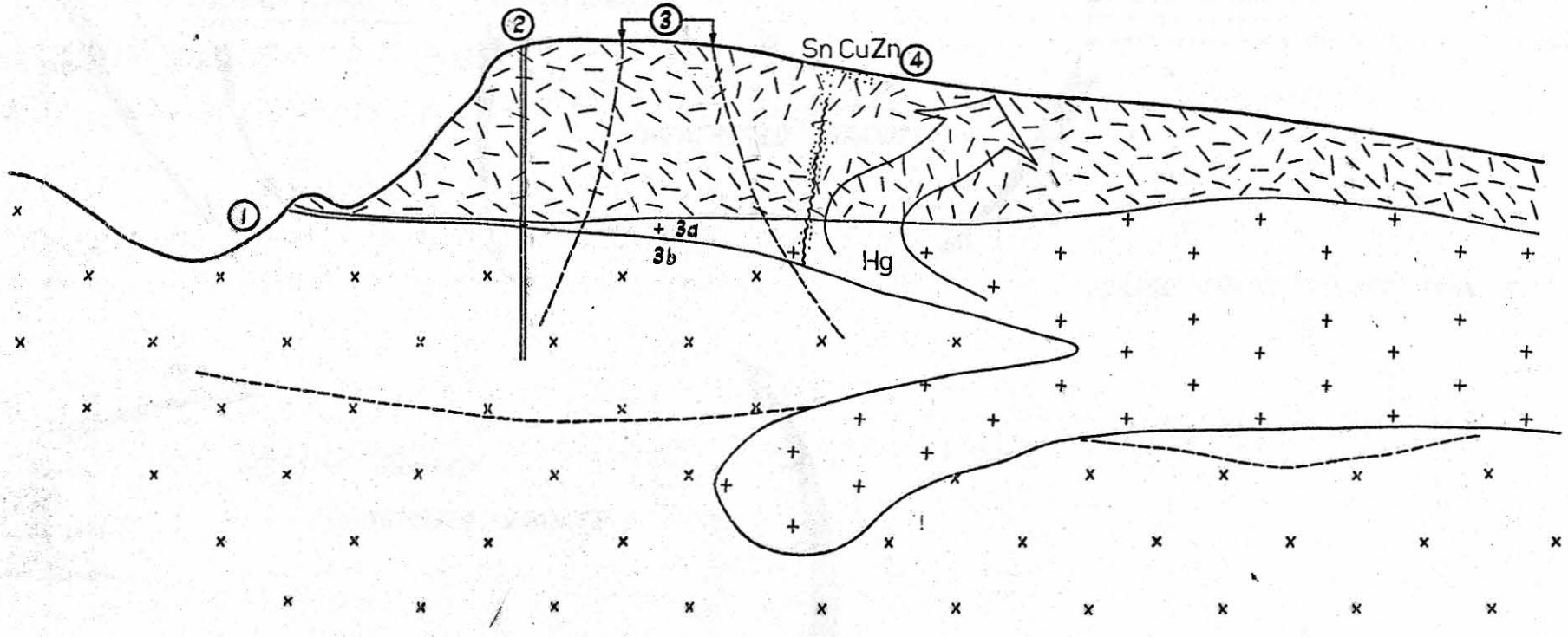
① Exposed mineralisation - visual inspection; tin shed into drainage system.

② Drilling.

INDIRECT

③ Electrical I.P. sounding to detect a. resistivity contrast between granite types.
b. I.P. response from sulphides associated with mineralisation.

④ Geochemical sampling of soil to detect : mercury dispersion from Zn-Ag mineralisation
tin, copper, zinc dispersion via mechanical, hydromorphic leakage.



5 cm

CHARACTERISTICS OF ANCHOR MINERALISATION

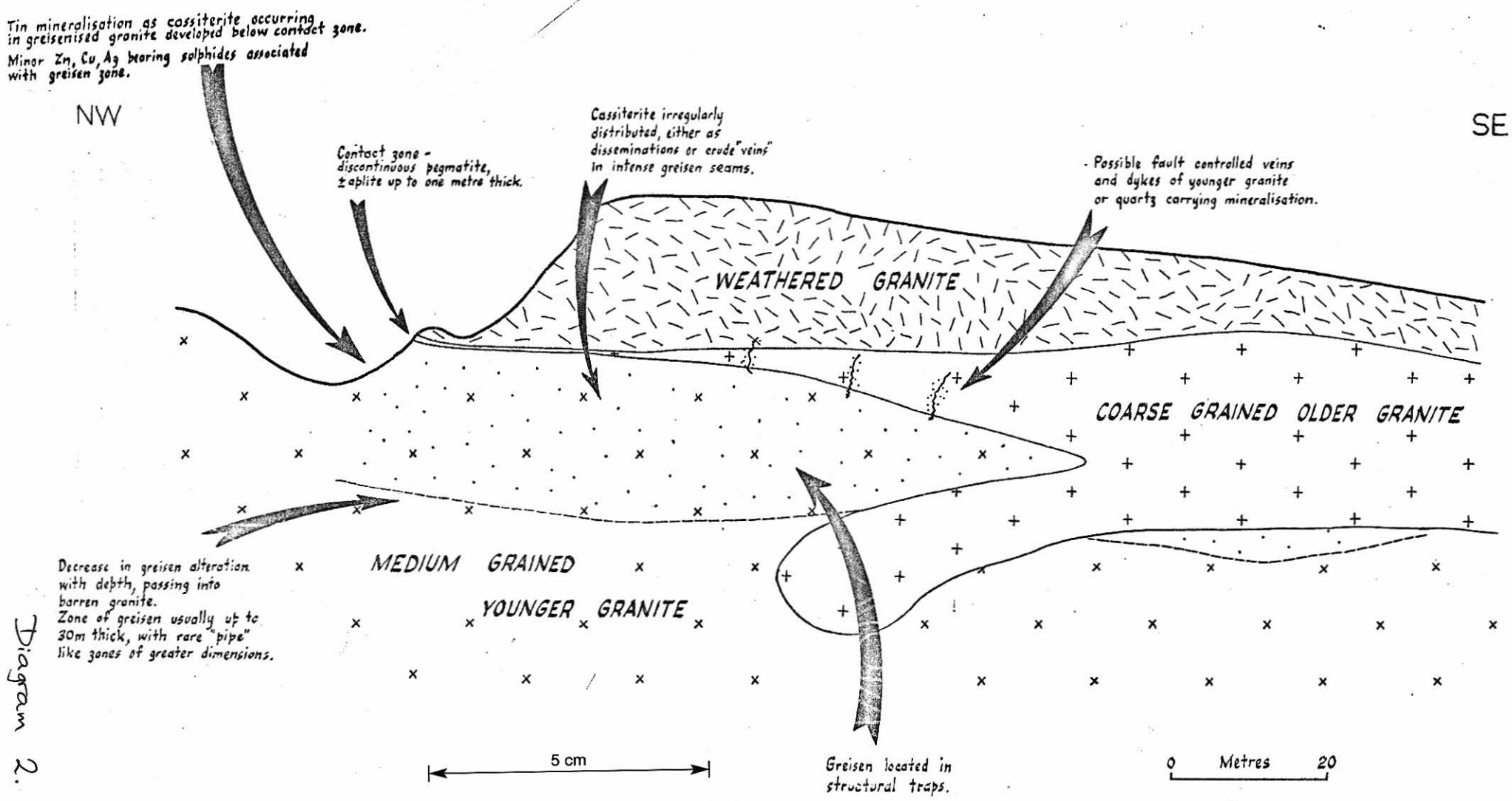


Diagram 2.

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SEARCH TECHNIQUES
CHARACTERISTICS OF ANCHOR MINERALISATION

DIRECT

① Exposed mineralisation - visual inspection; tin shed into drainage system.

② Drilling.

INDIRECT

③ Electrical I.P. sounding to detect a. resistivity contrast between granite types.
b. I.P. response from sulphides associated with mineralisation.

④ Geochemical sampling of soil to detect: mercury dispersion from Zn-Ag mineralisation
tin, copper, zinc dispersion via mechanical, hydromorphic leakage.

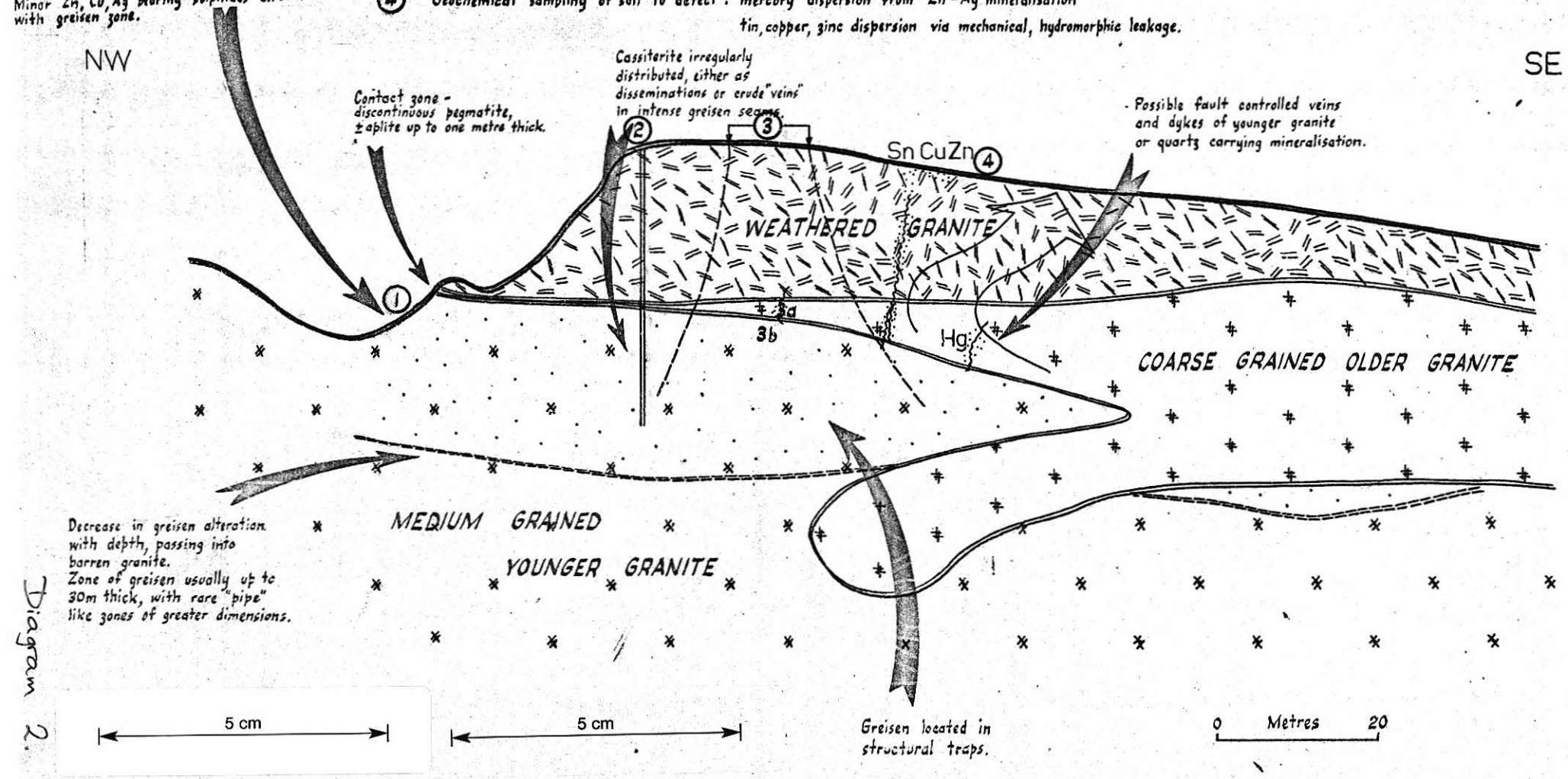

Diagram 2.

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5.1.3. Geochemical Testwork

The applicability of using mercury as a pathfinder element was investigated. Preliminary assaying by G. Lowder (Table 1) suggested the occurrence of anomalous mercury levels in the soils above the Anchor mineralisation. To further investigate this relationship, mercury levels were determined on Zn/Ag "rich" drill core specimens with negative results. It was suggested that mercury vapour had dispersed from the primary mineralisation and was concentrated in the wall rocks and related soils (G. Lowder, personal communication).

5.1.4. Grid Cutting

Following the above programmes, it was decided to extend the search for concealed Anchor-style deposits through detailed ground surveys in the Lottah, Anchor and Crystal Hill areas. Approximately 44 line kilometres of cut grid, 300 metres apart and orientated east-west comprise the Lottah Grid.

The reader is referred to Diagram 2 for a "conceptual" summary of the Anchor style of mineralisation and the techniques considered practicable for indicating further mineralisation. It is acknowledged that the geophysical I.P. and soil mercury surveys are of an experimental nature.

5.2 Period; August to December 1979

5.2.1. Lottah Grid

The following programmes were carried out;

- Soil sampling of B horizon soils. Samples were air dried (to prevent volatilisation of mercury) and sieved by Ashton Exploration. Assays for Sn, Cu, Pb, Zn were carried out by the Renison Assay Laboratory as follows:

Sn by XRF; accuracy ± 10 %; detection limit 10 ppm.
Cu, Pb, Zn by AAS; accuracy ± 10 %, detection limits 5,10,5ppm respectively.

Assays for Hg were determined by Lowder Geoscience using a JIC Gold Film Mercury Detector.

- Electrical Induced Polarisation Soundings. This survey was undertaken by Scintrex Pty. Ltd, who completed 130 individual soundings. Although a detailed interpretative report is not yet available for inclusion in this report, the preliminary results are discussed below.
- Geological mapping along grid lines and roads

5.2.2. Diamond Drilling - Anchor Mine Area

Eight diamond drill holes totalling 606.5m were completed in order to delineate further tin mineralisation outside the indicated reserve of November 1978.

Two additional drill holes, totalling 383m, evaluated anomalous induced polarisation responses well away from the Anchor workings.

6. RESULTS - LOTTAH GRID

6.1 Geology (Figure 1)

In general, lithological types and contact relationships are based upon sparse floater material, although soil geochemistry (especially tin) supports many of the postulated contacts. Tin mineralisation is considered to be genetically related to granitoid lithologies and only these are discussed in this report.

The granitoid lithologies mapped in the area belong to the multi-phase Blue Tier Batholith. Previous regional work by Groves (1977) indicated the presence of two major suites in the Lottah area, i.e.

a) an older biotite adamellite (Poimena Granite) intruded by
b) a younger biotite - muscovite granite (the Lottah Sheets).

Tin mineralisation is associated with the younger phase. The current work supports this major subdivision, however, the scale of recent mapping has led to the recognition of textural and lithological variations within these groups. For field mapping purposes these lithologies relate to previous subdivisions, as follows;

REGIONAL SCALE (Groves 1977)	SEMI REGIONAL SCALE(this report)	ANCHOR MINE SCALE (Ross '78 after Taylor '65)
Poimena Granite	Mesocratic Porphyritic Biotite Granite (i) Generally coarse grained. (ii) Generally medium grained.	"Coarse Grained Granite"
Lottah 'Sheets'	Leucocratic Equigranular Granites (iii) Anchor Granite. Medium grained, similar to the host of tin mineralisation at the Anchor Mine.	"Fine Grained Granite"
	(iv) Undifferentiated Types, including fine to medium grained muscovite granite, quartz-feldspar porphyry, minor aplite, pegmatite.	Not recognised as a separate unit lithology in drill core.

The inference from the above is the existence of, at least, <u>three</u> mappable granite units i.e. an older phase (types i & ii), intruded by two younger phases (iii) and (iv). Further work is needed to determine the relationship between types (iii) and (iv) since the soil geochemistry suggests anomalous levels of tin are associated with type (iii) and <u>not</u> with type (iv).

Furthermore, the mineralisation at the Anchor may, in some way, be dependent upon the relationships between these units.

Within the mapped area, two separate zones of abandoned alluvial workings are shown. While not of any immediate economic interest, these zones are mentioned as areas of geochemical contamination. The northern zone is related to workings in Crystal Creek; the Don and Gough's Lodes workings. Float material carrying quartz cassiterite veins are present at the latter locality. The other zone lies south of the Anchor and along the course of the Groom River.

6.2 Geochemistry

Detailed analytical results for Sn, Hg, Cu, Pb and Zn are contained in Appendix 5 and soil sample descriptions comprise Appendix 6. The data is plotted in Figures 2 and 4.

The aim of the survey was the detection of soil anomalies related to concealed Anchor-style mineralisation, developed in the roof zones of younger granites, and/or mineralised veins occurring in older granites (Diagram 2). Anomalous Sn values in residual soils are expected only where "at surface" mineralisation has been mechanically dispersed. Anomalous Cu, Pb, Zn values without associated Sn responses may be indicative of concealed mineralisation (where Cu, Pb, Zn have undergone hydromorphic dispersion). The presence of a soils mercury response related to concealed mineralisation is questionable since the orientation survey results at the Anchor have not firmly established such a relationship.

Consequently, the delineation of anomalous Sn $\pm$ Cu, Pb, Zn and possibly Hg responses in residual soils should be encouraging. The lack, however, of such responses should not be considered as downgrading a prospective area.

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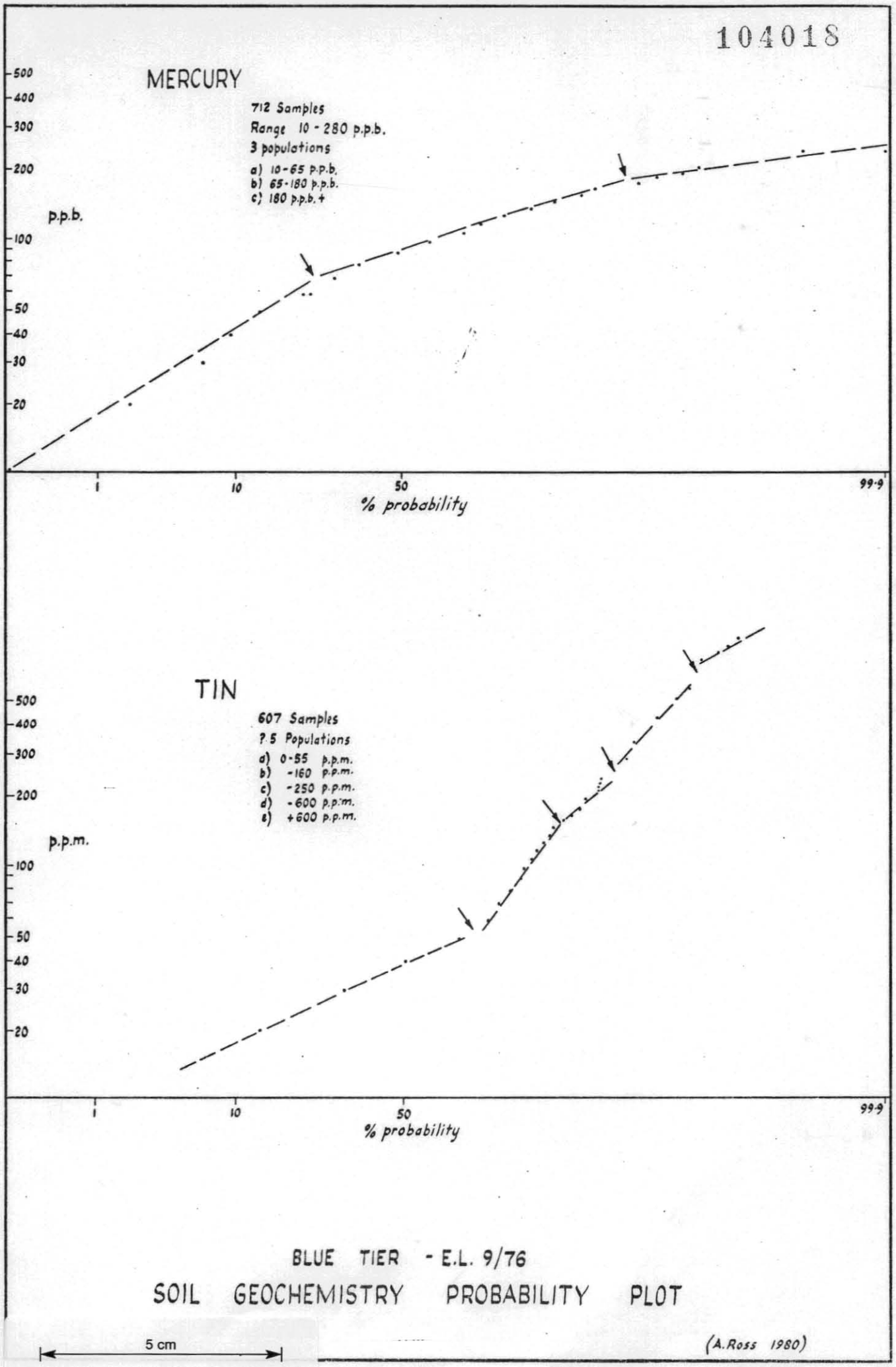


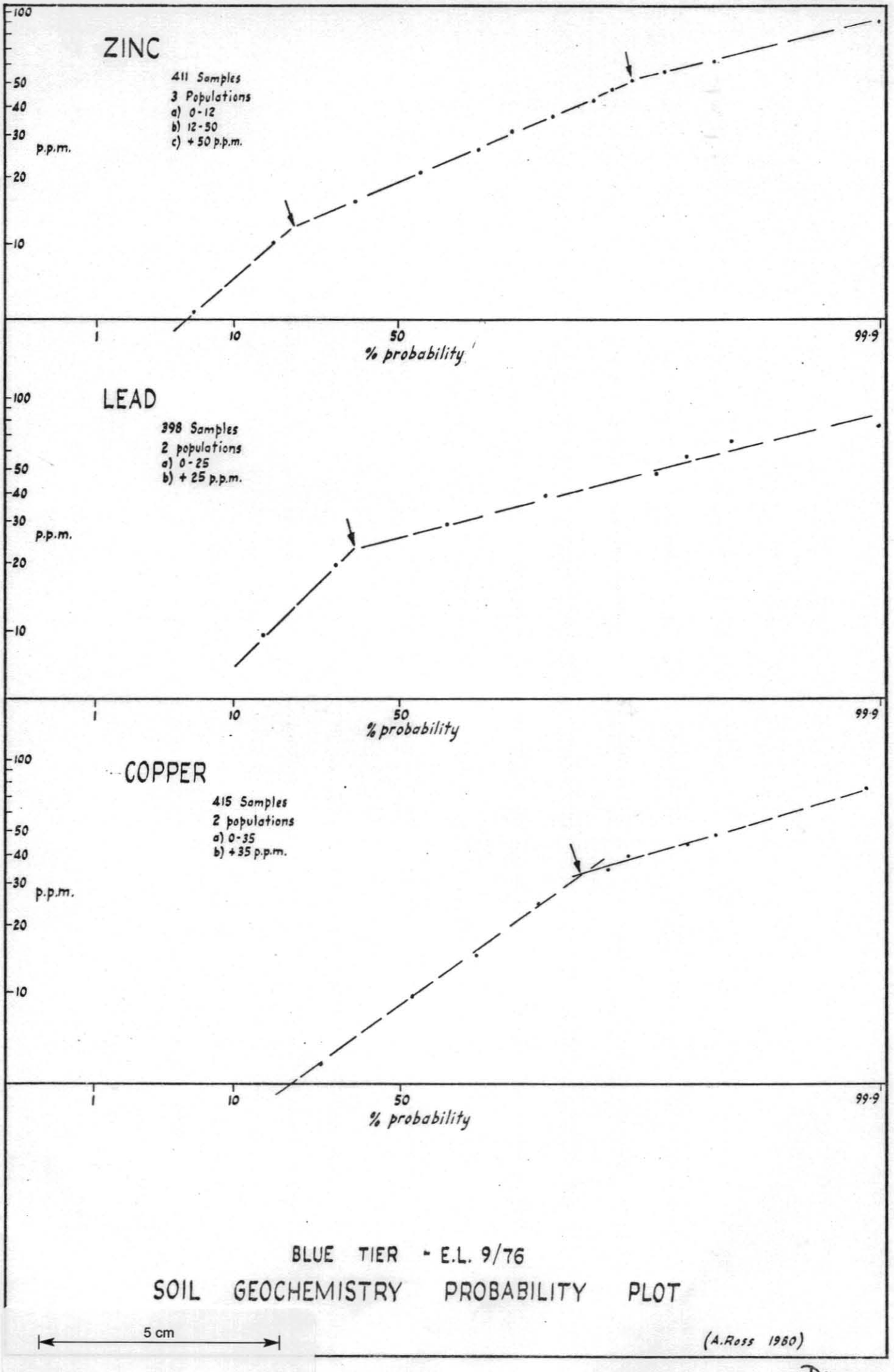
BLUE TIER - E.L. 9/76

SOIL GEOCHEMISTRY PROBABILITY PLOT

5 cm

(A. Ross 1980)

Diagram 3a.



BLUE TIER - E.L. 9/76

SOIL GEOCHEMISTRY PROBABILITY PLOT

5 cm

(A. Ross 1980)

Diagram 3b

(iii) soils over the Anchor Granite range from 10 to 280 ppb mercury (mean 62 ppb).

6.2.3. Copper, Lead, Zinc

In absolute terms the values for Cu, Pb, Zn are low and typical of granitic terrains. Overall the mean values are 8ppm Cu, 24ppm Pb and 20 ppm Zn. Comparison with the mapped geology (Figure 4) suggests that primary lithologies are reflected in the Cu, Pb, Zn values. For example,
(i) soils developed over the Anchor Granite commonly indicate levels in the range 10 to 40 ppm Cu, Pb, Zn. These levels are lower than those for
(ii) soils over the mesocratic porphyritic granites and remaining leucocratic granites, which contain from 20 to 70 ppm Cu, Pb, Zn.

Of minor economic interest are three areas which are, however, associated with abandoned alluvial workings. These are 66N 32E to 35E (Zn high); 66N 44E (Cu high) and 63N 40E to 45E (Zn high).

6.3 Geophysics

The 130 electrical induced polarisation soundings are presented graphically in Appendix 7. Preliminary interpretations form Table 2 and are summarised in Figure 3 to enable comparison with the geology.

The aim of the survey was to directly detect Anchor-style mineralisation, since the earlier orientation work suggested a chargeable response together with a decrease in resistivity are related to mineralisation.

For the enlarged survey, soundings were carried out at a nominal spacing of 300m along grid lines and roads. Due to logistical problems and questionable results, complete coverage of the Lottah Grid was not achieved.

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Figure 3 outlines the preliminary interpretation whereby areas marked "A" possess a response very similar to the Anchor mineralisation.

"B" possess a response similar to the Anchor mineralisation.
"C" possess a response vaguely similar to the Anchor mineralisation.
"Y" possess a response similar, but implies no mineralisation.
"X" indicates the response is different.

To test the validity of this exploration technique, two soundings were followed by diamond drilling. These were;
(a) K53, 500m south east of the Anchor workings. The interpretation indicated the depth to the potentially mineralised contact was approximately 6 metres (Table 2). Drill hole BT 70, tested sounding K53 and the summary log is;

0 to 17.8m	Weathered Coarse Grained Granite
17.8 to 117.8m	Fresh Coarse Grained Granite.
117.8 to 158.5m	Barren Fine Grained Granite

Thus the potentially mineralised contact is at 118m below surface !!
(b) K22, 900m to the north east of the workings. The depth to the potentially mineralised contact was interpreted as approx. 20 metres (Table 2).

Drill hole BT 78, tested sounding K22 with the following result;

0 to 29.2m	Weathered Coarse Grained Granite
29.2 to 224.5m	Fresh Coarse Grained Granite with several sills, dykes of aplite and Fine Grained Granite. Barren.

The results of these holes indicate,
(c) the sources of the anomalous induced polarisation responses occur in soils derived from Coarse Grained Granite, and are not due to mineralisation,

(d) therefore, electrical I.P. soundings are unlikely to be an effective exploration technique in the Blue Tier area.

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RESULTS - ANCHOR MINE DIAMOND DRILLING

Diamond drill holes BT69, 71, 72, 73, 74, 75, 76, 77 were designed to test for extensions to the Anchor mineralisation. Detailed logs and assays are contained in Appendix 3 and the results are summarised in Figure 5. Detailed 1:500 scale sections of part of the Anchor workings and drill hole information is shown in Figure 6.

The recent drilling indicates

(a) north of the workings, holes BT75, 76, 77 failed to intersect mineralisation.

(b) within the workings, hole BT73 tested for pipe like extensions below the western open cut. No significant tin mineralisation was encountered. Hole BT71, drilled in the centre of the open cut workings, intersected 24m 0.54 % Sn from the surface. Petrological work confirms the presence of cassiterite. Of significance is the level at which the mineralisation was encountered, since the nearest Aberfoyle drill hole (BT 1) may have been stopped prematurely.

(c) south of the workings, holes BT 72, 74 failed to intersect mineralisation. Hole BT 69 intersected 9m 1.00 % Sn in an area where previous Aberfoyle holes (BT 8, 31) indicated a lack of mineralisation.

8. CONCLUSIONS AND RECOMMENDATIONS

8.1 Anchor Mine Area

Results of the recent drilling programme are sufficiently encouraging to justify further drilling in the vicinity of the workings. Specifically two areas offer scope for the delineation of further mineralisation.

a) Within the old workings, to follow up the mineralisation intersected in holes BT 69 and 71.

b) North east of the workings, where holes BT 35, 42, 62 intersected relatively thick intersections of greisen and tin mineralisation, the geology is poorly understood.

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Details of the proposed holes follow, and are located on Figure 5.

Co-ordinates		Angle	Length	No.
5243mN	4952mE	- 90	75m	79
5243mN	5023mE	- 90	80m	80
5190mN	4931mE	- 90	60m	81
5147mN	5032mE	- 90	55m	82
5306mN	4854mE	- 90	50m	83
5229mN	4863mE	- 90	50m	84
5176mN	4833mE	- 90	50m	85
5225mN	4797mE	- 90	50m	86
5499mN	5102mE	- 45	150m	90
5568mN	5117mE	- 45	200m	91
5635mN	5148mE	- 45	220m	92
		TOTAL	1040m	

It is further recommended that

(i) detailed 1:500 geological sections be compiled over the remainder of Plan BT 404, where diamond drilling information exists. Following the interpretation of this area, diamond drilling may be justified to follow-up mineralisation intersected in holes BT 49, 55, 59.

(ii) during the course of the proposed drilling programme, reserve estimations of the mineralisation at cut-offs of 0.10 %, 0.20 %, 0.30 % Sn are proposed.

(iii) during the course of the proposed drilling programme, planning of an "in-fill" pattern of drill holes (to validate grade estimation and resolve areas of geological complexity), is proposed. This in-fill drilling will also be used to provide a bulk sample (several tonnes) of "typical mineralised greisen" for metallurgical testing.

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8.2 Lottah Grid

Results of work to date suggest mapping programmes, with the aid of soil sampling, are justified on cut grid lines elsewhere in the Licence area. Within the Lottah Grid a geochemically anomalous Sn granite, the "Anchor Granite", has been delineated and is worthy of further evaluation in those areas capped by older granites, especially where there is evidence of mineralisation. One area at 6600mN 4400mE is recommended for diamond drilling.

It is proposed to drill a 200m hole (No. 87) at 6600mN 4500mE (line 66N 500W), angle - 50 and bearing grid west to test an area of stanniferous soils associated with quartz-cassiterite vein mineralisation. Location of this hole is shown on Figure 7.

In the longer term, exploratory drilling is warranted in areas marginal to the stanniferous Anchor Granite, but these programmes should follow detailed evaluation of the Anchor mineralisation.

8.3 Other Work

a) One 100m hole, no. 88, has been provisionally proposed to test for tin mineralisation below the older coarse grained granite adjacent to the Moon Workings (Figure 7). Details of the workings are shown in Newnham (1977) - Sheet 3 B. Precise location of the drill hole will be dependent upon remapping and relocation of the workings, which are developed in a small "window" of tin bearing granite.

b) Cutting of a further 25 line kilometres (approx.) of grid access, north of the Lottah Grid, is proposed. Soil sampling for Sn, Cu, Pb, Zn and geological mapping programmes are justified on these to systematically outline areas adjacent to stanniferous granite. The location of the grid lines is shown in Figure 7.

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9. PROPOSED EXPENDITURE

9.1 Estimates for the programmes outlined above for the remainder of the 1979-80 financial year are as follows:

a)	Salaries (1 geologist full time, supervision via Senior Geologist)	$10,000
b)	Diamond drilling 1340m @ $50/m. (including holes 87,88 north of the Anchor)	67,000
c)	Consumables - vehicles, accommodation, office rent, drafting, core trays.	3,000
d)	Drill site access	1,500
e)	Renison Services - assaying, surveying	3,500
		$85,000

9.2 For the 1980/81 financial year the preliminary unescalated expenditure estimates include provision for

(i) core drilling programmes at the Anchor i.e. infill and large core drilling and subsequent metallurgical testwork.

(ii) helicopter supported drilling programmes in areas of difficult access e.g. in extensions of the gridded area on the slopes of the Blue Tier "plateau".

The timing and priority rating of these programmes are dependent upon the results of the forthcoming drill programme at the Anchor Mine.

A total budget of $142,000 is estimated for 1980/81, detailed as follows;

a)	Salaries	13,925
b)	Diamond drilling	78,750
c)	Consumables	5,000

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d)	Vehicles	5,100
e)	Travel and accommodation	2,700
f)	Renison services - Survey	1,700
	- Assay	4,500
	- Metallurgical Research	10,250
g)	Petrological, metallurgical consultants	2,000
h)	Track cutting and soil sampling	9,000
i)	Site access	1,920
j)	Helicopter hire	4,250
k)	Lease Payments	2,900
		$141,995

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TABLE I

MERCURY ORIENTATION SAMPLING RESULTS

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MERCURY ORIENTATION SAMPLING RESULTS

ANCHOR MINE

1. CORE SAMPLES	Hg(ppb)	Sn	Cu	Zn(%)	Ag(g/t)
D.D.H. BT 64					
41 - 42m	15	0.11	0.54	0.14	90
42 - 43m	15	0.12	0.23	0.19	35
43 - 44m	12	0.06	0.12	0.20	18
D.D.H. BT 65					
42 - 43m	18	0.2	0.08	0.38	14
71 - 72m	39	0.01	0.01	0.92	2
72 - 73m	84	0.01	0.01	0.43	1
*45.5m	58				
*72.0m	8				
D.D.H. BT 66					
29 - 30m	18	0.47	0.11	0.20	16
30 - 31m	18	0.06	0.11	0.28	19
31 - 32m	9	0.03	0.03	0.02	5
D.D.H. BT 68					
30 - 31m	14	0.07	0.19	0.37	34
31 - 32m	18	0.01	0.12	0.04	20
32 - 33m	15	1.9	0.23	0.09	32

All samples are pulverised core except those marked *

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MERCURY ORIENTATION SAMPLING

ANCHOR MINE

2. CORED SOIL	Hg (ppb)	
D.D.H. BT 64		
0 - 1m	88	Sand and humus
0 - 2m	63	Sand and humus
2 - 3m	53	Essentially sand
3 - 4m	55	Essentially sand
4 - 5m	43	" "
5 - 6m	36	" "
6 - 7m	37	" "
7 - 8m	37	" "
8 - 9m	24	" "
9 - 10m	15	" "
10 - 11m	28	" "
11 - 12m	18	" "
12 - 13m	29	" "
D.D.H. BT 66		
0 - 5m	20	Sand
5 - 8m	23	Sand
D.D.H. BT 68		
3 - 6m	16	Sand
6 - 8.5m	14	Sand
8.5 - 11.5m	28	Sand
11.5 - 14.5m	8	Sand
14.5 - 17m	8	Sand

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MERCURY ORIENTATION SAMPLING

ANCHOR MINE

3. **SOIL SAMPLES** taken over cap granites, NE of old workings.

Sample No.	Loc.	Hg (ppb)	Sn	As	Cu	Pb	Zn (ppm)	
1	5500N 5030E	128	110	<5	15	20	25	B horizon
2	5481N 5030.5E	131	90	10	20	25	55	"
3	5420N 5026E	92	45	<5	20	30	25	"
4	5398N 5024E	90	30	<5	15	25	30	"
5	5425N 5074E	53	40	5	15	30	25	"
6	5408N 5061E	66	35	<5	20	35	20	"
7	5392N 5049E	78	20	5	15	35	15	"
8	5370N 5035E	137	30	<5	15	30	25	"
9	5360N 5022E	137	30	<5	10	35	20	"
10	5332.5N 5013E	221	10	<5	10	40	35	"
11	5315N 5002E	175	20	<5	10	50	35	"
Collar DDH 18		114	25	<5	20	40	10	"
Collar DDH 44		124	45	<5	10	35	40	"
Collar DDH 66		152	20	<5	15	35	15	B horizon
		122	20	<5	15	40	25	C horizon
Collar DDH 67		136	35	5	25	40	20	B horizon
		244	20	<5	20	30	20	C horizon

104036

034

TABLE II

ELECTRICAL INDUCED POLARISATION SOUNDINGS

- INTERPRETATIVE RESULTS

035

104037

BLUE TIER - E.L. 9/76

LOTTAH GRID

ELECTRICAL INDUCED POLARISATION SOUNDINGS

INTERPRETATIVE RESULTS

Key

R 1	Resistivity of First Layer
R 2	Resistivity of Second Layer
DR	Depth of Resistivity Second Layer
MS	Surface Layer Chargeability
MZ	Chargeability of Layer at Depth
DC	Depth to the Upper Most Section of Increased Chargeability
	Similarity to area of known mineralisation:
A	Very similar
B	Similar form
C	Vaguely Similar form
Y	Similar form but implies no mineralisation
X	Different form

Surface Geology

*	Drilling information available
CGG 1	Porphyritic, coarse grained mesocratic biotite granite
CGG 2	Porphyritic, medium grained mesocratic biotite granite
AG	Leucocratic, medium grained equigranular granite, similar to host granite at Anchor Mine.
FGG	Leucocratic, fine to medium grained equigranular granite, minor aplite, quartz porphyry

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LOTTAH GRID - E.I.P. SOUNDING RESULTS

104038

NO	R 1	R 2	DR	MS	M2	DC	CORRELATION	
K 1	1600	600	12	10	20+	6	A	On road CGG-1
K 2	1600	400	17	13	20+	8	B	On road CGG-1
K [redacted]	3000	330	6	5	?	?	B	On road CGG-1
K 4	6000	300	18	10	14?	2	B/C	FGG
K 5	1800	180	40	10	20	3.5	A/B	CGG-1
K 6	2000	150	20	10	25+	4	A	CGG-1
K 7	3000	150	15	4	20	7	A	CGG-1
K 8	3200	170	20	8	20	5	A	CGG-1
K 9	1300	130	25	8	28	6	A	CGG-1
K10	2400	420	15	5	14	5	B	On road CGG-FGG
K11	1800	600	12	9	25	5	A/B	On road FGG
K12	1200	4000	8	6	18	5	X	On road FGG
K13	800	2000	10	10	25	?	X	On road FGG
K14	2200	100	30	4	18	4	C	On road CGG
K15	Data of questionable validity							On road FGG
K16	5000	500	20	10	6	-	Y	On road A.G.
K17	3000	100	20	8	8	-	Y	On road A.G.
K18	2200	100	15	10	18?	?	C	On road A.G.
K19	5500	1600	25	7	4	?	Y	On road CGG-2
[redacted]	1300	50	38	7	18	4	C	CGG-1
K21	Type sounding over Anchor Mineralisation							
K22	3000	750	20	12	40+	4	A	*CGG
K23	4500	200	17	12	20+	8	A/B	FGG CGG-1
K24	2700	900	25	7	15	10	B	FGG
K25	4800	480	19	9	4	?	Y	On road
K26	2200	390	32	11	18+	14	B	FGG
K27	3000	300	44	6.7	14+	20	B/C	FGG
K28	2600	460	26	8.8	18+	8	B	FGG
K29	3000	150	18	11.2	18+	8	B	FGG
K30	3100	150	41	8.5	15+	8	B/C	FGG
K31	2800	140	37	8	15	7	B/C	FGG
K32	3500	140	20	9.5	20	4	B	CGG-1
K33	2500	1000	32	9	-	-	X	FGG
K34	1500	75	29	8.4	16	4	B/C	FGG
K35	1500	150	34	8	18	7	B	FGG
K36	2100	100	26	11	24	6	B	FGG
[redacted]	1500	800	-	12/13	25	14	?	CGG-1 FGG cont
K38	2500	120	40	8	16	?	C	FGG
K39	1500	75	14	8.1	18+	14?	A	FGG
K40	3400	600	17	11.6	24	9	A/B	FGG Dolerite
K41	1800	100	39	10	15?	10?	C	FGG

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NO 037	R 1	R 2	DR	MS	M2	DC	CORRELATION	
K42	4000	700	-	7.1	12?	-	B	FGG
K43	2200	550	40	7.3	18	8	B	FGG
K44	1600	300	20	8.7	?	?	B	FGG
K[illegible]	3600	180	11	8	-	-	Y	FGG
K46	1800	180	12	13.3	28	10	A/B	CGG FGG contact
K47	1300	-	-	11.5	26	4	X	CGG-1
K48	4400	200	42	9	18	7	B/X	CGG-1 minor FGG
K49	1800	1800	-	13.4	20	4?	X	CGG-2
K50	700	700	-	12	28	3	X	CGG-2
K51	1500±	1500±	-	10.6	28	5	X	FGG
K52	3200	800	25	-	16	0?	-	FGG
K53	740	242	6	12	30	3	B	*CGG-1
K54	1100	366	7.6	8	20	3	B	CGG-1
K55	500	250	3.5	24	-	-	X	CGG-2
K56	940	3000+	7	10	20?	22?	X	CGG-2
K57	2700	627	3	12	30+	3.5	B	CGG-1
K58	2400	130	30	8	20	?	B/A	CGG-2
K59	2900	150	29	9	20	?	B/A	CGG-2
K60	340	1300	4±	8	20	10?	X	CGG-2
K61	2600	288	24	14	26	5	B	CGG-1
K[illegible]	2500	120	50	12	14+	?	C	CGG-2
K63	3000	150	50	8	8	-	C/Y	CGG-2
K64	4000	704	17±	10	12	-	Y	A.G CGG-2 cont.
K65	Lateral Inhomogeneity							
K66	3400	380	20	11	8	-	Y	A.G.
K67	4500	v. low	25	Lateral Inhomogeneity			Y	A.G.
K68	2900	145	26	4	20	18±	B	A.G.
K69	6400	300	14	10	4	-	Y	A.G.
K70	4000	200	20	12	4	-	Y	A.G.
K71	4200	740	29	11	6	-	Y	A.G.
K72	3800	450	2	20	35	2	?	A.G. CGG-2 "
K73	3800	1265	6.4	10	18	4	B/C	CGG-2
K74	2600	290	15	8	8	-	Y	FGG
K75	2200	940	21	5	9	9	C	FGG
K76	2900	500	45	8	15+?	20+	C	CGG-2
K77	4000	200	30	5	12?	12?	C	FGG
K78	3000	150	18	8	27	4?	B	CGG-2 FGG
K[illegible]	1400	700	6	5	25	5	B	CGG-2
K80	1700	425	24	8	12	?	C	CGG-2
K81	2000	350	20±5	7	12	?	C	CGG-2
K82	3000	1200	17	8	25	8±	B	CGG-1
K83	1800	600	22	9	26	6	B	CGG-2

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NO.	R 1	R 2	DR	MS	M2	DC	CORRELATION	
K84	2000	1000	4	9	30	4	B/C	CGG-2 A.G cont.
K85	3500	150	25	7	20+	17	B	CGG-2
K86	4800	530	16	8	20	?	B	A.G.
K[redacted]	7000	350	41	8	14+	?	C/Y	A.G.
K88	3300	366	16	6	-	-	Y	On plateau
K89	2900	320	7	6	20?	3.5	C	On plateau
K90	4000	444	4	6	15?	?	C	"
K91	2000	440	22	8	10	-	Y	"
K92	2800	500	15	10	12	-	C/Y	"
K93	5500	600	10	14	6	-	Y	A.G.
K94	2500	250	21	20	6	-	C/Y	A.G.
K95	5000	800	22	12	-	-	Y	A.G.
K96	13,000	1000	12	15	10	-	X	A.G.
K97	2000	650±	30	Inhomogeneous				CGG-1
K98	2150	20000	7	9.5	15	12?	X	CGG-2
K99	2500	830	23	10	10	-	C/Y	CGG-2
K100	1500	100?	45	8.5	-	7	Y	CGG-2
K101	3000	100?	21	11	15	8	C/B	CGG-1
K102	1500	640	22	14	30±	3	C/Y	FGG
K103	800	300	7	12	30±	4/12	B/C	CGG-2
K[redacted]4	5500	60	15	16	4	-	X	FGG
K105	4200	466	32	15	20±	4	X	CGG-1
K106	1600	400	21	14	28	4	C/B	FGG
K107	3000	450	36	8/14	25+	12/25	B	FGG
K108	2500	277	31	16	25	15±5	C	CGG-1
K109	5000	250	20	11	11	-	Y	CGG
K110	4200	740	20	8.6	25	65	B	CGG-2
K111	1800	600	5	22	35	4?	C	FGG CGG-1
K112	4000	444	26	10/12	22	4?	C	CGG-1
K113	2000	1000	12±	8		4?	X	CGG-1 dolerite
K114	6500	325	27	9	18	4?	C	Lottah tunnels
K115	6000	300	19	16	7	-	Y	" "
K116	1800	110	7	8	20	7	C	" "
K117	3000	700	16	10	4	-	Y	CGG-1
K118	Inhomogeneity							CGG-1
K119	2400	125	32	11	25+	4	C	CGG-1
K120	5000	75	26	11	-	-	Y	FGG CGG-1
K[redacted]1	3500	600	9.5	6	-	-	C	CGG-1
K122	5500	300	9.5	16	4		X	CGG-1
K123	4500	230	12	6±			X	CGG-1
K124	4400	1320	8	8	25	7	B	CGG-1

039

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NO.	R 1	R 2	DR	MS	M2	DC	CORRELATION	
K125	1900	1140	5±	38	6	-	X	CGG-2
K126	4600	1530	12	10	10	-	X	CGG-2
K127	2900	1400	10	12	28	4	C/B	CGG-1
K128	2000	100	10	12	35	7	B	CGG-1
K129	4500	90	5.5	20	0	-	?	Sluiced area A.C
K130	4000	600	9	7.6	6	6/35	B	CGG

040

APPENDIX I

BLUE TIER EL 9/76 RESPONSIBILITY 078 P/E 25/12/7

ACCOUNT NUMBER	ACCOUNT NAME	PERIOD TO DATE ACTUAL	PERIOD TO DATE VARIANCE	YEAR TO DATE ACTUAL	YEAR TO DATE VARIANCE
010780702	SALARIES	1376	240 G	13470	1648 G
010780703	SALARY LOADING	267	2 G	656	387 L
010780705	CONSUMABLES	44	1042 G	3000	3471 G
010780708	VEHICLES	203	203 L	1396	1396 L
010780710	TRAVEL & ACCOMMODATION	48-	591 G	2750	1543 G
010780720	RENISON SERVICES - SURVEY			432	646 G
010780721	RENISON SERVICES - ASSAY		1086 G	3042	6143 G
010780722	RENISON SERVICES - RESEARCH		271 G	366	1251 G
010780723	RENISON SERVICES - OTHER				
010780730	OUTSIDE SERVICES - GEOLOGICAL		271 G		807 G
010780731	OUTSIDE SERVICES - GEOPHYSICAL	18284	18013 L	20766	17275 L
010780732	OUTSIDE SERVICES - GEOCHEMICAL			5560	2696 L
010780733	OUTSIDE SERVICES - TRK CUTTING			14181	14181 L
010780735	OUTSIDE SERVICES -SITE ACC DEV		1000 G	1290	4710 G
010780736	OUTSIDE SERVICES-DIAMOND DRLNG			43844	28094 L
010780737	OUTSIDE SERVICES - OTHER		2172 G	1410	9448 G
010780740	LEASE PAYMENTS	2500	2500 L	2815	2815 L
	ROUNDING	1		2-	2 G
010789999	TOTAL BLUE TIER EL 9/76	22626	14041 L	114996	37355 L

RENISON LIMITED
GEOLOGY DEPARTMENT

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BLUE TIER EL 9/76 RESPONSIBILITY 078 P/E 26/ 6/

ACCOUNT NUMBER	ACCOUNT NAME	PERIOD TO DATE ACTUAL	PERIOD TO DATE VARIANCE	YEAR TO DATE ACTUAL	YEAR TO DATE VARIANCE
010780702	SALARIES	1889	300 G	12488	8948 G
010780749	SALARY LOADING	202	126 G	913	2302 G
010780751	CONSUMABLES	86	466 G	4368	6500 G
010780753	RENISON SERVICES		1532 G	7521	1030 L
010780755	TRANSPORT			80	80 L
010780791	DIAMOND DRILLING			23498	26502 G
010780793	ROAD AND DRILL SITE ACCESS				
010780799	SURVEY			4073	4073 L
010780800	ASSAYING				
010780810	CONSULTANTS			8760	8760 L
010780812	PAYMENT TO LEASE HOLDER			2000	2000 L
010780827	OUTSIDE CONTRACTORS	1299	205 L	22432	11632 L
010780834	TRAVEL AND ACCOMMODATION	56	444 G	843	3157 G
	ROUNDING	1-	1 G		
010789999	TOTAL BLUE TIER	3531	2664 G	86976	19834 G

FINAL - PERIOD 12

043

APPENDIX II

GEOLOGY EL [redacted] BLUE TICK AREA

104046

044

ITEM	REF.	PH01.	PH02.	PH03.	PH04.	PH05.	PH06.	PH07.	PH08.	PH09.	PH10.	PH11.	PH12.	TOTAL
SALARIES	L780702	2090	2351	3135	2694	3232	1616	1616	1616	1077	1107	553	277	21364
SALARY LOADING	L780703						269	269		277	277	553		1645
CONSUMABLES	C780705	1071	1071	1071	1086	1086	1086	440	550	550	279	279	111	8680
VEHICLES	C780708													
TRAVEL & ACCOMMODATION	C780710	750	750	750	760	760	543	550			279	279		5421
RENISON SERVICES: SURVEY	C780720			535	543					550	557			2185
ASSAY	C780721	535	1606	1071	2172	2715	1086			550	550	557		10842
RESEARCH	C780722	268	268	268	271	271	271	275	275	275	279	111	111	2943
OTHER	C780723													
OUTSIDE SERVICES:														
GEOLOGICAL	C780730		268	268			271	275		275	279			1636
GEOPHYSICAL	C780731		1339	1339	271	271	271	275		275	279			4320
GEOCHEMICAL	C780732		1071	1071	271	271								2684
TRACK CUTTING	C780733													
SITE & ACCESS DEVELOPMENT	F780735	500	500	2000	1000	1000	1000							6000
DIAMOND DRILLING	F780736	15750												15750
OTHER	C780737				3257	5429	2172							10858
LEASE PAYMENTS	F780740													
SECTION TOTAL		20964	9224	11508	12325	15035	8585	3700	2941	3552	3893	1220	1331	94328

RENISON LIMITED

BLUE TIER AREA

LOTTAH GRID

GEOLOGY

GEOLOGIST : A.R.	SCALE 1:5,000 METRES
DRAUGHTSMAN : F.D.S.	100 50 0 100 200
DATE : Jan. 1980	
REVISIONS :	DRAWING No. BT 121

80-14118

FIGURE 1.

2817

GEOLOGY LEGEND

- Recent - sluiced alluvial workings River alluvium
- Basalt scree
- Dolerite intrusive
- Mathinna Beds, sediments (minor)

BLUE TIER COMPOSITE BATHOLITH
-Older intrusives
Mesocratic porphyritic biotite granite

- Generally coarse grained (CGG1)
- Generally medium grained (CGG2)

Lottah Granite - younger intrusives
Leucocratic equigranular granites

- Anchor Granite - Similar to lower granite in Anchor Mine, medium grained (AG)
- Fine to medium grained, includes all other leucocratic types. (FGG) e.g. quartz-feldspar porphyry (QFP) aplite, muscovite granite, pegmatite

Greisenised rock

- Contact based on drill information
- Inferred, approximate contact
- Photo-lineament (Lexton Hunting work)
- BT 70, BT 79 Drill holes completed to follow up anomalous I.P. responses

104047

5 cm

LEGEND

CONTOUR INTERVAL 10 METRES

- Sealed Road / Unsealed Road
- Major Track / Minor Track
- Watercourse / Bridge
- Building / Fence
- Power Line
- Timber Boundary
- (P.D.) Position Doubtful
- (I.D.) Interpretation Doubtful
- Contour
- Form Line
- + 494 Spot Elevation
- + 826 Approx. Spot Elevation
- N.B. Form lines and italic spot elevations indicate lower reliability due to dense vegetation cover
- Datum: Horizontal — Australian Map Grid; Vertical — Australian Height Datum
- Grid Interval 500 metres

Mapping: photogrammetrically compiled by Associated Aerial Surveys Pty. Ltd. Compilation date: November 1978, from aerial photographs dated 12-12-1977.

To Launceston — Weldborough — Goulds Country — To St. Helens

5 442 000mN — 5 438 000mN — 5 434 000mN

577 000mE — 582 000mE — 587 000mE

LINE 66 N.

LINE 63 N.

LINE 60 N.

LINE 57 N.

LINE 54 N.

LINE 51 N.

LINE 48 N.

LINE 45 N.

LINE 42 N.

LOTTAH

ANCHOR WORKINGS

Key

- > 600 p.p.m.
- 250 - 600 p.p.m.
- 160 - 250 p.p.m.
- 55 - 160 p.p.m.
- 0 - 55 p.p.m.

To Launceston

Weldborough

Gould's Country

To St. Helens

1 2 3 4

104018

5 cm

RENISON LIMITED

BLUE TIER AREA

LOTTAH GRID

TIN - SOIL GEOCHEMISTRY

GEOLOGIST	A.R.	SCALE 1:5000 METRES
DRAUGHTSMAN	T.B.S.	100 0 100 200
DATE	Dec. 1979	
REVISIONS		DRAWING No. BT 201

8187

80-1418

FIGURE 2(a)

2818

LINE 66N.

LINE 63N.

LINE 60N.

LINE 57N.

LINE 54N.

LINE 51N.

LINE 48N.

LINE 45N.

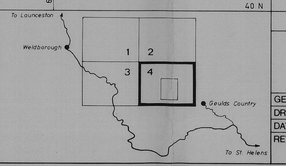
LINE 42N.

LOTTAH

ANCHOR WORKINGS

Key

- > 240 p.p.b.
- 180 - 240 p.p.b.
- 120 - 180 p.p.b.
- 60 - 120 p.p.b.
- 0 - 60 p.p.b.



104019

5 cm

RENISON LIMITED

BLUE TIER AREA

LOTTAH GRID

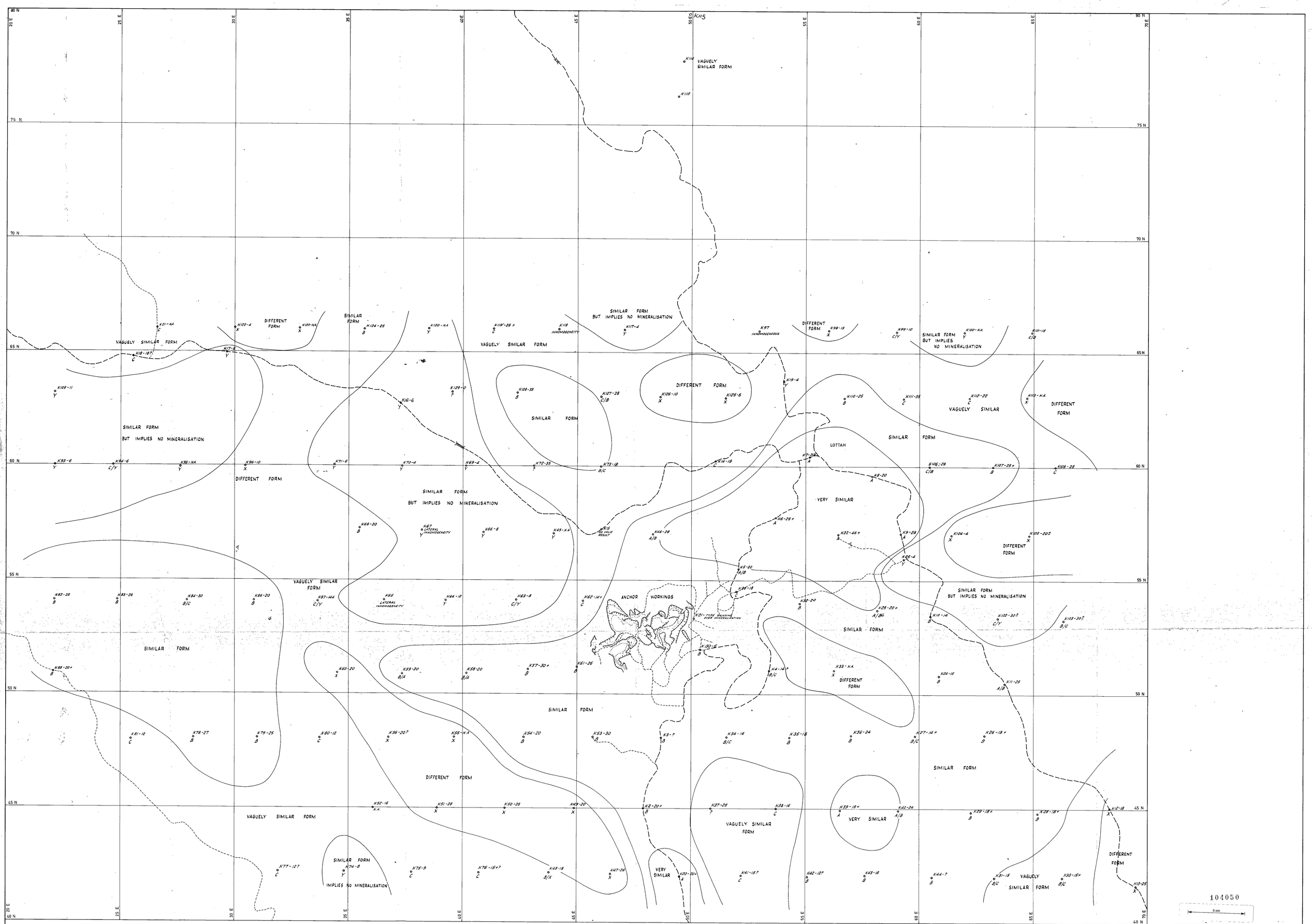
MERCURY - SOIL GEOCHEMISTRY

GEOLOGIST : A.R.	SCALE 1:5000 METRES
DRAUGHTSMAN : T.E.D.S.	100 0 100 200
DATE : Dec. 1979	
REVISIONS : -	DRAWING No. BT 202

80-1418

FIGURE 26(b)

2819



Key

K50 - 20 Chargeability at depth
Sounding number

SIMILARITY TO AREA OF KNOWN MINERALISATION

A Very similar
B Similar
C Vaguely similar
Y Similar but implies no mineralisation
X Different

104050

5 cm

RENISON LIMITED

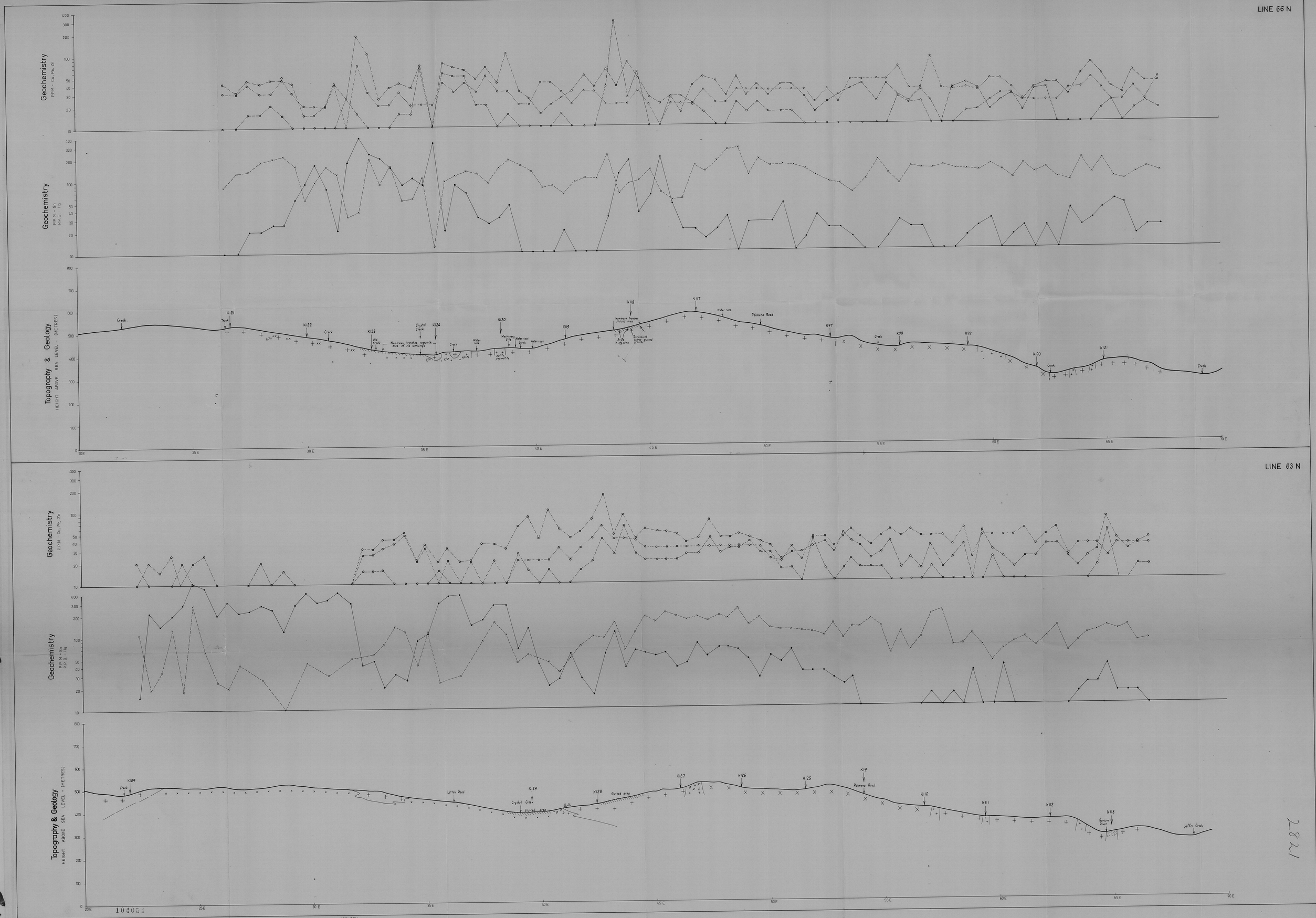
BLUE TIER AREA
LOTTAH GRID
ELECTRICAL INDUCED POLARISATION SOUNDINGS

GEOLOGIST	A.R.
DRAUGHTSMAN	T.G.P.S.
DATE	January 1980
REVISIONS	
SCALE 1:5000 METRES	100 0 100 200
DRAWING No.	BT 304

80-144

2820

2820 FIGURE 3



2821

RENISON LIMITED

BLUE TIER AREA E.L. 9/76
LOTTAH GRID
LINES 63 N & 66 N

GEOLOGIST : A. ROSS	SCALE 1:5000 METRES
DRAUGHTSMAN : T.G.D.S.	100 0 100 200
DATE : Jan 1980	
REVISIONS : 80-141R	DRAWING No. BT 203

GEOCHEMISTRY

Sn
Hg
Cu
Pb
Zn

Sections looking north

GEOLOGY

Recent - sluiced alluvial workings River alluvium.
Basalt scree
Dolerite intrusive
Mathina Beds, sediments (minor)

BLUE TIER COMPOSITE BATHOLITH
- Older intrusions
Mesocratic porphyritic biotite granite
Generally coarse grained (C.G.G.1)

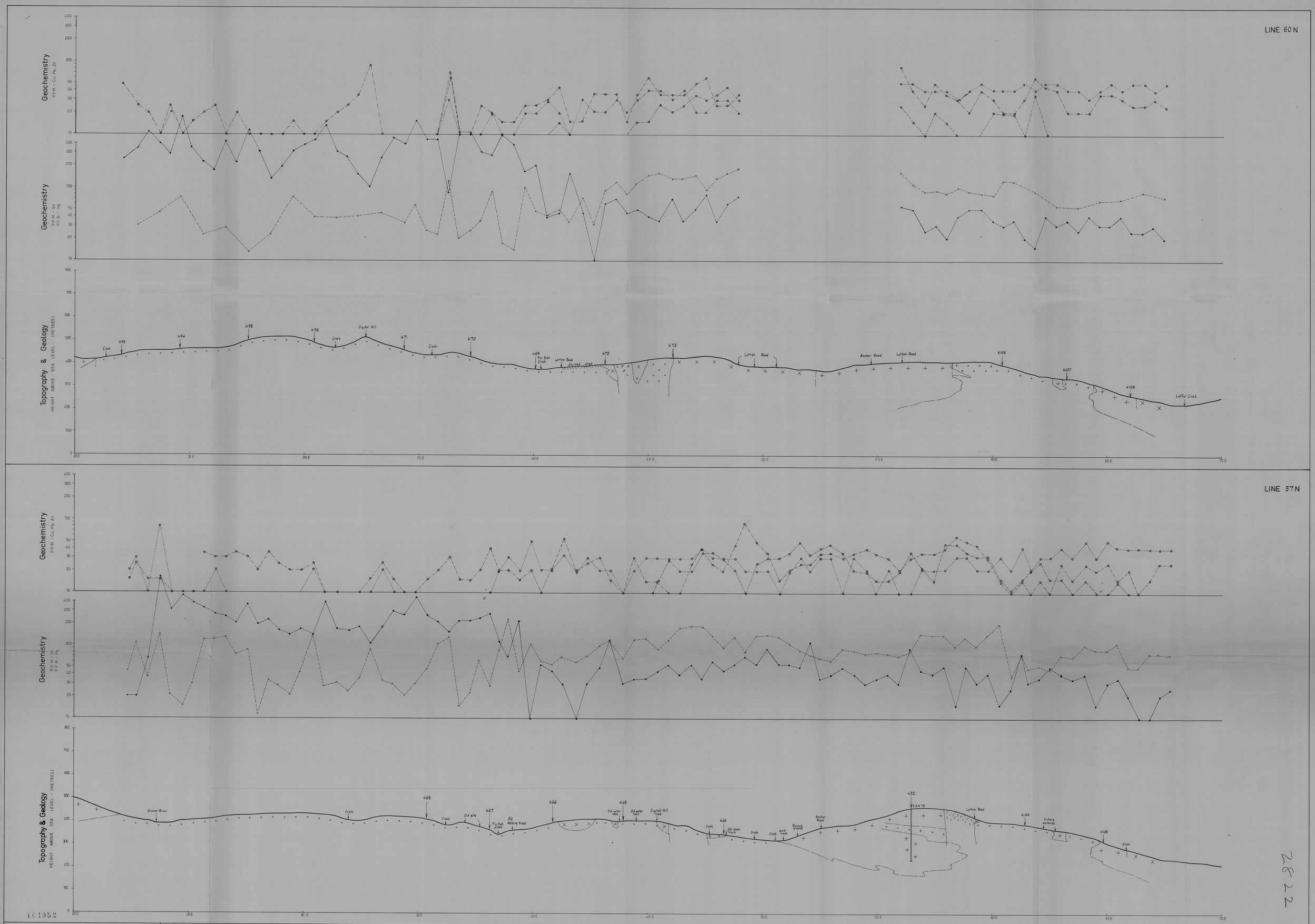
Generally medium grained (C.G.G.2)

LOTTAH GRANITE - younger intrusions
Leucocratic equigranular granites
Anchor Granite Similar to lower granite in Anchor Mine, medium grained (A.G)
Fine to medium grained, includes all other leucocratic types (F.G.G.) e.g. quartz - feldspar porphyry (P.P) aplite, muscovite granite, pegmatite.
Greisenised rock

5 cm

FIGURE 4(a)

2821



101052

2822

RENISON LIMITED

BLUE TIER AREA E.L. 9/76
LOTTAH GRID
LINES 57N & 60N

GEOLOGIST : A. ROSS	SCALE : 1:5000 METRES
DRAUGHTSMAN : T.G.D.S.	100 0 100 200
DATE : Jan. 1980	
REVISIONS : 80-141R	DRAWING No. BT 204

GEOCHEMISTRY

Sn
Hg
Cu
Pb
Zn

Sections looking north

GEOLOGY

Recent - sluiced alluvial workings River alluvium
Basalt scree
Dolerite intrusive
Mathina Beds, sediments (minor)

BLUE TIER COMPOSITE BATHOLITH
- Older intrusions
Mesocratic porphyritic biotite granite
Generally coarse grained (C.G.G.1)

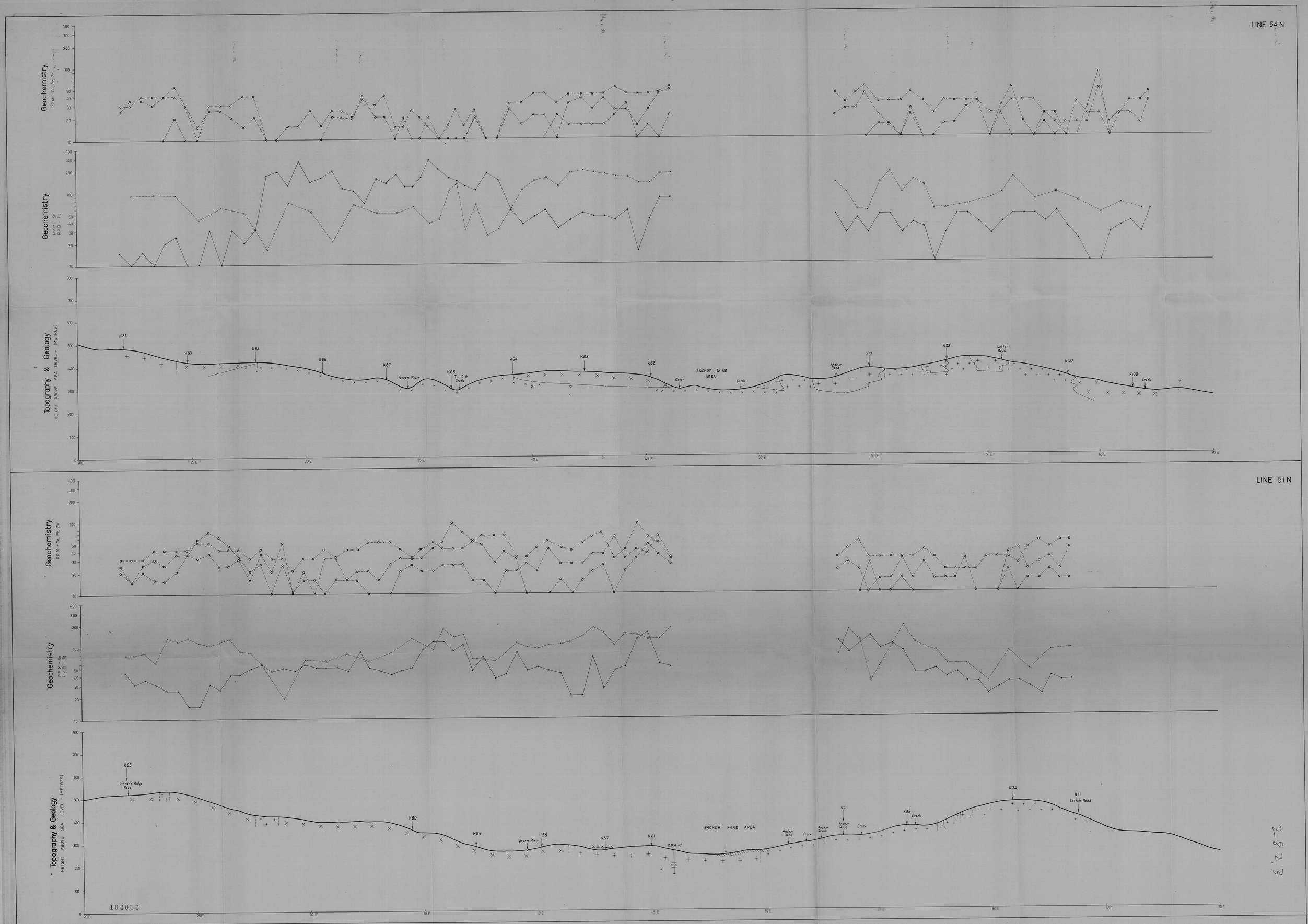
Generally medium grained (C.G.G.2)

LOTTAH GRANITE - younger intrusions
Leucocratic, equigranular granites
Anchor Granite Similar to lower granite in Anchor Mine, medium grained (A.G.)
Fine to medium grained, includes all other leucocratic types. (F.G.G.) e.g. quartz - feldspar porphyry ($P_{qp}P$) aplite, muscovite granite, pegmatite.
Greisenised rock

5 cm

FIGURE 4(b)

2822



2823

RENISON LIMITED

BLUE TIER AREA E.L. 9/76
LOTTAH GRID
LINES 54 N & 51 N

GEOLOGIST : A. ROSS	SCALE 1:5000 METRES
DRAUGHTSMAN : T.G.D.S.	100 0 100 200
DATE : Jan. 1980	
REVISIONS :	DRAWING No. BT 205

GEOCHEMISTRY

Sn
Hg
Cu
Pb
Zn

Sections looking north

GEOLOGY

Recent - sluiced alluvial workings
River alluvium.
Basalt scree
Dolerite intrusive
Mathina Beds, sediments (minor)

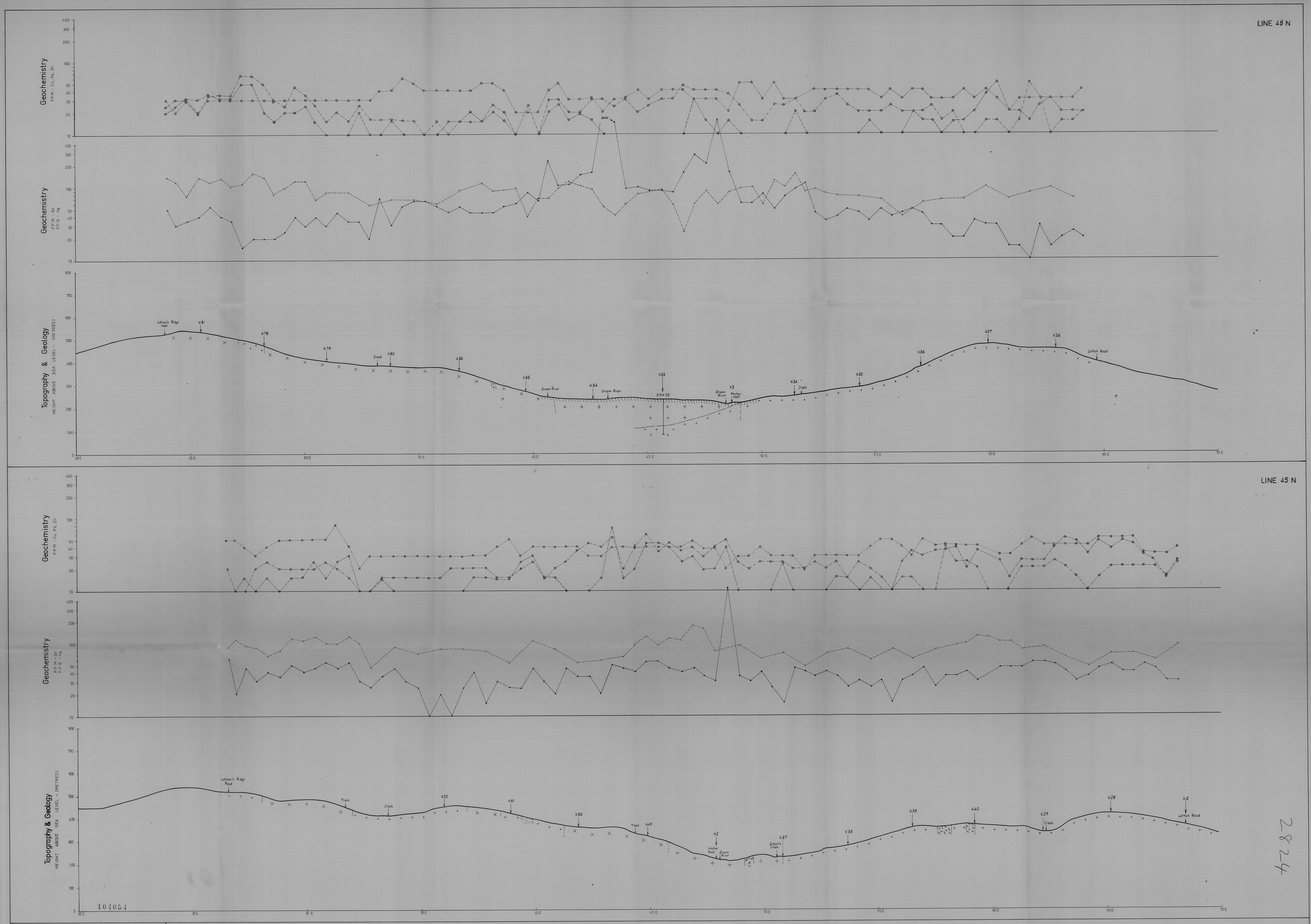
BLUE TIER COMPOSITE BATHOLITH
- Older intrusions
Mesocratic porphyritic biotite granite
Generally coarse grained (C.G.G.1)

Generally medium grained (C.G.G.2)

LOTTAH GRANITE - younger intrusions
Leucocratic equigranular granites
Anchor Granite Similar to lower granite in Anchor Mine, medium grained (A.G.)
Fine to medium grained, includes all other leucocratic types. (F.G.G.)
e.g. quartz - feldspar porphyry (Q.P.)
aplite, muscovite granite, pegmatite.
Greisenised rock

5 cm

FIGURE 4(c)
2823
80-1418



RENISON LIMITED

BLUE TIER AREA E.L. 9/76
LOTTAH GRID
LINES 45 N & 48 N

GEOLOGIST : A. ROSS	SCALE 1:5000 METRES
DRAUGHTSMAN : T.G.D.S.	100 0 100 200
DATE : Jan. 1980	
REVISIONS :	DRAWING No. BT 206

GEOCHEMISTRY

Sn
Hg
Cu
Pb
Zn
Sections looking north

GEOLOGY

Recent - sluiced alluvial workings
River alluvium
Basalt scree
Dolerite intrusive
Mathina Beds, sediments (minor)

BLUE TIER COMPOSITE BATHOLITH
- Older intrusions
Mesocratic porphyritic biotite granite
Generally coarse grained (C.G.G.1)

Generally medium grained (C.G.G.2)

LOTTAH GRANITE - younger intrusions
Leucocratic equigranular granites
Anchor Granite Similar to lower granite in Anchor Mine, medium grained (A.G.)
Fine to medium grained, includes all other leucocratic types (F.G.G.)
e.g. quartz - feldspar porphyry (P.P.) aplite, muscovite granite, pegmatite
G.G. Greisenised rock

5 cm

FIGURE 4(d) 80-1418

2824

LINE N

Geochemistry
PPM - Cu, Pb, Zn

Geochemistry
PPM - Sn
PPB - Hg

Topography & Geology
HEIGHT ABOVE SEA LEVEL - (METRES)

20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E

LINE 42 N

Geochemistry
PPM - Cu, Pb, Zn

Geochemistry
PPM - Sn
PPB - Hg

Topography & Geology
HEIGHT ABOVE SEA LEVEL - (METRES)

Lethoney Ridge road K77 Tracks K74 K75 K76 Track K48 K47 K1 Anchor road Groom River Fingers of sediment (Mathinna Beds) K41 K42 K43 Creek K44 Creek K31 K30 Lottah Road K13

20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E

2825

104055

RENISON LIMITED

BLUE TIER AREA E.L. 9/76
LOTTAH GRID
LINES 42 N & N

GEOLOGIST : A. ROSS
DRAUGHTSMAN : T.D.S.
DATE : Jan. 1980
REVISIONS :

SCALE 1:5000 METRES
100 0 100 200

DRAWING No.
BT 207

GEOCHEMISTRY
Sn
Hg
Cu
Pb
Zn
Sections looking north

GEOLOGY
Recent - Raised alluvial workings River alluvium
Basalt scree
Dolerite intrusive
Mathinna Beds, sediments (minor)
BLUE TIER COMPOSITE BATHOLITH - Older intrusions
Mesocratic porphyritic biotite granite
Generally coarse grained (C&G)
Generally medium grained (C&G)
LOTTAH GRANITE - younger intrusions
Leucocratic equigranular granites
Anchor Granite Similar to lower granite in Anchor Mine, medium grained (A-G)
Fine to medium grained, includes all other leucocratic types. (F.G.G.) eg quartz - feldspar porphyry (Qzfp) aplite, muscovite granite, pegmatite.
Greisenised rock
5 cm

FIGURE 7(e) 80-1418.
2825

584 500 E | 584 700 E | 584 900 E | 585 100 E | 585 300 E

5436 000 N

2826

5435 800N

5435 600N

5435 400 N

5435 200 N

BT 1A ● No sig tin values O/B 18m weathered rubble

BT 43 ● No sig. tin values Greisenised 48m O/B 77m C.G.G.

~45°

5620 N

5570 N

5520 N

5470 N

5420 N

5370 N

5320 N

5270N

5220 N

5170 N

220m

200m

250m

BT 38 ● No sig. tin values. Two "sills" F.G.G. the upper sill overlain by 85m C.G.G.

BT 75 ● No sig. tin values O/B 13m C.G.G.

BT 30 ● No sig. intersection Greisenised 30m O/B 26m C.G.G.

BT 35 ● 77·8m, 0·26 Sn <0·01 Cu 0·02 Zn <1 g/t Ag F.W. 180 O/B 98m C.G.G. and intermixed F.G.G.

BT 36 ● No sig. tin values O/B 62mC.G.G.

BT 76 ● No sig. tin values O/B 6m C.G.G.

BT 48 ● 3·0m × 0·32 % Sn Greisenised throughout O/B 49m C.G.G.

BT 68 ● 12m, 0·24 Sn 0·05 Cu 0·06 Zn 8 g/t Ag F.W. 282 O/B 22m C.G.G.

BT 62 ● 75m 0·14 Sn <0·01 Cu 0·07 Zn 3 g/t Ag F.W. 193 O/B 73m C.G.G.

BT 24 ● No sig. tin values Greisenised to 25m

BT 34 ● No sig. tin values Intersected dolerite dyke O/B 12m C.G.G.

BT 18 ● No sig. intersection Greisenised 25m O/B 24m C.G.G.

BT 16 ● 10·7m, 0·24 Sn <0·01 Cu 0·01 Zn 1 g/t Ag F.W. 280 O/B 24m C.G.G.

BT 50 ● No sig. tin values O/B 63m C.G.G.

BT 32 ● No sig. tin values O/B 1m rubble

BT 33 ● No sig. tin values O/B 2m rubble

BT 67 ● No sig. intersection Greisenised 25m O/B 18m C.G.G.

BT 17 ● 35·6m, 0·19 Sn 0·04 Cu 0·18 Zn 3 g/t Ag F.W. 254 (e.o.h.) O/B 68m C.G.G. and intermixed F.G.G.

BT 19 ● 29m, 0·23 Sn, very patchy O/B 70m (not well defined) F.G.G. F.W. 250·4

BT 27 ● No sig. tin values Greisenised to 20m

BT 65 ● 26·7m, 0·41 Sn 0·03 Cu 0·08 Zn 6 g/t Ag F.W. 264 O/B 37m C.G.G.

BT 42 ● 63m, 0·51 Sn 0·10 Cu 0·05 Zn 14 g/t Ag F.W. 239 O/B 48m F.G.G.

BT 21 ● No sig. intersection O/B 5·4m C.G.G. and intermixed F.G.G.

BT 77 ● No sig. tin values

BT 15 ● 12m, 0·41 Sn 0·03 Cu 0·04 Zn 6 g/t Ag F.W. 277 O/B 15m rubble

BT 14 ● 19·4m, 0·23 Sn 0·06 Cu 0·08 Zn 9 g/t Ag F.W. 270 O/B 25m C.G.G.

BT 61 ● No sig. tin values below pegmatite O/B 82m F.G.G.

BT 46 ● No sig. tin values

BT 29 ● No sig. tin values

BT 53 ● No sig. tin values or greisen

BT 5 ● No sig. intersection

BT 65 ● 33m, 0·45 Sn 0·03 Cu 0·03 Zn 5 g/t Ag F.W. 254 O/B 22m C.G.G.

BT 22 ● Very patchy tin values 28m, 0·08 Sn F.W. 261 O/B 56m

BT 25 ● 30·4m, 0·19 Sn 0·1 Cu 0·01 Zn 14 g/t Ag F.W. 246 O/B 73m F.G.G.

BT 64 ● 39·3m, 0·23 Sn 0·05 Cu 0·06 Zn 7 g/t Ag F.W. 250 O/B 30m C.G.G.

F.W 255m

BT 4 ● 29·2m, 0·12 Sn (includes channel sample) At surface F.W. 255

BT 2 ●

32m, 0·45 Sn, 0·02 Cu 0·052n, 4 g/t Ag F.W. 250 O/B 24m

BT 63 ● 10m 0·33 Sn in pegmatite zone No continuity of minxl. with surrounding holes O/B 63m F.G.G.

BT 39 ● No sig. tin values

BT 60 ● No sig. intersection below pegmatite O/B 70m F.G.G.

BT 13 ● 37·8m, 0·19 Sn, 0·03 Cu 0·06 Zn, 6 g/t Ag F.W. 247 (e.o.h.) O/B 24m C.G.G.

75·5m, 0·31 Sn 0·02 Zn 8 g/t Ag in flat hole

BT 3 ● 27·4m, 0·31 Sn (includes channel sample) At surface F.W. 250

BT 20 ● Very patchy tin values 36·6m, 0·08 Sn F.W. 252 O/B 27m C.G.G.

32m, 0·24 Sn, <0·01 Cu 0·01 Zn, <1 g/t Ag F.W. 240 (e.o.h.) O/B 29m C.G.G.

335m, 0·34 Sn, 0·03 Cu 0·06 Zn, 4 g/t Ag

BT 6 ●

BT 9 ● F.W. 242 O/B 26m C.G.G.

BT 57 ● No sig. tin values

68m, 0·35 Sn <0·01 Cu, 0·02 Zn 5 g/t Ag in flat hole

Minxl. confined by C.G.G. at 253°

BT 23 ● 24·3m, 0·29 Sn F.W. 232 O/B 67m F.G.G.

BT 44 ●

27·3m, 0·25 Sn, 0·06 Cu 0·10 Zn, 23 g/t Ag F.W. 246 (upper surface of C.G.G. "tongue"). O/B 25m C.G.G.

BT 54 ● No sig. tin values

BT 2 ● 24·1m, 0·21 Sn (includes channel sample) At surface F.W. 247

BT 37 ● No sig. tin values

BT 7 ● 22·8m, 0·59 Sn 0·10 Cu 0·23 Zn 13 g/t Ag F.W. 248 (upper surface of C.G.G. "tongue") O/B 24m C.G.G.

BT 10 ● 7·1m, 1·15 Sn, 0·04 Cu 0·02 Zn, 6 g/t Ag F.W. 253 (upper surface of C.G.G. "tongue") O/B 31m C.G.G.

BT 56 ● No sig. tin values

BT 59 ● 34m, 0·17 Sn At surface F.W. 224·7

BT 49 ● 32m, 0·25 Sn At surface F.W. 227

BT 71 ● 24m, 0·54 Sn 0·01 Cu 0·05 Zn 1 g/t Ag F.W. 221 At Surface

BT 1 ● 26·2m, 0·14 Sn (includes channel sample) At surface F.W. 236 (e.o.h.)

BT 8 ● No sig. tin values O/B 38m C.G.G.

BT 11 ● 18·3m, 0·17 Sn 0·09 Cu <0·01 Zn 3 g/t Ag F.W. 234 (e.o.h.) O/B 44m C.G.G.

BT 26 ● No sig. intersection O/B 37m C.G.G.

BT 51

BT 55 ● 6·1m, 0·16 Sn At surface F.W. 241

BT 58 ● No sig. tin values Intersected dolerite dyke

BT 31 ● No sig. tin values O/B 43m C.G.G.

BT 69 ● 9m, 1·0 Sn 0·09 Cu <0·01 Zn 11 g/t Ag F.W. 219 O/B 43m C.G.G. & F.GG.

BT 28 ● No sig. intersection O/B 21m weathered rubble

BT 73 ● No sig. tin values

BT 45 ● No sig. tin values O/B 12m

BT 74 ● No sig. alteration O/B 20m C.G.G. & aplite

BT 47 ● O/B 59m C.G.G. 20m sill of F.G.G. with no sig. tin values

BT 72 ● No sig. tin values O/B 24m C.G.G. & aplite

⊙ 50m ⊙ 50m ⊙ 50m ⊙ 50m ⊙ 75m ⊙ 80m ⊙ 60m ⊙ 55m

104056

BT 6 ● 32m, 0·24 Sn <0·01 Cu 0·01 Zn <1 g/t Ag F.W. 240 O/B 29m e.o.h. C.G.G. F.G.G.

Drill hole number, collar position (and plan projection for angled holes)
Thickness and grade data
"Assay footwall" (m R.L.)
Overburden thickness
End of hole
"Coarse grained granite"
"Fine grained granite"

Location of 1:500 sections (Plans BT 429, 430 + 431)

⊙ Proposed hole

GN TN MN

5 cm

RENISON LIMITED

E.L. 9/76 – ANCHOR MINE AREA

DIAMOND DRILLING RESULTS

GEOLOGIST	A. ROSS
DRAUGHTSMAN	J. MATTHEWS
DATE	OCT. 1978
REVISIONS	March 1980

SCALE 1:1000 METRES

20 0 20 40

DRAWING No. BT 404

80-1A-18

FIGURE 5

2826

2827

5320 N

BT 60 Proj 23.0mS
BT 25 Proj 8.0mN
BT 20 Proj 5.5mS
BT 13 Proj 20.0mS
Track
Track
See section 5250N for BT 44
BT 6 Proj 2.0mN
BT 9 Proj 4.0mN
See section 5350N for BT 52
BT 3 Proj 3.5mS
BT 37 Proj 22.5mN
No sig minxl
No sig minxl
19.5m × 0.41
Channel Sample
Proj 5.0mS
4.5m × 0.41
11.0m × 0.24
18.0m × 0.34
15.0m × 0.51
8.0m × 0.41
20.0m × 0.27
9.5m × 0.21
24.0m × 0.25
BT 2 Proj 19.0mN
BT 1 Proj 22.5mN
R.L. 258.6
R.L. 264.9
R.L. 240.0
R.L. 240.5
R.L. 247.1
R.L. 268.0
BT 51 R.L. 236.0 Proj 25.0m N
R.L. 222.3
68.0m × 0.35
R.L. 200.2
R.L. 191.0
R.L. 151.3

5270 N

BT 44 Proj 34.5mS
BT 7 Proj 17.0mS
BT 8 Proj 16.5mN
BT 10 Proj 8.0mS
Track
BT 11 Proj 8.0mS
BT 2 Proj 17.5mN
Channel Sample
BT 1 Proj 6.5mN
15.0m × 0.86
No sig minxl
11.0m × 0.33
8.0m × 2.21
6.0m × 0.32
9.0m × 0.40
R.L. 235.8
R.L. 233.3
R.L. 223.9
R.L. 230.0
BT 51 Proj 25.0mS
R.L. 237.7
No sig minxl
R.L. 231.8
No sig minxl
R.L. 218.8 Proj 7.5mN
R.L. 190.4 Proj 12.0mS

5220 N

Track
Track
Track
Road
Road
BT 69 Proj 17.7mN
BT 1 Proj 13.0mN
9.0m × 1.00
No sig minxl
R.L. 204.8
R.L. 170.6

5170 N

Road
Creek
Track
Track
BT 28 Proj 8.5mS
No sig minxl

NOTE:
All drill hole data projected onto section.
All geological contacts shown are on section.
(Thus projected drill hole data shown may not correspond exactly with interpreted on-section geology)

DRILL HOLE DATA
- Assay interval
- Assays less than 0.1% are not shown
- Assays
- Indicates the distance in-hole geological contacts are moved to relate to section geology

% Sn
0 0.5 1.0 1.5 2.0

5 cm

LEGEND
- Weathered granite
- Coarse grained granite
- Fine grained granite

SECTION LOOKING NORTH

104057

RENISON LIMITED

ANCHOR MINE – SECTIONS

5170 N, 5220 N, 5270 N, 5320N

GEOLOGIST : A Ross	SCALE 1:500 METRES (10 0 10 20)
DRAUGHTSMAN : J Matthews	
DATE : June 79	DRAWING No. BT 429
REVISIONS :	

80-1418

FIGURE 6(a)

2827

2828

5470 N

Road
Track
Track
Track
Track
Track
Creek
Track

BT 24 Proj. 10.0m S
BT 16 Proj. 11.5m N
BT 18 Proj. 4.5m N
BT 66 Proj. 18.5m S
BT 62 Proj. 14.5m S

core loss
No sig mins
R.L. 239.1
7.0m × 0.2
R.L. 245.0
9.0m × 0.27
12.0m × 0.24
R.L. 252.8
R.L. 216.4
14.0m × 0.28
23.0m × 0.15
R.L. 196.1

5420 N

Track
Track
Track
Track
Track
Track

BT 27 Proj. 1.0m S
BT 15 Proj. 13.5m N
BT 67 Proj. 17.0m S
BT 14 Proj. 21.0m N
BT 65 Proj. 4.5m N
BT 17 Proj. 24.5m S
BT 42 Proj. 2.0m S
BT 19 Proj. 11.5m S
BT 61 Proj. 22.5m S
BT 21 Proj. 3.5m N

8.0m × 0.77
9.0m × 0.31
No sig mins
26.7m × 0.41
9.0m × 1.05
31.5m × 0.2
6.0m × 0.17
19.5m × 0.25
28.0m × 0.48
62.5m × 0.51
21.0m × 0.23
26.0m × 0.70
4.0m × 0.15
No sig mins
3.0m × 0.42
R.L. 229.3
R.L. 225.4
R.L. 182.2
R.L. 235.2
R.L. 247.7
R.L. 253.8
R.L. 245.3
R.L. 230.8
BT 52 Proj. 25.0m N
R.L. 239.9 Proj. 3.5m S
R.L. 223.8
4.0m × 0.67
3.0m × 1.13
13.0m × 0.65
R.L. 203.9

5370 N

Track
Track
Track
Track
Track
Track
Track
Track
Track

BT 64 Proj. 5.5m N
BT 22 Proj. 13.0m S
BT 63 Proj. 12.0m N
BT 25 Proj. 6.5m S
BT 39 Proj. 13.5m N
BT 12 Proj. 22.5m N
BT 66 Proj. 5.0m S

ANCHOR OPEN CUT
Collapsed Bench
Channel Sample
BT 5 Proj. 10.5m S
BT 4 Proj. 18.5m N
BT 53 Proj. 5.0m S
Track
Proj. 6.3 5m N

No sig mins
3.0m × 0.92
8.1m × 0.98
9.6m × 0.46
10.0m × 0.33
13.5m × 0.22
32.0m × 0.45
33.0m × 0.45
21.0m × 0.32
39.3m × 0.23
30m × 0.32
5.0m × 0.33
26.0m × 0.23
No sig mins
R.L. 261.8
R.L. 254.6
R.L. 243.5
R.L. 228.5
R.L. 217.1
R.L. 255.3
R.L. 241.7
R.L. 246.2
R.L. 234.3
BT 52 Proj. 25.0m S
No sig mins
core loss
core loss
R.L. 205.4 Proj. 17.0m N
75.5m × 0.31

104058

NOTE
All drill hole data projected onto section.
All geological contacts shown are on section.
(Thus projected drill hole data shown may not correspond exactly with interpreted on-section geology)

DRILL HOLE DATA
Assay interval
Assays less than 0.1% are not shown
Assays
Indicates the distance in-hole geological contacts are moved to relate to section geology
% Sn
0 0.5 1.0 1.5 2.0

LEGEND
Weathered granite
Coarse grained granite
Fine grained granite

SECTIONS LOOKING NORTH

5 cm

RENISON LIMITED

ANCHOR MINE - SECTIONS

5370 N, 5420 N, 5470N

GEOLOGIST	A. Ross
DRAUGHTSMAN	J. Matthews
DATE	June '79
REVISIONS	

SCALE 1:500 METRES
10 0 10 20

DRAWING No. BT 430

80-1418 2828 FIGURE 6(b)

2829

5620 N

BT A1
Proj 17.5m S

Track

Track

Road

BT 43
Proj 5.0m S

No sig. minxl.

0·47

No sig. minxl.

0·65
0·12

No sig. minxl.

R.L. 274·0

e.o.h. R.L. 95·7

R.L. 135·0

e.o.h. R.L. 72·6

5570 N

BT 38
Proj 13.0m S

Road

Track

Track

No sig. minxl.

R.L. 205·5

5520 N

BT 30
Proj 5.0m S

BT48
Proj 19.5m N

BT 35
Proj 1.0m N

BT 36
Proj 15.0m N

Road

Track

0·12
0·13
0·11

e.o.h. R.L. 254·4m

0·20
0·39
0·15
0·85

0·50
0·20

No sig. minxl.

0·12

R.L. 181·5m
e.o.h. R.L. 142·8m

0·16
0·19
0·23

0·98
0·26
0·21
0·27
0·31
0·11
0·14
0·36
0·37
0·23
0·20
0·21
0·31
0·24
0·26
1·21
0·26
0·68
0·44
0·78
0·26
0·39
0·21
0·77
0·34
0·42
0·12
0·17
0·24
0·93
0·50
0·50
0·18

67·0m × 0·29

36·5m × 0·35

R.L. 180·0
e.o.h. R.L. 169·7m

No sig. minxl.

e.o.h. R.L. 221·4m

104059

NOTE:
All drill hole data projected onto section.
All geological contacts shown are on section
(Thus projected drill hole data shown may not correspond exactly with interpreted on-section geology).

DRILL HOLE DATA

Assay interval

Assays (less than 0·1% are not shown)

Assays

Indicates the distance in-hole geological contacts are moved to relate to section geology

% Sn

0 0·5 1·0 1·5 2·0

LEGEND

Weathered granite

Coarse grained granite

Fine grained granite

5 cm

SECTION LOOKING NORTH

RENISON LIMITED

ANCHOR MINE – SECTIONS

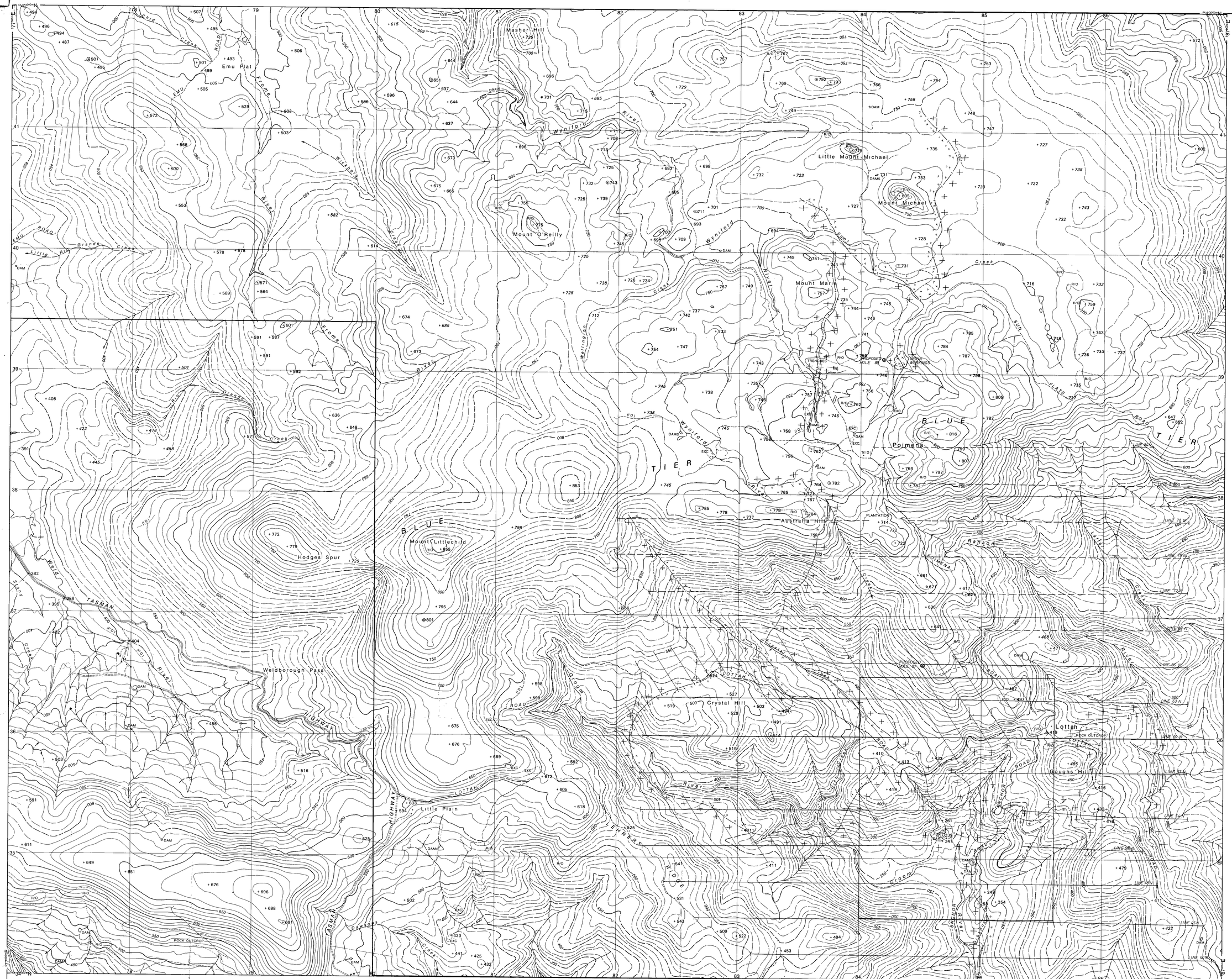
5520 N, 5570 N, 5620 N

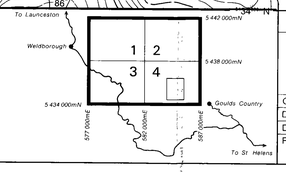
GEOLOGIST	A. Ross	SCALE 1:500 METRES
DRAUGHTSMAN	J. Matthews	10 0 10 20
DATE	June '79	
REVISIONS		DRAWING No. BT 431

80-1148

2829

FIGURE 6(c)





LEGEND

CONTOUR INTERVAL 10 METRES

Sealed Road	Unsealed Road	Contour	
Major Track	Minor Track	Form Line	
Watercourse	Bridge	+ 494	Spot Elevation
Building	Fence	+ 826	Approx Spot Elevation
Power Line		N B	Form lines and italic spot elevations indicate lower reliability due to dense vegetation cover
Timber Boundary		Datum	Horizontal — Australian Map Grid Vertical — Australian Height Datum
(P D)	Position Doubtful		
(I D)	Interpretation Doubtful	Grid Interval	1000 metres

Licence boundary
Existing gridded area
Proposed grid
Area of longer term interest

Coarse grained 'older' granite
Tin bearing fine - medium grained 'younger' granite
Tin poor 'younger' granite

5 cm

Mapping photogrammetrically compiled by Associated Aerial Surveys Pty Ltd
Compilation date November 1978 from aerial photographs dated 12-12-1977

104060

RENISON LIMITED

BLUE TIER AREA
GENERAL GEOLOGY AND
PROPOSED WORK - 1980

GEOLOGIST	A Ross	SCALE 1.10,000 METRES
DRAUGHTSMAN	J Matthews	200 100 0 200 400
DATE	24-1-80	
REVISIONS		DRAWING No BT 028

80-1418

2830

FIGURE 7.

2830

045

MICROFILMED

APPENDIX III

Legend for Drill Hole Plot



Coarse Grained Granite

Fine Grained Granite

Fine Grained Granite/Greisen

Greisen

Pegmatite

Quartz Feldspar Rocks (Aplite)

Dolerite

OPEN FILE

046

HOLE No.: BT 69

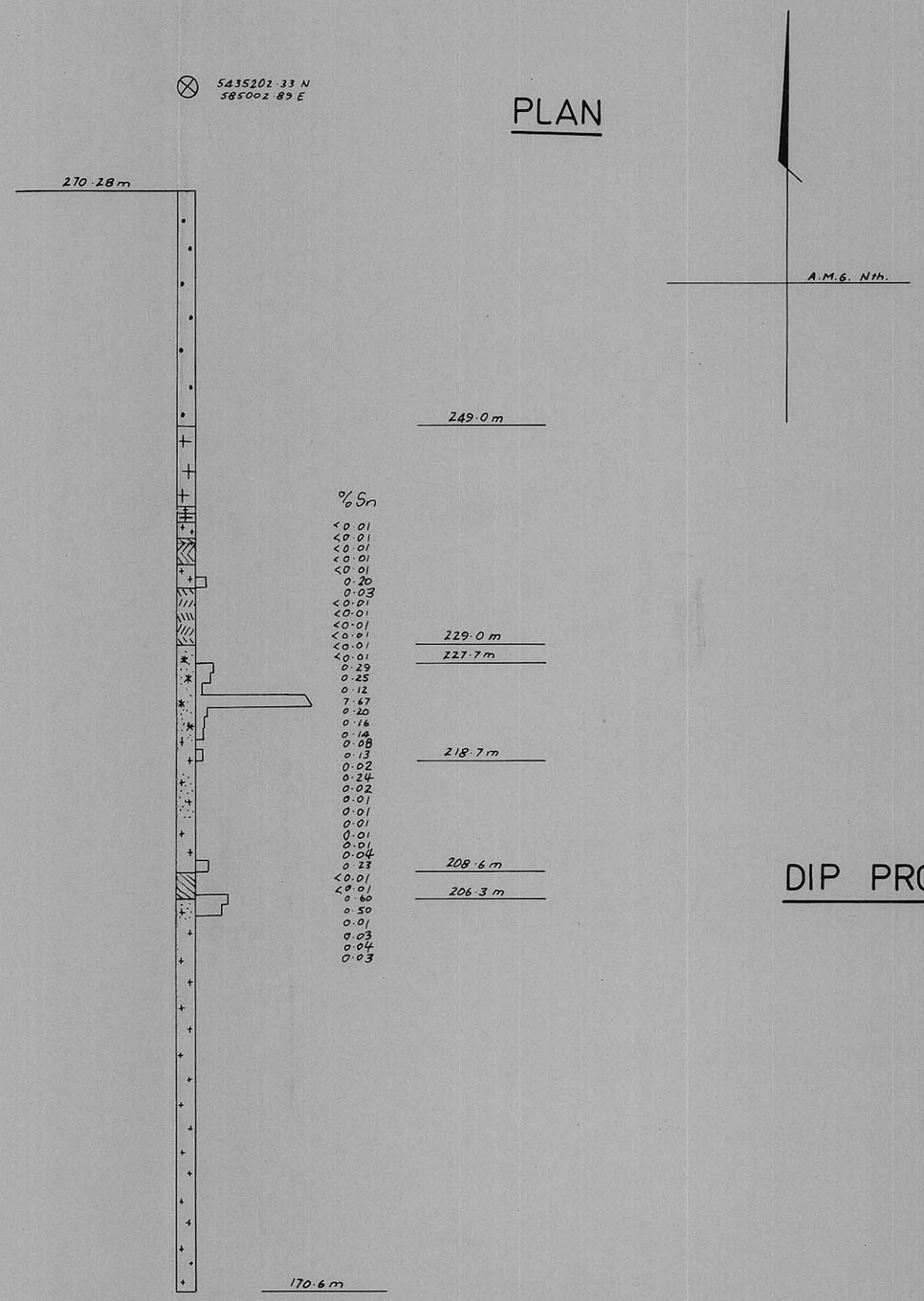
SCALE: 8 16 32 metres

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

104062

5 cm



DIP PROFILE

047

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

104063

HOLE No.: BT 70

SCALE: 0 10 20 metres

5 cm

A.M.G. North

PLAN

211·3m

DIP PROFILE

111·3

NO ASSAYS

70·6m

54348|3·022 N
584567·571 E

229·121m

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

104064

048

HOLE No.: BT 71

SCALE: 0 5 10 metres

5 cm

5435767·81 N
584856·33 E

PLAN

A.M.G. North

244·94 m

%Sn
0·70
0·37
1·48
0·38
0·76
0·41
0·26
0·44
0·42
0·05
0·01
0·02
0·01
0·68
0·01
0·10
1·09
0·90
2·35
0·75
0·85
0·20
0·11
0·47
0·01
0·25
0·24
<0·01
<0·01
<0·01
<0·01
<0·01
0·03
<0·01
<0·01
<0·01
<0·01
<0·01
<0·01
<0·01
<0·01
<0·01

235·9 m

229·9 m

220·9m

184·9 m

DIP PROFILE

049

HOLE No.: BT 72

SCALE : 0 10 20 metres

RENISON LIMITED

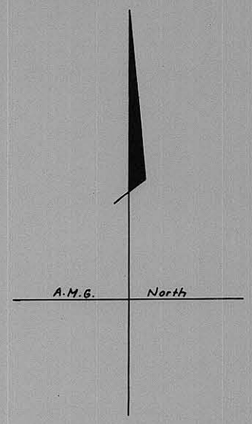
DIAMOND DRILL HOLE PLOT

104065

5 cm

5435086·36 N
584843·96 E

PLAN



240·805 m

232·3m

216·6 m

204·1m

151·3 m

% Sn
0·01
<0·01
<0·01
<0·01
0·01
<0·01
0·02
<0·01
<0·01
<0·01
0·01
0·01
<0·01
<0·01

DIP PROFILE

050

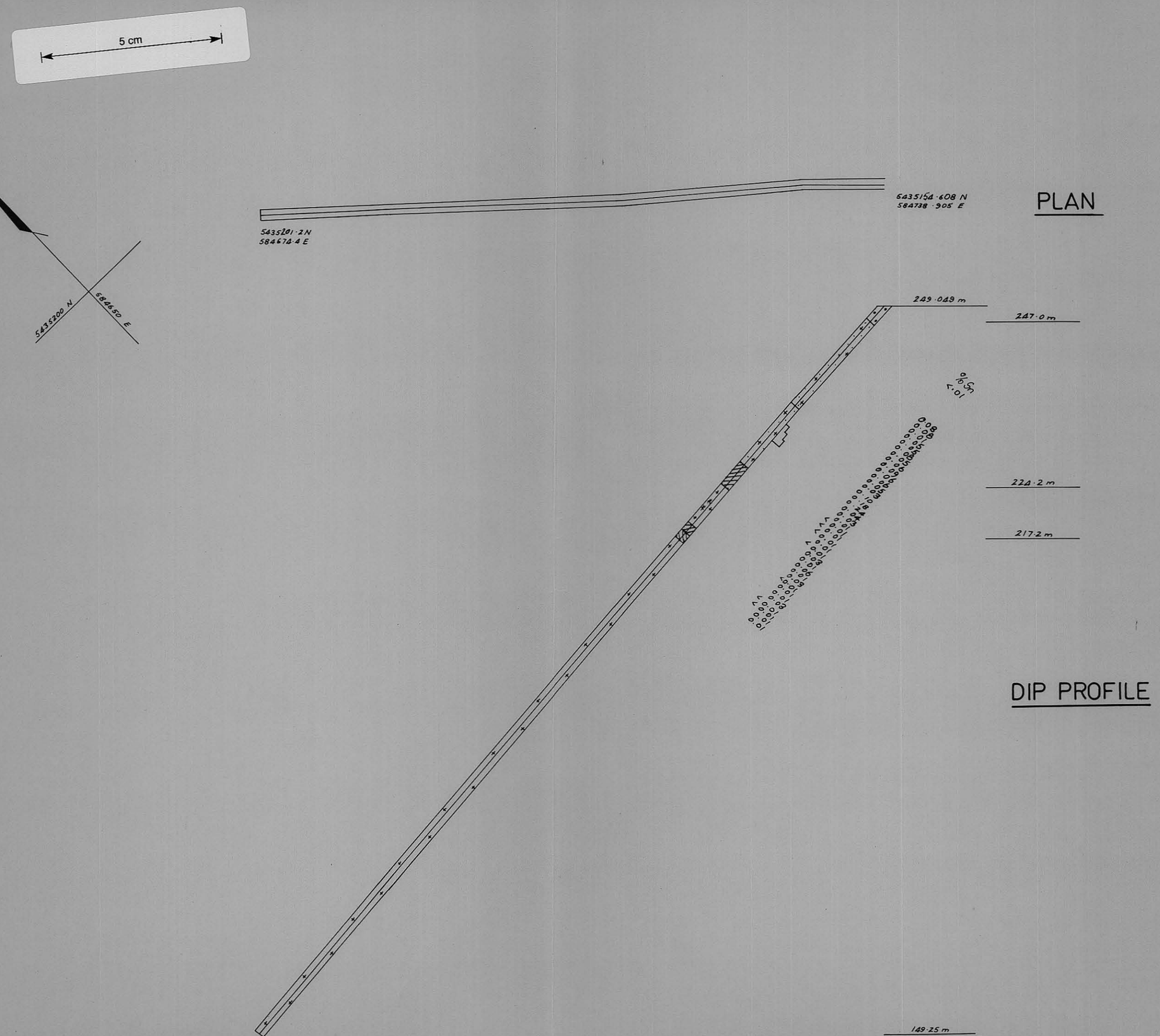
104066

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

HOLE No.: BT 73

SCALE: 0 10 20 metres



051

HOLE No.: BT 74

SCALE: 0 10 20 metres

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

104067

5 cm

5435118·383 N
584927·832 E

A.M.G. North

252·044

242·2 m
240·6 m

231·7 m

NO ASSAYS

189·7 m

052

HOLE No.: BT 75

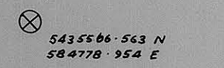
SCALE: 0 10 20 metres

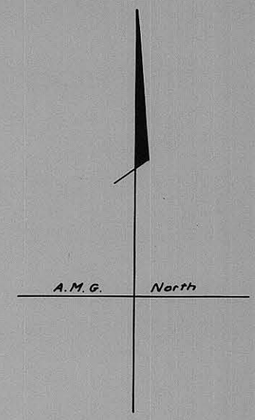
RENISON LIMITED
DIAMOND DRILL HOLE PLOT

104068

5 cm

PLAN





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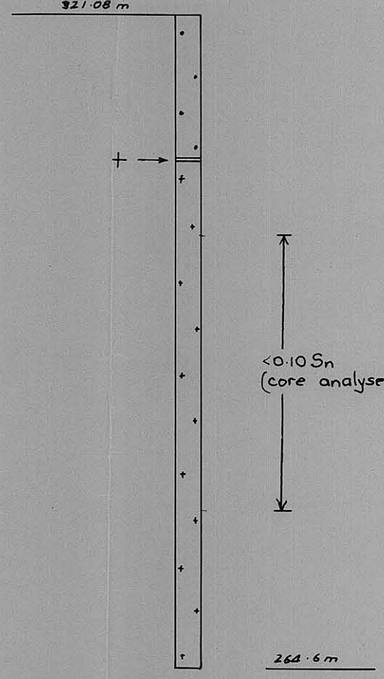


053

RENISON LIMITED

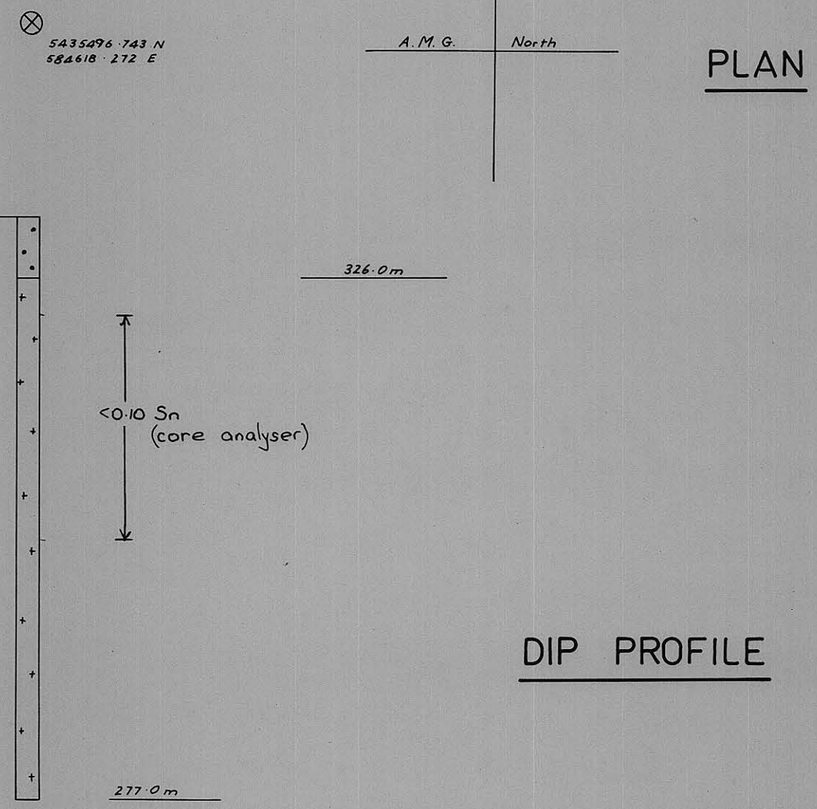
DIAMOND DRILL HOLE PLOT

104069

HOLE No.: BT 76

SCALE: 0 10 20 metres

5 cm



PLAN

DIP PROFILE

054

HOLE No.: **BT 77**

SCALE: 0 10 20 metres

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

104070

5 cm

PLAN

5435404·236 N
584699·204 E

A.M.G North

295.8 m

<0.10 Sn (core analyser)

239·3 m

DIP PROFILE

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

HOLE No. BT 78

SCALE: 0 20 40 metres

104071

055

5 cm

5435686·926 N
585638·181 E

A.M.G. North

PLAN

455·190 m

NO ASSAYS

230·8m

DIP PROFILE

RENISON LIMITED - DRILL CORE RECORD

104072

056

HOLE NUMBER	B.T. 69
PURPOSE	To test extensions of Anchor mineralisation
LOCATION	Anchor Mine
COLLAR R.L.	270.284
CO-ORDINATES	(543) 5202.328m N (58) 5002.89m E
LENGTH	99.7m
HOLE SIZE	0 - 24m NQ 24 - 99.7m BQ
DATE DRILLED	12/9/79 to 19/9/79
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. ROSS

SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
			0			270.3		
0	-	- 90	99.7			170.6		
3	-	- 89 3/4						
48	254 mag.	- 89						
99	273 1/2 mag	- 88 3/4						

COMMENTS

Tin mineralisation encountered below Coarse Granite cap.
Note: assay data is biased by 1 sample.
Minor mineralisation developed below pegmatite zone at 63.6m.

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				
Greisen	42.6	51.6	9	1.00	<0.01	0.09	<0.10		<0.01	<0.01			11				
	(including	1m 7.7% Sn)															
	63.6	65.6	2	0.55	<0.01	0.11	<0.10		<0.01	<0.01			11				

AWPS 27344

104073

DIAMOND DRILL RECORD

HOLE NUMBER : E.T. 69

LOGGED BY : A.R.

057

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	21.3	1	4.7	WEATHERED GRANITE													
				0 - 8.0m: One metre recovered. Rubble consisting of pinkish CGG, fresh and weathered. Minor aplite, FGG types.													
				8.0 - 21.3m No recovery. No water return. Presumed weathered CGG.													
21.3	28.7	7.4	1.00	COARSE GRAINED GRANITE: MINOR PEG, FGG, VEINS													
				21.3 - 23.4m: Pinkish-grey partly weathered porphyritic to equigranular CGG. Yellowish altered feldspars. Minor biotite.													
				23.4 - 23.5m: Mixture of pegmatite (pink feldspars), grey green FGG. Lower contact sharp 45 C.A.													
				23.5 - 23.8m: CGG, Partly weathered, as before													
				23.8 - 23.84m: Quartz, feldspar, i.e. pegmatite vein at 80-90 CA.													
				23.84 - 24.8m CGG, partly weathered, as before. Greenish clayey alteration.													
				24.8 - 24.9m: At 85 CA Vein of creamish aplite, greyish mica, alteration. Minor coarse cassiterite.													
				24.9 - 26.8m: CGG, partly weathered, as before. Yellow-green clayey alteration. No visible biotite.													
				26.8 - 27.15m Light grey to pink mixture of feldspar and FGG. Slightly greisenised. Layering at 75 C.A.													
				27.15 - 27.3m: Greyish-pink CGG. Slight greenish mica after vein.													
				27.3 - 27.5m: Pink-grey slightly altered CGG.													
				27.5 - 27.7m: Several low angle kaolin veins resulting in very broken, weathered CGG.													
				27.7 - 28.5m: As before, pink-grey slightly altered CGG.													
				28.5 - 28.7m: Approx. 50% dark mica in CGG segregation.													
28.7	28.8	0.1	100	PEGMATITE - Large pink feldspars and very coarse green micas.													
28.8	29.2	0.4	100	FINE GRAINED GRANITE ZONE.													
				28.8 - 29.1m: Greyish-green FGG with slight alteration. Lower contact sharp at 45 CA.													
				29.1 - 29.2m: Mixture of CGG, FGG and black biotite Grades into (Crude layering at 85 CA)													
29.2	30.1	0.9	100	COARSE GRAINED GRANITE													
				Pinkish grey colour, slightly altered. Sparse coarse light green micas.													

104074

058

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 69

LOGGED BY : A.R.

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	PPM Pb.	PPM Zn.	PPM Bi.	g/t Ag	% WO_3
30.1	31.6	1.5	100	COMPLEX LIGHT GREEN-WHITE FINE GRAINED GRANITE		29.6	30.6	<0.01	<0.01	<0.05	<0.10		2	9	5	1	
				30.1 - 30.15m: Layered coarse mica, quartz white feldspar, 85 CA.			31.6	<0.01	"	<0.05	"		1	5	5	3	
							32.6	<0.01	"	<0.05	"		2	9	5	1	
				30.15 - 31.6m: White to light pink in parts. Overall FGG with patches, layers of light green-grey mica. Crude veins, patches of mica up to 1-2cm wide. Kaolin vein at 45 at 30.4m. Trace pyrite in one mica vein and a few disseminated grains in the other mica patches.			33.6	<0.01	"	<0.05	"		2	10	5	6	
							34.6	<0.01	"	0.13	"		3	12	8	12	
							35.6	0.20	"	0.12	"		2	10	6	10	
							36.6	0.03	"	<0.05	"		2	6	13	5	
							37.6	<0.01	"	<0.05	"		1	4	3	4	
							38.6	<0.01	"	<0.05	"		1	8	3	1	
							39.6	<0.01	"	<0.05	"		1	9	4	1	
31.6	32.25	0.65	100	PEGMATITE ZONE, mixed with minor FGG as above. Core partly broken.			40.6	<0.01	"	<0.05	"		1	10	4	1	
							41.6	<0.01	"	<0.05	"		3	9	3	2	
32.25	34.0	1.75	100	MIXED ZONE: FGG, minor CGG ?, pegmatite and speckled biotite granite. All with patches of yellow green mica. Feldspars pinkish in places. Few diss. pyrite grains in rare mica patches. Core very broken for 30cm from 33.2m.			42.6	< 0.01	"	<0.05	"		1	8	3	1	
							43.6	0.29	"	0.08	"		1	10	7	10	
							44.6	0.25	"	<0.05	"		1	20	7	3	
							45.6	0.12	"	<0.05	"		1	10	3	2	
							46.6	7.67	0.02	0.17	"		1	30	13	27	
34.0	36.1			FINE GRAINED GRANITE: partly speckled texture, with minor pegmatite greisen alteration and with kaolin veins, resulting in broken core.			47.6	0.20	0.01	0.10	"		1	16	10	13	
							48.6	0.16	0.01	0.14	"		1	21	18	19	
							49.6	0.14	0.01	0.07	"		1	15	4	10	
				34.0 - 34.5m: Equigranular FGG with speckled biotite texture. Few kaolin veins at 30 C.A. Slight alteration			50.6	0.08	0.01	<0.05	"		2	17	4	5	
							51.6	0.13	< 0.01	0.06	"		2	13	8	10	
				34.5 34.95m: As above but with vertical pegmatite vein 2cm wide, with minor yellow-green mica, and 5cm pegmatite zone.			52.6	0.02	"	<0.05	"		1	6	4	5	
							53.6	0.24	"	<0.05	"		2	7	5	1	
							54.6	0.02	"	<0.05	"		1	11	5	4	
				34.95 - 35.0m: Cream - green-grey FGG. Slight alteration.			55.6	<0.01	"	<0.05	"		2	6	3	1	
				35.0 - 35.6m: Core very broken. Kaolin veined FGG to FGG/Gr. Cream-green-grey colour			56.6	<0.01	"	<0.05	"		1	7	4	1	
							57.6	<0.01	"	<0.05	"		2	5	3	1	
				35.6 - 35.7m: Pegmatite zone with patches of coarse cassiterite and pyrite.			58.6	<0.01	"	<0.05	"		2	5	3	1	
							59.6	<0.01	"	<0.05	"		2	6	4	1	
				35.7 - 36.1m: As before. Very broken cream-green-grey FGG.			60.6	0.04	"	<0.05	"		2	5	4	1	
							61.6	0.23	"	<0.05	"		2	5	4	1	
36.1	36.2			Dark grey FGG/Gr with speck of pyrite. No vis. cassiterite.			62.6	< 0.01	"	<0.05	"		2	10	5	2	
							63.6	< 0.01	"	<0.05	"		2	6	2	1	
36.2	41.25			ZONE OF MIXED LITHOLOGIES Mainly "acicular" texture, biotite in equigranular medium grained granite (FGG) with pegmatite segregations mica patches and slight greisen zones. Feldspars pinked in places.			64.6	0.60	0.01	0.12	"		2	8	8	12	
							65.6	0.50	< 0.01	0.10	"		2	6	6	11	
							66.6	0.01	"	0.04	"		< 1	2	2	3	
				36.2 - 38.4: White to slight pink grey granites with minor "acicular zones. Dark mica patches.			67.6	0.03	"	0.04	"		"	1	2	3	
							68.6	0.04	"	0.02	"		"	1	2	3	
				38.4 - 38.6m: Grades into more pink "acicular" zone			69.6	0.03	"	0.05	"		"	2	2	4	
				38.6 - 39.1m: Less pink, overall greyer, more greisenised zone. Dark grey to green coarse micas are common.													

104075

059

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 69

LOGGED BY : A.R.

RWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO.
				39.1 - 40.1m: As before, increased pinking of feldspar. Minor pegmatitic segregations. Contacts gradational "Acicular" texture common.													
				40.1 - 41.25m: As above but less pink colouration. White to grey cream medium grained granite.													
				41.25 - 42.6m: Grades into slightly less medium grained equigranular granite without acicular texture. Colour grey to cream with spotted micas. Increasing pinking of feldspars from 41.8m. Sharp but gradational contact with:													
41.25	48.6			FGG/Greisen zones up to 15cm wide in white to pink equigranular granite - Contacts gradational. Abundant coarse cassiterite from 45.7 to 46.1m, associated with fine pink feldspar rock.													
48.6	51.4			White to pink equigranular medium grained granite with medium biotite. Not FGG/Gr. Very broken especially from 50.2 to 51.3m, with numerous kaolin veinlets.													
51.4	51.55			Dark green FGG/Gr zone. Disseminated pyrite. Trace cassiterite.													
51.55	53.5			Barren medium grained biotite granite with pinkening common especially to 53.2m.													
53.5	54.65			Increase in alteration. FGG/Gr. Minor vis. cassiterite. Minor fine disseminated sulphide. Gradational contacts.													
54.65	56.9			Grades into greyish-pink medium grained equigranular granite with slight alteration. FGG to FGG/Gr.													
56.9	61.7			Grades into more leucocratic granite with zones of more or less biotite. Zones of more or less pinkening.													
61.7	64.0			Complex zone of mainly pegmatite with minor FGG/Gr (very fine grained) Layering suggested at 80 - 85 C.A.													
64.0	65.5			Medium grained equigranular FGG/Gr with most intense alteration for first 50cms - trace sulphide, no vis. cassiterite. Lesser grey colour to 65.5m.													
65.5	68.6			Cream to light grey FGG with slight pinkening from 67.9m. Few kaolin veinlets.													

104076

060

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 69

LOGGED BY : A.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO₃
66.6	69.4			Zone of intermixed FGG with pinkening and minor coarse mica patches.													
69.4	69.85			Zone of FGG/Gr to Greisen. Coarse grained with pegmatite patches Few grains of coarse cassiterite.													
69.85	73.8			Overall, FGG with spotted patches of coarse mica. Trace pyrite at 71.7m and elsewhere. Alteration is very light green mica-sericite kaolin veinlete common from 71.5m													
73.8	99.7			Grades into monotonous equigranular medium grained white to slight pinkish granite. No viz. mineralisation or alteration. From 98.7 to 98.9m is 20cm vein of finer grained granite. Contacts 45 to C.A.													
				END OF HOLE													

RENISON LIMITED - DRILL CORE RECORD

104077

061

HOLE NUMBER	B.T. 70
PURPOSE	To test I.P. anomaly K53
LOCATION	Line 4800N 300m W
COLLAR R.L.	229.121
CO-ORDINATES	(543) 4813.022m N (58) 4567.571m E
LENGTH	158.5m
HOLE SIZE	0 - 18m NQ 18 - 158.5m BQ
DATE DRILLED	20.9.79 to 25.9.79
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. Ross

SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
			0			229.1		
0			-158.6			70.6		
5	in casing	- 90						
59	155 mag	- 88 ½						
110	148	- 88 ½						
158	153	- 88 ½						

COMMENTS

Weathered granite to 18m, indicating a spurious origin for the I.P. anomaly

Contact between Coarse Grained Granite and Fine Grained Granite is deep, at 118m. No mineralisation encountered in the Fine Grained Granite unit.

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				B.C.A

NAPS 27344

104078

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 70

LOGGED BY : A.R.

KWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	17.8	-	0	Sand - decomposed granite.													
17.8	17.8			COARSE GRAINED GRANITE: minor veins of aplite, basic dyke. Barren except for trace sulphides in zone to 24m.													
				17.8 - 24.2m: Pink to slight green. Coarse grained granite to porphyritic CGG. Minor greisen/quartz/aplite veins up to 3cm wide, at 60 C.A. Colours due to weathering and oxidation of trace sulphides e.g. trace chalcopyrite at 21m (unusual). Dark greisen alteration at 19.5m. Colours changing to fresher grey granite with depth.												
				24.2 - 30.5m: Grey barren CGG. Core becoming very broken from 29.5m.													
				30.5 - 32.7m: Zone of minor alteration/weathering. Pinkening of feldspars. Core becoming less broken.													
				32.7 - 44.5m: Grey barren CGG with many clay veinlets resulting in broken core.													
				44.5 - 47.5m: More intense clay veinlets throughout. Grey barren CGG.													
				47.5 - 50.5m: Lesser clay veinlets. One or two quartz veins at 45 to C.A. (Up to 2cm wide)													
				50.5 - 53.5m: More intense clay veinlets resulting in very broken core. Minor pegmatitic segregation at 50.75m (3cm)													
				53.5 - 58.0m: Lesser clay veinlets in grey barren													
58.0	59.25			DARK GREY/BLACK FINE GRAINED BASIC DYKE: Chilled contacts 1cm at 45 CA.													
				59.25 - 62.0m: Grey CGG													
				62.0 - 62.9m: Greenish grey altered CGG. Relict texture. Gradational contacts. No viz. minxl.													
				62.9 - 84.5m: Grey barren CGG with very common grey aplite veins quartz veins, rare pegmatitic segregations up to 30cm wide and 20 - 30 CA. No viz. minxl.													
				84.5 - 93.4m: Grey CGG without significant aplite veins.													
				93.4 - 93.8m Intensely broken, clay veined zone of CGG													
				93.8 -117.8m: Grey barren CGG with minor aplitic veins, up to 2-3cm at 45 - 50° CA.													

104079

063

DIAMOND DRILL RECORD

HOLE NUMBER R.T. 70

LOGGED BY : A.R.

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
117.8	158.5			APLITE TO FINE GRAINED GRANITE													
				117.8 - 132.3m: Sharp contact, with 2-3cm pegmatite. Into very fine grained cream grey to slight pink aplite with common greyish ultrafine patches or greisen veinlets about joints. No minxl. Overall no biotite. Mixed granite types in a few zones. Large mica greisen vein at 118.3, at 45 C.A. and 3cm wide.												
				132.3 - 135.2m: Slightly fine to medium grained with biotite. Not aplitic. Few clayey veinlets. Cream to grey FGG. Pegmatitic zone, 5cm at base.												
				135.2 - 148.7m: Cream medium grained equigranular granite - the usual barren FGG. Minor, narrow (to 1-2cm) microgranite veins.												
				148.7 - 149.3m: Dyke of microgranite. Few feldspar phenocrysts. Contact sharp, at 75 - 80 C.A.												
				149.3 - 158.5m: Cream medium grained equigranular granite, FGG unit. Barren aplitic, microgranite veinlets, veins.												
				END OF HOLE.													

RENISON LIMITED - DRILL CORE RECORD

104080

064

HOLE NUMBER	B.T. 71	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
					0			244.9		
PURPOSE	To test for extensions of greisen	0	–	-90	60			184.9		
		50	302 mag	- 89						
LOCATION	In Anchor open cut.									
COLLAR R.L.	244.939									
CO-ORDINATES	(543) 5267.808m N (58) 4856.326m E									
LENGTH	60m									
HOLE SIZE	0 - 60m BQ									
DATE DRILLED	26.9.79 to 27/9/79									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Tin mineralisation encountered to 220m RL, which is unusually low. in relation to older Aberfoyle holes. Core logging suggests that the lower tin zone in this hole may comprise fine cassiterite, which is not visible in hand specimens. In general tin assays are confirmed by the tin-core analyser.									

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				B.C.A.
GREISEN	0	24	24	0.54	<0.01	<0.01	<0.10	0.1	<0.01	<0.05			1				
(including	0	9	9	0.58													
d	16	24	8	0.87)													

NWPS 27344

104081

065

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 71

LOGGED BY : A.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn	% Bi.	g/t Ag	% WO_3
0	1.50	0.5	33	Low recovery		0	1	0.70	0.01	0.01	< 0.1	0.2	< 0.01	0.02	0.006	1	
							2	0.37	0.01	0.02	< 0.1	0.2	< 0.01	0.02	0.006	1	
0	60	59	98	FINE GRAINED GRANITE/GREISEN to FINE GRAINED GRANITE			3	1.48	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.005	1	
				0 - 0.5m: Broken, slightly weathered yellow-grey FGG.			4	0.38	0.01	0.01	< 0.1	0.1	< 0.01	0.04	0.019	1	
				0.5 - 3.6m: Yellow-grey slight green FGG to FGG/Gr			5	0.76	0.01	0.01	< 0.1	0.1	< 0.01	0.04	0.008	1	
				3.6 - 4.4m: Grades into more intense alteration. Dark grey-green FGG/Gr to Greisen. Coarse dark green micas. Coarse diss. cassiterite.			6	0.41	0.02	0.05	< 0.1	0.2	< 0.01	0.02	0.006	1	
							7	0.26	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.006	< 1	
							8	0.44	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.004	< 1	
				4.4 - 11.2m: Grades into lighter grey to yellow FGG to FGG/Gr. Trace cassiterite. Minor kaolin veinlets and on joints to 8.3m			9	0.42	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.005	< 1	
							10	0.05	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.005	< 1	
							11	0.01	< 0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.006	1	
				11.2 - 12.6m: Increased alteration. More siliceous grey FGG/Gr Common amorphous pink alteration of feldspar.			12	0.02	< 0.01	0.01	< 0.1	0.1	< 0.01	0.03	0.019	1	
							13	0.01	< 0.01	0.01	< 0.1	0.1	< 0.01	0.04	0.022	1	
				12.6 - 14.85m: Increasing alteration/ FGG/Gr to Greisen. Very dark green with zones of massive mica. No relict granitic texture. Patches of pale pink brown amorphous mineral. Trace cassiterite. No sharp contacts.			14	0.68	< 0.01	0.01	< 0.1	0.1	< 0.01	0.04	0.023	1	
							15	0.01	0.01	0.01	< 0.1	0.1	< 0.01	0.03	0.008	1	
							16	0.10	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.007	< 1	
							17	1.09	0.01	0.01	< 0.1	0.3	< 0.01	0.02	0.005	< 1	
							18	0.90	< 0.01	0.02	< 0.1	0.1	< 0.01	0.03	0.005	< 1	
				14.85 - 20.2m: Grades into lesser alteration. Grey to yellow FGG to FGG/Gr. No vis minxl.			19	2.55	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.004	< 1	
							20	0.75	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.004	< 1	
				20.2 - 22.3m: As above but with common kaolin veinlets.			21	0.85	0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.005	< 1	
				22.3 - 24.4m: Yellow grey to cream FGG to FGG/Gr. Minor zones up to 20cm of increased alteration. No contacts			22	0.20	< 0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.006	< 1	
							23	0.11	< 0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.006	< 1	
				24.4 - 38.5m: Yellow to grey FGG to FGG/Gr with common low angle kaolinised joints. No vis. minxl.			24	0.47	< 0.01	0.01	< 0.1	0.1	< 0.01	0.02	0.007	1	
							25	0.01	< 0.01	0.01	< 0.1	0.2	< 0.01	0.02	0.009	1	
				38.5 - 44.5m: Slightly darker grey colour FGG/Gr to FGG. Lesser kaolin joints. Common tendency to coarse dark micas but still retains granitic texture. Sparse kaolin joints.			26	0.05	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	< 1	
							27	0.24	< 0.01	0.02	0.1	< 0.1	< 0.01	0.03	0.007	< 1	
							28	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	< 1	
							29	< 0.01	< 0.01	0.03	0.1	< 0.1	< 0.01	0.02	0.004	< 1	
				44.5 - 55.2m: Monotonous texture. Greyish FGG/Gr to FGG with equigranular texture. Coarse micas throughout. No viz. minxl.			30	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.006	< 1	
							31	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	1	
							32	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	1	
				55.2 - 60.0m: As above but with zones of lesser alteration FGG up to 80cm wide. Grey FGG/Gr otherwise.			33	0.03	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	1	
							34	< 0.01	< 0.01	0.02	0.1	< 0.1	< 0.01	0.02	0.007	< 1	
							35	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	< 1	
				END OF HOLE.			36	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	< 1	
							37	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	< 1	
							38	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	< 1	
							39	< 0.01	< 0.01	0.02	0.1	< 0.1	< 0.01	0.03	0.006	< 1	
							40	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.004	< 1	
							41	< 0.01	< 0.01	< 0.01	0.1	< 0.1	< 0.01	0.02	0.006	< 1	
							42	< 0.01	< 0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	< 1	
							43	< 0.01	0.01	0.01	0.1	< 0.1	< 0.01	0.02	0.005	< 1	

SCALE :

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

HOLE No. : BT 71

066

104082

REPORT CMS 80/1/11

Anchor Mine Samples

Four drill-core samples from DDH BT 71 were received for petrological examination, with special reference to the occurrence of cassiterite.

The samples (from 17.6 m, 17.9 m, 18.5 m, 19 m) were thin-sectioned and examined; because of their similarities, they are described collectively.

Petrology

The rocks are greisenised, mineralised, dominantly sodic granites, with fairly evenly distributed cassiterite.

The rocks consist of abundant, coarse quartz, as anhedral interlocking patches up to 3-4 mm across, with smaller laths of fresh albite, minor orthoclase, and relatively coarse muscovite flakes (and pale phlogopite). Replacive minerals, of pneumatolytic origin, are irregular to subhedral topaz crystals, and subradiating groups of muscovite flakes.

The cassiterite is generally associated and intergrown with the introduced muscovite; unlike previous samples, in which cassiterite forms good, often coarse crystals, the occurrences in all four intersections tend to be skeletal, irregular, poikiloblastic patches; these patches, though quite large, are intergrown with muscovite and thus lack the compactness of single crystals without intergrowths. The textures are unusual and are illustrated in the accompanying photomicrographs.

Because of the skeletal nature of the cassiterite, its effective grainsize (in terms of liberation) is much smaller than in other samples; compact masses (i.e. cohesive grains) seldom exceed 300 μ, and many are in the 10 μ - 100 μ or even 10 μ - 50 μ range; nevertheless, topaz is the only other "heavy" mineral present in any quantity. HOwever, the metallurgy will naturally be affected.

Photomicrographs

No. 1 (T.S. 30655, BT 71/17.6 m) Crossed polars, 30x
A single skeletal cassiterite crystal (black) intergrown with muscovite, quartz, albite.

No. 2 (T.S. 30655, BT 71/17.6 m) Crossed polars, 125x
A single crystal of cassiterite intergrown with muscovite (mottled appearance).

No. 3 (T.S. 30656, BT 71/17.9 m) Crossed polars, 30x
Two skeletal cassiterite crystals (two patches with different optical orientation) with fine muscovite, coarser quartz and albite.

No. 4 (T.S. 30658, BT 71/19 m) Crossed polars, 30x
One large and two smaller skeletal cassiterite crystals intergrown with silicates.

H.W. Fander, M. Sc.

SCALE :

Anchor Mine Samples

HOLE No. : BT 71

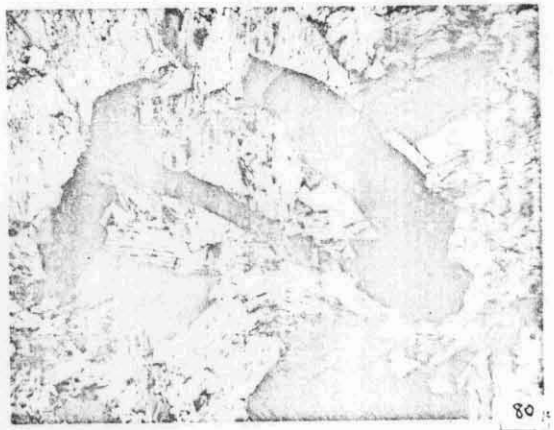
067

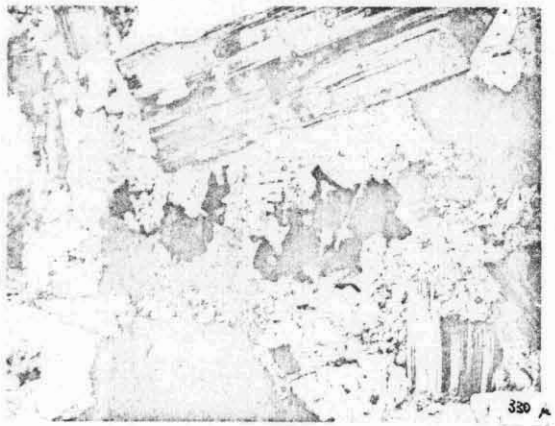
104083

No. 1 (T.S. 30655, BT 71/17.6 m) Crossed polars, 30x
A single skeletal cassiterite crystal (black) intergrown with muscovite, quartz, albite.

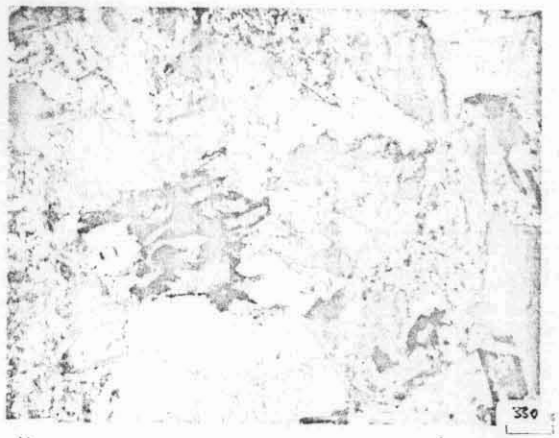


No. 2 (T.S. 30655, BT 71/17.6 m) Crossed polars, 125x
A single crystal of cassiterite intergrown with muscovite (mottled appearance).





No. 3 (T.S. 30656, BT 71/17.9 m) Crossed polars, 30x
Two skeletal cassiterite crystals (two patches with different optical orientation) with fine muscovite, coarser quartz and albite.



No. 4 (T.S. 30658, BT 71/19 m) Crossed polars, 30x
One large and two smaller skeletal cassiterite crystals intergrown with silicates.

RENISON LIMITED - DRILL CORE RECORD

104084 068

HOLE NUMBER	B.T. 72
PURPOSE	To test for extensions for greisen.
LOCATION	South of Anchor workings.
COLLAR R.L.	240.805
CO-ORDINATES	(543) 5066.358mN (58) 4843.961m E
LENGTH	89.5m
HOLE SIZE	0 - 15m NQ 15 - 89.5m BQ
DATE DRILLED	2.10.79 to 3.10.79
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. ROSS

SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
			0			240.8		
0	-	- 90	89.5			151.3		
5	in casing	- 89 ½						
41	086½ mag	- 89½						
89	-	- 90						

COMMENTS: Fine Grained Granite encountered at 24.2m, below which is no significant alteration. Hole is barren.

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				

NWPS 27344

104085

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 72

LOGGED BY : A.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	8.5	-	0	Sand. No core recovered. Probably CGG													
8.5	12.0	2.5		Very broken, weathered granite.													
12.0	23.7			? COARSE GRAINED GRANITE - CONTACT ROCK ? Core very broken to 14.5m light grey pink granite, more akin to CGG variety, with rare phenocrysts. Clayey alteration along joints. Weathered feldspars down to 21m. Very pink zone from 17.5 to 20.8 Hint of grey greisen alteration at 21.9m (very minor). Greisen vein (5mm) at 22.4m at 80 CA. Last 60cm is intensely pink-red CGG with minor phenocrysts and contains aplitic varities.													
23.7	24.2			PINK-GREY APLITE/CGG/FGG ROCK Subtle change. Probable contact at 24.2 with underlying intrusion.													
24.2	35.7			FINE GRAINED GRANITE													
				24.2 - 26.7m: Light pink-white to grey medium grained equigranular granite. Zone (5cm) of intense pinkening at base, with more black biotite. Grades into		26	27	0.01	<0.01	0.01	<0.1	<0.1	<1	1	2	<1	
							28	<0.01	"	0.02	"	"	"	1	2	1	
							29	"	"	0.01	"	"	"	1	1	<1	
				26.7 - 35.7m: White to cream FGG with lime green mica. Intensely altered (kaolinised) FGG Trace fluorite. Very unusual rock. Feldspars still relict - not the usual alteration style.			30	"	"	0.01	"	"	"	1	1	1	
							31	0.01	"	0.01	"	"	"	1	2	<1	
							32	<0.01	"	0.01	"	"	"	1	1	1	
							33	0.02	"	0.01	"	"	"	1	2	1	
							34	<0.01	"	0.01	"	"	"	1	1	1	
35.7	36.7			PEGMATITE White-grey-green zone. No sign minxl.			35	"	"	0.01	"	"	"	1	1	2	
							36	"	"	0.01	"	"	"	1	1	1	
36.7	89.5			FINE GRAINED GRANITE Clayey alteration in part.			37	0.01	"	0.02	"	"	"	1	1	1	
				36.7 - 38.9m: White-cream-slight green equigranular FGG with intense kaolin alteration becoming less with depth First 50cm contains very fine brown mica. Increase in pinkening at base. Grades into.			38	0.01	"	0.01	"	"	"	2	2	1	
							39	<0.01	"	0.01	"	"	"	1	1	1	
							40	"	"	0.01	"	"	"	1	1	1	
				38.9 - 40.5m: Brick-red zone. Several joints with fluorite smears													
				40.5 - 42.4m: Grades into more cream-white-pink equigranular FGG Barren.													
				42.4 - 44.0m: Increase in lime green alteration by way of low angle veinlets. Trace fluorite. Grades into:													
				44.0 - 56.6m: Pink-white-grey barren looking equigranular FGG. Minor pegmatitic greisen zones at 47.1m and 48.0m (less than 20 cms) and with trace fluorite.													

104086

070

DIAMOND DRILL RECORD

HOLE NUMBER B.T. 72

LOGGED BY : A.R.

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
				56.6 - 57.1m: Increase in yellow-green clayey alteration.													
				57.1 - 89.5m: Barren FGG with zones of varying colour due to minor pinkening and yellow green clayey alteration Several microgranite/aplitic veins occurring at 68.3m, 75.5m, 76.5m, 82.5m (20cms wide) with contacts ranging from 60 - 90. Fluorite/quartz veinlet at 85.0m.												
				END OF HOLE.													

RENISON LIMITED - DRILL CORE RECORD

104087

071

HOLE NUMBER	B.T. 73
PURPOSE	To test for extensions to greisen under the Syndicate workings, Anchor.
LOCATION	South of Anchor workings
COLLAR R.L.	249.049
CO-ORDINATES	(543) 5154.608m N (58) 4738.905 m E
LENGTH	131.5m
HOLE SIZE	0 - 9m NQ 9 - 131.5m BQ
DATE DRILLED	4.10.79 to 9.10.79
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. Ross
COMMENTS	Minor zone of tri mineralisation encountered between 21 and 24m. No significant alteration in Fine Grained Granite, below the Syndicate workings.

SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
0	300 mag	- 50	0	0		249.05		
5	in casing	- 48½	0 - 17	17	12.73	236.32	11.26	11.26
31	295 mag	- 49	17 - 55	38	28.68	207.64	24.93	36.19
79	298 "	- 49½	55 -105	50	38.16	169.48	32.31	68.5
130	300 "	- 49¾	105-131.5	26.5	20.23	149.25	17.12	85.62

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				
	21.0	24.0	3	0.17													

NWPS 27344

104088

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 73

LOGGED BY : A.R.

MWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.
0	3	0.4		Rubble of grey FGG/GR	
3	18.5			FINE GRAINED GRANITE/GREISEN	
				3.0 - 8.6m: 0.5m recovered. Fragments of quartz, yellow to red granite (not CGG).	
				8.6 - 10.6m: Grey FGG/GR with coarse dark micas. Trace moly, chalcopyrite. Slight kaolin alteration.	
				10.6-12.7m: As above but with yellow-green colour. FGG/GR - Trace cassiterite.	
				12.7-14.3m: Slightly broken and as above, but more green in colour.	
				14.3-18.5m: FGG/GR. More competent, less broken. Yellow green in places, but lighter grey FGG/GR. Trace cassiterite	
18.5	29.3			FINE GRAINED GRANITE TO FINE GRAINED GRANITE/GREISEN	
				18.5 - 20.9m: Becoming very pinked FGG to FGG/GR. No contacts. Sparse coarse micas.	
				20.9 - 21.0m: Kaolin zone. Increased alteration of above rock.	
				21.0 - 24.0m: As before, but with kaolin on joints. Pinkish yellow FGG to FGG/Gr. More intense greenish clayey alteration in parts. One rare fluorite vein.	
				24.0 - 29.3m: Lesser clayey alteration. Yellow to brick red FGG to FGG/GR. No vis. minxl. Few veinlets of quartz at 70 C.A. From 27.6m are low angle kaolin/quartz veinlets.	
29.3	33.1			Change in rock type but no evidence of sharp intrusive contacts. Variety of textures and colours. Cream to grey to brick red mixture of quartz feldspar with spots of mica, and aplitic FGG. Crude layering in parts, at 75 C.A. Rare quartz-fluorite veinlet (trace pyrite). Last metre is intensely broken and with clayey alteration.	
33.1	39.2			FINE GRAINED GRANITE, minor GREISEN	
				33.1 - 36.4m: Grades into creamy-red pink FGG to FGG/GR. No vis. minxl. At base is 4cm, well defined quartz vein at 45 - 50 C.A. Sharp contacts.	
				36.4 - 36.5m: Intense greisen zone, very broken. Dark green with trace diss. cassiterite near base. Grades into:	
				36.5 - 39.2m: Cream to light green yellowish FGG with tendency to light pink in last 1.5m. Rare 3cm peg. vein at 45 C.A.	

FROM	TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	3	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.03		1	
3	9	0.08	<0.01	0.09	<0.1	<0.1	<0.01	0.02		1	
	10	0.08	<0.01	0.06	<0.1	<0.1	<0.01	0.03		3	
	11	0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02		1	
	12	0.05	<0.01	0.03	<0.1	<0.1	<0.01	0.02		1	
	13	0.05	<0.01	0.03	<0.1	<0.1	<0.01	0.02		1	
	14	0.08	<0.01	0.03	<0.1	<0.1	<0.01	0.02		2	
	15	0.05	<0.01	0.04	<0.1	<0.1	<0.01	0.02		2	
	16	0.06	<0.01	0.03	<0.1	<0.1	<0.01	0.02		1	
	17	0.09	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	18	0.06	<0.01	0.02	<0.1	<0.1	<0.01	0.02		1	
	19	0.06	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	20	0.05	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	21	0.03	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	22	0.10	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	23	0.18	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	24	0.24	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	25	0.04	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	26	0.03	<0.01	0.01	<0.1	0.1	<0.01	0.01		1	
	27	0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01		1	
	28	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	29	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	30	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	31	0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01		1	
	32	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01		1	
	33	0.03	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	34	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	35	0.06	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	36	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	37	0.03	<0.01	0.01	<0.1	<0.1	<0.01	0.02		1	
	38	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	39	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	40	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	41	0.03	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	42	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	43	<0.01	<0.01	0.02	<0.1	<0.1	0.08	0.01		6	
	44	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	
	45	0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01		1	

104089

073

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 73

LOGGED BY : A.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
39.2	41.45			COMPLEX ZONE. Mixture of textures. Quartz feldspar rock with spots of mica, "pegmatitic" segregations. Mainly very fine grained aplitic varieties with mica segregations. Last 30 cms is very unusual - very finely layered grey aplite (similar to breccia fragment from Waxman and Weston's workings, Federation area). Lower contact sharp.												
41.45	42.8			PEGMATITE: First 20cm appears to be altered CGG. Then very coarse pink feldspar/quartz and minor mica. Minor layering at 50 C.A.												
42.8	131.5			FINE GRAINED GRANITE 42.8 - 49.8m: Medium grained equigranular FGG with varying colour. Pinkish white to grey. Barren. 49.8 - 50.9m: Intense orange-brown FGG. Weathered. Veinlets of clayey alteration. 50.9 - 51.4m: More jointed Small mica vein at 51.4m, 2cm and at 60 C.A. 51.4 - 51.7m: Slight greenish alteration. 51.7 - 53.0m: Slight pink FGG. Few clayey veinlets at 70 C.A. 53.0 - 95.5m: Cream to grey, monotonous unaltered, barren FGG. Minor sparse quartz veins and zones with finer grain-size. Minor kaolin veinlets. 95.5 -131.5m: White cream to grey medium grained FGG. Barren. Micro granite dykes/veins at 111.2, 114.2m. In last 7m, curious minor textural change of biotite.												
				END OF HOLE.													

RENISON LIMITED - DRILL CORE RECORD

104090 074

HOLE NUMBER	B.T. 74	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
PURPOSE	To test extensions of minxl encountered in B.T. 69				0			252.0		
		0		- 90	62.3			189.7		
		60	251 mag.	- 88 ¾						
LOCATION	252.044									
COLLAR R.L.										
CO-ORDINATES	(543) 5118.383mN (58) 4927.832m E									
LENGTH	62.3m									
HOLE SIZE	0 - 12m NQ 12 - 62.3m BQ									
DATE DRILLED	10.10.79 to 11.10.79									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A, Ross									
COMMENTS	Encountered Coarse Grained Granite to 11.5m, then aplite to 20.35m, followed by Fine Grained Granite without any sign of mineralisation.									

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				B.C.A.

NMPS 27344

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 74

LOGGED BY : A.R.

KWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	9.8	-	0	Dark orange-brown coarse sand. Weathered CGG?													
9.8	11.5	0.8		Decomposed, weathered, clayey granite CGG. Contact 11.5m.													
11.5	20.35			PINK APLITE with diffuse layering texture due to fine grey veinlets at 70 - 80° CA. Partly weathered to 14m. Rock is quartz feldspar with minor fine yellow mica. No minxl. At Base is 5cm with coarser grained texture (diffuse gradational change).													
20.35	62.3			FINE GRAINED GRANITE, minor FGG/Gr 20.35 - 21.2m: Grey to light creamy yellow, weakly layered aplite, FGG to FGG/Gr. 21.2 - 26.1m: Light grey-cream FGG/Gr to FGG. Not particularly altered. Slight clayey alteration on joints. 26.1 - 34.0m: As above, but with more clayey veinlets, resulting in broken core. Minor quartz, aplite veins at 20 - 40° CA. Barren. 34.0 - 35.7m: As before. Yellow grey FGG. Weak clayey alteration. 35.7 - 37.0m: Zone with slight pinkening of feldspar. First 10cm is intensely clay rich - no relict texture. 37.0 - 45.5m: Core is more competent. Creamy-grey FGG. No significant alteration. 45.5 - 47.4m: As above, slight pinkish tinge. 47.4 - 47.5m: Layered segregation of biotite, vein-like and 70°CA. 47.5 - 51.0m: As before. Slightly pinked FGG. Barren. Coarse mica-feldspar segregation (1 cm) at 50m. 51.0 - 62.3m: Pinkish to cream FGG. Barren. Minor green clays on joints.												
				END OF HOLE													

RENISON LIMITED - DRILL CORE RECORD

104092

076

HOLE NUMBER	B.T. 75	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
					0			321.1		
PURPOSE	To test extensions to greisen minxl, north of Anchor	0	-	- 90	0-56.5			264.6		
		56	295	-87						
LOCATION	North of Anchor Mine									
COLLAR R.L.	321.08									
CO-ORDINATES	(543) 5566.563mN (58) 4778.954mE									
LENGTH	56.5m									
HOLE SIZE	0 - 15m NQ 15 - 56.5m BQ									
DATE DRILLED										
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	No significant alteration or mineralisation Probable Coarse Grained Granite to 12.7m, followed by Fine Grained Granite, which is barren.									

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				B.C.A.

NWPS 27044

RENISON LIMITED

PAGE 1

104093

077

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 75

LOGGED BY : A.R.

KWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	12.5	-	0	Sand, weathered granite. Probably CGG.													
12.5	12.7		100	Pinkish, slightly weathered CGG.		19.2	41.9	<0.10	TIN	CORE ANALYSER.							
12.7	56.5			FINE GRAINED GRANITE													
				12.7 - 18.9m: Contact with CGG not conclusive, with no sign of pegmatite. Mainly white, cream to greenish medium equigranular granite with light green alteration. Biotite still present. Minor orange brown weathered zones. No vis minxl.													
				18.9 - 20.7m: Cream medium grained equigranular granite. Barren.													
				20.7 - 21.3m: Zone of lime green alteration. Barren FGG.													
				21.3 - 26.4m: Lesser lime green alteration of barren FGG.													
				26.4 - 30.0m: Zone of intense lime green clayey alteration of barren FGG. Complete replacement of feldspars in places.													
				30.0 - 44.5m: Lesser greenish alteration of FGG. Rare fluorite veinlet.													
				44.5 - 44.8m: Intense greenish clayey alteration.													
				44.8 - 51.0m: Slight greenish alteration of FGG.													
				51.0 - 56.5m: Lack of significant greenish clayey alteration. Creamy medium equigranular FGG. Barren.													
				END OF HOLE													

RENISON LIMITED - DRILL CORE RECORD

104094

078

HOLE NUMBER	B.T. 76	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From - To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
PURPOSE	To test for extensions of greisen							327.5		
		0	-	- 90	0 - 50.5			277.0		
		50m	259 mag	- 88½						
LOCATION	North of Anchor Mine									
COLLAR R.L.	327.458									
CO-ORDINATES	(543) 5496.743m N (58) 4618.272m E									
LENGTH	50.5m									
HOLE SIZE	0 - 6m NQ 6 - 50.5m BQ									
DATE DRILLED	18.10.79 - 19.10.79									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. Ross									
COMMENTS	No significant alteration or mineralisation. Probable weathered Coarse Grained Granite to 5.5m, followed by Fine Grained Granite which is barren.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t			B.C.A.

NWPS 27344

104095

079

DIAMOND DRILL RECORD

HOLE NUMBER : P.T. 76

LOGGED BY : A.R.

KWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO₃
0	5	0		No recovery. Sand weathered CGG													
						8.6	28.1	<0.1	Tin core	ANALYSER							
5	5.5	0.5		Fragments of weathered CGG. No contact rocks.													
5.5	14.5			White to creamish FGG with bands of orange-brown staining, due to weathering. No significant alteration or mineralisation.													
14.5	23.3			As above but without orange bands of weathering. White creamy FGG with minor yellow kaolin veinlets.													
23.3	34.2			Creamy white FGG with more intense clayey alteration. Lime green clayey veinlets common. No significant mineralisation.													
34.2	38.5			Greenish clayey alteration not as common FGG													
38.5	50.5			Creamy white FGG with occasional greenish veinlet. No significant alteration or mineralisation.													
				END OF HOLE.													

[redacted]ISON LIMITED - DRILL CORE RECORD

104096 080

HOLE NUMBER	B.T. 77	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
								295.8		
PURPOSE	To test for extensions of greisen	0	-	- 90	0-56·5			239.3		
		56	310 mag	- 88½						
LOCATION	North of Anchor Mine									
COLLAR R.L.	295.821									
CO-ORDINATES	(543) 5404.236m N (58) 4699.204m E									
LENGTH	56.5m									
HOLE SIZE	0 - 3m NQ 3 - 56.5m BQ									
DATE DRILLED	23.10.79 to 24.10.79									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. Ross									
COMMENTS	No significant alteration or mineralisation. This hole was designed to indicate if tin mineralisation is associated with the north-westerly extensions of the Anchor open cut, along Aeriel Creek. Fine Grained Granite lithologies were encountered but are barren.									

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				S.G.A.

NWPS 27344

104097

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 77

LOGGED BY : A.C.

081

NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g t Ag	% WO_3
0	3	0.7		Creamy-white FGG to FGG/Gr. Weak alteration. Broken. Iron stained due to weathering.		19.5	32.5	<0.10	TIN CORE ANALYSER								
3	5.5	1.2		White creamy FGG with minor greenish alteration. Minor iron staining.													
5.5	9.0			As above. Minor greenish clayey alteration along joints.													
9.0	9.7			Iron stained FGG.													
9.7	16.3			Creamish white FGG with lime green clayey alteration with minor zones of orange brown iron-staining (weathering). Very rare purple fluorite veinlets (40 to C.A.)													
16.3	29.0			Creamish-white FGG with minor limey green alteration. Barren. Minor fluorite veinlet at 16.7m.													
29.0	32.2			As above but core very broken due to clayey veinlets.													
32.2	37.0			Core less broken but with minor clayey veinlets. Still some FGG													
37.0	46.5			Whitish FGG with very rare clayey veinlets. Very rare fluorite veinlets.													
46.5	55.2			As above, slightly more broken due to clayey veinlets. Rare fluorite veinlets.													
55.2	56.5			Whitish FGG. Core more competent.													
				END OF HOLE.													

RENISON LIMITED - DRILL CORE RECORD

104098

082

HOLE NUMBER	B.T. 78
PURPOSE	To test I.P. sounding K22
LOCATION	NE of Anchor Mine, at Gough's Hill
COLLAR R.L.	455.190
CO-ORDINATES	(543) 5686.926m N (58) 5638.181m E
LENGTH	224.5
HOLE SIZE	0 - 24m NQ 24 - 224.5m BQ
DATE DRILLED	26.10.79 - 8.11.79
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. Ross

SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
			0			455.2		
0	-	- 90	224.5			230.3		
57	-	- 88¾						
117	-	- 88¾						
171	-	- 87¾						
222	-	- 87¾						

COMMENTS

Granite is very weathered to 29m, indicating a spurious source for the I.P. anomaly

No significant mineralisation encountered.

Predominantly Coarse Grained Granite with minor dykes, sills of Fine Grained Granite / aplite.

Hole ended in Coarse Grained Granite, which suggests the main contact with the younger granite lies below 230m R.L.

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS												B.C.A
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t			

NWPS 27344

104099 083

DIAMOND DRILL RECORD

HOLE NUMBER : B-T. 76

LOGGED BY : A. Ross

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0	3	0.5		Pink aplite and pegmatite.													
3	21	0		Coarse sand.													
21	75.2	52		COARSE GRAINED GRANITE													
				21.0 - 29.2m: Very weathered CGG (6m recovered)													
				29.2 - 35.9m: Slight pink-grey porphyritic CGG with last 90 cms becoming green clayey altered, broken and with minor pegmatite vein.													
				35.9 - 37.4m: Aplite/pegmatite vein. Pink grey colour. Sharp contacts. No significant alteration or mineralisation.													
				37.4 - 39.1m: CGG with brick red colour.													
				39.1 - 51.0m: Blue-grey CGG with several pegmatitic segregations, and mica veinlets.													
				51.0 - 52.2m: Zone of intensely broken, kaolinised CGG, White, greenish.													
				52.2 - 64.1m: Blue-grey CGG.													
				64.1 - 64.5m: Band of grey medium grained pegmatite/granite dyke Layering at 90 C.A.													
				64.5 - 65.4m: Intensely broken kaolinised CGG													
				65.4 - 75.2m: Blue grey CGG with several narrow (to 5cm) dark grey quartz-mica zones (greisen) and minor pegmatite with no significant mineralisation. Veins at 40 - 50 C.A. Speck of molybdenite. Sharp lower contact.													
75.2	107.4			MEDIUM GRAINED TO APLITIC "FGG" DYKE with minor PEGMATITE, MICA BLOTCHES (mainly quartz-feldspar).													
				75.2 - 78m: Mixed quartz-feldspar, aplite, pegmatite, quartz, greisenised CGG. Trace chalcopyrite in quartz vein.													
				78.0 -107.4m: Pink-grey aplite, quartz feldspar with disseminated blotches of mica. Minor rare quartz veins, pegmatite. Trace chalcopyrite in quartz vein). Chilled lower contact at 30 C.A.													
107.4	147.3			COARSE GRAINED GRANITE													
				107.4 - 112.5m: Intensely broken, Pink-grey clayey CGG													
				112.5-132.1m: Blue-grey CGG. Minor pegmatite segregations to 5cms													
				132.1-135.0m: Zone of intelsely broken, clayey CGG.													
				135.0-147.3m: Less broken blue-grey CGG. Rare pegmatitic segregations. Last 2.5cm becoming pink grey with													

104100

084

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 78

LOGGED BY : A.R.

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO3
				minor greisen/quartz veinlets.													
147.3	149.8			MEDIUM GRAINED, APLITIC "FGG" DYKE Pink, creamy white medium grained to aplitic quartz-feldspar rock (minor mica blotches). Contacts sharp, at 90 C.A. Minor layering at 90 C.A. Barren. No significant alteration.													
149.8	154.8			COARSE GRAINED GRANITE. Blue-grey with minor pinkening at contacts.													
154.8	157.5			APLITIC QUARTZ-FELSPAR DYKE Pink, creamy medium grained to aplitic dyke as before. Minor mica blotches.													
157.5	173.0			COARSE GRAINED GRANITE Pink-grey colour with rare minor aplitic bands. Core intensely broken in patches up to 80cms long.													
173.0	188.3			APLITIC QUARTZ-FELDSPAR DYKE. Zone of pink-grey fine grained quartz-feldspar, minor aplite, minor pegmatite bands with blotches of grey mica. Crude layering, very minor and at 90 C.A. Very rare mica veinlets. Colour very brick red in places. Contacts very sharp, 60 to C.A.													
188.3	201.6			COARSE GRAINED GRANITE Pink grey CGG with common clayey veinlets. Rare mica veinlets. Porphyritic.													
201.6	206.0			PINK-GREY QUARTZ-FELDSPAR DYKE Minor aplitic, pegmatitic textures blotches mica. Core very broken from 204.6m, with clayey development on joints.													
206.0	215.1			COARSE GRAINED GRANITE. Common pegmatite, quartz feldspar bands, veins at low angles to C.A. Clayey joints. Colours pink grey.													
215.1	218.1			QUARTZ-FEPDSPAR DYKE Pinkish cream as before.													
218.1	224.5			COARSE GRAINED GRANITE Pinkish for 1.5m, then blue-grey competent CGG. Barren.													
				END OF HOLE													

104101

085

APPENDIX IV

Metallurgical Testwork

Progress Report No. 4

104102

086

RENISON LIMITED

RESEARCH DEPARTMENT

BLUE TIERS METALLURGICAL TESTWORK

PROGRESS REPORT NO. 4

LABORATORY TESTWORK ON BT 64, 65, 66, 68

CONTENTS:-

1. SUMMARY
2. INTRODUCTION
3. GENERAL MINERALOGY
4. PROCEDURE
5. DISCUSSION AND RESULTS
6. APPENDICES

SUBMITTED BY: R.O. DEVLIN

PROJECT METALLURGIST

20TH MARCH, 1979

087

1. SUMMARY

Mineralogical examinations revealed the four holes tested contained no new phases and fitted into the general category for Blue Tiers mineralogy.

BT 64

Separations at 3.30 S.G. produced a sinks product assay of 2.97% Sn which is the lowest sinks assay for all the holes so far tested. Dilution of sinks was due to increased amounts of composites and free biotite and topaz reporting to sinks.

BT 65

Separation gave the lowest tin loss to floats of the holes so far tested, while still maintaining a high weight rejection to 3.30 S.G. floats of 79 percent. Sink assay at 3.30 S.G. separation was 13.58% Sn and consisted of cassiterite (approximately 80% liberated) and biotite and topaz.

BT 66

Tin distribution was evenly distributed throughout the sample with tin deportment to sinks reaching a peak at 212 microns. The 3.30 S.G. sink product assayed 14.70% Sn for 2.56% of the weight and 66.08% of the tin.

BT 68

Thirty percent of the tin in this sample was coarser than 850 microns and 90% of this tin reported to 3.30 S.G. sinks assaying 31.5% Sn. Overall, 3.30 S.G. sink assay was 19.84% Sn for a recovery of 78.04 percent.

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104104

2. INTRODUCTION

Metallurgical testwork in the form of heavy liquid separations at specific gravity 2.96 and 3.30 has been completed on composite core intersections from four further diamond drill holes BT 64, 65, 66 and 68.

Mineralogical examinations were performed by C.M.S. on sized products from the 2.96 S.G. separations to determine cassiterite liberation, association and general mineralogy. Heavy liquid products from previous tested holes BT 51 and 52 were also examined.

3. GENERAL MINERALOGY

The general mineralogy of blue tiers has been reported in previous metallurgical progress and C.M.S. reports and comprises essentially quartz, variably altered feldspar, green biotite, topaz and muscovite - sericite in varying proportions. Accessories include cassiterite, fluorite, sulphides and carbonate. Magnetite, zircon and wolframite occur as trace constituents.

In this context, the products examined by C.M.S. from the 6 drill holes were entirely normal with no new phases observed.

Locked particles of cassiterite in the + 850 and + 425 micron range were typically in composite with quartz or topaz and, in rare cases, biotite.

Cassiterite is generally 75 percent liberated in the + 425-850 micron sinks fraction rising to 90 + percent, liberated in the - 425 micron sinks.

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104105

089

4. PROCEDURE

Each composite samples was rolls crushed to 100 percent passing 1670 microns. Four samples screened on a $\sqrt{2}$ series were required from each hole for testwork involving tin analysis, heavy liquid separation at 2.96, heavy liquid separation at 3.30 and heavy liquid separation at 2.96 S.G. to obtain products for mineralogical examination.

Samples for mineralogical examination were sized at + 850, - 850 + 425 and - 425 + 38 microns, prior to separation.

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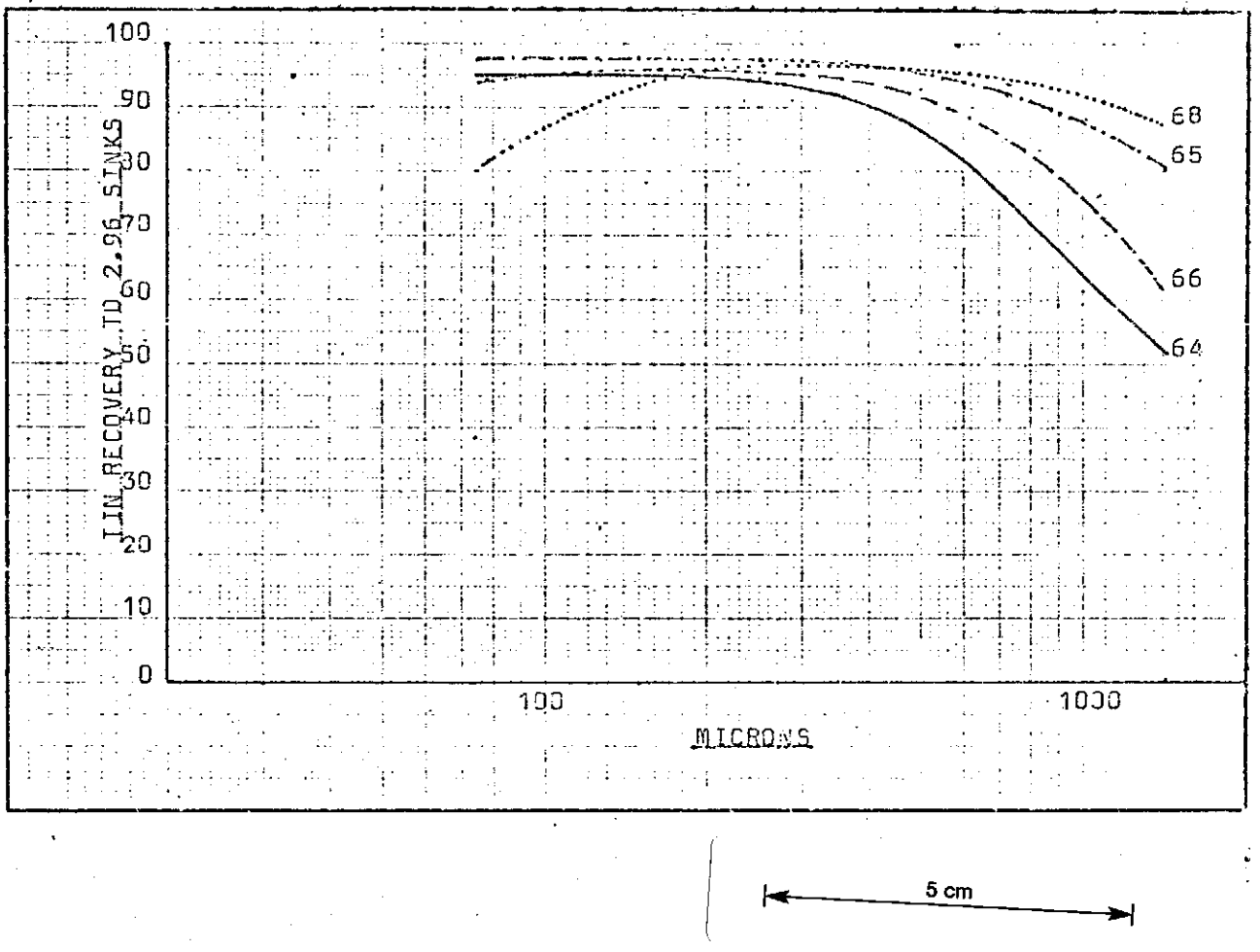
104106

5. DISCUSSION AND RESULTS

090

Figure 1 illustrates recovery of tin to 2.96 S.G. sinks for the four holes tested. It can be seen that recoveries of over 90 percent were maintained at sizes up to 400 microns for the four samples, with the most coarse recovery at 90 percent attained at 1100 microns for BT 68.

Figure 1: Sinks Tin Recovery and Size.



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091

BT 64

Mineralogical examination reveals that this hole represents the only suite where free cassiterite was absent from the + 850 - 1670 micron 2.96 S.G. sink fraction which indicates relatively fine and even grained cassiterite. Of the composite cassiterite in this product 56.5 percent reported to 2.96 S.G. sinks assaying 0.89 percent tin.

Figure 2 illustrates maximum deportment of weight and cassiterite to 2.96 S.G. sinks occurs at sizes less than 300 microns. Tin and weight distributions of floats at these sizes generally peak at 6 percent tin distribution and 83 percent weight distribution.

Table 1 bears out mineralogical results with the 3.30 S.G. sink product assay of 2.97% Sn being low due to the presence of cassiterite composites as well as free biotite and topaz.

Table 1: Overall Heavy Liquid Separations

Specific Gravity	Component	Weight	%Weight	% Tin	Distribution
<2.96	Floats	469.46	73.31	0.04	11.76
2.96 → 3.30	Middlings	45.84	7.16	0.51	14.64
>3.30	Sinks	29.99	4.68	2.97	55.74
Fines	Fines	95.06	14.85	0.30	17.86
Total	Head	640.35	100.00	0.25	100.00

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104108

092

Table 2: Sink Deportment at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	2.44	3.64	56.53	0.16	22.8
+ 600	2.11	3.81	62.16	0.13	29.3
+ 300	6.18	3.40	84.85	0.25	13.6
+ 150	10.70	2.89	92.03	0.31	9.3
+ 75	5.85	1.52	29.10	0.31	4.9
TOTAL + 75	5.50	2.97	71.18	0.23	12.9

BT 65

Mineralogical examination indicates that cassiterite reporting to the + 850 micron sink product was in the order of 60 percent liberated. Overall heavy liquid results gave a 3.30 S.G. product, assaying 13.58 percent tin with a recovery of 74.56 percent.

Figure 3 illustrates maximum deportment of tin to 2.96 S.G. sinks occurs at sizes less than 425 microns. At the coarsest size of 1670 to 1180 micron, 80 percent of the tin reported to 2.96 S.G. sinks with 5 percent of the weight of this fraction.

Maximum weight to sinks was not reached til sizes less than 212 microns, indicating liberation of other heavy minerals occurring at the finer sizes.

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093

104109

Table 3: Overall Heavy Liquid Separations

Specific Gravity	Component	Weight	%Weight	% Tin	Distribution
<2.96	Floats	567.41	79.68	0.03	4.69
2.96→3.30	Middlings	27.24	3.83	1.23	9.21
>3.30	Sinks	19.94	2.80	13.58	74.56
Fines	Fines	97.50	13.69	0.43	11.54
Total	Head	712.09	100.00	0.51	100.00

Table 4: Sink Deportment at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	0.94	18.2	63.30	0.27	67.4
+ 600	1.30	20.9	84.63	0.32	65.3
+ 300	3.90	13.8	94.92	0.57	24.2
+ 150	5.92	10.7	97.17	0.65	16.5
+ 75	4.37	13.2	93.78	0.62	21.3
TOTAL + 75	3.25	13.6	91.94	0.48	28.3

BT 66

Tin distribution was evenly distributed throughout the sample with 17 percent of the tin reporting to the minus 75 micron fraction. Tin deportment to sinks peaked at sizes less than 212 microns and this compared favourably with the weight deportment trends.

Liberation of cassiterite was good with the + 1180 micron 3.30 S.G. sink product assaying 25.0 percent tin. Overall 3.30 S.G. sink assay was 14.7 percent tin with the main dilutents being free biotite and topaz.

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Table 5: Overall Heavy Liquid Separations

Specific Gravity	Component	Weight	%Weight	% Tin	Distribution
< 2.96	Floats	552.14	78.84	0.06	8.31
2.96 → 3.30	Middlings	20.99	3.00	1.69	8.90
> 3.30	Sinks	17.91	2.56	14.70	66.08
Fines	Fines	109.28	15.60	0.61	16.71
Total	Head	700.32	100.00	0.57	100.00

Table 6: Sink Deportment at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	0.64	25.0	49.68	0.32	78.1
+ 600	1.31	19.6	70.28	0.37	53.0
+ 300	3.66	14.3	90.05	0.58	24.7
+ 150	5.25	11.9	94.28	0.66	18.0
+ 75	4.09	16.2	93.25	0.71	22.8
TOTAL + 75	3.03	14.7	85.17	0.53	27.7

BT 68

Mineralogical examinations reveal 60 percent liberation of cassiterite in the + 850 2.96 S.G. sink product.

Heavy liquid tests reveal that of the four samples tested, this sample contained the largest deportment of cassiterite in the 1180 micron fraction with 88 percent of the tin at this size reporting to 2.96 S.G. sinks assaying 11.7% Sn.

095

104111

From an overall feed of 0.24% Sn, the 2.96 S.G. floats contained 85.4 percent of the weight with 6.93 percent of the tin assaying 0.02% Sn.

High recoveries of cassiterite from this hole for a high weight rejection should be achievable on gravity separation devices.

Table 7: Overall Heavy Liquid Separations

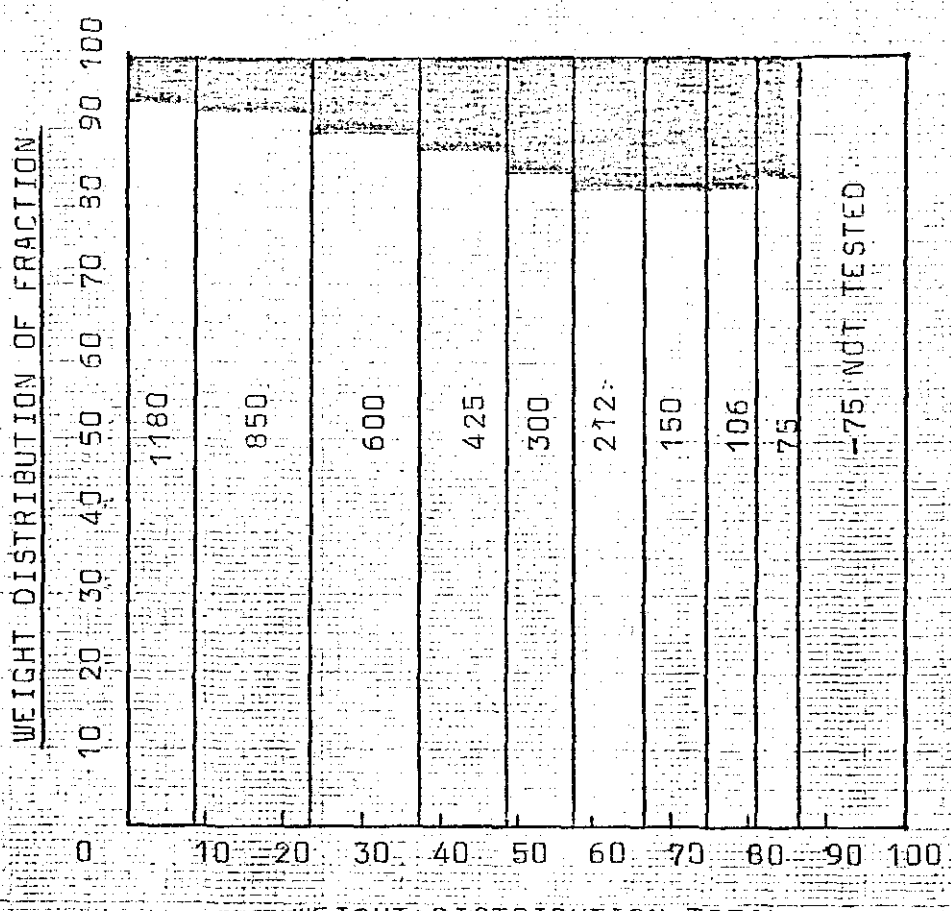
Specific Gravity	Component	Weight	%Weight	% Tin	Distribution
<2.96	Floats	592.69	85.39	0.02	6.93
2.96 - 3.30	Middlings	12.88	1.85	0.98	7.35
>3.30	Sinks	6.74	0.97	19.84	78.04
Fines	Fines	81.78	11.79	0.16	7.68
Total	Head	694.09	100.00	0.24	100.00

Table 8: Sink Deportment at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	0.47	38.6	85.87	0.21	183.8
+ 600	0.72	29.1	91.34	0.23	126.5
+ 300	1.72	15.1	96.35	0.27	55.9
+ 150	1.62	15.4	92.69	0.27	57.0
+ 75	1.40	12.2	81.24	0.38	32.1
TOTAL + 75	1.10	19.8	91.69	0.24	82.5

BT...64

104112



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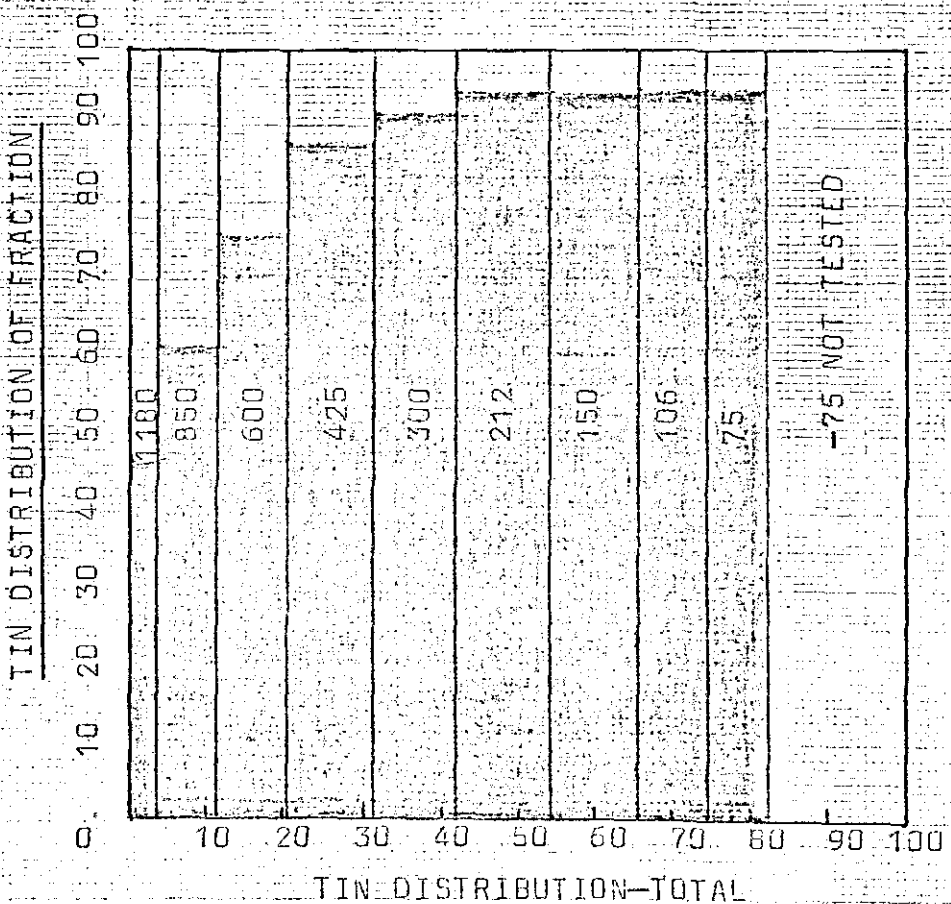
2.96



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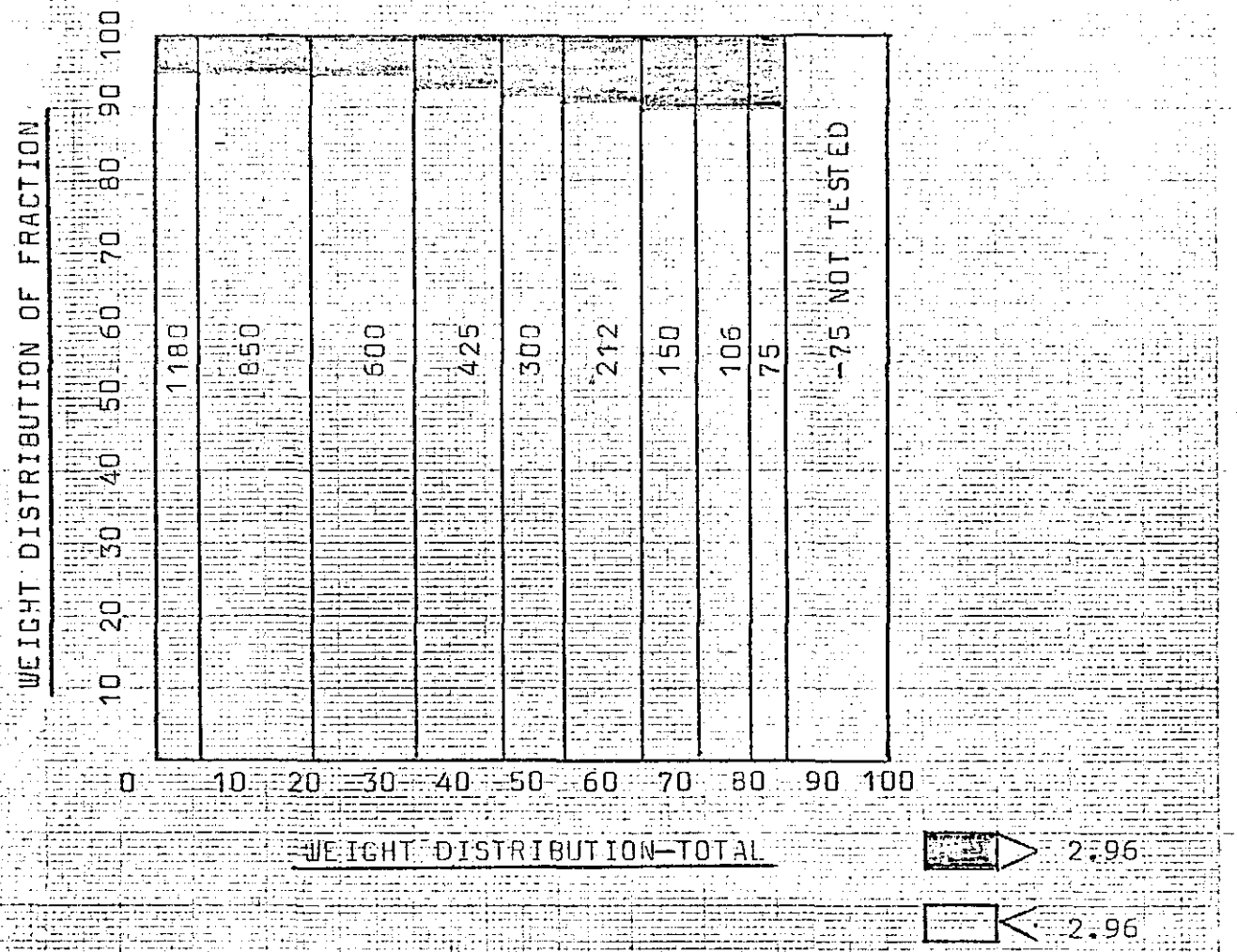
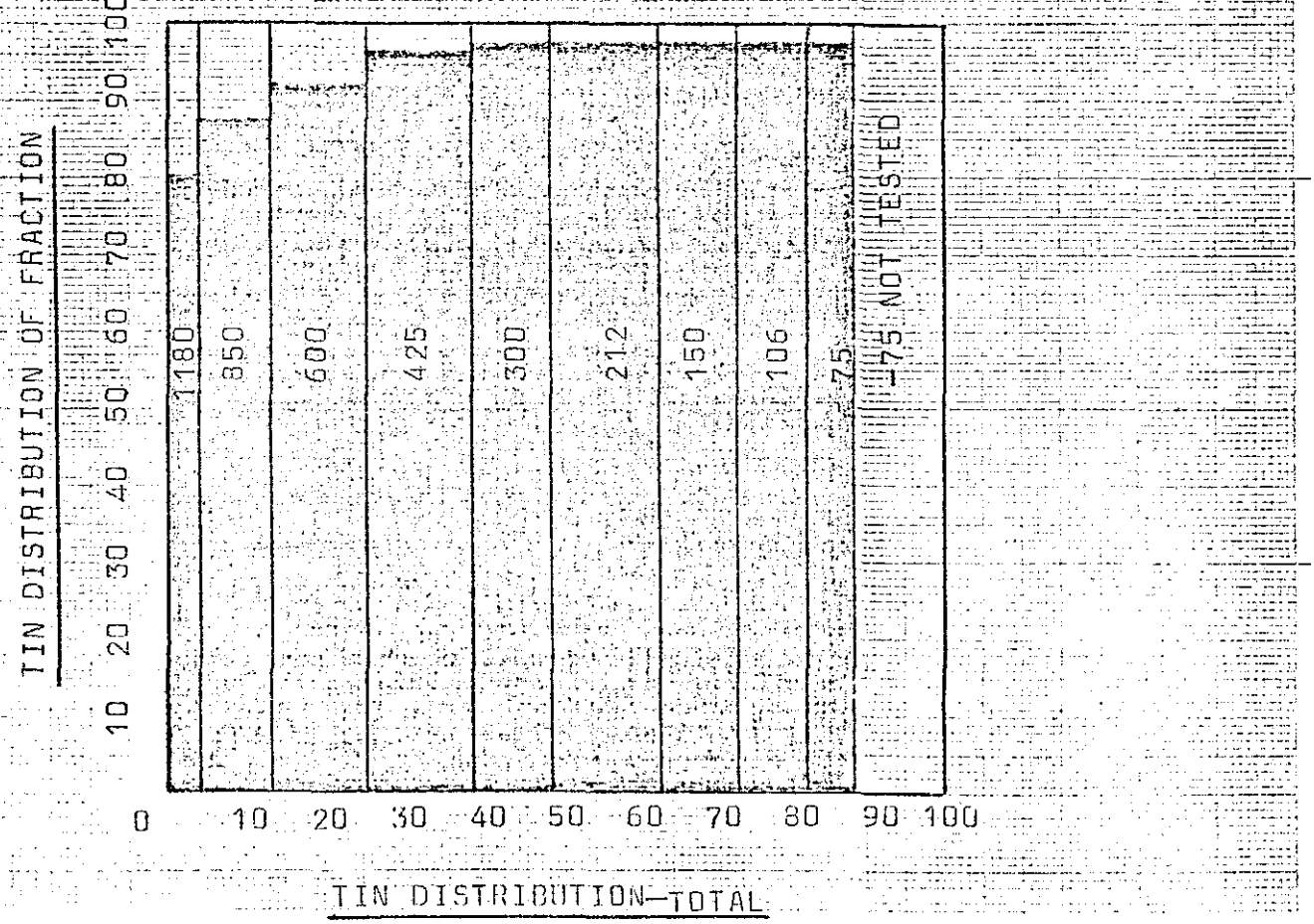
BT. 697/65

104113





BT...66

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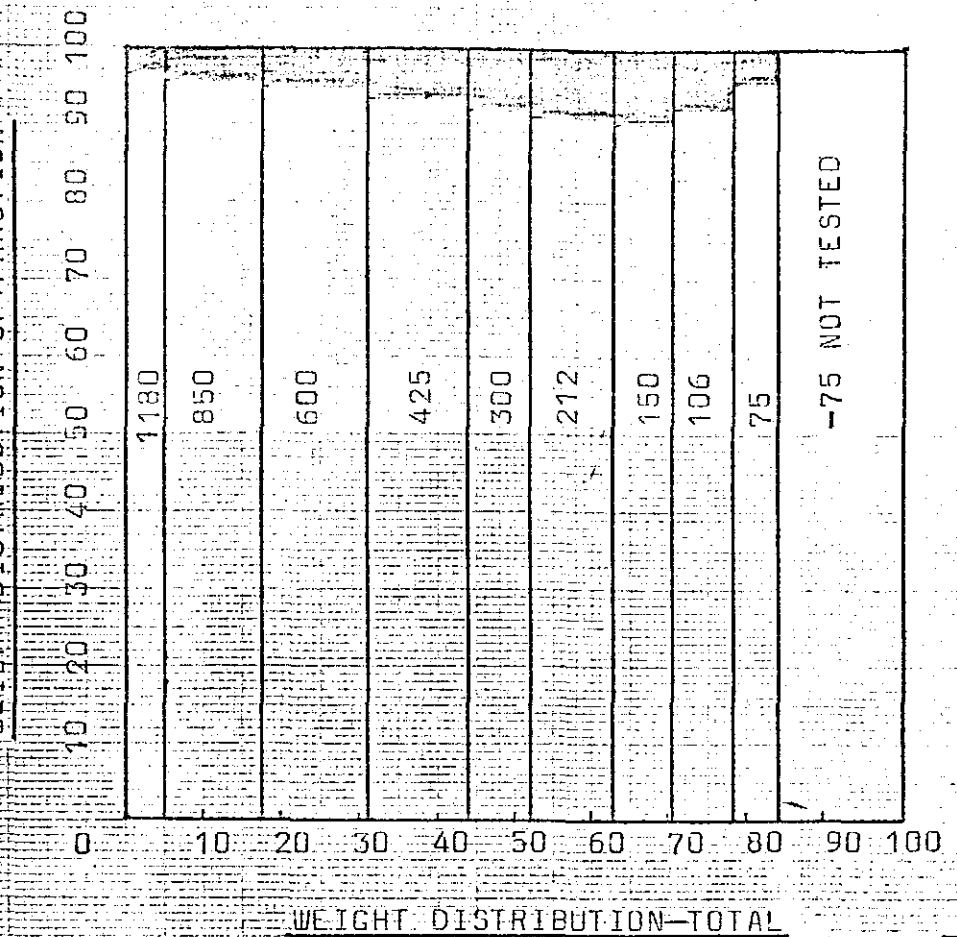

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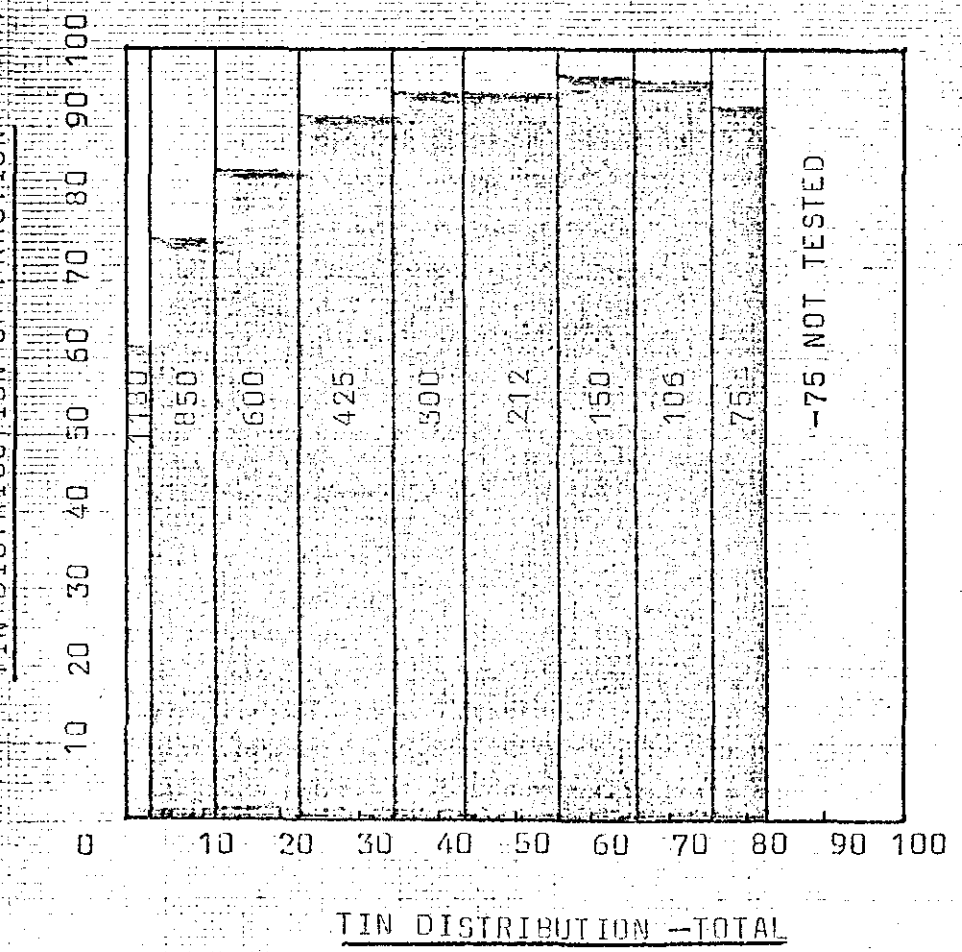
<2.96



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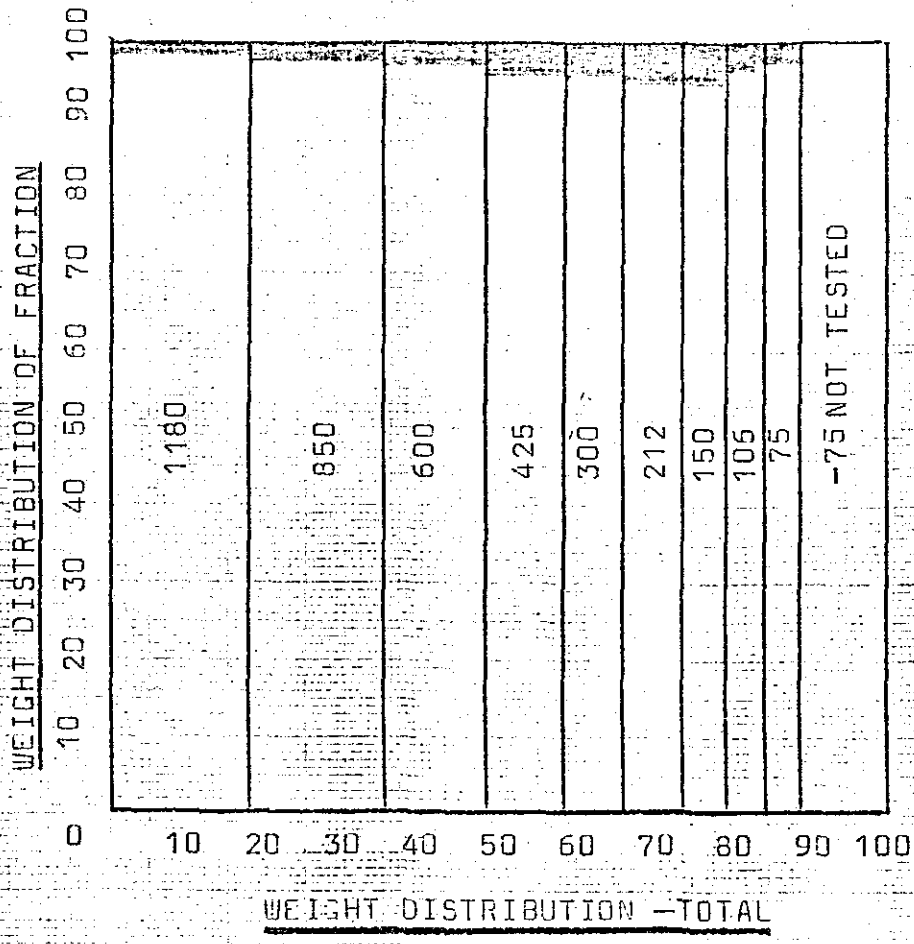
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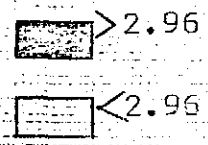
0
10
20
30
40
50
60
70
80
90
100
1180
850
600
425
300
212
150
106
75
-75 NOT TESTED
WEIGHT DISTRIBUTION -TOTAL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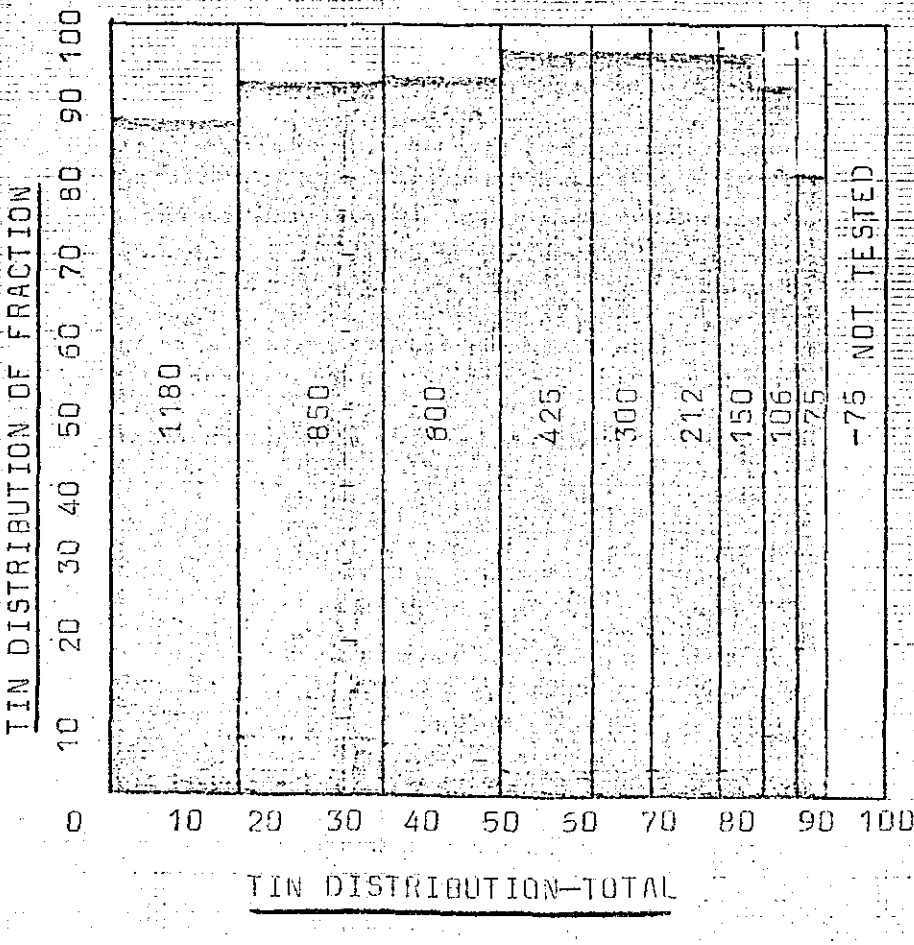
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0
10
20
30
40
50
60
70
80
90
100
1180
850
600
425
300
212
150
106
75
-75 NOT TESTED
TIN DISTRIBUTION-TOTAL

660

100

104116

APPENDIX V

Soil Geochemical Assay Results

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LOTTAH GRID — BLUE TIER AREA

104117

SOIL GEOCHEMISTRY RESULTS.

Al-36 (ppm., except * ppb.

Al-36	Sn	Cu	Pb	Zn	Hg*	Al-36	Sn	Cu	Pb	Zn	Hg*		Sn	Cu	PB	Zn	Hg*
A1 00	115	15	40	30	.77	31 00	15	10	50	30	.145						
2 50	35	15	30	30	.115	32 50	40	15	50	30	.135						
3 00	60	15	40	25	.145	33 00	15	10	40	30	.120						
4 50	115	15	30	25	.68	34 50	45	15	50	30	.105						
5 00	45	15	40	35	.115	35 00	20	10	50	30	.130						
6 50	30	35	60	35	.110	36 50	35	10	40	35	.115						
7 00	80	20	30	30	.59												
8 50	50	25	40	25	.86												
9 00	40	20	40	20	.77												
1050	50	15	50	25	.60												
11 00	40	30	40	20	.95												
12 50	90	25	40	20	.86												
13 00	115	20	40	25	.95												
14 50	50	15	40	20	.59												
15 00	25	20	50	20	.99												
16 50	65	20	50	20	.110												
17 00	40	15	50	25	.95												
18 50	45	20	50	35	.95												
19 00	30	20	50	20	.90												
20 50	20	25	50	25	.86												
21 00	35	15	50	20	.105												
22 50	45	15	40	20	.86												
23 00	25	20	50	35	.115												
24 50	65	20	30	25	.105												
25 00	55	25	40	30	.110												
26 50	25	25	40	40	.135												
27 00	50	20	40	30	.120												
28 50	35	15	80	45	.125												
29 00	20	15	50	45	.180												
30 50	40	25	40	40	.180												

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RENISON LIMITED.

LOTTAH GRID — BLUE TIER AREA 104118

SOIL GEOCHEMISTRY RESULTS. LINES 42N 45N (p.p.m., except * p.p.b.

42N EAST	Sn	Cu	Pb	Zn	*Hg	42N EAST	Sn	Cu	Pb	Zn	*Hg	42N WEST	Sn	Cu	PB	Zn	*Hg
00	60	15	40	25	110	1500	40	20	30	45	54	900	35	25	50	10	135
50	50	5	50	15	105	1550	55	35	40	45		950	35	30	60	20	210
100	15	5	60	20	105	1600	55	40	40	45	51	1000	35	25	50	20	190
150	25	5	30	10	53	1650	55	55	40	35		1050	35	15	30	20	150
200	10	10	60	15	74	1700	30	35	40	30	81	1100	30	25	20	20	140
250	15	10	40	15		1750	40	25	40	25		1150	30	20	20	25	180
300	25	5	30	15	100	1800	45	20	50	25	100	1200	35	25	40	70	155
350	25	10	20	25		1850	40	25	40	25		1250	30	35	40	40	155
400	40	10	40	40	100	1900	50	15	40	25	105	1300	35	40	60	85	165
450	25	10	50	20		1950	70	20	40	20		1350	35	60	60	45	205
500	20	10	30	15	62	2000	85	20	40	40	81	1400	25	80	60	25	150
550	25	10	30	15		2050	90	10	40	30		1450	25	30	50	20	96
600	20	10	30	15	68	42N WEST						1500	25	20	70	15	155
650	30	10	50	20		50	30	45	40	75	93	1550	35	25	50	10	140
700	35	15	40	25	100	100	30	25	40	25	175	1600	20	15	60	10	180
750	40	20	40	35	99	150	15	15	60	30	130	1650	30	20	50	10	160
800	35	30	40	30	140	200	15	10	50	30	90	1700	15	20	40	40	110
850	45	35	40	30	145	250	15	15	30	15	145	1750	5	15	40	20	170
900	45	30	40	30	155	300	25	20	30	30	130	1800	5	15	40	20	180
950	60	20	40	25	125	350	25	15	30	20	135	1850	25	15	40	10	155
1000	35	15	40	25	155	400	20	15	50	25	135	1900	55	35	40	25	180
1050	50	15	50	30	150	450	15	20	50	20	175	45N EAST					
1100	55	15	40	30	115	500	15	20	40	20	115	00	30	20	40	40	78
1150	70	20	40	25	145	550	5	10	50	20	155	50	585	40	20	50	
1200	50	20	40	35	99	600	30	10	50	15	75	100	35	10	30	25	93
1250	50	35	40	30		650	15	15	40	20	175	150	30	5	30	20	
1300	60	15	40	25	90	700	10	20	50	25	135	200	40	5	40	25	60
1350	50	15	40	20		750	25	20	40	25	145	250	25	10	30	25	
1400	65	15	40	15	51	800	15	15	50	15	145	300	15	25	30	25	73
1450	45	10	30	15		850	20	15	60	30	195	350	45	10	30	20	

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LOTTAH GRID — BLUE TIER AREA

104119

SOIL GEOCHEMISTRY RESULTS. LINES 45N 48N (ppm., except * ppb.

45N EAST	Sn	Cu	Pb	Zn	*Hg	45N EAST	Sn	Cu	Pb	Zn	*Hg	45N WEST	Sn	Cu	PB	Zn	*Hg
400	40	10	20	20	48	1900	40	40	50	20	72	1200	20	10	30	15	82
450	35	10	30	25		1950	50	30	30	20		1250	10	10	30	15	
500	40	10	30	20	72	2000	45	25	30	20	58	1300	25	10	30	15	70
550	35	15	30	25		2050	30	15	30	15		1350	30	10	30	15	
600	25	15	30	15	82	2100	30	20	40	25	96	1400	45	10	30	15	89
650	30	10	30	25								1450	35	15	30	15	
700	25	15	40	20	58	45N WEST						1500	25	10	30	10	46
750	30	10	50	15		50	35	20	40	30	160	1550	30	5	20	5	100
800	15	10	50	10	82	100	45	30	50	40	180	1600	55	30	40	15	125
850	30	25	40	15		150	40	25	40	35	110	1650	45	25	80	20	98
900	35	35	30	15	60	200	45	40	40	45	120	1700	55	15	50	25	100
950	55	30	50	10		250	55	45	40	35	95	1750	45	25	50	20	125
1000	25	35	40	10	79	300	55	45	40	60	125	1800	40	15	50	20	110
1050	35	35	40	40		350	30	20	40	40	95	1850	50	15	50	20	120
1100	35	40	40	25	94	400	45	15	40	20	65	1900	35	10	50	20	78
1150	40	20	40	25	98	450	50	75	40	55		1950	40	10	40	25	67
1200	30	35	40	20	125	500	20	15	30	40	58	2000	30	15	30	20	88
1250					120	550	35	10	30	45		2050	45	10	40	10	92
1300	45	25	30	10	105	600	35	5	40	35	55	2100	20	15	50	10	115
1350	45	15	30	10	105	650	45	10	40	25		2150	60	10	50	20	90
1400	45	25	40	20	82	700	20	15	40	20	84						
1450	55	25	50	20		750	30	15	40	15		48N EAST					
1500	55	25	40	20	86	800	45	30	40	25	110	00	160	15	20	35	86
1550	50	40	40	25		850	25	25	30	20		50	60	5	50	25	97
1600	40	50	40	20	63	900	25	15	50	15	53	100	60	10	50	15	100
1650	30	45	40	15		950	30	15	40	15		150	80	10	30	15	59
1700	35	30	40	10	46	1000	15	15	30	20	79	200	50	10	50	25	125
1750	45	45	50	15		1050	40	15	30	20		250	75	10	30	25	100
1800	50	35	50	20	70	1100	25	10	30	20	84	300	95	20	30	30	155
1850	40	45	50	20		1150	10	10	30	20		350	115	5	10	20	89

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KENISON LIMITED

LOTTAH GRID — BLUE TIER AREA

104120

SOIL GEOCHEMISTRY RESULTS. LINES 48N 51N (p.p.m., except * p.p.b.

48N EAST	Sn	Cu	Pb	Zn	Hg*	48N WEST	Sn	Cu	Pb	Zn	Hg*	48N WEST	Sn	Cu	PB	Zn	Hg*
400	45	10	40	20	95	200	160	10	40	45	24	1700	35	10	30	15	86
450	35	10	40	30	84	250	85	5	40	30	57	1750	45	10	30	20	
500	40	10	40	35	78	300	90	5	40	30	92	1800	30	10	30	15	86
550	50	10	40	25		350	90	5	30	25	86	1850	40	15	30	25	68
600	45	10	40	20	75	400	100	5	40	20	81	1900	30	25	30	35	125
650	35	15	40	20		450	95	10	30	30	59	1950	40	20	30	45	125
700	50	10	30	20	68	500	790	5	30	25	41	2000	25	20	30	25	100
750	40	10	40	25		550	2650	5	20	30	54	2050	20	15	30	30	81
800	45	10	30	20	40	600	160	15	30	30	91	2100	20	20	30	50	140
850	50	20	40	20		650	150	20	30	20	105	2150	20	50	30	65	160
900	45	15	40	20	62	700	110	15	30	20	120	2200	15	50	30	65	115
950	30	15	30	25		750	105	25	50	30	95	2250	35	30	30	35	105
1000	30	10	30	15	68	800	230	20	40	30	70	2300	40	30	30	35	135
1050	20	15	30	20		850	65	10	20	10	70	2350	55	35	30	35	120
1100	20	15	40	10	68	900	85	10	20	25	39	2400	40	30	20	20	140
1150	35	20	30	10		950	70	10	20	5	99	2450	35	30	30	30	76
1200	30	55	40	15	100	1000	65	15	40	20	94	2500	30	25	20	30	120
1250	30	60	30	15		1050	45	20	50	25	90	2550	50	20	30	25	140
1300	15	20	20	10	68	1100	45	15	50	15	115						
1350	15	20	30	15		1150	45	20	40	15		51N EAST					
1400	10	15	30	30	81	1200	55	15	40	15	93	00	110	10	30	20	74
1450	30	25	30	30		1250	45	15	40	15		50	75	10	40	25	160
1500	15	30	30	5	99	1300	55	10	40	10	59	100		10	50	20	115
1550	20	20	30	15		1350	65	10	40	15		150	130	25	30	10	31
1600	25	20	30	15	70	1400	65	10	50	10	68	200	85	5	30	15	50
1650	20	20	40	20		1450	55	10	60	15		250	100	10	30	15	96
48N WEST						1500	30	10	40	15	70	300	80	15	30	30	180
50	850	10	30	40	49	1550	70	15	40	15		350	40	5	30	15	105
100	210	15	30	40	89	1600	20	10	30	15	57	400	40	10	40	25	79
150	280	30	30	40	59	1650	35	20	30	25		450	45	10	30	15	82

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LOTTAH GRID — BLUE TIER AREA 104121

SOIL GEOCHEMISTRY RESULTS. LINES 5IN 54N (ppm., except * ppb)

5IN EAST	Sn	Cu	Pb	Zn	Hg*	5IN WEST	Sn	Cu	Pb	Zn	Hg*	5IN WEST	Sn	Cu	PB	Zn	Hg*
500	35	10	20	15	53	800	35	25	60	10	52	2300	25	20	40	35	120
550	40	5	20	15		850	70	45	60	15	55	2350	25	15	40	25	135
600	30	10	20	30	51	900	45	50	50	15	57	2400	30	15	40	30	60
650	30	5	20	10		950	105	65	40	25	140	2450	35	20	30	25	82
700	20	10	30	10	29	1000	85	90	40	25	130	2500	30	15	30	15	77
750	25	5	30	10		1050	115	50	40	25	165	2550	45	20	30	25	79
800	30	20	30	35	77	1100	115	40	50	20	89						
850	30	10	40	25		1150	90	30	40	20		54N EAST					
900	25	15	40	20	42	1200	50	30	30	25	125	00	45	5	40	20	125
950	20	15	50	25		1250	45	30	40	20		50	25	10	30	25	90
1000	35	20	40	30	79	1300	40	25	50	10	79	100	40	10	40	25	54
1050	30	15	50	20		1350	45	15	50	10		150	35	10	50	40	50
1100	30	15	50	40	84	1400	50	20	50	10	65	200	45	15	30	20	125
5IN WEST						1450	85	20	40	15		250	45	15	30	15	175
00	50	25	30	30	175	1500	45	15	40	15	79	300	25	10	30	10	90
50	55	35	50	60	120	1550	50	15	30	30		350	35	20	40	25	135
100	150	45	60	35	120	1600	50	10	40	30	62	400	30	10	30	10	110
150	125	30	90	35	135	1650	50	15	30	10		450	10	10	20	10	54
200	50	20	40	40	140	1700	55	15	30	20	65	500	25	5	30	15	54
250	45	10	30	30	98	1750	45	10	20	10		550	45	5	30	15	
300	25	25	70	60	150	1800	50	25	30	50	19	600	45	5	30	25	62
350	70	20	60	35	175	1850	45	10	30	20		650	35	5	30	30	
400	20	15	50	35	130	1900	55	25	40	35	55	700	25	5	20	5	73
450	20	10	40	25	110	1950	50	20	30	15	82	750	35	25	20	20	89
500	40	15	40	25	105	2000	40	30	40	30	86	800	45	45	30	5	145
550	45	10	50	40	105	2050	40	45	40	25	130	850	45	15	30	5	
600	50	10	40	20	91	2100	25	60	40	25	115	900	45	5	30	10	70
650	45	10	30	25	96	2150	30	70	50	35	105	950	35	20	20	15	
700	80	30	30	20	110	2200	15	55	50	31	115	1000	50	15	20	10	89
750	40	35	60	20	76	2250	15	35	40	35	135	1050	30	10	30	15	

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DENISON LIMITED

LOTTAH GRID — BLUE TIER AREA

104122

SOIL GEOCHEMISTRY RESULTS. LINES 54N 57N (p.p.m., except * p.p.b.

54N EAST	Sn	Cu	Pb	Zn	*Hg	54N WEST	Sn	Cu	Pb	Zn	*Hg	54N WEST	Sn	Cu	PB	Zn	*Hg
11 00	20	10	30	15	68	12 00	155	5	10	15	105	27 00	5	10	30	35	92
11 50	10	25	20	15		12 50	210	5	10	10	41	27 50	15	5	30	25	
12 00	5	75	20	45	46	13 00	280	5	20	15	37						
12 50	25	10	10	15		13 50	160	5	10	20		57N EAST					
13 00	30	10	20	20	64	14 00	120	5	10	25	62	00	35	40	30	35	67
13 50	35	5	30	20		14 50	120	5	20	15		50	40	45	30	35	62
14 00	25	5	30	15	51	15 00	175	5	10	15	51	100	50	35	10	30	92
14 50	60	10	40	30		15 50	135	5	20	40		150	40	20	30	35	85
						16 00	155	5	20	30	51	2 00	30	20	20	40	76
54N WEST						16 50	70	10	40	35		2 50	35	15	10	35	81
2 00	80	20	50	45	175	17 00	105	10	20	20	69	3 00	40	15	20	30	76
2 50	80	10	40	40	175	17 50	115	10	20	25		3 50	30	20	10	20	70
3 00	40	15	40	25	130	18 00	200	10	20	25	21	4 00	90	35	10	30	83
3 50	15	10	40	15	130	18 50	160	10	10	15		4 50	45	20	20	35	145
4 00	55	30	40	25	160	19 00	140	10	10	25	53	5 00	40	15	20	35	140
4 50	40	20	50	25	160	19 50	270	5	10	15		5 50	50	45	20	40	140
5 00	45	15	40	35	175	20 00	125	5	10	15	71	6 00	25	45	30	60	96
5 50	45	15	40	25	185	20 50	195	5	<10	10		6 50	50	35	30	50	130
6 00	50	15	40	35	195	21 00	170	5	<10	10	16	7 00	30	30	20	45	99
6 50	40	15	40	30	180	21 50	30	10	40	20		7 50	40	30	20	30	140
7 00	30	20	30	10	120	22 00	20	5	40	15	53	8 00	25	15	30	15	200
7 50	55	5	40	20	155	22 50	30	5	30	20		8 50	35	10	20	10	37
8 00	45	10	40	20	140	23 00	5	5	30	25	62	9 00	75	15	40	15	74
8 50	35	5	30	15	105	23 50	30	10	30	25		9 50	30	20	20	5	47
9 00	55	5	30	25	58	24 00	45	5	10	15	41	10 00	35	25	30	15	62
9 50	145	45	10	10	30	24 50	5	10	30	30		10 50	50	15	30	10	56
10 00	180	5	10	5	25	25 00	25	20	40	55	92	11 00	40	15	40	25	71
10 50	105	20	20	25	66	25 50	20	10	40	40		11 50	35	10	30	15	69
11 00	120	10	10	15	40	26 00	10	10	40	30	94	12 00	40	15	50	25	99
11 50	140	10	10	25	130	26 50	15	10	40	35		12 50	15	10	30	20	85

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RENISON LIMITED

LOTTAH GRID — BLUE TIER AREA

104123

SOIL GEOCHEMISTRY RESULTS. LINES 57N 60N (p.p.m., except *p.p.b.)

57N EAST	Sn	Cu	Pb	Zn	Hg*	57N WEST	Sn	Cu	Pb	Zn	Hg*	57N WEST	Sn	Cu	PB	Zn	Hg*
1300	30	10	50	25	85	1100	5	5	20	20	60	2600	370	<5	<10	30	87
1350	35	15	40	15	105	1150	30	5	30	55	70	2650	205	5	10	35	72
1400	20	5	40	20	49	1200	45	5	20	20	55	2700	250	5	10	30	125
1450	10	10	40	10	49	1250	55	5	20	10	62	2750	270	5	20	30	120
1500	10	10	40	15	75	1300	<5	5	50	20	105	2800	330	5	10	35	120
1550	20	10	40	25	78	1350	220	<5	20	15	45	2850	385	5	10	5	30
1600	25	10	40	25	70	1400	70	5	30	20	230	2900	495	5	<10	10	15
						1450	115	5	20	20	86	2950	305	5	<10	10	21
57N WEST						1500	275	5	10	40	27	3000	880	5	80	15	140
50	110	35	20	25	73	1550	240	5	10	20	64	3050	65	5	10	15	36
100	50	50	30	25	85	1600	220	<5	10	15	23	3100	20	5	30	25	110
150	55	35	20	20	105	1650	220	<5	10	15	15	3150	20	5	20	15	45
200	55	30	10	15	130	1700	155	5	10	40	130						
250	90	30	20	35	140	1750	215	5	10	20	105	60N EAST					
300	55	25	20	50	135	1800	260	5	10	15	57	00	55	25	50	85	160
350	70	10	20	90	83	1850	460	<5	<10	10	30	50	50	15	50	40	110
400	55	20	30	45	130	1900	260	<5	10	10	21	100	25	10	40	25	87
450	45	30	30	20	93	1950	300	<5	10	15	30	150	30	20	40	50	90
500	60	35	30	25	135	2000	180	5	20	25	33	200	20	15	40	35	81
550	35	35	40	40	180	2050	105	5	10	15	90	250	40	10	30	30	99
600	55	20	30	25	185	2100	180	5	10	10	36	300	50	10	40	20	78
650	40	20	30	10	175	2150	160	5	10	10	24	350	50	10	50	40	81
700	55	30	30	5	120	2200	170	<5	10	5	30	400	35	20	40	30	78
750	45	15	30	15	90	2250	400	<5	<10	10	27	450	30	20	40	20	125
800	35	10	30	15	125	2300	140	5	20	25	140	500	35	20	40	20	120
850	35	5	20	30	120	2350	170	5	10	20	42	550	20	10	50	30	
900	30	5	<10	10	67	2400	140	<5	10	20	21	600	15	35	40	60	90
950	120	10	20	15	120	2450	165	5	10	25	27	650	40	10	50	45	
1000	50	5	20	30	100	2500	225	5	10	35	33	700	30	10	50	40	58
1050	30	5	30	25	73	2550	200	<5	10	20	12	750	35	5	40	20	

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LOTTAH GRID — BLUE TIER AREA

104124

SOIL GEOCHEMISTRY RESULTS. LINES 60N 63N (p.p.m., except * p.p.b.)

60N EAST	Sn	Cu	Pb	Zn	*Hg	60N WEST	Sn	Cu	Pb	Zn	*Hg	60N WEST	Sn	Cu	Pb	Zn	*Hg
800	25	5	40	20	55	1000	395	10	10	15	14	2500	950	5	<10	10	73
850	40	5	30	20		1050	520	10	10	15	17	2550	290	5	20	25	
900	30	5	40	35	76	1100	285	10	20	20	87	2600	400	5	10	10	45
950	30	5	50	35		1150	315	5	10	25	35	2650	580	5	10	20	
1000	40	5	40	30	79	1200	570	5	10	10	26	2700	350	5	10	25	30
1050	25	5	50	25		1250	570	5	10	10	20	2750	250	5	10	50	
1100	25	10	50	25	88	1300	85	60	30	70	125						
1150	30	10	40	30		1350	445	5	<10	5	23	63N EAST					
1200	20	5	50	25	73	1400	450	5	<10	5	26	00	<5	15	40	30	120
60N WEST						1450	820	5	10	10	58	50	<5	15	30	20	160
00	75	30	20	35	185	1500	400	5	<10	5	32	100	5	15	40	25	125
50	60	45	30	25	160	1550	475	5	<10	5		150	5	10	50	35	53
100	35	35	30	25	135	1600	250	5	<10	5	45	200	10	5	40	15	105
150	80	30	20	60	94	1650	100	10	10	90		250	<5	5	50	20	59
200	50	35	20	50	150	1700	150	10	10	35	40	300	<5	5	40	15	86
250	35	25	40	35	135	1750	265	10	20	25		350	15	15	40	30	180
300	70	20	30	35	135	1800	310	5	<10	20	38	400	<5	10	40	15	205
350	35	25	40	35	160	1850	700	5	<10	15		450	15	5	30	20	66
400	40	15	40	60	150	1900	450	5	<10	10	40	500	10	5	50	30	70
450	50	15	30	35	115	1950	390	5	<10	10		550	30	5	20	10	95
500	45	5	20	15	84	2000	310	5	<10	15	75	600	10	10	40	45	67
550	70	10	30	35	120	2050	190	5	<10	10		650	10	20	40	25	39
600	60	10	20	35	92	2100	135	5	<10	5	23	700	35	10	40	20	56
650	10	5	20	35	31	2150	320	5	<10	10		750	<5	10	40	15	74
700	45	5	30	15	73	2200	610	5	<10	5	13	800	<5	10	50	20	84
750	160	5	10	15	34	2250	220	5	<10	20		850	<5	5	30	20	63
800	45	15	20	45	50	2300	430	5	10	10	28	900	5	5	40	30	85
850	40	10	30	30	42	2350	175	5	10	15		950	5	10	50	30	120
900	205	10	20	25	48	2400	230	5	<10	20	23	1000	5	5	20	20	52
950	170	10	20	25	100	2450	360	5	<10	15		1050	15	5	30	15	72

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LOTTAH GRID — BLUE TIER AREA

104125

SOIL GEOCHEMISTRY RESULTS. LINES 63N 66N (ppm., except * ppb.

63N EAST.	Sn	Cu	Pb	Zn	Hg*	63N WEST	Sn	Cu	Pb	Zn	Hg*	63N WEST	Sn	Cu	PB	Zn	Hg*
1100	20	10	30	20	91	1100	60	25	40	40	110	2600	410	<5	<10	5	43
1150	20	15	30	25	100	1150	35	60	40	85	62	2650	280	<5	<10	10	
1200	35	45	20	70	120	1200	110	25	40	45	150	2700	120	<5	<10	15	10
1250	15	10	30	35	105	1250	55	40	60	160	91	2750	240	<5	<10	10	
1300	15	10	30	25	120	1300	15	20	40	75	99	2800	280	<5	<10	20	26
1350	15	15	30	30	71	1350	25	15	30	50	73	2850	230	<5	<10	10	
1400	5	5	30	35	78	1400	55	10	20	40	49	2900	220	<5	<10	10	41
						1450	25	10	30	55	32	2950	310	<5	<10	10	20
63N WEST						1500	20	15	20	100	44	3000	200	<5	<10	10	24
50	25	20	50	35	125	1550	40	5	20	40		3050	480	10	20	25	62
100	20	15	40	45	85	1600	125	15	20	80	55	3100	560	10	10	20	280
150	25	5	30	25	140	1650	65	25	20	60	43	3150	280	<5	<10	10	18
200	30	15	40	35	94	1700	260	10	10	30	105	3200	200	10	<10	125	130
250	30	40	40	30	105	1750	260	5	20	35	155	3250	145	<5	<10	15	33
300	30	10	20	25	110	1800	165	5	10	35	85	3300	220	<5	<10	20	19
350	60	15	30	25	115	1850	135	5	20	20		3350	15	<5	20	10	110
400	40	15	20	20	115	1900	360	5	<10	20	28						
450	50	25	20	30	120	1950	350	10	20	30		66N EAST					
500	25	25	30	35	170	2000	280	15	10	20	23	00		20	30	35	180
550	45	35	30	40	135	2050	105	5	30	35	115	50	25	15	30	25	145
600	60	30	30	45	230	2100	85	10	20	20	39	100	45	15	30	35	150
650	65	30	30	40	165	2150	25	10	50	45	115	150	10	15	30	35	145
700	65	25	30	40	180	2200	30	10	40	35	135	200	15	10	30	25	130
750	50	40	30	70	155	2250	20	15	40	30	78	250	30	5	20	15	105
800	75	25	30	40	175	2300	45	15	30	25	67	300	20	5	30	20	85
850	40	25	30	35	160	2350	40	15	30	25		350	20	5	20	25	80
900	35	20	30	45	180	2400	390	<5	<10	<5	60	400	15	5	40	30	60
950	55	20	30	50	200	2450	410	<5	<10	5		450	5	10	40	35	91
1000	50	20	30	50	150	2500	330	<5	<10	10	29	500	<5	10	40	20	170
1050	55	20	30	55	180	2550	300	<5	<10	5		550	15	10	40	35	110

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LOTTAH GRID — BLUE TIER AREA

104126

SOIL GEOCHEMISTRY RESULTS. LINES 66N 22E (ppm., except * ppb)

66N EAST	Sn	Cu	Pb	Zn	Hg*	66N WEST	Sn	Cu	Pb	Zn	Hg*	66N WEST	Sn	Cu	PB	Zn	Hg*
600	25	5	60	25	78	300	20	20	20	35	150	1800	230	15	30	100	195
650	20	15	30	20	135	350	20	25	20	15	53	1850	380	25	70	180	36
700	20	15	30	30	125	400	45	25	20	25	51	1900	175	5	10	25	31
750	10	15	80	20	125	450	200	5	10	20	65	1950	20	10	40	40	120
800	<5	10	30	10	135	500	60	10	20	25	135	2000	75	5	20	20	155
850	10	15	30	30	120	550	35	55	30	45	95	2050	165	5	20	15	93
900	15	15	30	35	120	600	185	25	20	75	87	2100	90	5	20	15	53
950	20	15	30	30	115	650	120	275	20	35	62	2150	55	10	30	40	160
1000	25	20	40	15	145	700	30	35	20	70	215	2200	25	15	50	45	210
1050	<5	25	40	20	120	750	10	5	30	35	100	2250	25	20	30	45	200
1100	15	25	30	25	94	800	<5	5	30	50	105	2300	20	15	30	40	185
1150	20	15	20	20	145	850	<5	5	20	30	93	2350	20	15	40	45	135
1200	5	30	20	30	110	900	20	15	30	25	64	2400	10	10	30	30	130
1250	20	30	20	35	125	950	<5	5	40	20	84	2450	10	10	30	40	81
1300	10	5	20	35	92	1000	5	10	40	15	78						
1350	35	10	30	25	83	1050	5	5	20	25	130	22E SOUTH.					
1400	20	10	30	45	170	1100	<5	10	20	30	155	00	60	10	50	75	150
1450	25	10	40	65	105	1150	45	15	30	100	185	50	60	15	60	70	
1500	35	15	30	45	165	1200	30	10	30	40	145	100	60	10	30	35	125
1550	45	20	20	30	94	1250	25	20	50	65	90	150	25	10	50	35	
1600	40	10	20	25	85	1300	30	20	30	45	120	200	70	15	30	20	67
1650	15	15	30	60	105	1350	65	50	40	60	130	250	50	15	20	10	
1700	20	20	20	35	125	1400	75	50	30	65	115	300	25	15	50	30	140
1750	20	15	40	35	110	1450	20	55	40	75	96	350	200	10	<10	10	
66N WEST						1500	220	5	20	10	12	400	40	15	20	15	155
50	25	15	30	25	110	1550	85	65	20	70	105	450	450	5	10	5	
100	<5	20	30	45	260	1600	105	15	20	35	55	500	270	5	10	5	35
150	30	10	20	25	245	1650	85	15	30	40	51	550	170	5	20	5	
200	20	10	20	40	175	1700	150	10	20	35	155	600	195	5	20	25	35
250	15	15	30	45	125	1750	200	5	20	25	87	650	200	5	10	15	

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RENISON LIMITED

LOTTAH GRID — BLUE TIER AREA

104127

SOIL GEOCHEMISTRY RESULTS. LINES 22E 67E (p.p.m., except * p.p.b.

22E SOUTH	SN	CU	PB	ZN	HG*	67E SOUTH	SN	CU	PB	ZN	HG*	67E SOUTH	SN	CU	PB	ZN	HG*
700	175	5	10	15	24	600	75	10	20	25	96	2100	50	10	20	20	65
750	20	5	30	25		650	35	10	40	20							
800	40	5	40	25	48	700	20	10	30	10	72						
850	25	5	40	25		750	35	15	40	20							
900	35	10	50	30	93	800	15	5	40	15	69						
950	30	10	50	30		850	<5	5	20	20							
1000	20	10	50	50	150	900	20	10	20	30	100						
1050	25	5	50	40		950	55	5	40	20							
1100	15	10	50	30	105	1000	25	10	30	20	70						
1150	15	10	50	25		1050											
1200	25	15	60	20	93	1100	30	10	30	10	67						
1250	20	15	50	20		1150	20	10	30	15							
1300	25	15	70	30	135	1200	25	30	50	75	105						
1350	40	20	60	35		1250	40	10	30	15							
1400	30	15	70	30	69	1300	35	10	30	10	50						
1450	20	15	60	40		1350	50	5	30	25							
						1400	25	5	30	25	51						
67E SOUTH						1450	20	10	30	25							
00	40	30	30	35	155	1500	25	15	30	20	97						
50	40	15	40	25		1550	25	15	40	10							
100	55	25	70	40	110	1600	35	20	40	15	51						
150	30	15	50	25		1650	45	20	50	10							
200	45	10	30	20	81	1700	20	20	40	20	70						
250	70	35	40	40		1750	30	15	30	15							
300	50	30	40	60	75	1800	25	25	40	20	83						
350	40	15	20	30		1850	35	35	30	30							
400	50	10	30	15	93	1900	55	15	30	20	57						
450	30	15	40	25		1950	50	15	30	20							
500	25	10	20	30	110	2000	40	15	30	20	83						
550	30	10	40	35		2050	50	10	20	20							

APPENDIX VI

Soil Sample Field Descriptions

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104129

Samples on tracks around mine. (1)

REMISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. GRID CODE Samples on tracks around Mine. (1) DATE OBS

STATION	SAMPLE NO.	DEPTH	DESCRIPTION	
A.1.		1'-1'9"	Black Brown Soil.	Medium Coarse
A.2.		1'6"-1'9"	Brown Soil.	" "
A.3.		1'-1'3"	Black Brown Soil.	Fine "
A.4.		2'3"-2'9"	Black Soil.	" "
A.5.		2'-2'6"	Brown Soil.	Med. "
A.6.		9"-1'0"	" "	" "
A.7.		9"-1'0"	Black Soil & slag chips.	" "
A.8.		1'3"-1'6"	Coarse Black brown Soil.	" "
A.9		1'-1'3"	" " "	" "
A.10.		1'3"-1'6"	Brown Soil.	Fine " "
A.11.		1'6"-1'9"	Black brown Soil.	Med "
A.12.		1'3"-1'6"	" " "	no sieve.
A.13.		1'-1'3"	" " " Coarse	Med
A.14.		1'-1'3"	Brown Soil.	no sieve.
A.15		1'6"-1'9"	" "	Med/Fine.
A.16.		1'-1'3"	Black Brown Soil.	Fine.
A.17		1'-1'3"	" " "	Fine & Med
A.18.		1'-1'3"	Brown Soil.	no sieve.
A.19.		1'6"-1'9"	" " & weathered frags.	no sieve.
A.20.		1'-1'3"	" "	" "
A.21		1'-1'3"	" "	" "
A.22.		9"-1'0"	" "	Fine
A.23.		9"-1'0"	" "	Fine & Med.
A.24.		1'3"-1'6"	" "	Qtz rich. " "
A.25.		1'3"-1'6"	" "	Fine & Med

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104130

Samples on tracks around Mine. (2)

Form No. 64/69 — RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier — GRID Samples on tracks around Mine. (2) — DATE — OBS

STATION	SAMPLE NO.	DEPTH	DESCRIPTION
A.26.		1'-1'3"	Brown Sat. Fine Granite
A.27.		1'3"-1'6"	" " "
A.28.		9"-1'0"	" " • weathered frags Med. "
A.29.		1'-1'3"	" " " "
A.30.		1'-1'3"	" " no scree.
A.31		9"-1'0"	" " Med.
A.32.		9"-1'0"	" " "
A.33.		1'-1'3"	" " Fine.
A.34.		9"-1'0"	" " Med.
A.35.		6"-9"	" " Med.
A.36.		6"-9"	" " Fine-Coarse.

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2200N Baseline to West.

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE 2200N Baseline DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1450S	Line 5100N Hits @ 4450E also @ 2550W.	1'3"-1'6"	Brown Soil. Med Granite.
1400S		1'6"-1'9"	Black " " " "
		1'-1'3"	" " " "
1300S		9"-1'0"	" " " "
		1'-1'3"	" " " "
1200S		9"-1'0"	" " " "
		9"-1'0"	" " " "
1100S		9"-1'0"	" " Medium to Coarse "
		9'-1'0"	Tan Brown Medium "
1000S		6"-9"	Brown Soil + weathered fragments. " "
		1'3"-1'6"	" " " " " "
900S		1'-1'3"	Black " " . OLD DIGGINGS. " " + Biotite.
		1'3"-1'6"	Khaki Tan Soil " " + Biotite.
800S		9'-1'0"	Tan Brown Coarse Clayey Soil. no scree.
		6"-9"	Beige Brown Sandy Soil. Sampled 15m west of Pegan Spur. no scree.
700S		1'-1'3"	Coarse Greyish muddy Soil. no scree.
		1'3"-1'6"	Black Grey Coarse Soil. Greyish Medium Granite
600S		9'-1'0"	Black Coarse soil + chips. Medium Granite.
	(Line 6000N Hits @ 525E edge @ 2780W.	1'-1'3"	Black brown soil. " "
500S		1'6"-1'9"	Coarse black soil + roots " "
		1'3"-1'6"	Black Coarse Mud + Wales " "
400S		1'3"-1'6"	Black Brown Soil (Iron rich?) " "
		1'3"-1'6"	Black Coarse Soil (excess Qtz) " "
300S		1'6"-1'9"	Black mud Soil + Roots. Fine/Medium "
	(Line 6300N Hits @ 250E edge @ 3400W	1'-1'3"	Black Soil. " + Biotite.
200S		9"-1'0"	Black Brown Soil + roots. Medium "
		1'-1'3"	Yellow Brown Soil. Fine to Medium "
100S		6"-9"	Khaki Soil (old workings in vicinity). Medium + Biotite.
		1'-1'3"	Yellow Brown Soil. " "
00S		1'-1'3"	Tan Brown Sandy Soil. Sampled on North side of Road. " "

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~~104132~~

Baseline 6200E.

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE Baseline 6200E DATE OBS

①

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
00S.	(1780E on line 6600N)	1'-1'3"	Brown Soil.	Medium Granite.
50S		1'-1'3"	" "	" "
100S		9"-1'0"	" "	" "
		1'-1'3"	" "	no Scree
200S		9"-1'0"	" "	Med Granite.
		9"-1'0"	" "	Fine & " "
300S		9"-1'0"	" "	" & " "
	Line 6300N Hits baseline @ 370S ends 1410E	9"-1'0"	" " & roots stopped.	no scree
400S		1'-1'3"	" "	" "
		9"-1'0"	" "	Med Granite.
500S		1'-1'3"	" "	" "
		1'-1'3"	" "	" "
600S		9"-1'0"	" "	" "
	line 6000N Hits @ 650S ends @ 1210E.	9"-1'0"	" "	Med/Fine Granite.
700S.		9"-1'0"	Tan brown Clayey Soil.	no scree.
		9"-1'0"	" " " "	" "
800S		9"-1'0"	Brown Soil.	Med Granite
		9"-1'0"	" "	" "
900S		9"-1'0"	Tan brown clayey Soil	no scree
		9"-1'0"	" " " "	" "
1000S		9"-1'0"	" " " "	" "
	not	Sampled	:-see 5700N 1600E.	
1100S		9"-1'0"	Brown Soil.	no scree.
		9"-1'0"	" "	"
1200S		9"-1'0"	" "	"
		9"-1'0"	Tan Brown Soil. in bank 7mm South of Peg.	" "
1300S		9"-1'0"	Brown Soil.	" "
	line 5400N Hits @ 1370S ends @ 1460E.	9"-1'0"	" "	Dolerite?
1400S		1'-1'3"	Black Brown Soil	Med/Fine "
1450S.		9"-1'0"	Red Brown Soil	Basalt?

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6700E Baseline

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6700E Baseline DATE OBS

(2)

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
1500S		9"-10"	Brown Silt	Med/Fine Clastic
		13"-16"	" "	Fine "
1600S		13"-16"	" "	" "
		1'-1'3"	" "	" "
1700S		13"-16"	" "	" "
		1'-1'3"	" "	" "
1800S		9"-10"	" "	" "
		1'-1'3"	" "	" "
1900S		1'-1'3"	" "	" "
		9"-10"	" "	" "
2000S		13"-16"	" "	" "
		1'-1'3"	" "	" "
2100S.		1'-1'3"	" " Sampled on top side of road to South.	" "

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104134

4200N
(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE Line 4200N DATE OBS

(1)

STATION	SAMPLE No.	DEPTH	DESCRIPTION
2050E		1'-1'6"	Brown Soil Some fine Mica. Fine Granite float.
2000E		1'-1'3"	" " " " " " " "
.		1'-1'3"	" - Black " " " " " "
1900E		1'3"-1'6"	" " " " " " " "
.		1'3"-1'6"	" " " " " " " "
1800E		1'-1'3"	" " " " " " " "
.		1'3"-1'6"	Black " " " " " "
1700E		1'3"-1'6"	" " (moist) " " " "
○		1'3"-1'6"	Brown " " " " " "
1600E		1'3"-1'6"	Black - Very little Mica. " " "
.		1'6"-1'9"	Brown Black - " " " " "
1500E		1'3"-1'6"	Black " " " " " "
.		1'3"-1'6"	" " " " " "
1400E		1'3"-1'6"	" " " " " "
.		1'3"-1'6"	" " " " " "
1300E		1'3"-1'6"	Brown " " " " " "
.		1'3"-1'6"	" " " " " "
○00E		1'-1'3"	" " " " " " + Greenish Yellow Frags
.		1'-1'3"	" " little fine Mica. " " "
1100E		1'-1'3"	" " Very little Mica. no sched float
.		1'-1'3"	" " " " " "
1000E		1'-1'3"	" " " " " "
.		1'-1'3"	Brown Tan Soil " " " "
900E		1'-1'3"	" " " " " " Fine Granite float
.		6"-9"	Brown Soil " "
800E		1'3"-1'6"	" " " "
.		9"-1'0"	" " " "
700E		9"-1'0"	Black " " " "
650E.		9"-1'0"	" " " " " "
600E		1'3"-1'6"	" " " " " "

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104135

4200 N
(3)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA _____ TRAVERSE Line 4200 N (3) DATE _____ OBS _____

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
950W		1'-1'3"	Brown Soil.	no scree
1000W		9"-1'0"	" "	Fine/Medium Granite
		9"-1'0"	" "	Fine "
1100W		9"-1'0"	" "	" "
		1'-1'3"	" "	" "
1200W		9"-1'0"	" "	" "
		9"-1'0"	" " & chips.	" "
1300W		1'-1'3"	" Black "	" "
		1'-1'3"	" " "	" "
1400W		1'3"-1'6"	" " "	" "
		1'-1'3"	Black soil & chips & roots	" "
1500W		1'3"-1'6"	Brown Black soil & chips	" "
		1'-1'3"	" " " & "	" "
1600W		1'-1'3"	" " " & "	" "
		6"-9"	Brown Sandy soil.	no scree
1700W		1'3"-1'6"	" Soil.	no scree
		9"-1'0"	" "	no scree.
1800W		1'3"-1'6"	" Black "	+ Biotite. fine Granite
		9"-1'0"	" " " & roots	" "
TRACK @ 1830E. 1900W		1'-1'3"	Brown Black Soil. Sampled 15m West of track.	fine Granite.

104136

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4200N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA TRAVERSE Line 4200N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
550E		9"-1'0"	Black ~~Silt~~ Brown Soil fine Granite.
500E		13"-16"	" " " " "
		9"-1'0"	" " " " "
400E		9"-1'0"	Brown soil + dolerite? float.
		9"-1'0"	" " fine Granite.
300E		1'-1'3"	" Black " " "
		9"-1'3"	" " " " "
200E		13"-16"	" " " " "
		13"-16"	" " " + roots " "
100E		13"-16"	" " " " "
		13"-16"	Brown Soil Sampled 20m East of Peg at base of slope. Medium Sand.
00		1'-1'3"	Brown Soil (old ploughed Paddock) " "
		9"-1'0"	Brown Soil old Pasture no sand
100W		1'-1'3"	Yellow Brown Soil Medium Granite
		1'-1'3"	Brown Soil " Coarse "
200W		1'-1'3"	Brown Soil. Medium "
		9"-1'0"	" Yellow " no sand
300W		9"-1'0"	" " Medium "
		1'-1'3"	Brown " ~~SEDIMENT~~
400W		1'-1'3"	Orange " " Medium "
		1'-1'3"	Black Brown " " "
500W		1'-1'3"	Brown " Fine/ " "
		1'-1'3"	" " Medium "
600W		9"-1'0"	" " Fine/Medium + Granite "
		9"-1'0"	" " Fine "
700W		1'-1'3"	" Tan " " "
		9"-1'0"	" " " "
800W		1'-1'3"	" " no Sand
		9"-1'0"	" " Fine/Medium + Granite "
900W		1'-1'3"	Brown Soil. " Fine/Medium Granite

104137

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4500N
(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE Line 4500N (1) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
2100E		1'-1'3"	Black Brown Soil	Fine Granite
		1'3"-1'6"	" " "	Qtz float
2000E		1'-1'3"	" " "	Fine Granite.
		1'-1'3"	Black soil + chips	" "
1900E		1'-1'3"	" Brown " "	" "
		1'6"-1'9"	" " "	" "
1800E		1'3"-1'6"	Black "	" "
		1'-1'3"	" "	" "
1700E		1'-1'3"	" " "	" "
		1'-1'3"	" "	" "
1600E		1'3"-1'6"	" "	" "
		1'3"-1'6"	Black Brown soil.	" "
1500E		1'3"-1'6"	Black soil + chips + flags	" "
		1'-1'3"	Brown soil	" "
1400E		9"-1'-8"	" "	" "
		1'6"-1'9"	" Black "	" "
1300E		1'-1'3"	Brown soil + chips.	" "
		1'-1'6"	" "	" "
1200E		1'-1'3"	" "	" "
		1'6"-1'9"	Black Brown soil	" "
1100E		1'-1'3"	Brown soil	Dolerite? float.
		1'-1'3"	Brown black soil.	Fine Granite
1000E		1'-1'3"	Brown "	" "
		1'-1'3"	" Black "	" "
900E		1'-1'3"	" " "	" "
		1'-1'3"	Black "	" "
800E		1'-1'3"	Brown "	" "
		1'3"-1'6"	Black brown "	" "
700E		1'3"-1'6"	Black "	" "
650E		1'3"-1'6"	" Brown "	" "

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4500 N
(2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA | TRAVERSE Line 4500N (2) | DATE | OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
600E		1'3"-1'6"	Brown Black Soil	Fine Granite.
.		1'3"-1'6"	" " "	" "
500E		1'-1'3"	Brown Soil.	Medium + Biotite.
.		1'-1'3"	" "	Fine Granite.
400E		1'-1'3"	Brown Black Soil	" "
.		9"-1'0"	Brown Soil (Sampled 18" west of pit in bank) (Old contain 22" west of peg)	" "
300E		6"-9"	Putty brown soil. (Damp)	(alluvium?)
.		1'-1'3"	Brown Soil	no float.
200E		1'-1'3"	Putty brown Soil.	Medium granite.
.		1'-1'3"	" " "	" "
100E		1'-1'3"	" " "	" "
.		1'3"-1'6"	Brown Soil	alluvium?
DDE		1'-1'3"	Yellow brown Soil.	Medium Granite.
.		9"-1'0"	Brown Soil.	" "
100W		9"-1'0"	" "	" "
.		9"-1'0"	" "	" "
200W		1'-1'3"	" Black "	" "
.		1'-1'3"	" " "	" "
300W		1'-1'3"	" " "	" "
.		1'-1'3"	Brown Soil.	" "
400W		1'6"-1'9"	" "	" "
.		1'3"-1'6"	" "	" "
500W		1'-1'3"	" "	" "
.		1'-1'3"	" Black "	" "
600W		1'-1'3"	Brown "	" "
.		1'-1'3"	Brown Black Soil.	Fine "
700W		9"-1'0"	Brown Soil	Fine Granite
.		1'-1'3"	" "	" "
800W		1'3"-1'6"	" "	" "
850W		9"-1'0"	" "	" "

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Line 4500N (3)

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Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA TRAVERSE Line 4500N (3) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
900W		1'-1'3"	Brown Soil.	fine Granite
		1'3"-1'9"	" Black "	" "
1000W		1'6"-1'9"	" " "	" "
		1'6"-1'9"	Black Soil	" "
1100W		1'6"-1'9"	Black Brown Soil	" "
		1'3"-1'6"	" " "	" "
1200W		1'-1'3"	" " "	" "
		1'-1'3"	" " "	" "
1300W		1'-1'3"	Black Soil	" "
		1'-1'3"	Black Brown Soil chips & frags.	no scree.
1400W		9"-1'0"	" " "	fine Granite
		9"-1'0"	" " " on old track.	no scree.
1500W		1'3"-1'6"	" " "	fine Granite
		6"-9"	Brown Soil.	no scree.
1600W		9"-1'3"	Grey Brown Clay	fine Granite
		6"-1'0"	Brownish clay.	no scree.
1700W		1'3"-1'6"	Brown Soil.	Fine/Medium Granite
		1'-1'3"	" " + roots	" / " "
1800W		1'-1'3"	Brown soil	" / " "
		1'-1'3"	" "	Medium Granite
1900W		1'3"-1'6"	Black Brown Soil.	no scree.
		1'-1'3"	" " "	Medium Granite
2000W		1'-1'3"	" " "	Fine/ " "
		9"-1'0"	" " " + chips	" "
2100W		1'-1'3"	" " "	Fine/Medium "
2150W		9"-1'0"	" " "	no scree.
Track at 2160W.				

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4800N
①

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Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE Line 4800N ① DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
00		9"-1'0"	Brown Soil. 3m South of Peg (old iron at peg)	no scree
		2'-2'6"	" " in bank.	Medium Granite
100E		1'-1'3"	Black Soil	Fine "
		1'3"-1'6"	" "	" "
200E		9"-1'0"	Brown "	" "
		1'-1'3"	" "	" "
300E		1'-1'3"	Black Brown Soil	" "
		1'3"-1'6"	" Soil & Roots. stopped.	" "
400E		1'3"-1'6"	Black brown Soil	" "
		1'-1'3"	" " "	" "
500E		1'-1'3"	" " "	" "
		1'-1'3"	Black "	" "
600E		9"-1'0"	Brown "	" "
		1'6"-1'9"	Black Brown "	" "
700E		1'3"-1'6"	" " "	" "
		1'-1'3"	Black "	" "
800E		1'3"-1'6"	Black brown "	" "
		9"-1'0"	" " "	" "
900E		1'-1'3"	" " "	" "
		1'-1'3"	Black "	" "
1000E		1'3"-1'6"	" "	" "
		1'-1'3"	" " & chips.	" "
1100E		1'-1'3"	" "	" "
		9"-1'0"	" " (stopped)	" "
1200E		1'-1'3"	" "	" "
		9"-1'0"	" " & chips.	" "
1300E		9"-1'0"	" " & "	" "
		1'6"-1'9"	" "	" "
1400E		1'-1'3"	Brown black Soil.	" "
1450E		1'-1'3"	Brown Soil.	" "

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4800 N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier · TRAVERSE Line 4800N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1500E		9"-1'0"	Brown soil Fine Granite.
·		1'-1'3"	Black soil " "
· 1600E		1'-1'3"	Black brown soil " "
· 1650E		1'-1'3"	" " " " "

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4800N.
(3)

Form No. 69/69

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tied. TRAVERSE Line 4800N DATE OBS

(3)

STATION	SAMPLE No.	DEPTH	DESCRIPTION
50W		9"-10"	Sand. alluvium.
100W		9"-10"	Brown Soil. no scree
		1'-1'3"	Coarse black Soil. no scree.
200W		1'3"-1'6"	Brown Soil no scree.
		1'3"-1'6"	Coarse brown Soil. no scree.
300W		6"-9"	" " " on Drill hole location.
		1'-1'3"	" " " Meawm Granite.
400W		1'-1'3"	Brown Soil. " "
		1'-1'3"	Coarse brown soil + roots. no scree.
500W		9"-10"	Fine Sand. alluvium.
		9"-10"	Coarse Sand alluvium.
600W		9"-10"	Brown Soil. alluvium?
		9"-10"	" " " ?
700W		1'-1'3"	" " near old shafts. " ?
		9"-10"	Orange Brown Clayey Soil Qtz rich Granite (Meo)
800W		9"-10"	Brown clayey Soil. Samples 7m North of Peg in bank. no scree
		1'-1'3"	Coarse Greyish Soil. no scree
900W		1'-1'3"	Black Mus + Chips. Meawm Granite
		1'-1'3"	Black Soil roots + chips (stopped) Fine Granite (white)
1000W		1'6"-1'9"	Black Soil " "
		1'-1'3"	Black Brown Soil + roots. " "
1100W		1'6"-1'9"	" " " " "
		1'-1'3"	Brown Soil " "
1200W		1'3"-1'6"	" " " "
		1'-1'3"	Black Brown " " "
1300W		1'6"-1'9"	" " " " "
		1'3"-1'6"	" " " " "
1400W		1'6"-1'9"	" " " " "
		1'9"-2'0"	" " " + roots. " "
1500W		1'3"-1'6"	Black Brown Soil. " "

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4800 N.
(4)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Bluetel. TRAVERSE Line 4800 N (4) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1550 W		1'3"-1'6"	Black Brown Soil. no scree.
1600 W		1'-1'3"	" " " Fine Granite.
		9"-1'0"	Tan Brown Clayey Soil. " "
1700 W		9"-1'0"	Brown Soil. No Scree.
		9"-1'0"	" " + roots. " "
1800 W		9"-1'0"	Brown soil. " "
		9"-1'0"	Tan clay. " "
1900 W		9"-1'0"	Brown clayey Soil " "
		6"-9"	Brown Clayey Soil. no scree.
2000 W		9"-1'0"	Brown Soil. Fine Granite.
		9"-1'0"	" " Medium "
2100 W		1'-1'3"	" " " "
		6"-9"	" " BASALT.
2200 W		9"-1'0"	" " BASALT
		9"-1'0"	" " no scree.
2300 W		9"-1'0"	" " Medium Granite
		9"-1'0"	" " no scree
2400 W		1'-1'3"	" " no scree
		9"-1'0"	" " no scree.
2500 W		1'3"-1'6"	" " orchips. Medium Granite
2550 W		9"-1'0"	" " " "

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5100N
(1)

Form No. 69/69

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tiel - TRAVERSE 5100N. (1) DATE OBS

STATION	SAMPLE NO.	DEPTH	DESCRIPTION	Rock Type.
00E		1'-1'3"	Black Soil	Fine Granite.
		1'6"-1'9"	" Brown "	" "
100E		1'3"-1'6"	" " + Granite fragments	" "
		1'-1'3"	" " " " "	" "
200E		1'3"-1'6"	" Brown " " "	" "
		1'3"-1'6"	" " " " + excess small Quartz frags.	" "
300E		1'3"-1'6"	Tan Brown "	" "
		1'-1'3"	Black " + small Qtz frags	" "
400E		2'6"-3'0"	Brown " in bank	" "
		1'6"-1'9"	Brown Black "	" "
500E		1'-1'3"	Black "	" "
		1'6"-1'9"	" "	" "
600E		1'3"-1'6"	" Brown "	" "
		1'6"-1'9"	" "	" "
700E		1'-1'3"	" " in Scree.	" "
		1'3"-1'6"	" "	" "
800E		1'-1'3"	" "	" "
		1'-1'3"	" " + weathered fragments	" "
900E		9"-1'3"	" " + chips + frags + Parts.	" "
		1'6"-1'9"	" Brown	" "
1000E		9"-1'0"	Brown "	" "
		1'-1'3"	" "	" "
1100E		2'-3'	" " in bank on West side of Road.	" "

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5100N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE Line 5100N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
00W		1'-1'6"	Brown Soil in bank. Mesium Granite
		1'-1'3"	Brown soil. no scree
100W		4"-9"	Brown soil + orange brown weathered rock. Mesium Granite
		1'-1'3"	Khaki soil. no scree
200W		6"-9"	Khaki Brown soil coarse Qtz frags. no scree.
		9"-1'0"	Khaki Brown soil. Fine Granite
300W		2"-9"	Khaki clay + frags. sampled 10m west of Peg in bank. no scree.
		9"-1'0"	Khaki Brown Soil. sampled 20m West of Peg out of Drainage. Med/fine.
400W		6"-9"	Khaki brown clayey soil no scree
		1'-1'3"	Brownish Soil no scree.
500W		6"-9"	Brownish soil. no scree
		1'-1'3"	Brown soil. " "
600W		6"-1'0"	" " in bank at edge of old track. Mesium Granite
		1'-1'3"	Brownish soil " "
700W		9"-1'0"	Tan Brown soil. + Biotite " "
		9"-1'0"	" " " " "
800W		9"-1'0"	" " Fine Granite
		1'-1'3"	Brown + Black soil + Biotite " "
900W		1'-1'3"	" " " + roots. " "
		1'6"-1'9"	" " " " "
1000W		9"-1'0"	Black soil + rock (stopped in scree) " "
		1'3"-1'6"	Black Brown soil " "
1100W		6"-9"	" " " + chips (stopped) " "
		1'0"-1'3"	Brown clayey soil. " "
1200W		9"-1'0"	Brown soil. " "
		1'3"-1'6"	Black Brown soil. " "
1300W		1'-1'3"	Black soil + roots. (stopped) " "
		1'3-1'6"	Black Brown soil. no scree.
1400W		1'3"-1'6"	" " " + frags. " "
1450W		1'-1'3"	Brown soil. Fine Granite

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5100N (3)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tiers. TRAVERSE Line 5100N (3) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
1500W		1'3"-1'6"	Black Brown Soil.	some Rootlets Fine Granite
		1'-1'3"	Tan Brown Clayey Soil.	" "
1600W		3"-9"	Tan Clay.	no sweet.
		9"-1'0"	" Brown "	no sweet.
1700W		9"-1'0"	" " clayey Soil.	Fine Granite
		9"-1'0"	" " " "	no sweet.
1800W		9"-1'0"	Greenish Khaki clay. sampled 4m west of Peg in bank.	+ Rootlets Fine
		9"-1'0"	Brown Soil.	"
1900W		9"-1'0"	Beige clay	"
		1'-1'3"	Brown Soil.	no sweet.
2000W		1'6"-1'9"	Fine Brown Soil.	POR ARK + MEDIUM Granite
		1'6"-1'9"	Black Brown Soil.	" + Rootlets
2100W		1'3"-1'6"	Brown Soil.	Coarse - Med Granite
		9"-1'0"	Brown clayey Soil	" "
2200W		1'9"-2'0"	Black Brown soil + roots.	" "
		9"-1'0"	Brown Soil.	" "
2300W		9"-1'0"	" " + chips.	Fine "
		9"-1'0"	" "	Fine/Medium "
2400W		1'-1'3"	Brown Soil.	Medium Granite.
		1'-1'3"	Brown Soil + chips.	Medium Granite.
2500W		1'-1'3"	" "	no float.
2550W	ACTUALLY SAMPLED AT 2535W.	1'3"-1'6"	" "	MEDIUM Granite

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5400N
(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE 5400N (1) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
00W		Not	Sampled. Mine.
		"	" "
100W		"	" "
		"	" "
200W		1'-1'3"	Fine Brown Soil + roots. no screen
		1'-1'3"	Brown Soil Fine/Med Screen
300W		1'-1'3"	" " " " "
		1'-1'3"	" " Fine Granite
400W		1'-1'3"	" " + roots " "
		1'-1'3"	" " " "
500W		9"-1'0"	" " no screen
		9"-1'0"	" " " "
600W		9"-1'0"	" " Fine Granite
		1'-1'3"	" " " "
700W		1'-1'3"	Black Soil + roots stopped " "
		1'-1'3"	Brown Soil " "
800W		19"-20"	Black Brown Soil + roots. At top of old Drawings. " "
		1'-1'3"	Brown Soil + frags. " "
900W		1'-1'3"	" " Fine/Med + Hornfels
		1'-1'3"	Black Soil + roots stopped. Fine Granite
1000W		1'-1'3"	Black Brown Soil + roots stopped Med "
		9"-1'0"	Black Soil " " " "
1100W		16"-19"	" " " " + chips stopped " "
		9"-10"	" " " " " " " "
1200W		13"-16"	" " " "
		9"-10"	Coarse black soil, stopped. " "
1300W		1'-1'3"	" " " " " "
		1'-1'3"	Brown Soil. Fine/Med "
1400W		13"-16"	Black Brown soil + roots. Fine.
1450W		1'-1'3"	" " " " "

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5400N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Black Tiel. TRAVERSE 5400N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1500W		1'3"-1'6"	Black Soil + roots Fine/Med Coarse
		1'3"-1'6"	Black Brown soil " "
1600W		1'3"-1'6"	" Beige " Fine "
		9"-1'0"	Brown soil. "
1700W		1'3"-1'6"	Black soil + roots on old track? "
		9"-1'0"	Black Brown Soil. " Fine/Med.
1800W		1'-1'3"	Black Soil. " "
		1'3"-1'6"	Black Brown Soil " "
1900W		1'-1'3"	" " " " "
		1'-1'3"	Black Soil. " "
2000W		1'-1'3	Black Brown Soil + frags " "
		1-1'3.	Coarse Black Brown soil. " "
2100W		9"-1'0"	Black Soil roots + chips. " "
		1'3"-1'6"	Brown soil no scree
2200W		1'-1'3"	" " Fine/Med
		1'-1'3"	" " no scree.
2300W		9"-1'0"	Tan Brown clayey soil. " "
		6"-9"	Tan Clayey Soil. " "
2400W		6"-1'0"	Brown clayey Soil + roots in creek depression. " "
		9"-1'0"	Tan " " " "
2500W		1'-1'6"	Brown Soil + weathered chips + frags Fine Granite
		9"-1'0"	" " Fine "
2600W		6"-1'0"	" " no Scree.
		9"-1'0"	" " Fine + BOTTLE.
2700W		9"-1'0"	" " no scree.
2750W		1'-1'3"	Brown Soil Fine Granite

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5400N

④

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA _____ TRAVERSE Line 5400N DATE _____ OBS _____

④

STATION	SAMPLE No.	DEPTH	DESCRIPTION	Rock Type.
750E	↑ continues slope ③	1'-1'3"	Brown Black soil.	Fine Granite.
700E		1'-1'3"	" " "	" "
		1'3"-1'6"	" " "	" "
600E		1'3"-1'6"	" " " Coarse Granite at 625E.	" "
		1'3"-1'6"	Black "	" "
500E		1'3"-1'6"	" "	" "
		1'3"-1'6"	" "	Medium Granite.
400E		1'3"-1'6"	Brown Black "	" "
		1'-1'6"	Tan brown clayey soil Sampled 6m West of Pegs Creek. in scree pieces	"
300E		9"-1'0"	Brown soil	Fine Granite.
		1'6"-1'9"	Tan brown soil & weathered Rock	" "
200E		1'3"-1'6"	Brown Black soil	Medium Granite.
		1'3"-1'6"	Brown soil	" "
100E		1'0"-1'3"	" Black "	" "
		1'9"-2'0"	Black	" "
00E.		1'6"-1'9"	Brown soil in bank.	" "

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5400 N.
(5)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE 5400N (5) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
800E		1'-1'3"	Black Brown Soil.	Fine Clastic
		1'3"-1'6"	Black Soil	" "
900E		1'3"-1'6"	Black Brown Soil.	" "
		1'-1'3"	Brown Soil	" "
1000E		1'-1'3"	" "	" "
		1'-1'3"	Black Brown Soil.	" "
1100E		1'3"-1'6"	Brown Soil	" "
		1'-1'3"	" "	Mod " "
1200E		6"-9"	Tan Muddy Clayey Soil 5' West of Reg. n/h	"
		9"-1'0"	Brown soil.	Fine "
1300E		9"-1'0"	Tan Brown soil.	no sever.
		9"-1'0"	Brown Soil	Fine. "
1400E		9"-1'0"	" "	no sever
1450E		1'-1'3"	" "	" "

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5700N
(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE Line 5700N DATE OBS

(1)

STATION	SAMPLE No.	DEPTH	DESCRIPTION
700E ↑ continued sheet (4)		9"-1'0" see sheet (2) for continuation	Brown Clayey Soil. Fine Granite.
		1'-1'3"	" " " Gabbro? Dolerite?
600E		9"-1'0"	" " " " "
		1'-1'3"	" " " " "
500E		1'3"-1'6"	" " " Medium Granite
		1'3"-1'6"	Brown Black Soil. " "
400E		1'-1'3"	Black Soil + Frags Iron Manganese rich. " "
		1'-1'3"	" " + " Fine/Medium Granite
300E		1'-1'3"	" " + " Medium Granite
		1'3"-1'6"	" " " "
200E		1'-1'3"	Brown Black Soil " "
		1'3"-1'6"	" " " " "
100E		9"-1'0"	Brown slightly clayey Soil. " "
		1'3"-1'6"	Black brown Soil. " " + Biotite.
00		1'-1'3"	" " " " "
		1'-1'3"	" " " " + Biotite.
100W		9"-1'0"	Black Soil " "
		1'3"-1'6"	Brown Black Soil. + excess Qtz float. " "
200W		9"-1'0"	Brown Clayey Soil. no float.
		9"-1'0"	Tan brown Soil Boulder. Medium Granite.
300W		9"-1'0"	Brown Soil " "
		9"-1'0"	Tan Brown clayey Soil 8m South of Peg " "
400W		9"-1'0"	Brown Soil. no float.
		1'-1'3"	Tan brown clayey Soil. Medium Granite
500W		1'-1'3"	Brown Soil. Fine-Medium Granite scree.
		1'9"-2'0"	" " in bank. + biotite. Fine Granite scree
600W		1'3"-1'6"	Black Brown Soil. Fine " "
		1'-1'3"	" " " " " "
700W		1'-1'3"	" " " " " "
750W		1'-1'3"	" " " " " "

104152

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5700N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE 5700N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1650W		1'-1'3"	Coarse black soil. Med/Fine Granite
1600W		1'-1'3"	" " " " " "
		1'-1'3"	" " " " " "
1500W		1'-1'3"	" " " " " "
		9"-1'0"	" " brown " Sampled 20m East of Peg. creek alluvium/scree at peg. " "
1400W		1'-1'3"	Black brown soil (coarse) " " "
		9"-1'0"	Coarse black soil. " " "
1300W		9"-1'0"	Brown black soil. " " "
		9"-1'0"	Black Grey soil. " " "
1200W		9"-1'0"	Black brown soil. " " "
		6"-9"	Brown clayey soil. no scree
1100W		9"-1'0"	Brown soil. Fine Granite
		9"-1'0"	" " " "
1000W		9"-1'0"	" " old Paddock " "
		9"-1'0"	" " old Paddock. no scree.
900W		1'-1'3"	Black Brown Coarse soil. no scree.
		9"-1'0"	Brown soil. Med/Fine Granite
800W		9"-1'0"	Black soil & chips. " " "
continued.		↓ See other sheet.	sheet no (1)

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104153

5700N
(3)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 5700N (3) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
3150W		6"-9"	Tan beige clay	no scree.
3100W		1'-1'3"	Tan brown soil.	" "
		9"-1'0"	Tan clayey soil Sampled 10m West of Peg.	sand & alluvial at Peg.
3000W		3"-6"	Black Brown Coarse soil & roots. old workings stopped.	alt rock Fine Granite
		9"-1'0"	Coarse black soil & roots. stopped	Fine "
2900W		9"-1'0"	Grey Tan Coarse sandy soil	no scree.
		1'3"-1'6"	Coarse black Sandy soil	" "
2800W		1'-1'3"	OLD TRENCH " " soil.	" "
		1'-1'3"	" " "	" "
2700W		1'6"-1'9"	Coarse black soil	Med/Fine Granite
		1'3"-1'6"	" " "	no scree.
2600W		1'-1'3"	" " "	Med/Fine "
		1'3"-1'6"	" " "	" " "
2500W		1'-1'3"	" " "	" " "
		9"-1'0"	Black soil.	" " "
2400W		1'-1'3"	Coarse black soil.	" " "
		6"-9"	" " " & roots.	" " "
2300W		1'0"-1'3"	" Brown "	" " "
		1'0"-1'3"	Coarse black soil & roots	no scree
2200W		9"-1'0"	" " " stopped.	Fine/Med Granite
		1'-1'3"	" " "	" " "
2100W		9"-1'0"	" " "	" " "
		9"-1'0"	Black soil & roots	" " "
2000W		9"-1'0"	" " " "	" "
		9"-1'0"	" " " "	" " "
1900W		9"-1'0"	" " " "	" " "
		1'3"-1'6"	" " " "	" " "
1800W		1'0"-1'3"	" " " "	" " "
		9"-1'0"	Black Brown soil.	" " "
1700W		6"-9"	" " " Sampled 6m West of Peg roots & chips.	" " "

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5700N.
(4)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue TRAVERSE Line 5700N (4) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
750E		9"-1'0"	Brown Clayey Soil	no sieve
800E		13"-16"	Black Soil	" "
.	only 25" between ↕	1'-1'3"	" "	Med/Fine Gravels
900E		1'-1'3"	" "	" "
.		1'-1'3	" "	" "
1000E		1'-1'2	Black Brown Soil + roots.	Fine "
.	9"-1'0" [illegible]	" " "		Fine/Med/Coarse "
1100E		1'-1'3"	" " "	no sieve.
.		9"-1'0"	Brown Soil	" "
1200E		1'-1'3"	" "	Medium "
.		9"-1'0"	" "	Med "
1300E		9"-1'0"	" "	no sieve.
.		1'-1'3"	" "	Medium "
1400E		1'-1'3"	" " + roots	" "
.		1'-1'3"	" "	Med/Fine "
1500E		1'-1'3"	" "	Medium "
1		9"-1'0"	" "	" "
1600E		9"-1'0"	" "	" "

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104155

6000 N.
(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6000 N DATE OBS

(1)

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
1200 E		1'-1'3"	Brown Soil.	no scree
		1'-1'3"	" "	" "
1100 E		9"-1'0"	" "	Fine/Med Crack
		1'-1'3"	Black Brown Soil.	" " "
1000 E		9"-1'0"	Brown Soil.	no scree.
		9"-1'0"	" " + Rock.	Med "
900 E		1'-1'3"	Brown Soil.	" "
		9"-1'0"	" "	" "
800 E		1'-1'3"	" "	Fine.
		9"-1'0"	" " + roots.	"
700 E		6"-9"	Tan Brown clayey Soil	no scree.
		9"-1'0"	Brown Soil + roots.	" "
600 E		9"-1'0"	Brownish clayey Soil.	Rock chip taken altered dolerite?
		9"-1'0"	" "	Fine Crack.
500 E		9"-1'0"	Brown Soil.	no scree.
		1'-1'3"	Brownish Soil.	Fine.
400 E		1'-1'3"	Brown Soil + frags + chips.	Fine + Med
		9"-1'0"	" " in scree.	MED
300 E		1'-1'3"	Black Brown Soil.	Fine.
		1'3"-1'6"	" " "	"
200 E		1'3"-1'6"	Brown Soil. below Road.	
		1'3"-1'6"	" " " "	
100 E		2'6"-3'0"	" " in bank above road.	Fine.
		1'-1'3"	" "	Fine.
0 E.		1'-1'3"	Course Brown Soil. in Old house site.	

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104156

6000N

(2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA _____ TRAVERSE Line 6000N (2) DATE _____ OBS _____

STATION	SAMPLE No.	DEPTH	DESCRIPTION
800W		1'-1'3"	Brown Soil & Frags. in old creek workings. washed alluvium? Medium & Fine Granite.
		1'-1'3"	Brown Tan Yellow clayey Soil & Frags. Medium Granite.
700W		1'-1'3"	Beige clay no scree.
		1'6"-2'0"	Whitish beige clay in old costein. & Frags Fine Granite.
600W		1'6"-2'0"	Brown Beige clayey Soil. in old workings. Medium & Fine Granite & Qtz.
		9"-1'0"	Orange brown clayey Soil. " & " ".
500W		1'-1'3"	Brown Soil. see sample (+ Porphyry)
		1'-1'3"	Brown Beige Clayey Soil. no float.
400W		9"-1'0"	Brown Soil Fine Granite
		9"-1'0"	Brown clayey Soil. Medium Granite.
300W		9"-1'0"	" " " " "
		9"-1'0"	" " " + Biotite. " "
200W		9"-1'0"	" " " no scree.
		1'6"-2'0"	" " " in bank of Creek. Fine Granite.
100W		1'-1'3"	Brown Soil. Med + " "
		1'-1'3"	" " Medium + Fine Granite.
00W		1'-1'6"	" " in bank. " & " ".

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6000N (3)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6000N (3) DATE OBS

STATION	SAMPLE No. Baseline @ 2780W 525	DEPTH	DESCRIPTION	
2750W		6"-9"	Coarse black soil + roots.	Fine Grain
2700W		13"-16"	Black soil.	" "
		9"-10"	XOPENCUTX + roots.	Med " "
2600W		9"-10"	" "	" " "
		1'-1'3"	Coarse Black Brown soil.	no scree.
2500W		1'3"-1'6"	" " "	" "
		9"-10"	Black Brown soil.	Med/Fine
2400W		13"-16"	Coarse Black soil.	Med
		13"-16"	" " "	Fine " "
2300W		1'-1'3"	" Greyish soil.	Med
		9"-10"	Black soil + roots.	Fine
2200W		16"-19"	Coarse black Grey soil.	"
		9"-10"	" " " + root	"
2100W		9"-10"	" " "	"
		1'-1'3"	" " "	"
2000W		1'-1'3"	Brown soil	"
		16"-19"	Black soil	no scree
1900W		9"-10"	" "	Fine
		6"-9"	Coarse black soil + roots.	"
1800W		13"-16"	" " "	no scree.
		9"-10"	" " " on old track?	fine.
1700W		9"-10"	" " " + roots.	Med "
		1'-1'3"	Black soil + veg. not Good Sample. in outcrop.	"
1600W		13"-16"	Coarse black soil + roots.	Med/Fine
		13"-16"	" " gray "	no scree.
1500W		13"-16"	" " gray "	" "
		13"-16"	Coarse black soil.	" "
1400W		1'-1'3"	Grey Brown soil.	Med/Fine
		13"-16"	Coarse Grey soil.	" "
1300W.		13"-16"	" black "	no scree.

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104158

6000 N.
(4)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6000 N (4) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
1250 W		13"-16"	Coarse black soil.	no scree.
1200 W		16"-19"	" " "	" "
		9"-10"	" " " + roots.	Med/Fine Crumb
1100 W		1'-1'3"	Black Brown soil.	no scree.
		13"-16"	Coarse greyish soil.	" "
1000 W.		1'-1'3"	Coarse grey black soil.	Med/Fine
		1'-1'3"	Brown Clayey soil + weathered flags	Fine
900 W.		9"-10"	Grey soil.	Fine
850 W.		6"-9".	Black soil. + roots.	Fine.

104159

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6300 N.

(1)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE 6300 N (1) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
DO.		1'6"-1'9"	Brown Soil in Bank	no screen.
		9"-1'0"	" "	" "
100E		1'-1'3"	" Sandy "	" "
		1'3"-1'6"	Brown Soil	Fine Grained
200E		1'-1'3"	" "	" "
		9"-1'3"	Black Brown Soil stopped	" "
300E		1'-1'3"	Brown Soil	" "
		9"-1'0"	" "	" "
400E		1'-1'3"	" " roots in screen	Medium "
		1'-1'3"	" "	" "
500E		9"-10"	Tan Brown Soil	" "
		1'-1'3"	Black Brown "	Fine "
600E		9"-1'0"	Brownish Soil + weathered Rags.	Med "
		1'3"-1'6"	" "	" "
700E		9"-1'0"	" "	" "
		9"-10"	Black Brown Soil in screen	" "
800E		9"-1'0"	Coarse black Soil stopped.	Fine & Med "
		1'-1'3"	Brown Soil.	Med "
900E		1'-1'3"	" " + roots	" "
		1'-1'3"	" "	" "
1000E		9"-1'0"	" "	" "
		9"-1'0"	" "	Fine "
1100E		9"-1'0"	" "	Fine " no screen.
		1'-1'3"	" "	no screen.
1200E		1'-1'3"	Orange Brown clay sampled 5m EAST of Peg in bank + roots.	Very Fine Grained
		9"-1'0"	Brown Soil	" "
1300E		9"-1'0"	" "	Med "
		1'-1'3"	" " clayey	no screen
1400E		1'-1'3"	" " clayey	no screen
	Baseline 6300E at 1400E on line 6300E.			

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104160

6300N
(2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6300N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1950W on road.		1'6"-2'0"	Black soil (coarse) in bank to West of road. Mesa Granite.
2000W		1'6"-1'9"	Coarse black soil. Meso "
		1'-1'3"	Brown soil. " "
2100W		1'-1'3"	Black soil & roots. " "
		1'-1'3"	Brown soil. " "
2200W		1'-1'3"	" " " "
		1'-1'3"	" " " "
2300W		9"-10"	" " " "
		1'-1'3"	Black " " " "
2400W		1'3"-1'6"	Coarse blackish soil. no scree.
		1'3"-1'6"	" " " Meso Granite
2500W		1'6"-2'0"	" " " in bank of trench adjacent line. " "
		1'3"-1'6"	old workings " " " 10m South of peg. qtz vein.
2600W		1'3"-1'6"	" " " no scree
		1'3"-1'6"	" " " " "
2800W		1'3"-1'6"	" " " Meso Granite.
		1'3"-1'6"	" " " " "
2800W		1'-1'3"	" " " & roots. " "
		1'-1'3"	" " " " "
2900W		1'3"-1'6"	Coarse black & fine Greyish soil " "
		1'-1'3"	" " " " " " "
3000W		1'-1'3"	" " " " " 10m West of peg " "
		1'-1'3"	" " " " " " "
3100W		6"-9"	Grey & Brown old workings clayey soil & roots & rock chips " "
		9"-1'0"	Grey " " " " " " "
3200W		1'3"-1'6"	Coarse black soil. Fine "
		9"-1'0"	" " " " "
3300W		1'3"-1'6"	" " " some fine soil. no scree
3350W.		1'3"-1'6"	Brown soil. " "
3400W.	Not Sampled. See. Baseline 2200E 250S.		

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104161

6300N (3)

Form No. 69/89 — RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier · TRAVERSE 6300N (3) · DATE · OBS

STATION	SAMPLE NO.	DEPTH	DESCRIPTION	
1900W	T	1'3"-1'6"	Coarse black soil	Mean Granite
1850W		1'-1'3"	Black soil.	" "
1800W		9"-1'0"	Browny Grey soil	no scree.
		1'3"-1'6"	" " " workings	Fine Granite.
1700W		6"-9"	" " " rchips "	" "
		9"-1'0"	Brownish soil + veg.	alluvium.
1600W		3"-6"	Tan clay + frags. near alluvial workings	Mes rain
		6"-9"	Tan clay	Fine.
1500W		6"-9"	" "	"
		9"-1'0"	Tan brown mud + clay workings	no scree
1400W		6"-9"	Tan soil	MED.
		6"-9"	" "	"
1300W		6"-9"	Tan brown soil.	"
		9"-1'0"	Orange brown soil. Sampled 15m west of Peg. Workings.	"
1200W		1'-1'3"	Brown soil in Mine working area. Orange weathered Granite. No soil workings.	"
		6"-9"	Orange brown soil. Sampled 4m south of Peg. workings (topsoil washed)	"
1100W		1'-1'3"	Brownish soil. workings	"
		9"-1'0"	" " + frags.	"
1000W		9"-1'0"	[illegible]	"
		9"-1'0"	Brown soil.	"
900W		9"-1'0"	Brown soil	"
		1'-1'3"	" "	"
800W		9"-1'0"	" "	No scale
		1'-1'3"	" " + frags	Mes.
700W		9"-1'0"	" "	Fine/Mes.
650W		9"-1'0"	" "	No scale.

104162

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6300N
(4)

Form No. 84/85

RENISON LIMITED

FIELD SLIP FOR GEOCHEMICAL SURVEY

AREA Blue Tier . GRID BASE 6300N DATE OBS

(4)

STATION	SAMPLE NO.	DEPTH	DESCRIPTION	
600W		9"-1'0"	Brown soil.	no screen.
		9"-1'0"	" "	Medium Grained
500W		9"-1'0"	" "	" "
		9"-1'0"	Tan "	no screen.
400W		9"-1'0"	" "	" "
		1'-1'3"	Brownish soil.	"
300W		1'-1'3"	" "	"
		9"-1'0"	Brown soil.	Fine/Med.
200W		9"-1'0"	" " & chips.	Fine
		9"-1'0"	Black Brown soil.	no screen.
100W		1'-1'3"	Brown soil.	Fine.
50W.		1'-1'3"	" "	Fine.

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104163

6600N.

(1).

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier TRAVERSE 6600N (1) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
00		1'-1'6"	Brown Soil. in road bank. Medium Grade
		9"-1'0"	" " Fine " "
100E		1'-1'3"	" " no scree
		1'-1'3"	" " " "
200E		9"-1'0"	" " Medium Grade.
		1'3"-1'6"	" " " "
300E		1'6"-1'9"	Khaki Brown Soil. Fine "
		1'-1'3"	" " " " "
400E		9"-1'0"	Brown Soil. " "
		9"-1'0"	" " in scree. " "
500E		1'3"-1'6"	Black Soil. " "
		9"-1'0"	Tan Brown Soil. " "
600E		9"-1'0"	" " " "
		9"-1'0"	Brown Soil. " "
700E		9"-1'0"	Black Brown Soil. " "
		1'-1'3"	" " " "
800E		9"-1'0"	" " " "
		1'-1'3"	Brown Soil " "
900E		9"-1'0"	Brownish Soil & roots Fine Grade.
		1'-1'3"	Brown Soil. " "
1000E		1'-1'3"	" " & roots. " "
		9"-1'0"	Black Brown Soil in scree " "
1100E		1'-1'3"	" " " " " "
		9"-1'0"	Brown Soil. " "
1200E		6"-9"	Grey brown clay. " "
		9"-1'0"	Brown clayey Soil. " "
1300E		9"-1'0"	" " " Medium "
		9"-1'0"	Coarse Brown Soil. " "
1400E		6"-9"	" " " stopped in scree " "
1450E		1'3"-1'6"	" " " " "

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104164

6600N (2)

Form No. 69/89

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE 6600N (2) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION
1500E		1'-1'3"	Brown Soil Medium Granite
		9"-1'0"	" " " "
1600E		1'-1'3"	" " " "
		9"-1'0"	" " " "
1700E		9"-1'0"	" " " "
1750E.		9"-1'0"	" " " " no sand
Baseline 6700E		@ 1780E on this line	baseline 6700E starts here @ 00 going South.

104165

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6600 N. (3)

Form No. 55/80

RENISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Ties. TRAVERSE 6600N (3) DATE OBS

STATION	SAMPLE NO.	DEPTH	DESCRIPTION	
50W		9"-1'0"	Brown soil	Maroon Chunks
100W		1'-1'3"	Tan Brown soil.	" "
		9"-1'0"	Brown soil + weathered frags	" "
200W		1'3"-1'6"	Brownish soil.	no scree
		1'-1'3"	Coarse brown soil + weathered chips	MED.
300W		1'-1'3"	Brown soil.	MED.
		1'-1'3"	Coarse black soil.	MED.
400W		1'-1'3"	Coarse grey brown soil.	"
		1'-1'3"	Brownish soil + chips	Coarse + MED.
500W		9"-1'0"	Coarse brown soil.	" + "
		1'3"-1'6"	Brown soil. workings	MED.
600W		9"-1'0"	" " Sampled 5m North of Peg.	Mine Scree
		1'-1'3"	Tan-brown soil	MED.
700W		9"-1'0"	Brown soil.	no scree
		9"-1'0"	" "	MED.
800W		9"-1'0"	" "	"
		1'-1'3"	" "	"
900W		1'-1'3"	" "	"
		9"-1'0"	" "	"
1000W		1'-1'3"	" "	"
		1'-1'3"	" " + chips	"
1100W		1'-1'3"	" "	"
		1'-1'3"	" " + weathered frags. workings	"
1200W		9"-1'0"	Yellow brown soil.	no scree
1250W		9"-1'0"	Coarse brown soil.	MED.

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6600N
(4)

Form No. 59/89

REWISON LIMITED

FIELD SHEET FOR GEOCHEMICAL SURVEY

AREA Blue Tier. TRAVERSE 6600N (4) DATE OBS

STATION	SAMPLE No.	DEPTH	DESCRIPTION	
1300W		9"-1'0"	Yellow brown soil	Medium Granite
		9"-1'0"	Tan soil.	no scree
1400W		9"-1'0"	" "	" "
		9"-1'0"	" "	MED
1500W		9"-1'0"	" " Trench.	MED
		6"-9"	Coarse grey brown soil.	workings Scree
1600W		6"-9"	" Brownish soil.	MED.
		6"-9"	" " + roots.	in alluvial workings
1700W		1'6"-1'9"	Brown soil.	in alluvial workings.
		9"-1'0"	Coarse " "	alluvium? "
1800W		9"-1'0"	Coarse Grey soil. stopped.	MED.
		1'3"-1'6"	" " "	no scree
1900W		1'3"-1'6"	~~Brown soil~~	" "
		9"-1'0"	Brown soil.	MED.
2000W		1'-1'3"	Coarse black brown soil	"
		1'3"-1'6"	" " "	no scree.
2100W		1'-1'3"	" browny Grey "	" "
		1'-1'3"	Brownish soil.	MED.
2200W		1'-1'3"	" " + roots.	"
		1'-1'3"	Brown soil.	no scree
2300W		9"-1'0"	" "	" "
		1'3"-1'6"	" "	MED.
2400W		1'3"-1'6"	" "	"
2430W-Track 2450W.		6"-9"	" "	"

APPENDIX VII

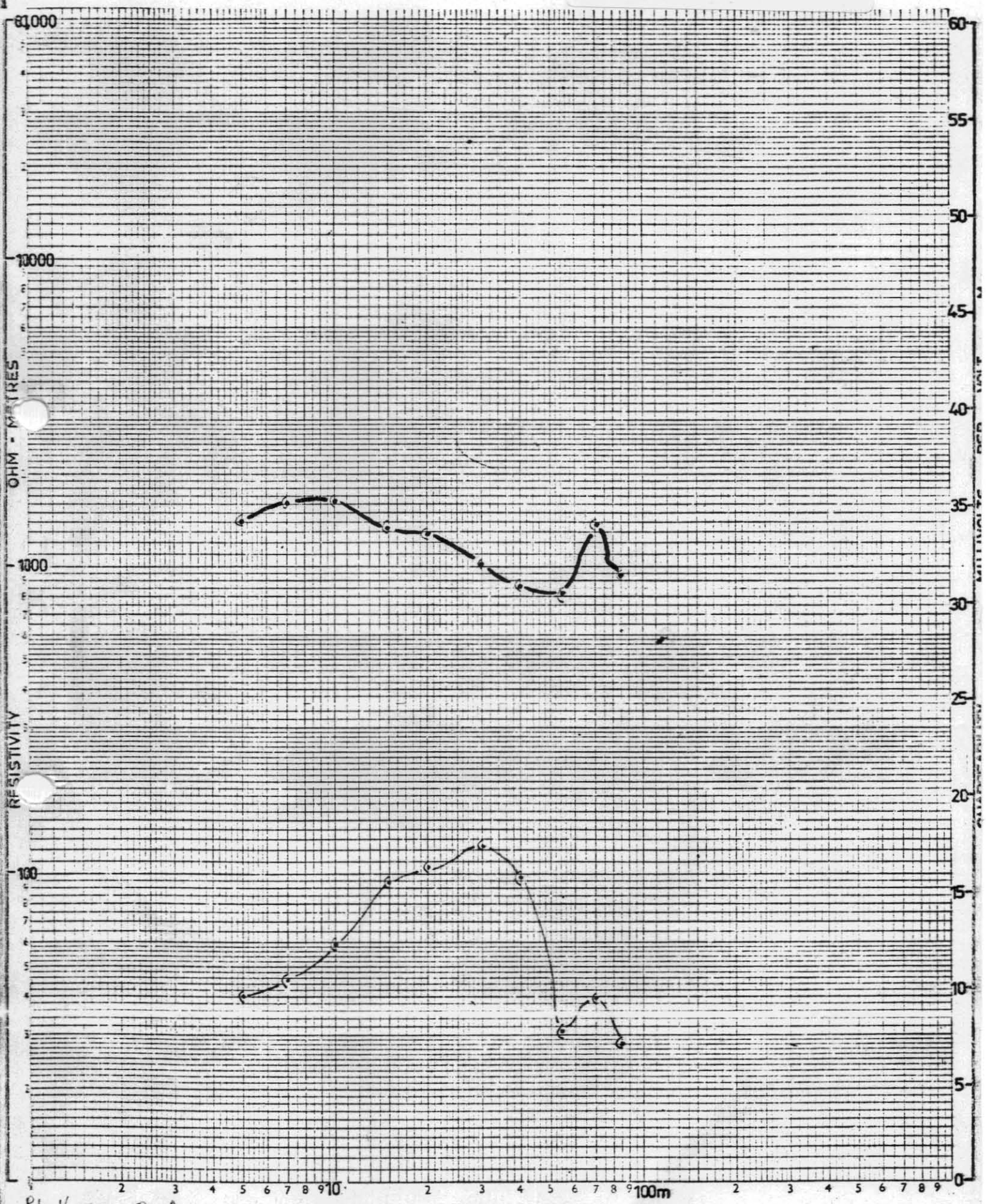
Electrical Induced Polarisation Soundings
(No's K1 to K130, Graphical Presentation)

Resistivity - Top Line, Left Scale

Chargeability - Bottom Line, Right Scale

152

104168



R1. 1600 Q. A.
R2 600
DR 12
MS 10
M2 20+
T 6

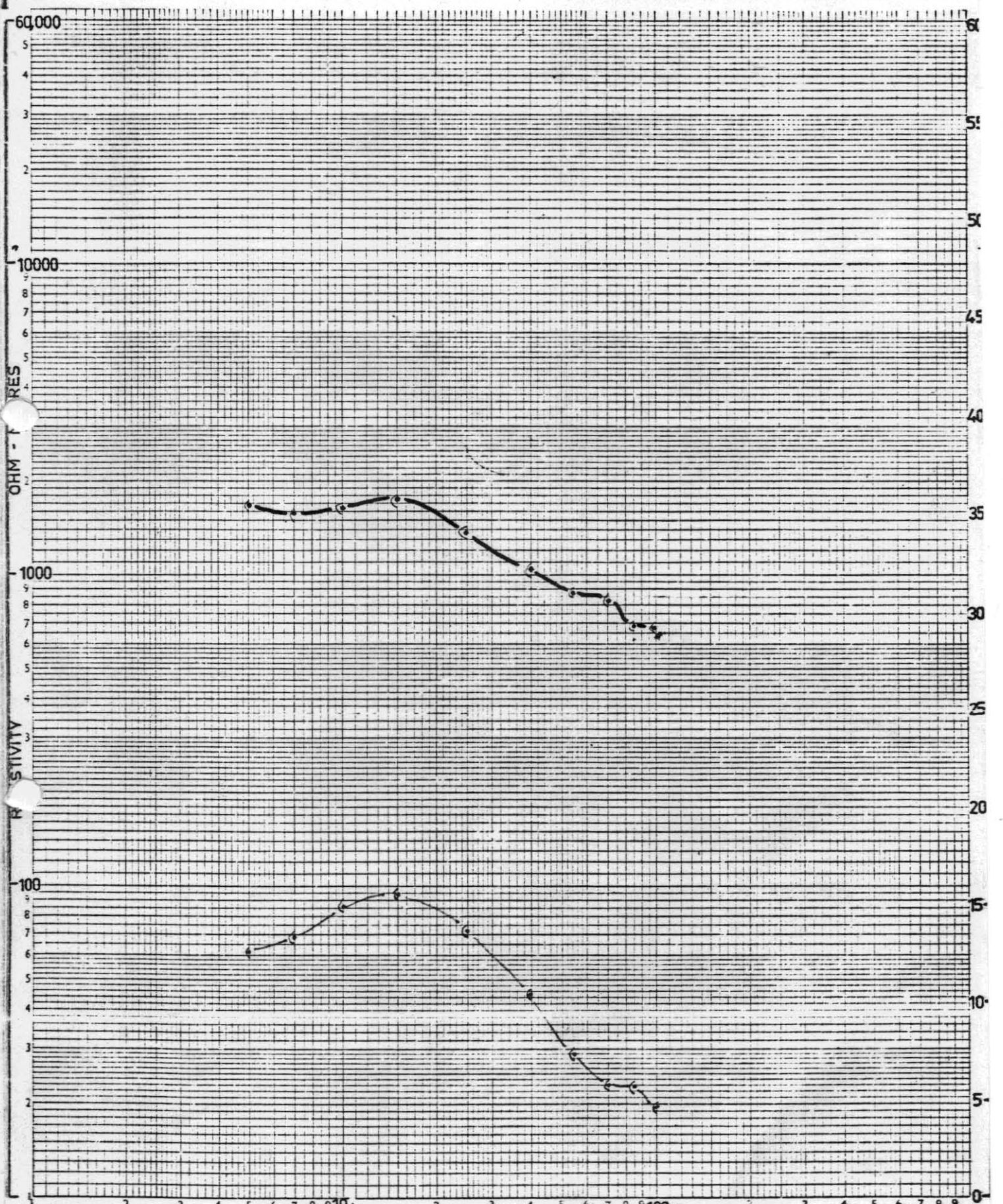
ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K1 DATE: 13/8/79.
LOCATION: 42N 20E OPERATOR: D.J. Webb
BEARING: Scintrex

153

104169



R1. 1600
R2. 400
DR. 17
MS 13
M2 20+

Q. B

ANCHOR MINE LOTTAH GRID

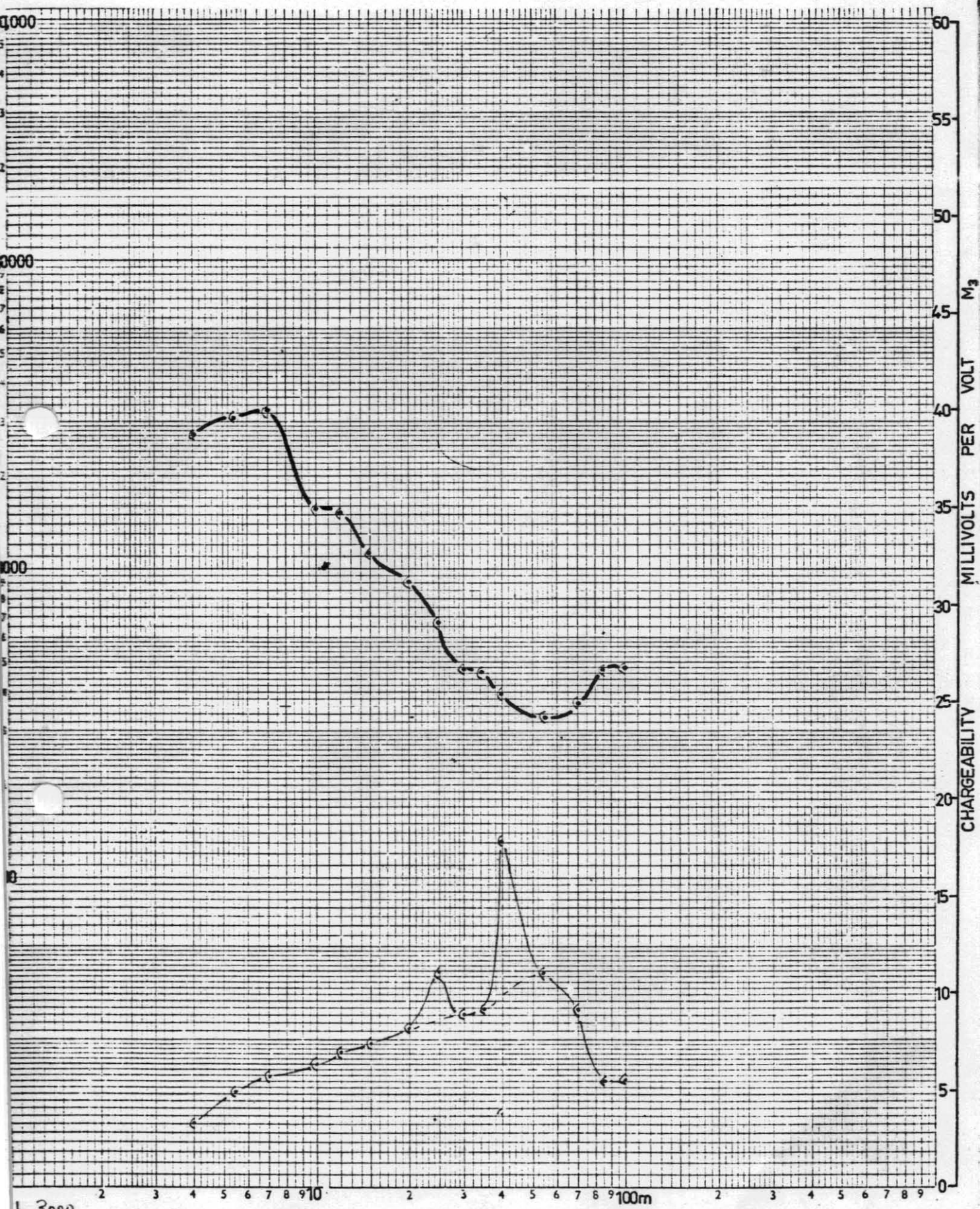
— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K2 DATE: 13/8/79
LOCATION: 45N 00E OPERATOR: DG Wet
BEARING: Scintrex

154

104170

5 cm



1 3000
2 330
R 6
IS 5
Z ?
C ?

Q. B

ANCHOR MINE LOTTAH GRID

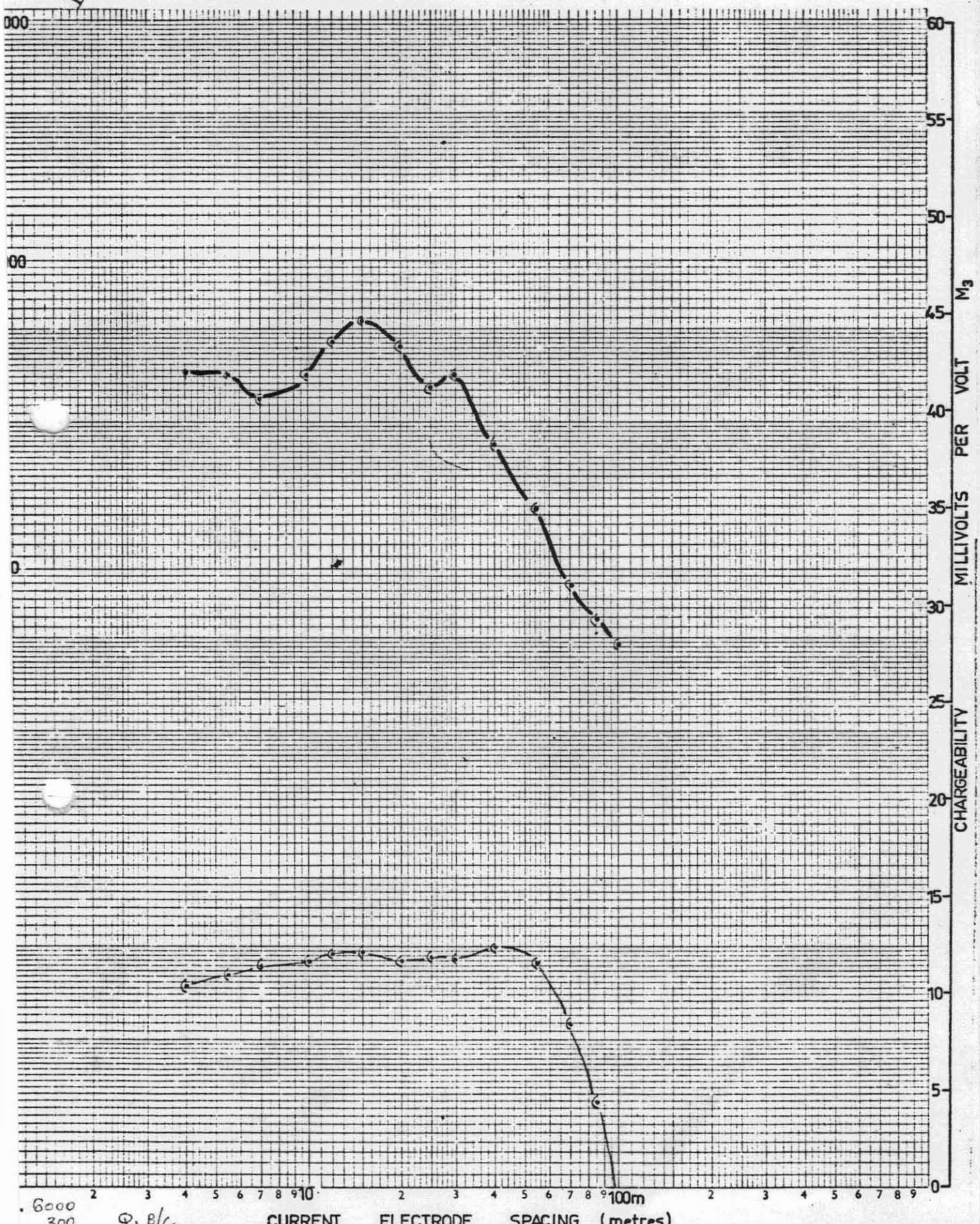
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K3 DATE : 14/8/79
LOCATION : 48N 60E OPERATOR : D. J. Webb
BEARING : ..... Scintrex.

155

104171

5 cm



. 6000
300
18
10
2. 14?
c. 2

Q. B/C

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

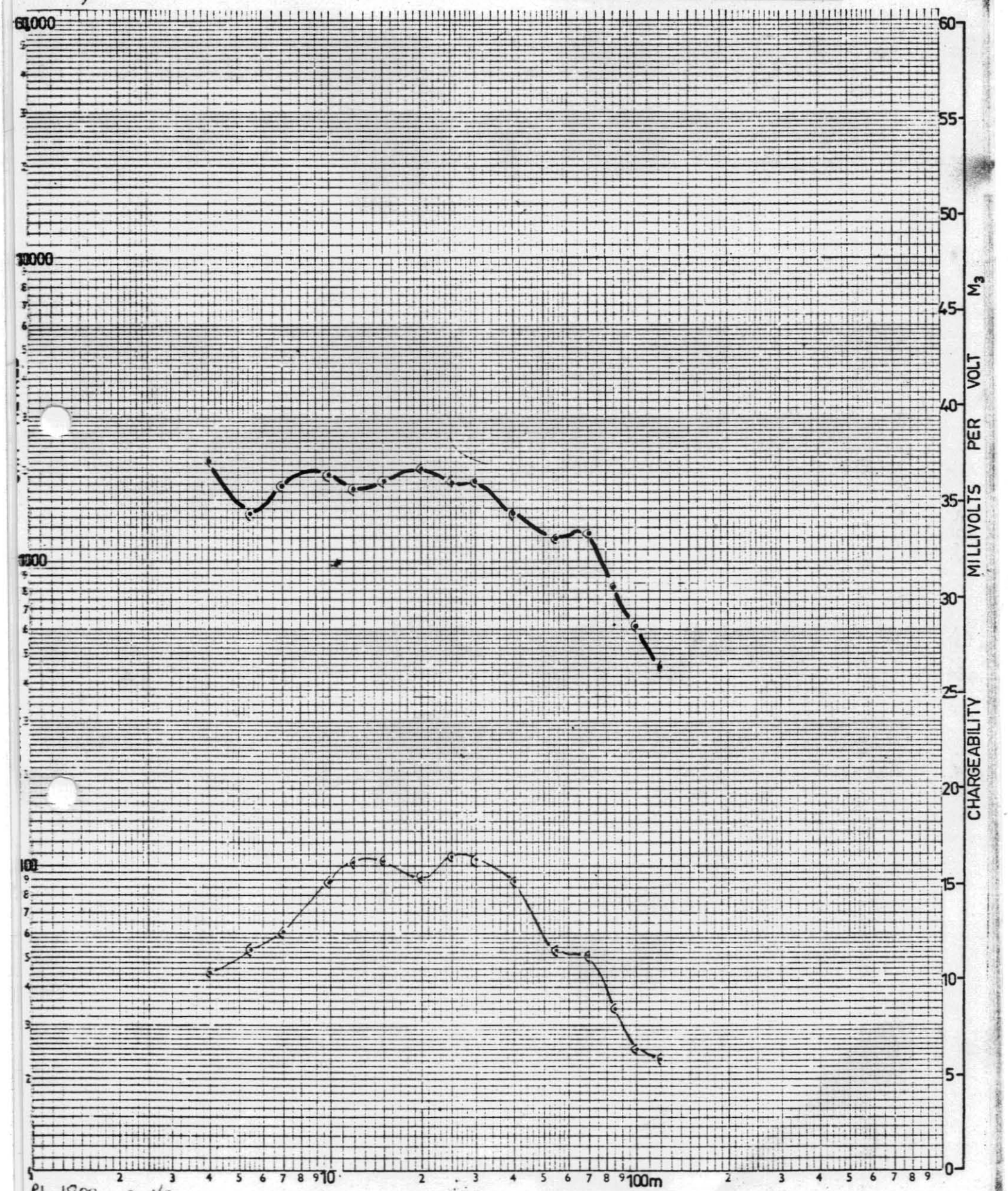
TEST Nº : K4 DATE : 4/8/79

LOCATION : SIN 00E OPERATOR: [illegible]

BEARING : ..... Santrex.

156

104172



R1. 1800
R2 180
DR 40
MS 10
M2 20
DC 3.5

Q. A/B.

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K5 DATE : 14/8/79

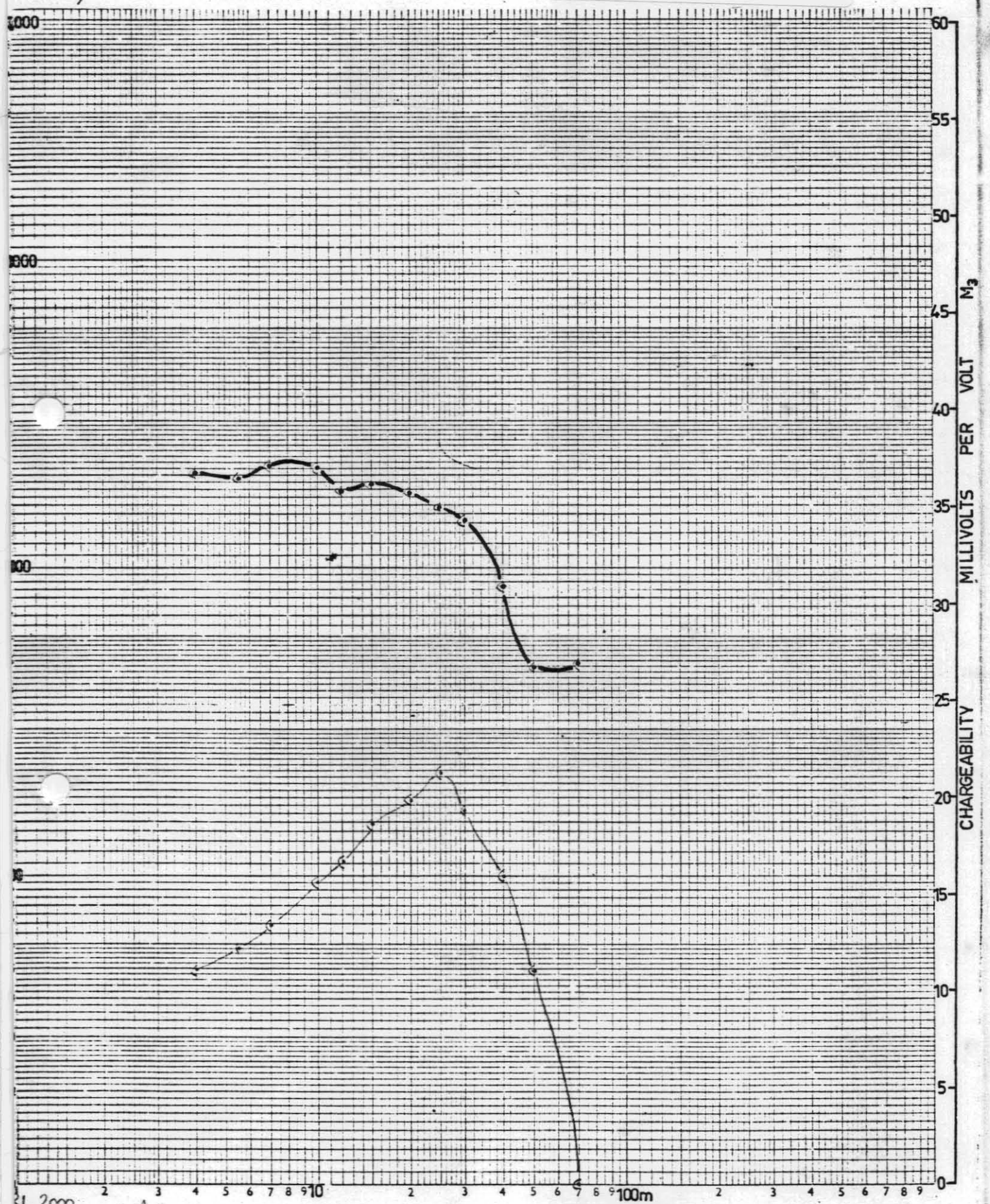
LOCATION: OPERATOR: D.J. Webb

BEARING: Scutrex

157

104173

5 cm



R1. 2000
R2. 150
DR. 20
MS 10
M2 25+
DC 4

Q. A.

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K6 DATE: 15/8/79

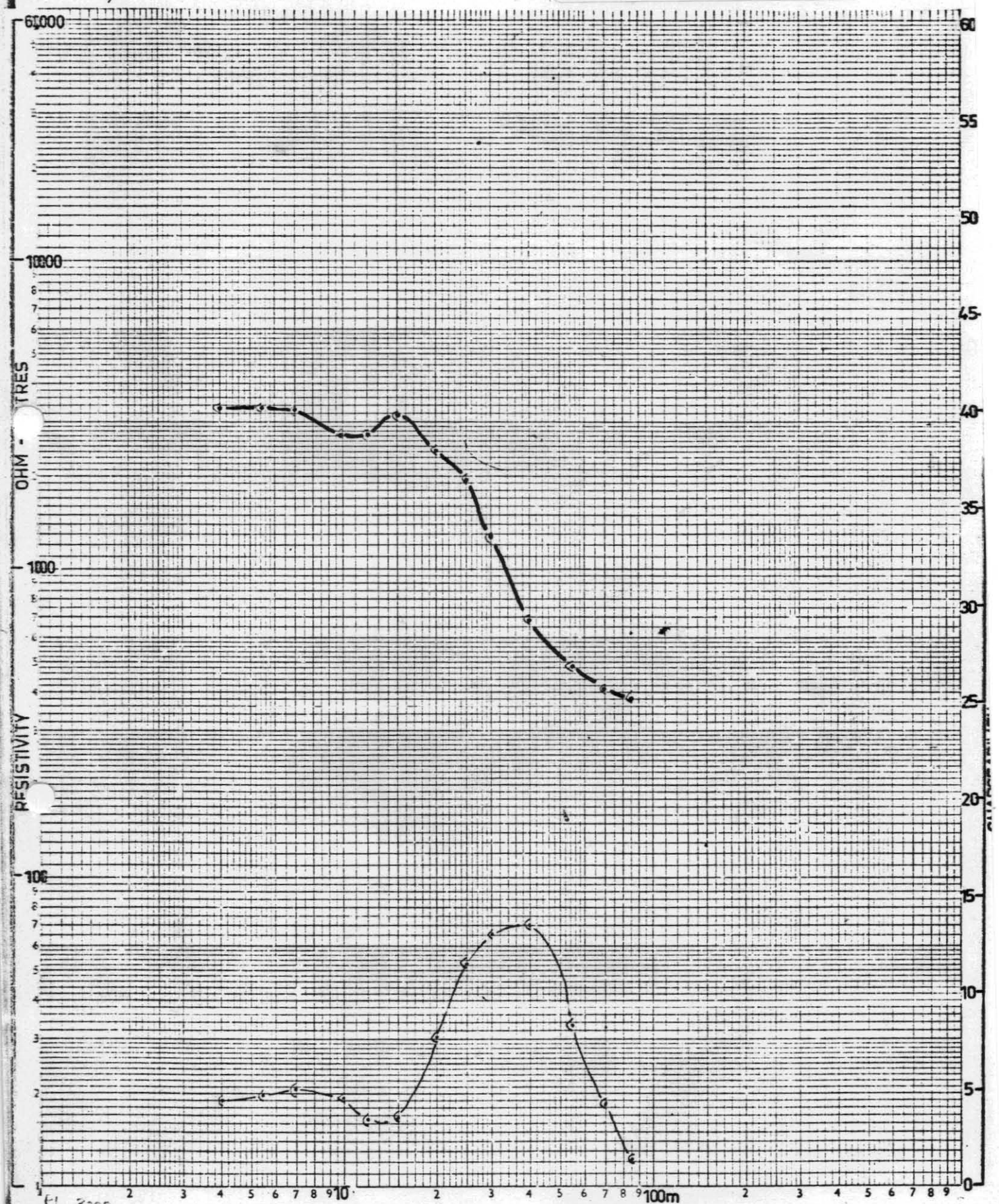
LOCATION: OPERATOR: [illegible] Scintrex.

BEARING:

158

104174

5 cm



Bl. 3000
R2. 150
DP 15
MS 4
M2 20
DC 7

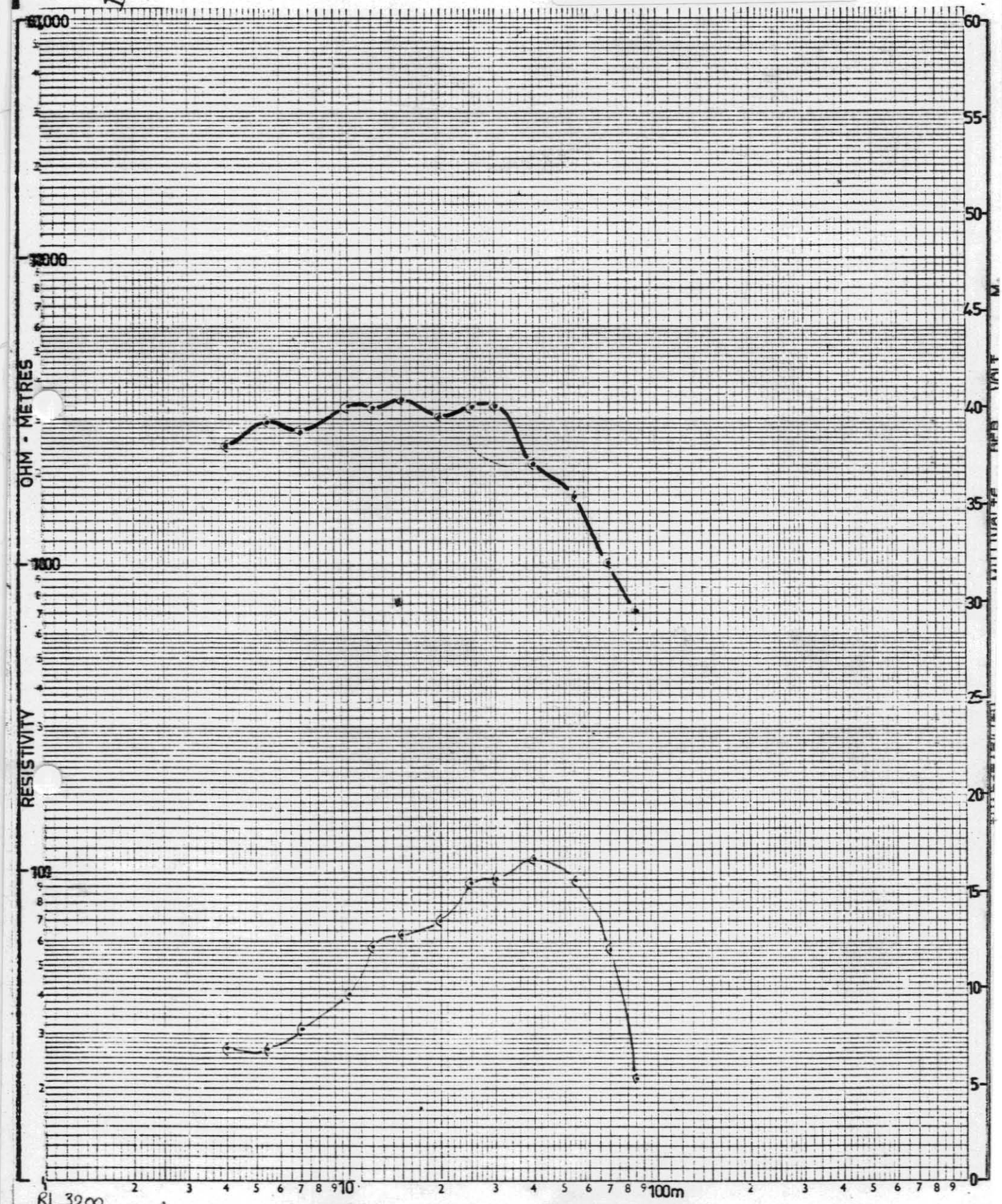
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K7 DATE : 15.6.79
LOCATION : OPERATOR: D.J. Webb
BEARING : Scintrex.

159

104175

5 cm



RI. 3200
R2 170
DR 20
MS 8
M2 20

Q. A.

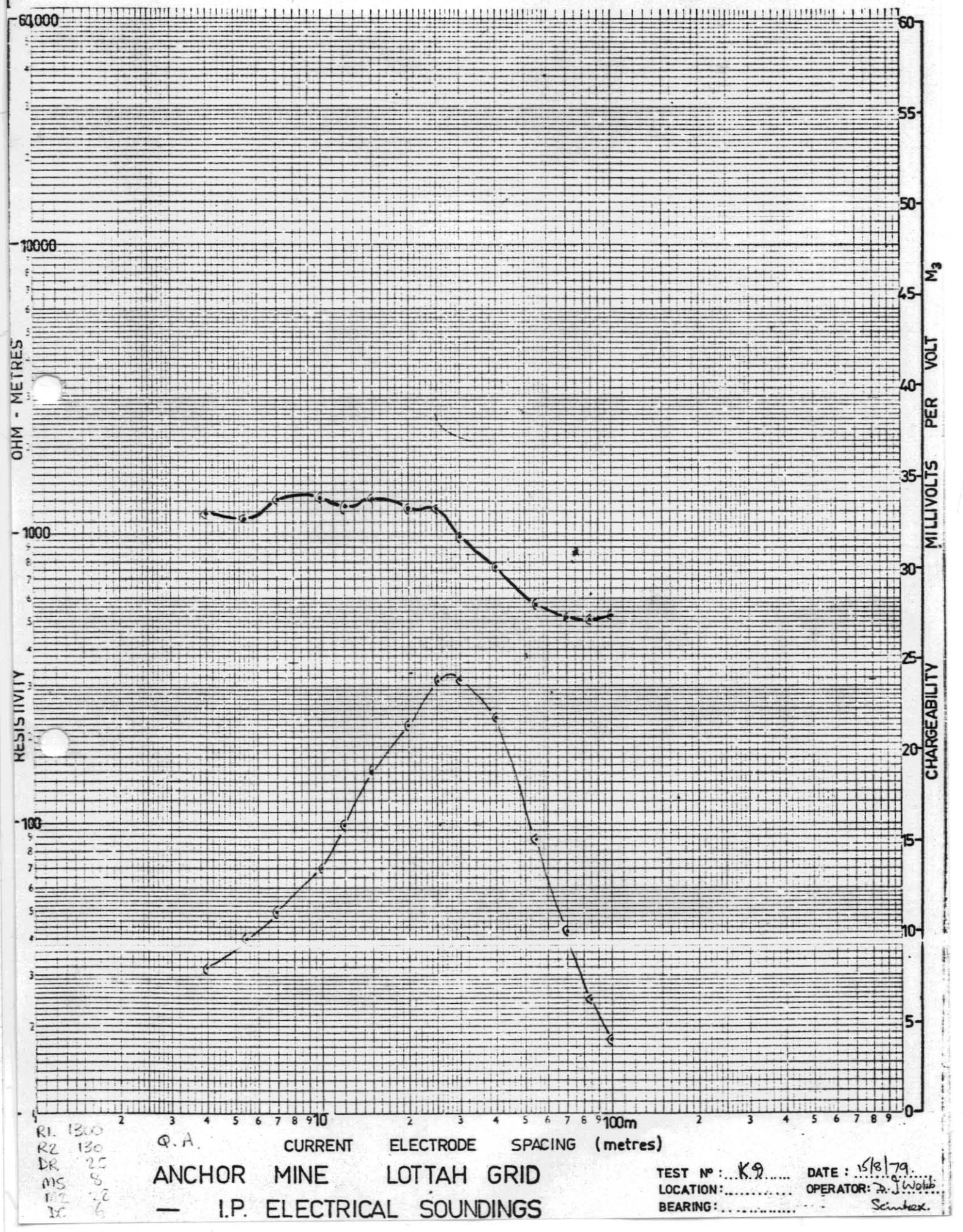
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : KB ..... DATE : 15/6/79
LOCATION: .....
BEARING: .....

160

104176

5 cm



R1. 1300
R2 130
DR 25
MS 5
M2 .2
IC 6

Q.A.

CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K9 DATE : 15/8/79

LOCATION : .....

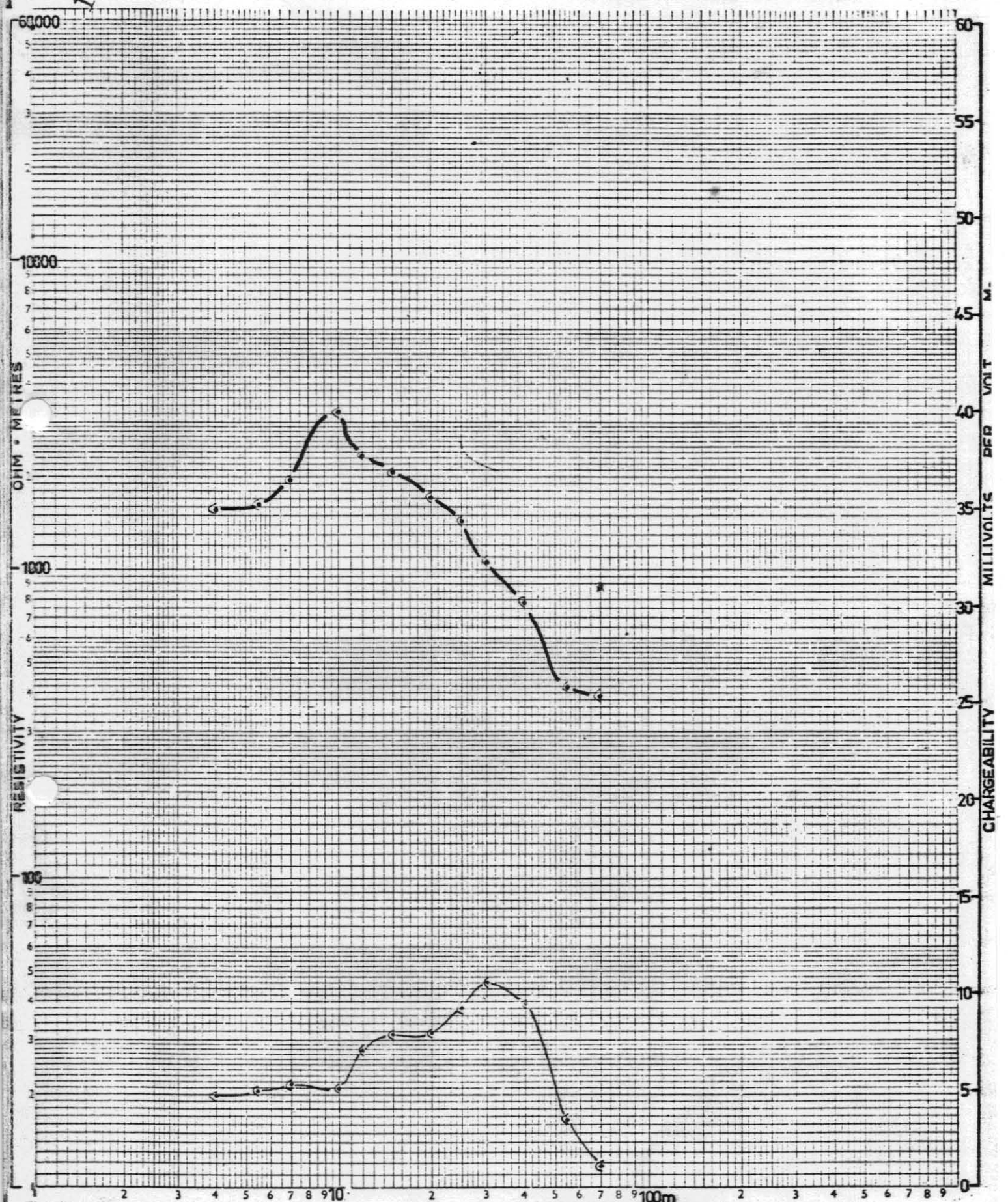
BEARING : .....

OPERATOR: D. J Wolfe Scintrex.

104177

161

5 cm



Q. B.

M1 240
M2 420
BK 15
MS 5
M2 14
MS 5

ANCHOR MINE LOTTAH GRID

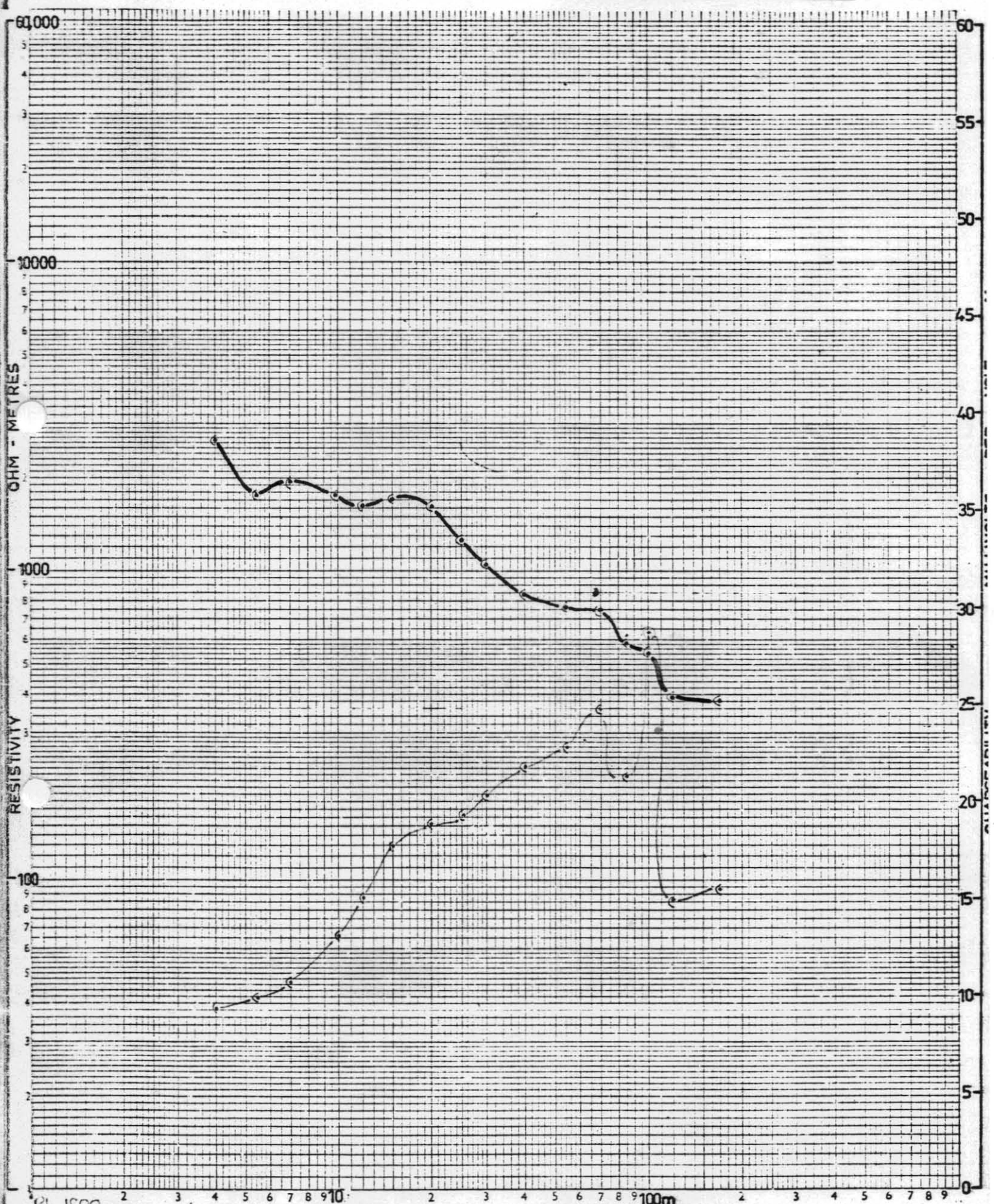
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K10 DATE : 16/6/79
LOCATION: ..... OPERATOR: D.J. Webb.
BEARING: ..... Southern.

162

104178

5 cm



Rl. 1000
R2 600
DR 12
MS 9
M2 25
DC 5

Q. A/B

CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K11 DATE : 16/8/79

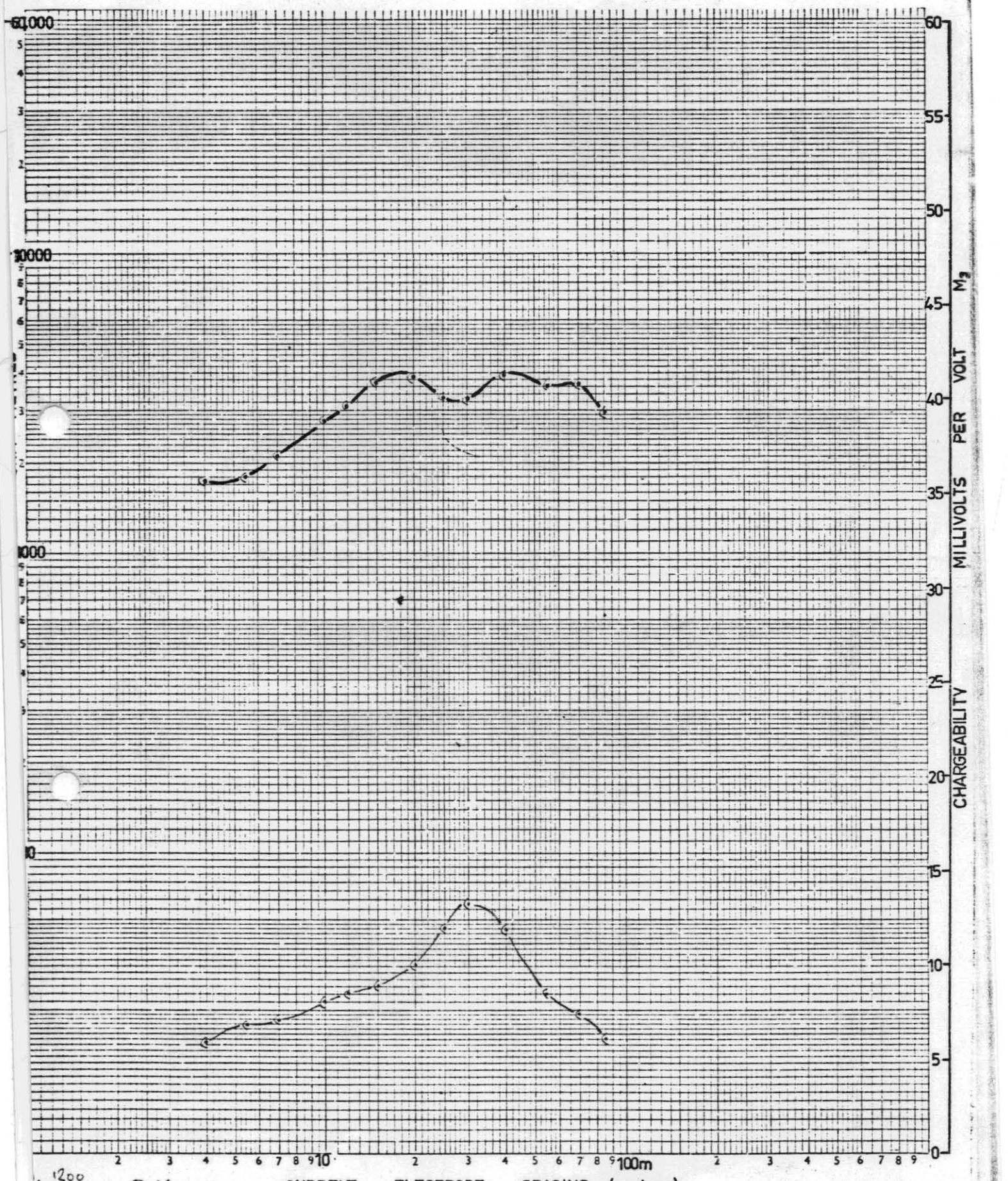
LOCATION: .....

BEARING: .....

OPERATOR: D.G. Webb
Scintrex

163

104179



. 1200
4000
R 8
S 6
12 18
5

Q. X

CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K 12 DATE : 16/8/79

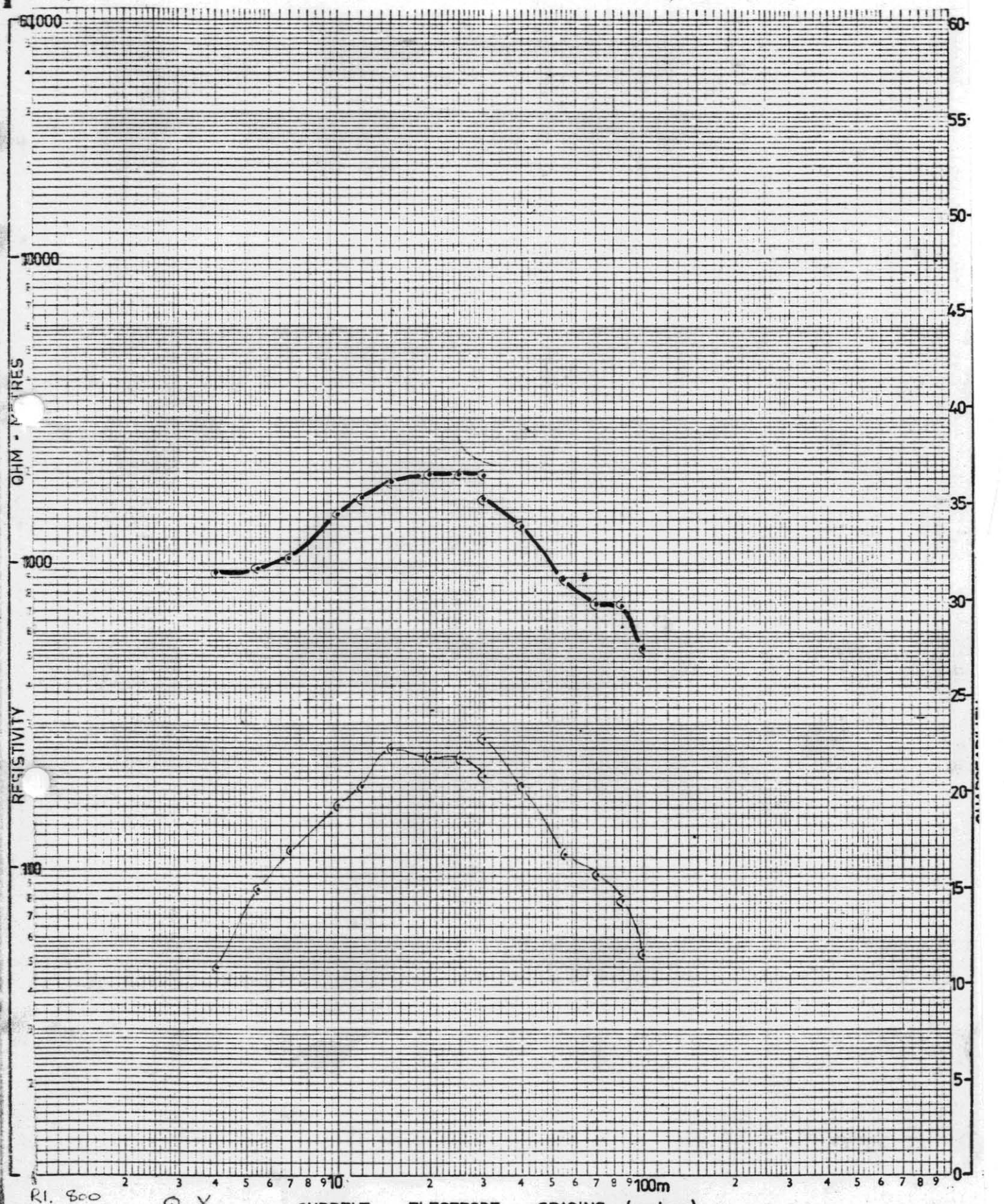
LOCATION: OPERATOR: D. J. Webb

BEARING: Scintrex

164

104180

5 cm



R1. 800
R2 2000
DR 10
MS 10
M2 25
DC ?

Q. X.

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K13 DATE : 16/8/79-17/8/

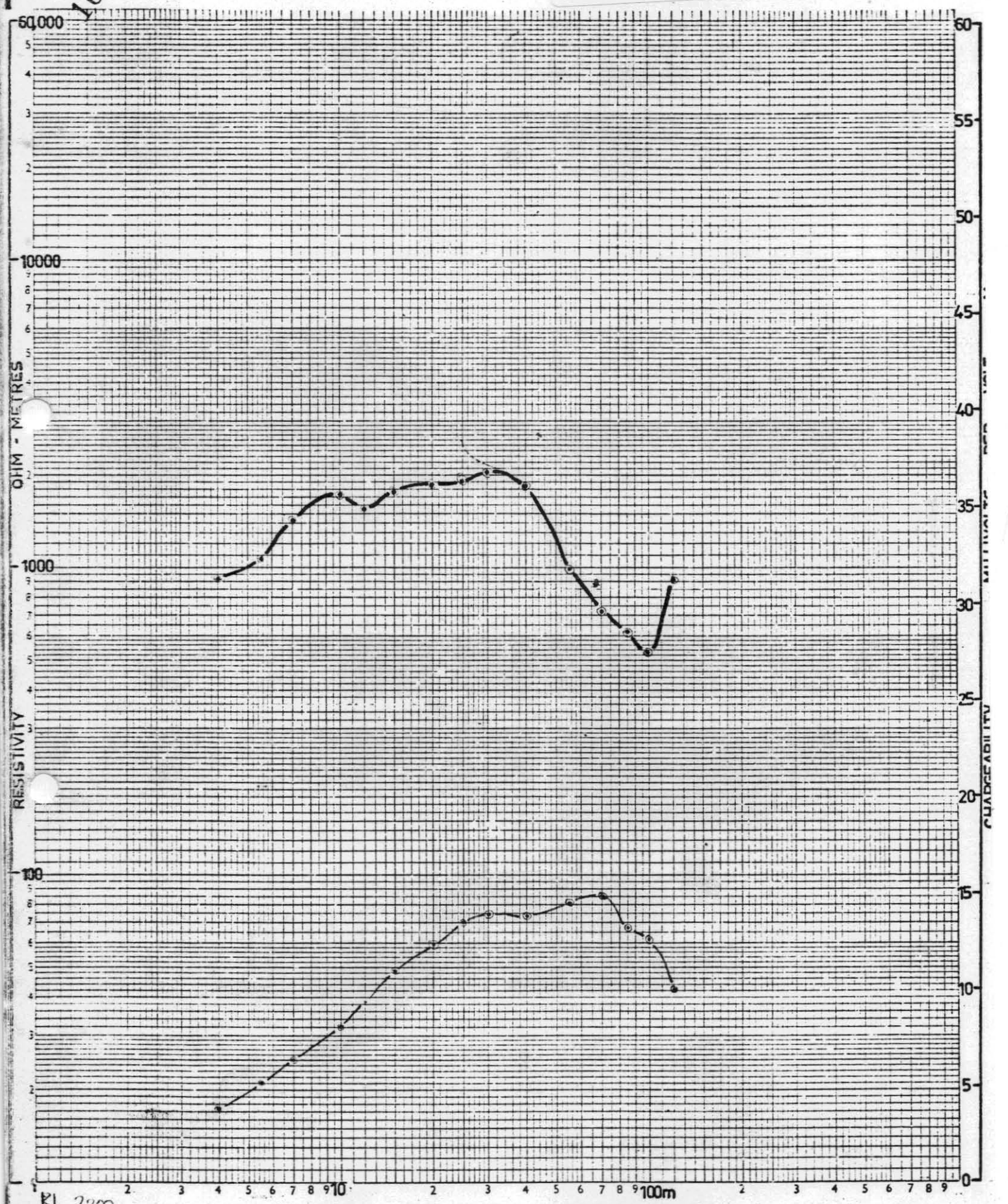
LOCATION : 410N. 690E OPERATOR: .....

BEARING: .....

104181

165

5 cm



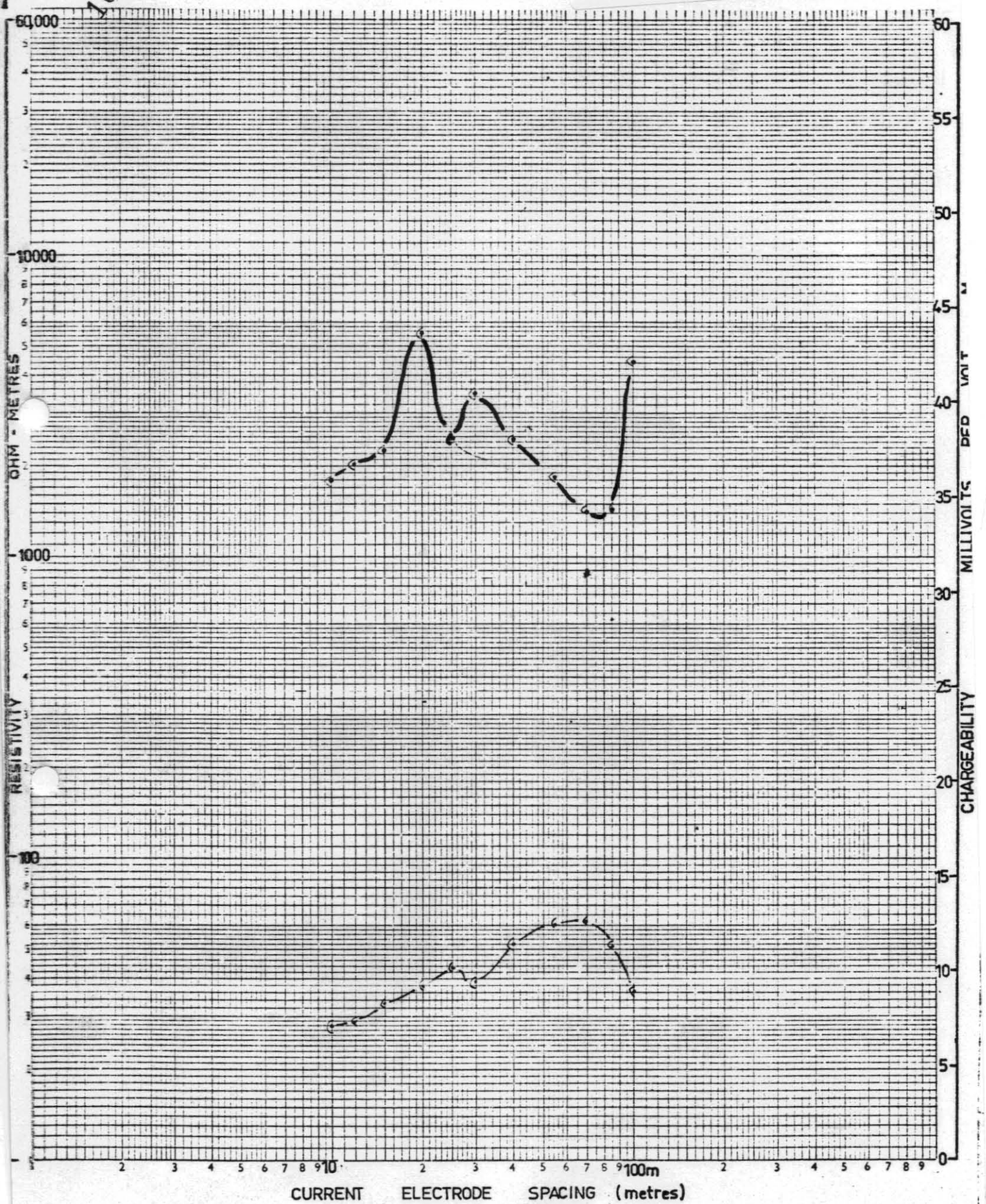
K1. 2200
K2 100
DP 36
MS 4
AM2 18
DC 4

ANCHOR MINE LOTTAH GRID — I.P. ELECTRICAL SOUNDINGS

TEST Nº : K14 DATE : 17-8-79
LOCATION: ..... OPERATOR: D.J. Webb Scintrex
BEARING: .....

166

104182



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K15(8) DATE: 18/8/79

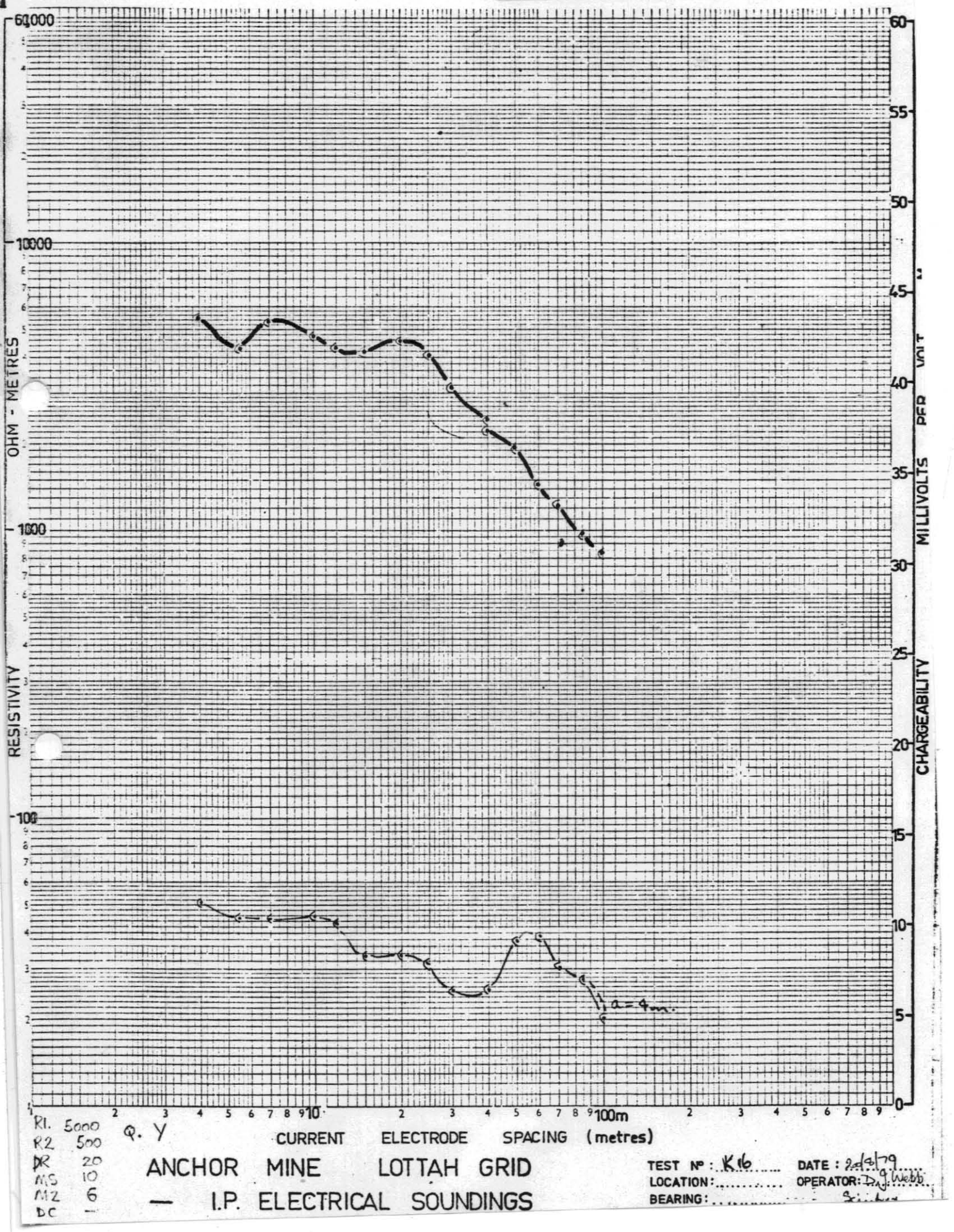
LOCATION: OPERATOR: D.G. Webb

BEARING: Saitree

167

104183

5 cm



RI. 5000
R2 500
DR 20
MS 10
MZ 6
DC —

Q. Y

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

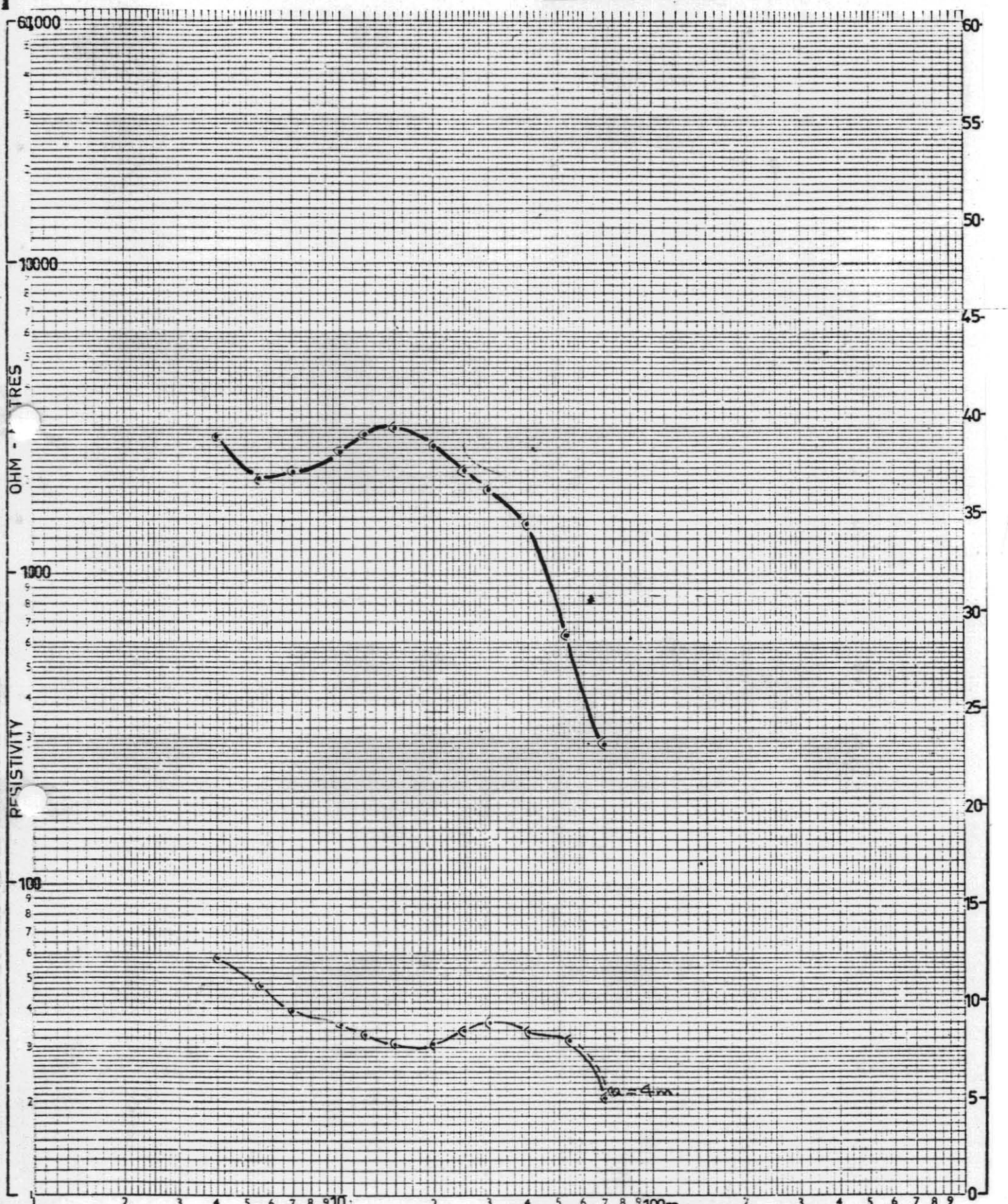
TEST Nº : K16 DATE : 2/8/79

LOCATION: OPERATOR: D.J. Webb

BEARING: Sinbad

168

104184



R1. 3000
R2. 100
DR 20
MS 8
M2 8
DC –

Q. Y

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

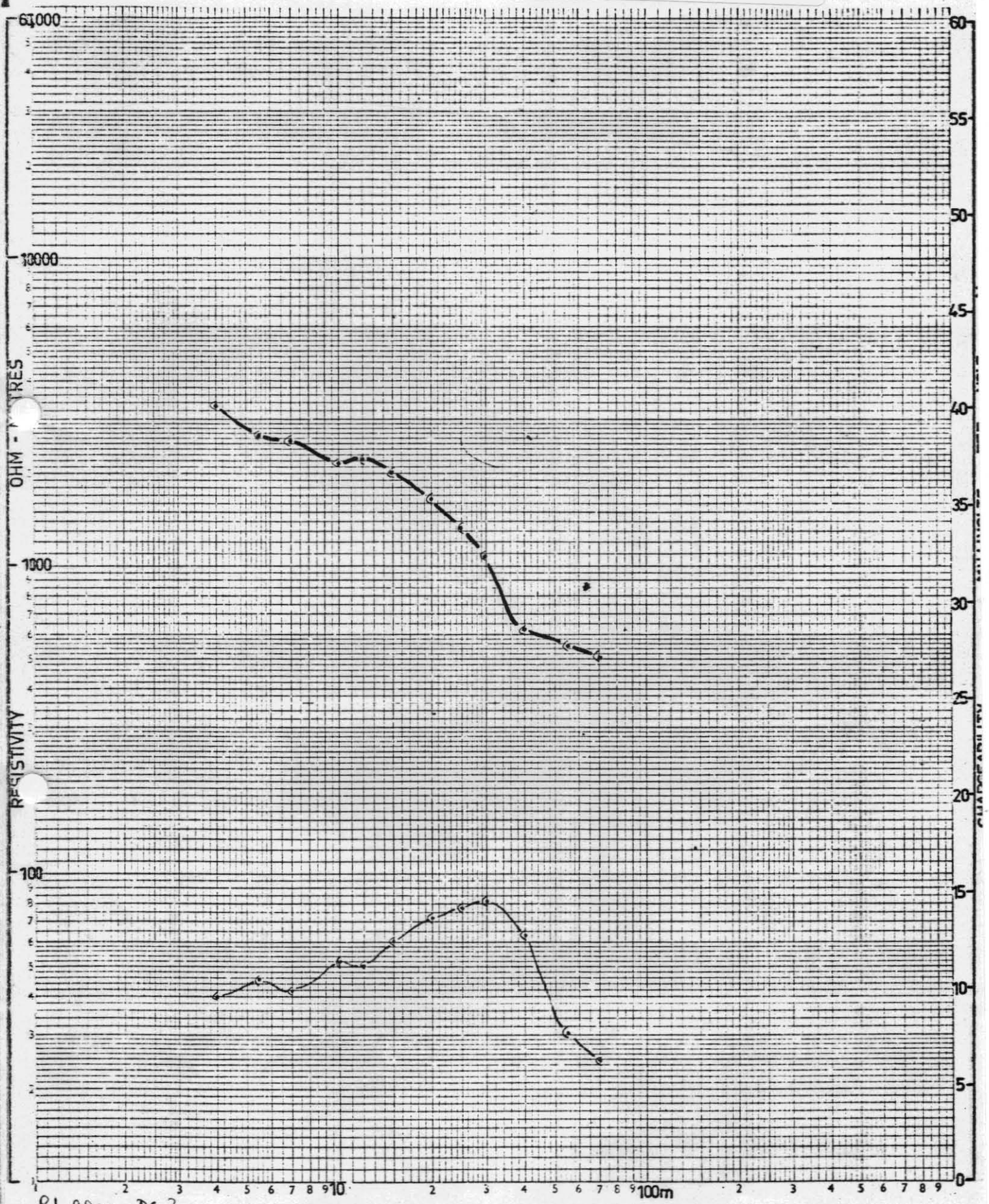
TEST Nº : K17 DATE : 20/8/79

LOCATION: OPERATOR: D.J. Wet

BEARING: Santree

169

104185

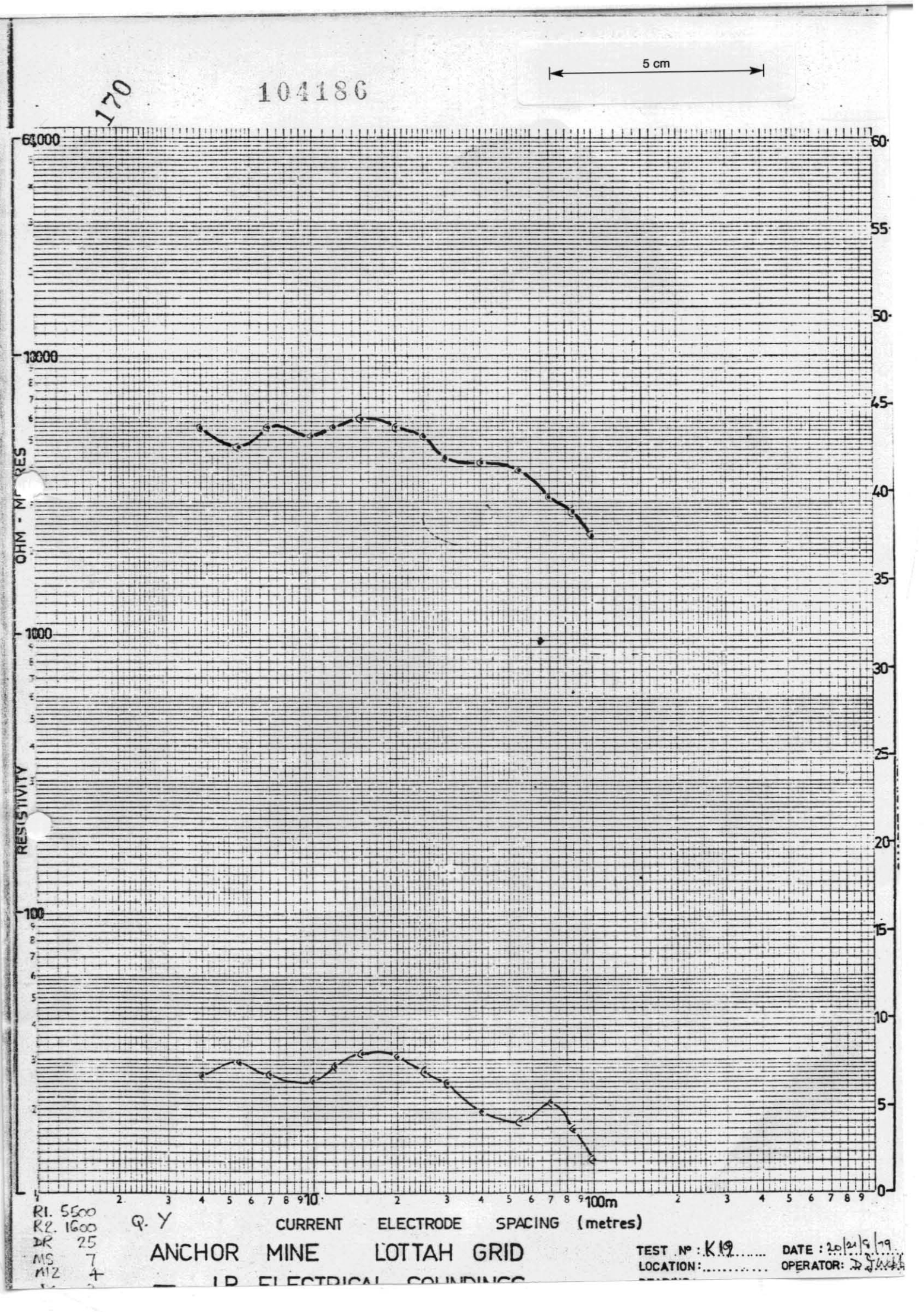


R1 2200 DC ?
R2 100 Q.C.
DR 15
MS 10
M2 1E ?

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

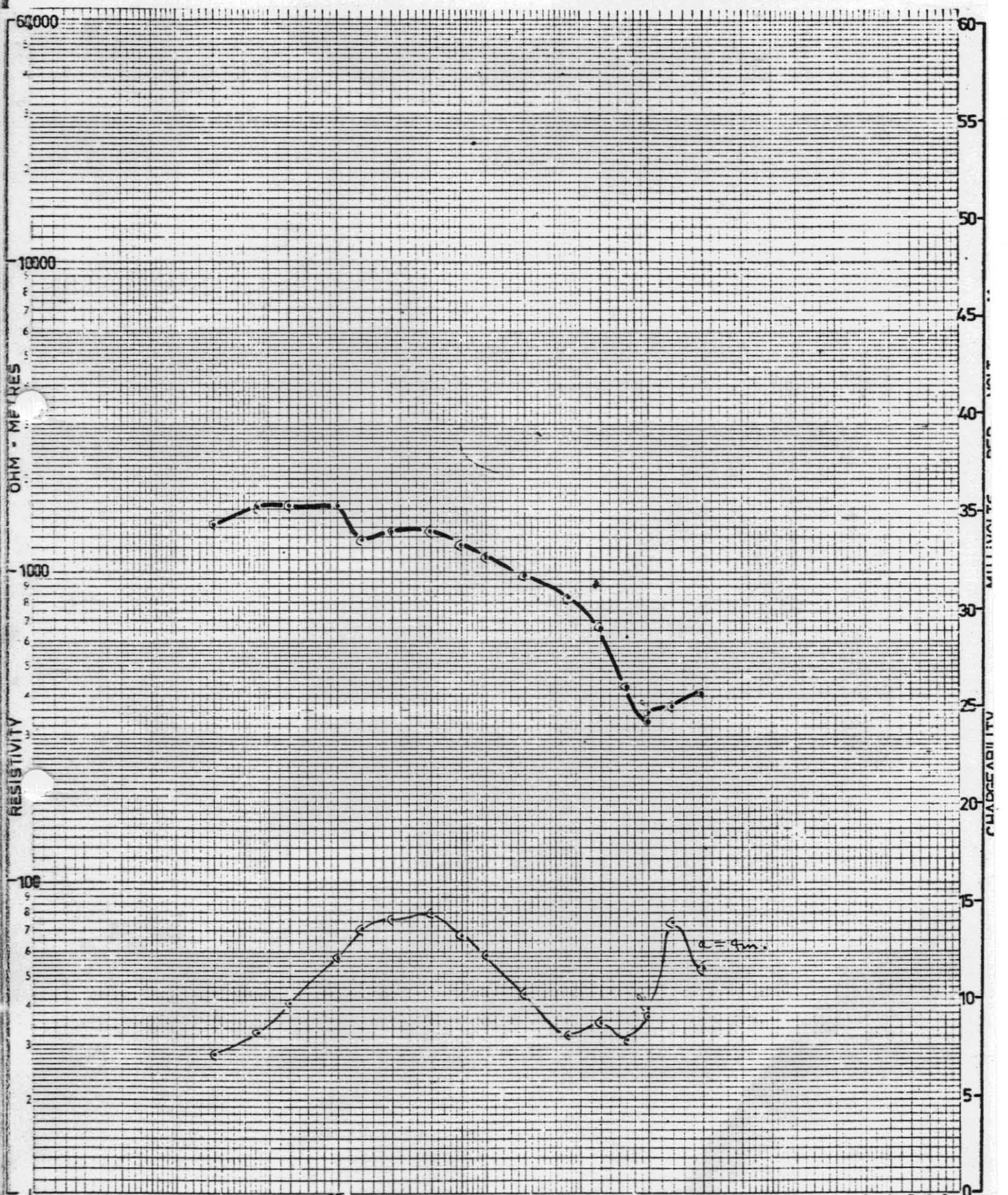
TEST Nº : K18 DATE : 20/8/79
LOCATION: OPERATOR: D. Gibbs
BEARING: Scintrex


5 cm
170
104186
64000
13000
1000
100
OHM - METRES
RESISTIVITY
60
55
50
45
40
35
30
25
20
15
10
5
0
2 3 4 5 6 7 8 9 10
2 3 4 5 6 7 8 9 100m
2 3 4 5 6 7 8 9
CURRENT ELECTRODE SPACING (metres)
R1. 5500
R2. 1600
DR 25
MS 7
MI2 4
Q. Y
ANCHOR MINE LOTTAH GRID
TEST Nº : K19
LOCATION:
DATE : 20/21/9/79
OPERATOR:

171

104187

5 cm



R1. 1300
R2. 50
DR 30
MS 7
M2 18

Q. C

ANCHOR MINE LOTTAH GRID

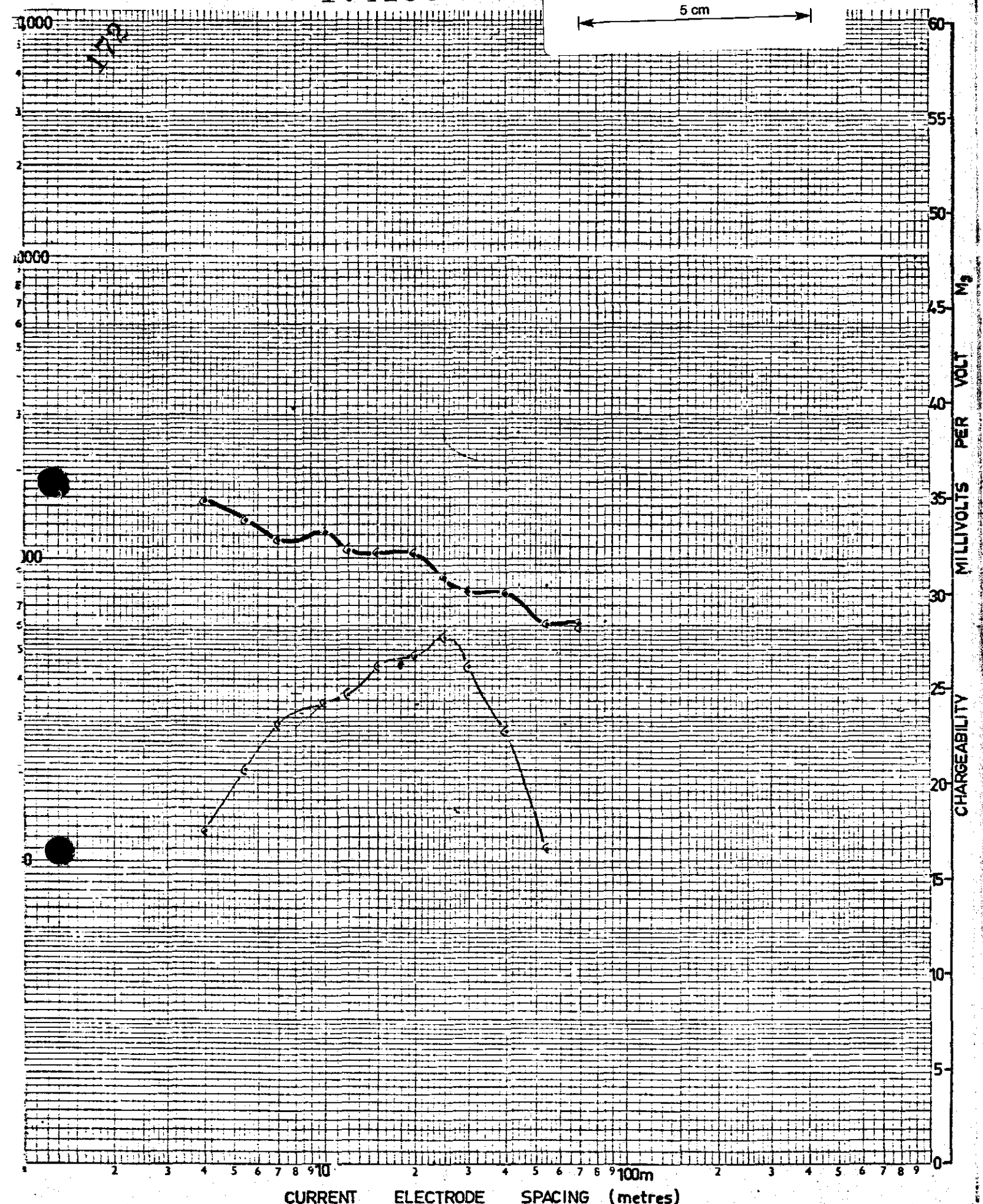
I.P. ELECTRICAL SOUNDINGS

TEST Nº : K20 DATE : 21/8/79

LOCATION : OPERATOR : J.G. Webb

BEARING : Scintrex

104188



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K21 DATE : 21/5/79

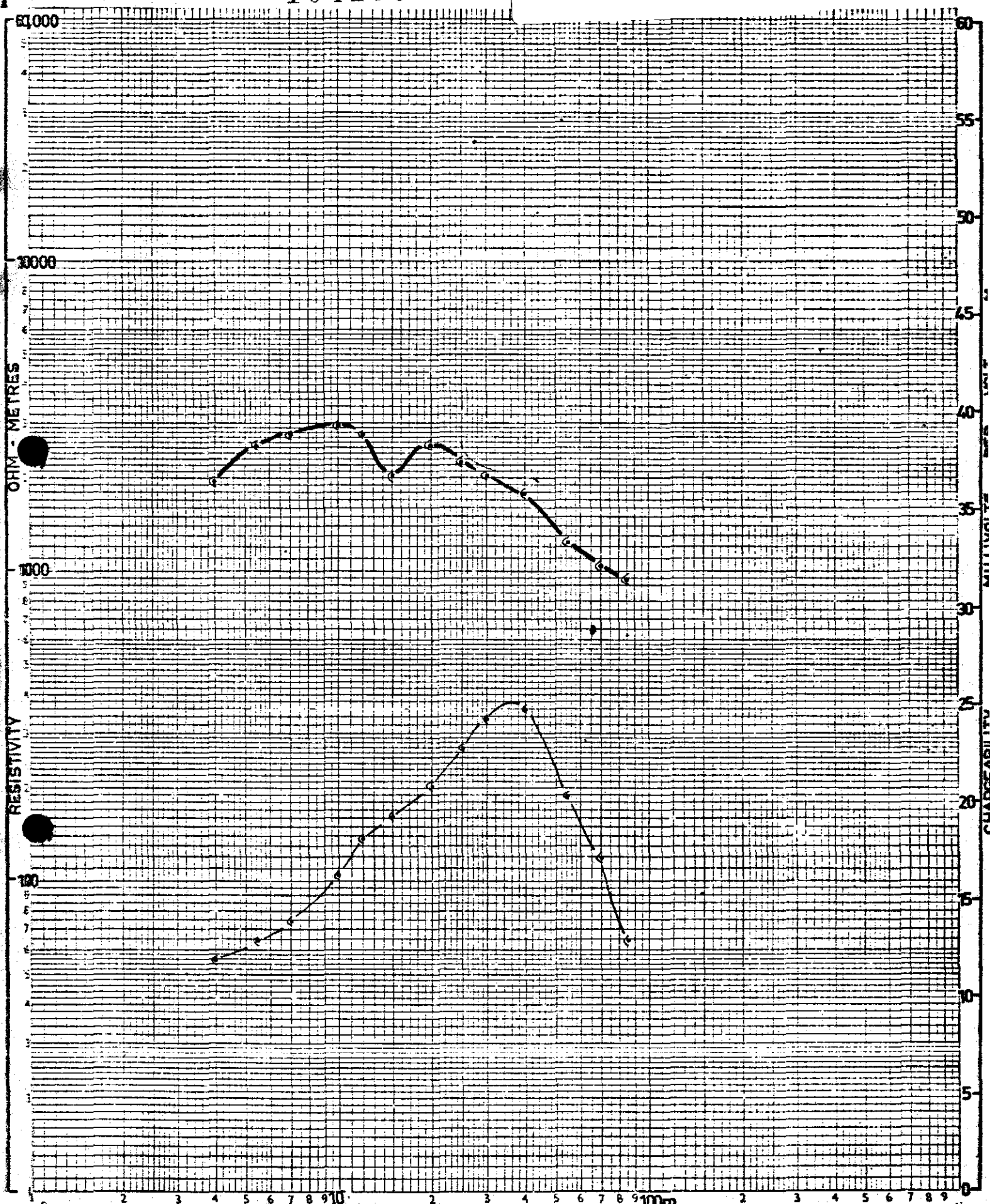
LOCATION : DDH 66 OPERATOR : J. Webb

BEARING : Scintrex

173

104189

5 cm



R1. 3000 DC 4
R2. 750 Q. A.
DR 20
MS 12
M2 4+

ANCHOR MINE LOTTAH GRID

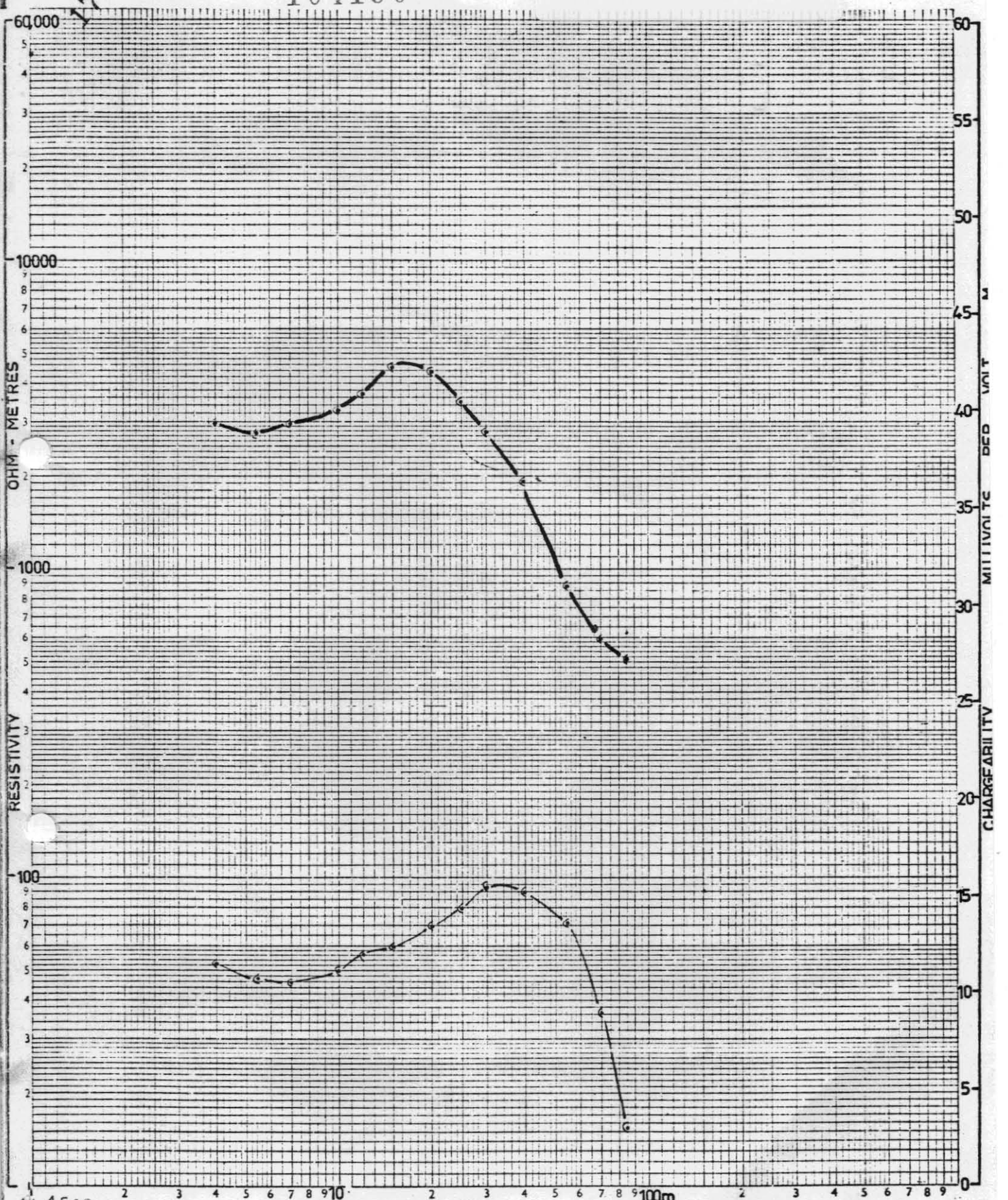
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K 22 DATE : 21/22/6/79
LOCATION : 57N 40RE OPERATOR : D. G. [illegible] Scintrex
BEARING : .....

104190

174

5 cm



K1 4500
K2 200
DR 17
MS 15
M2 2.5+
DE 2

Q. A/B

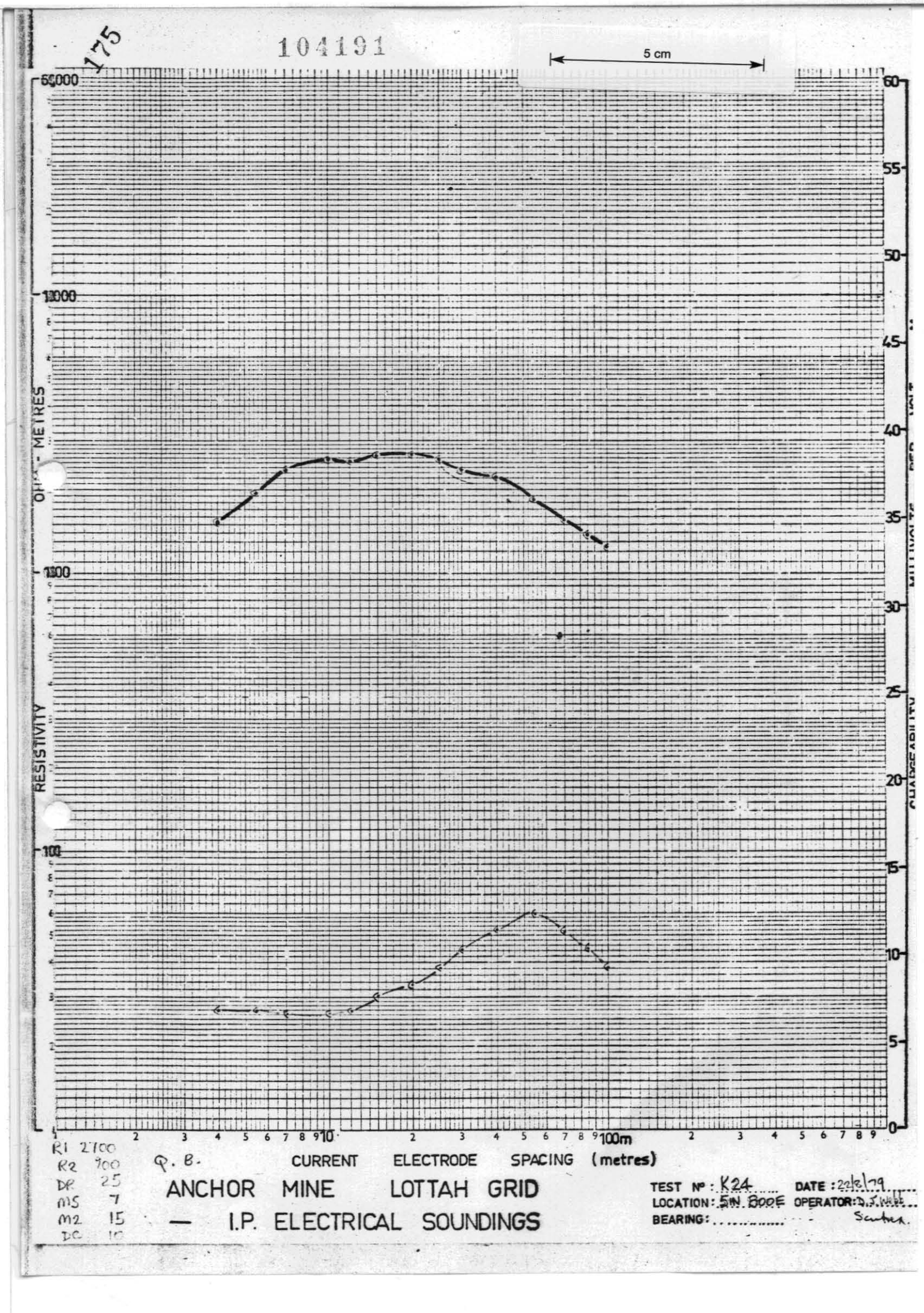
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K23 DATE : 22/8/74
LOCATION : 54N. 500E OPERATOR : D. J. Webb
BEARING : ..... Scintrex

175

104191



R1 2700
R2 900
DP 25
MS 7
M2 15
DC 10

Q. B.

ANCHOR MINE LOTTAH GRID

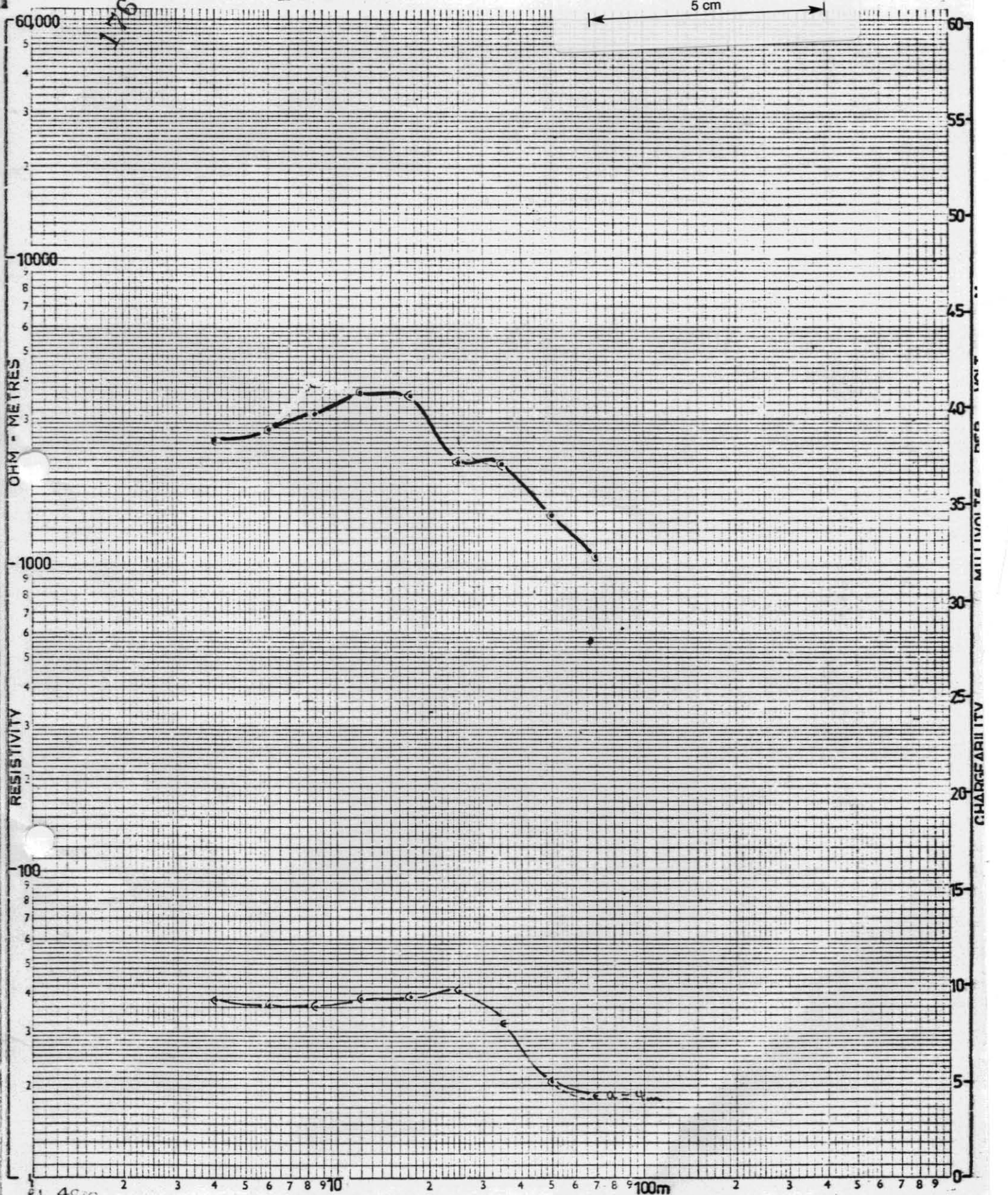
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K24 DATE : 22/8/79

LOCATION : 5N. 800E OPERATOR : D.J. Webb

BEARING : ..... Scintrex.

104192



R1 4800
R2 480
DR 19
MS 7
M2 4
DR

Q. Y

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

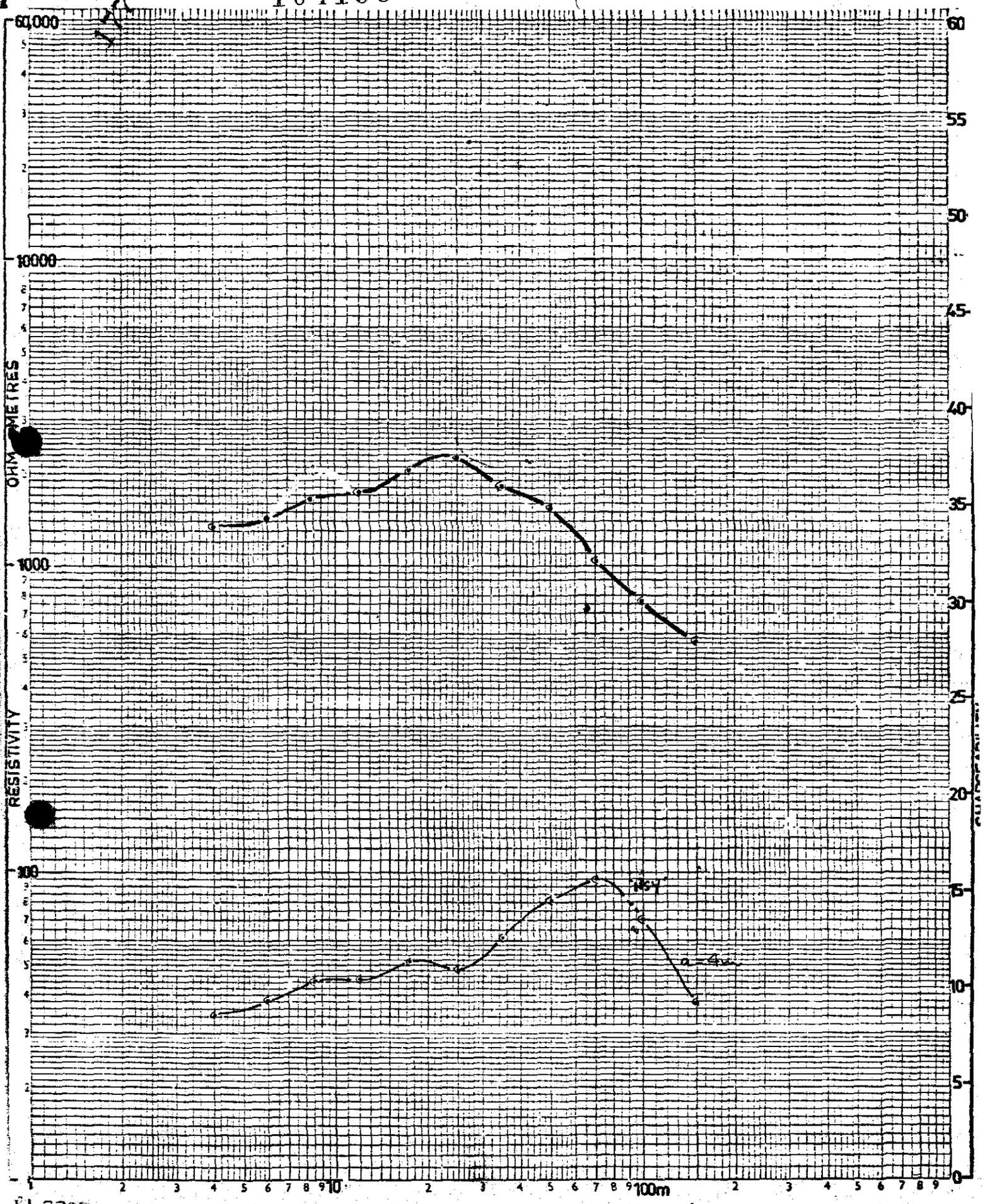
TEST Nº : K25 DATE : 23/8/79.

LOCATION: OPERATOR:

BEARING:

104193

5 cm



R1 2200
R2 390
DR 32
MS 11
M2 18+
DC 14

Q. B.

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K26 DATE : 23/8/79

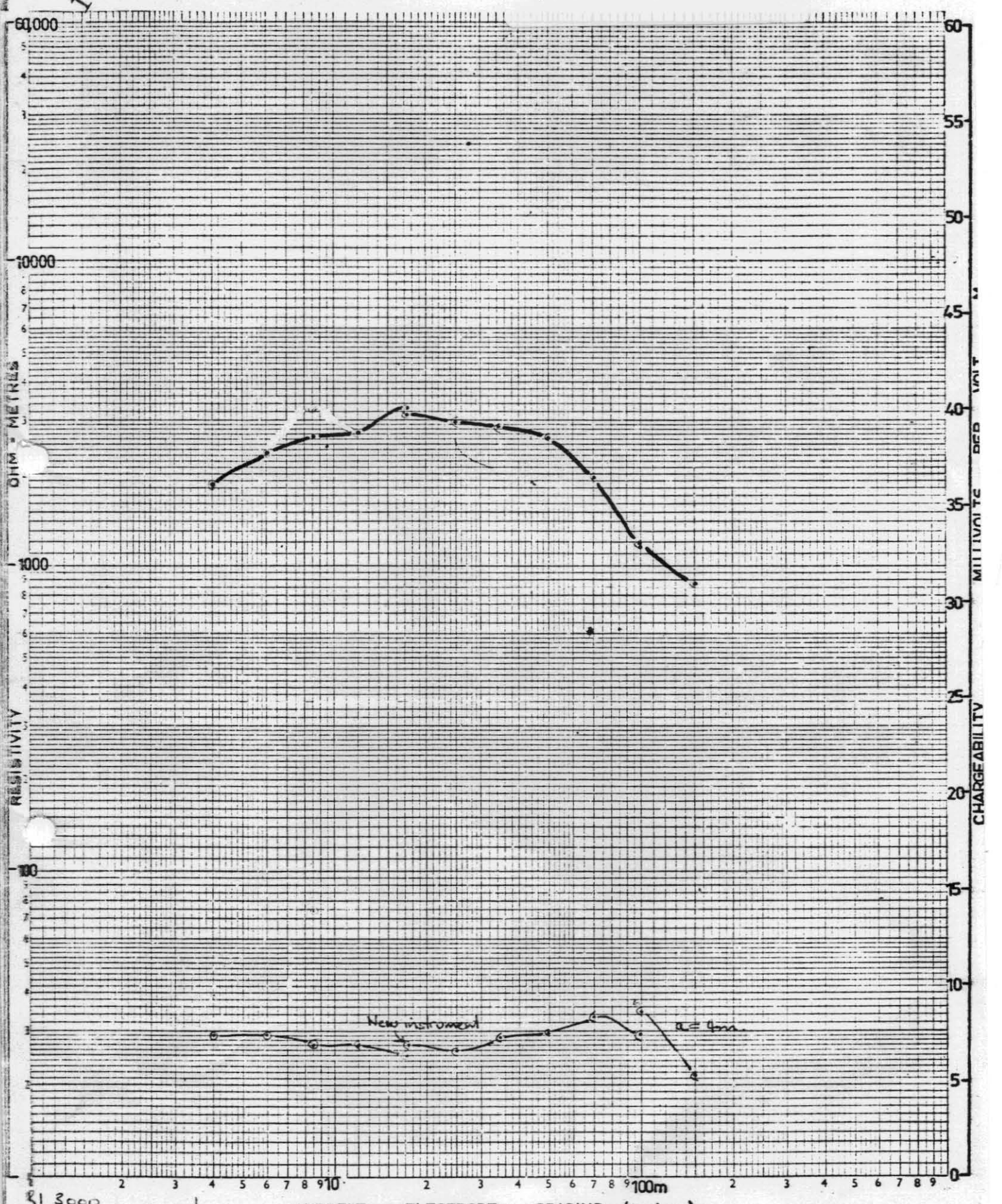
LOCATION : 48N 152E OPERATOR : D.J. Webb Scintrex

BEARING : .....

178

104194

5 cm



R1 3000
R2 300
QR 44
MS 6.7
M2 14+
DC 20

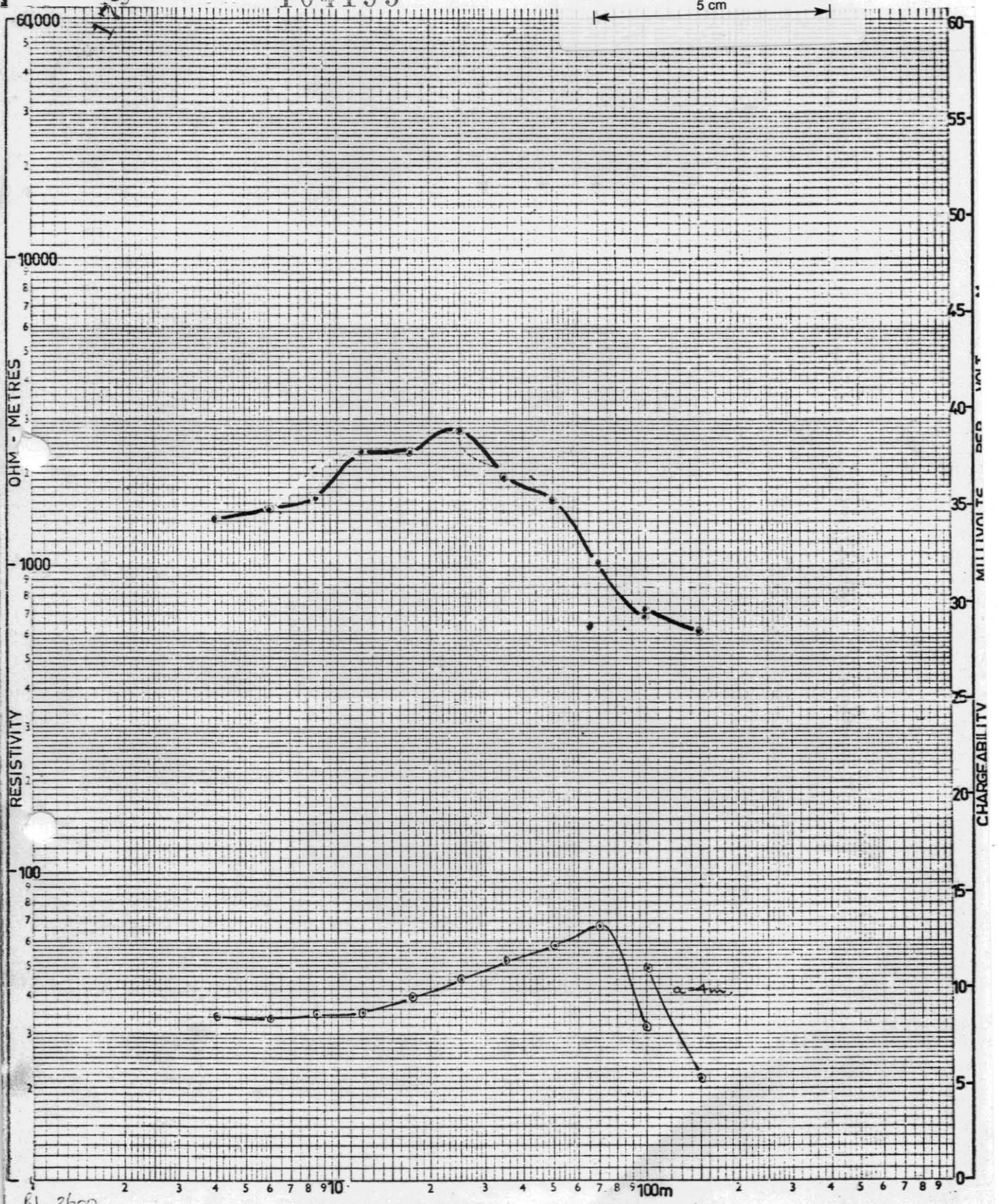
Q. B/C

CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K27 DATE : 23/8/79
LOCATION : 48N 1200E OPERATOR : J. Webb
BEARING : ..... Scintrex

104195



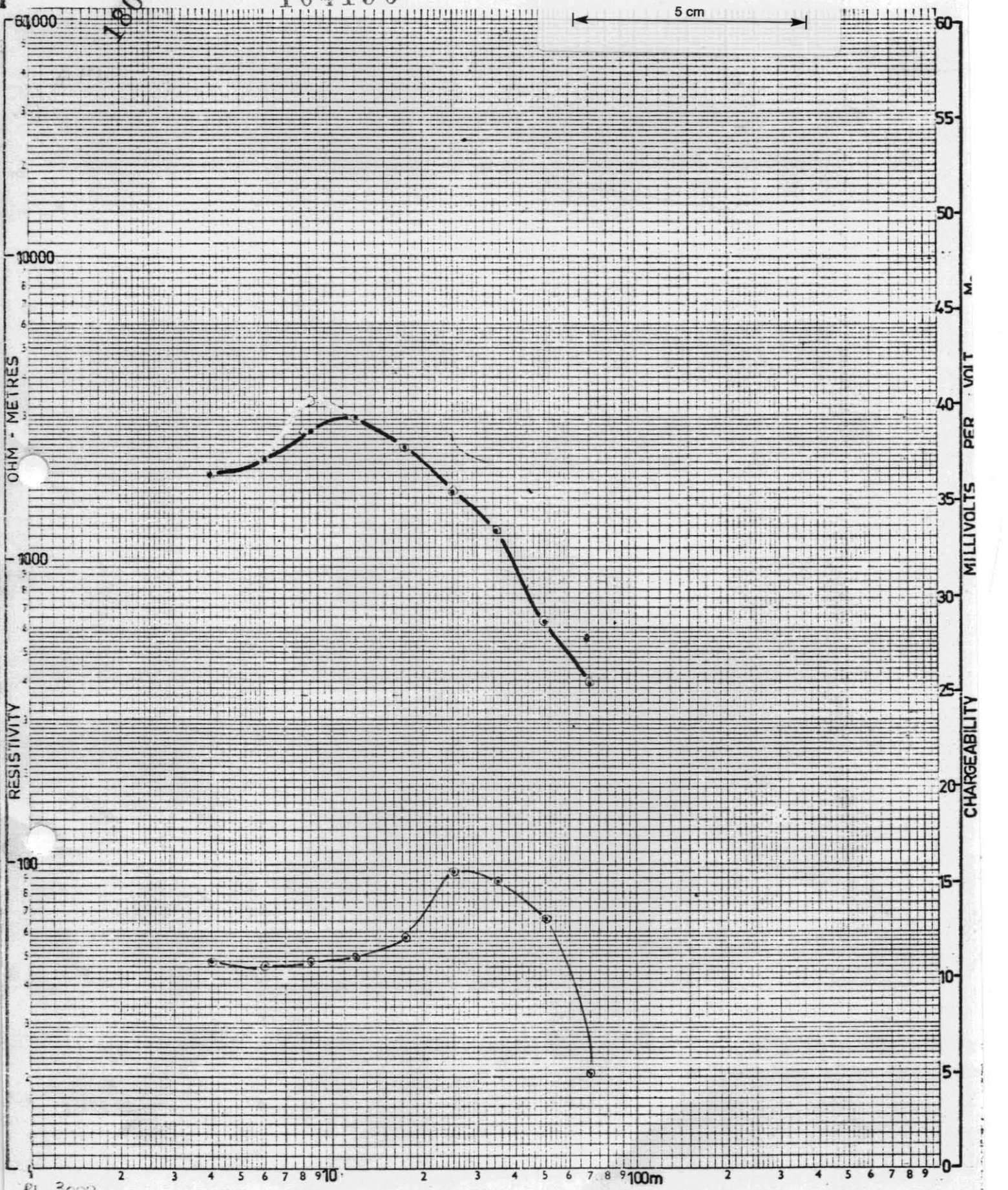
R1. 2600
R2 460
DR 26
MS 8.8
M2 15+
DC 2

Q. B

ANCHOR MINE LOTTAH GRID — I.P. ELECTRICAL SOUNDINGS

TEST Nº : K28 DATE : 23/24/8/79
LOCATION : 45N. 1800E OPERATOR : D.J. Webb
BEARING : .....

104196



RI. 3000
RZ. 150
DR. 19
MS. 11.2
MZ 18+
DC 3

Q. 8

ANCHOR MINE LOTTAH GRID

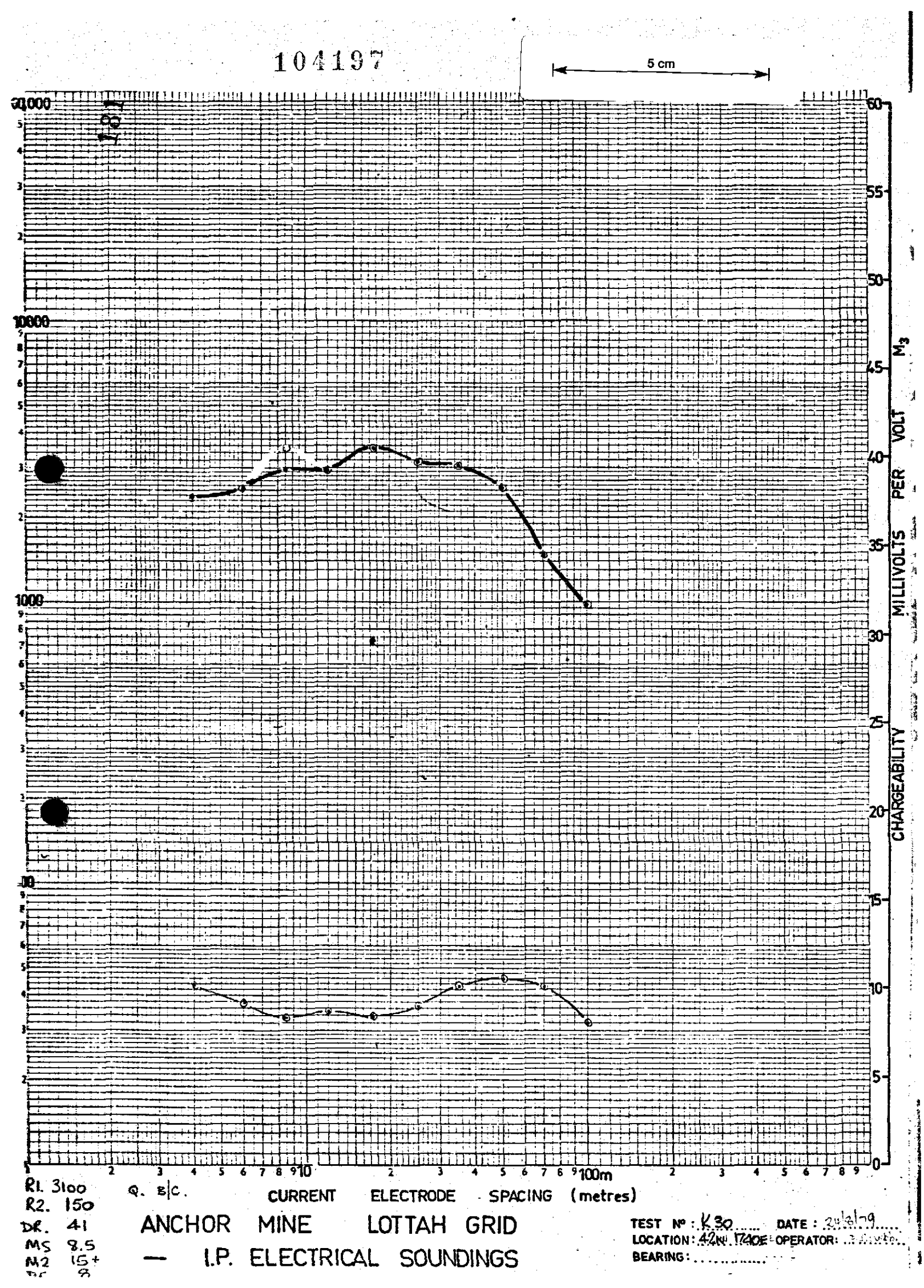
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K29 DATE : 24/8/79

LOCATION : 45N 1500E OPERATOR : D.J. Webb Scintrex

BEARING : .....

104197



R1. 3100
R2. 150
DR. 41
MS 8.5
M2 15+

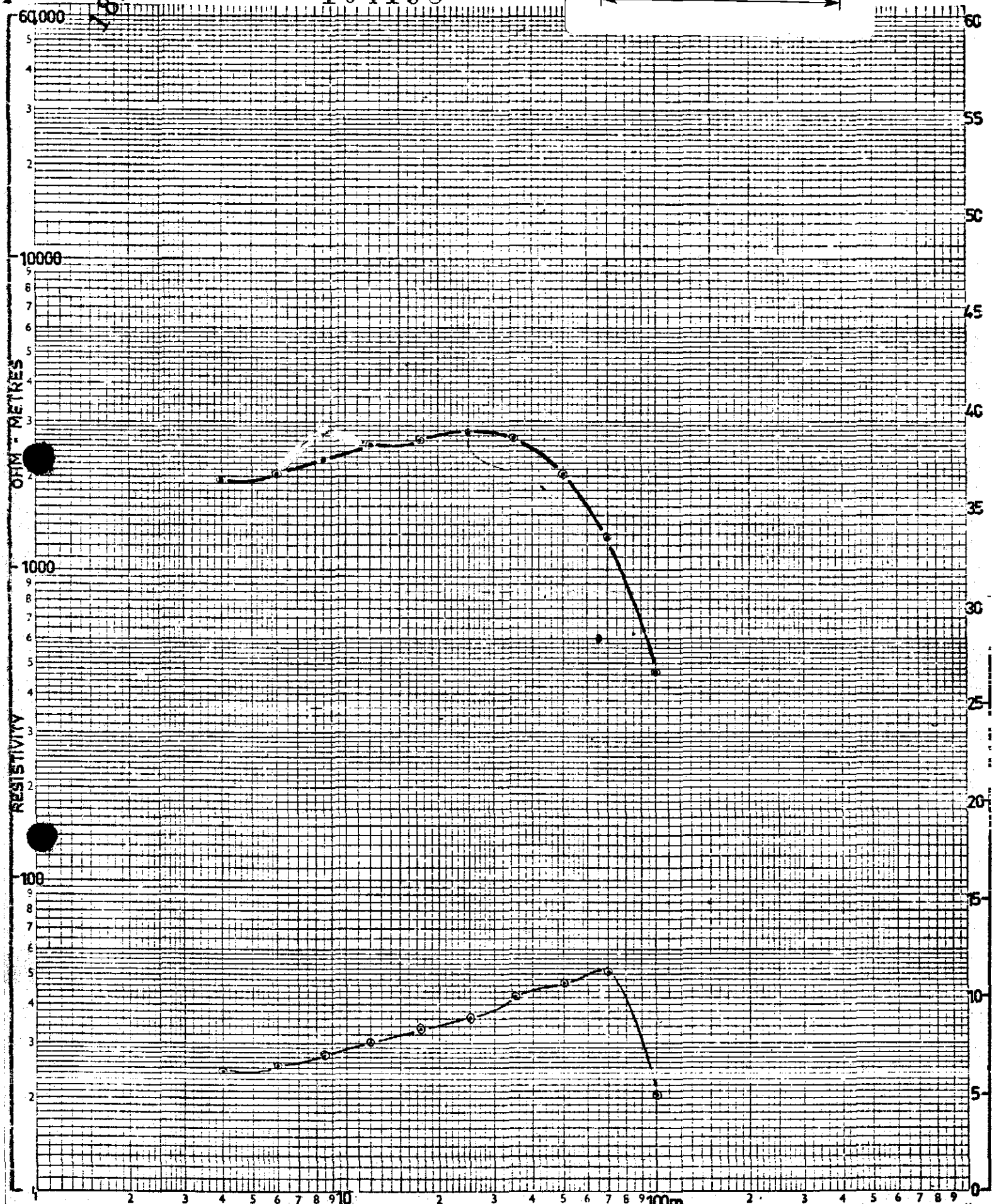
Q. B/C.

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K30 DATE : 2/6/69
LOCATION : 42N. 174E OPERATOR : ...
BEARING : .....

104198

5 cm



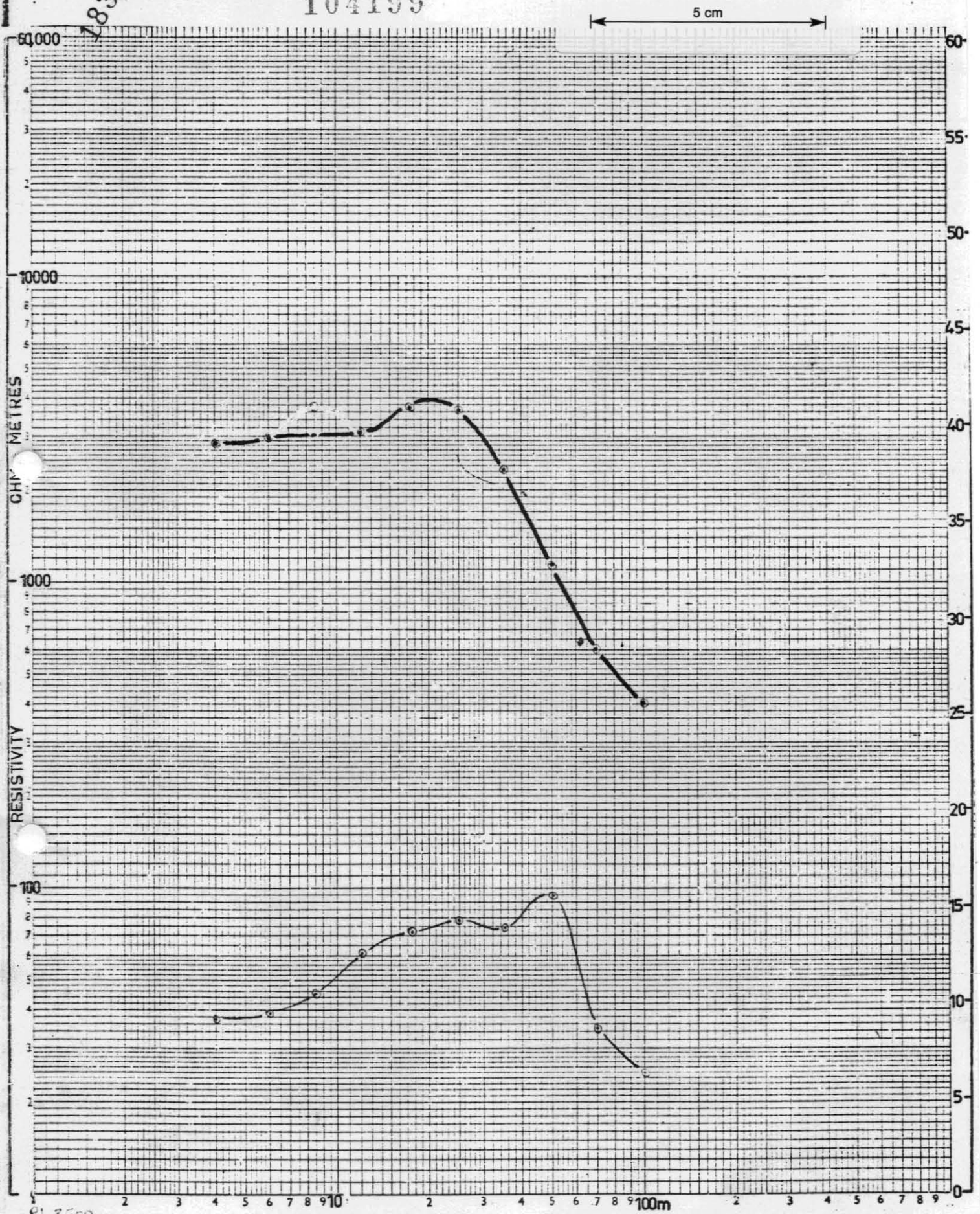
R1. 2800
R2. 140
DR. 37
MS. 9
M2. 15
DC 7

Q. B/C.

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K31 DATE : 24/9/79
LOCATION : 42N. 1450E OPERATOR : D.J. Webb
BEARING : ..... Scintrex

104199



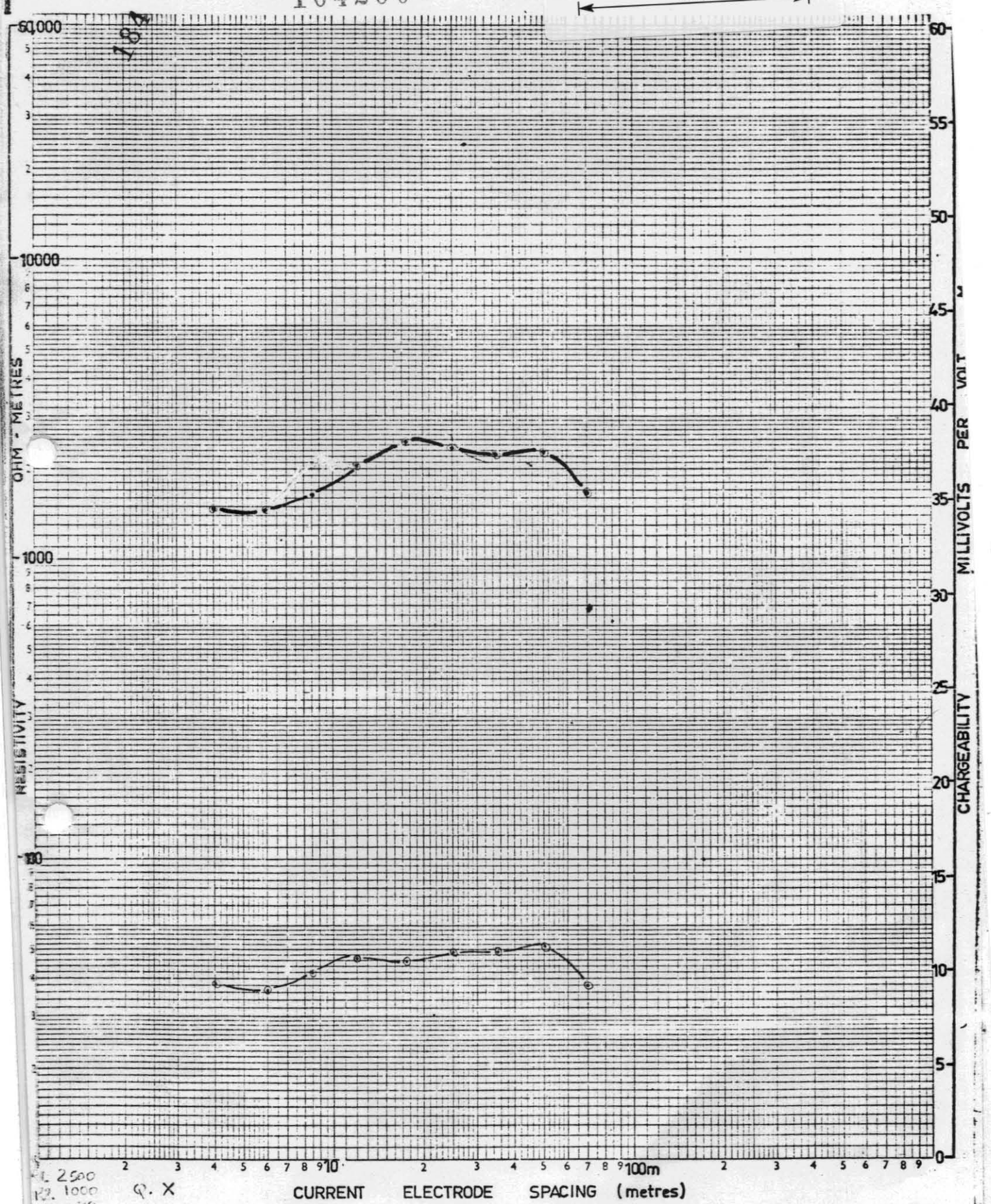
Pl 3500
P2 No
DR 20
MS 2.5
m2 20
DC 4

Q. E.

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K32 DATE : 25/8/79
LOCATION : 54N 150E OPERATOR : D.J. Webb Scintrex
BEARING : .....

104200



Q. X

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

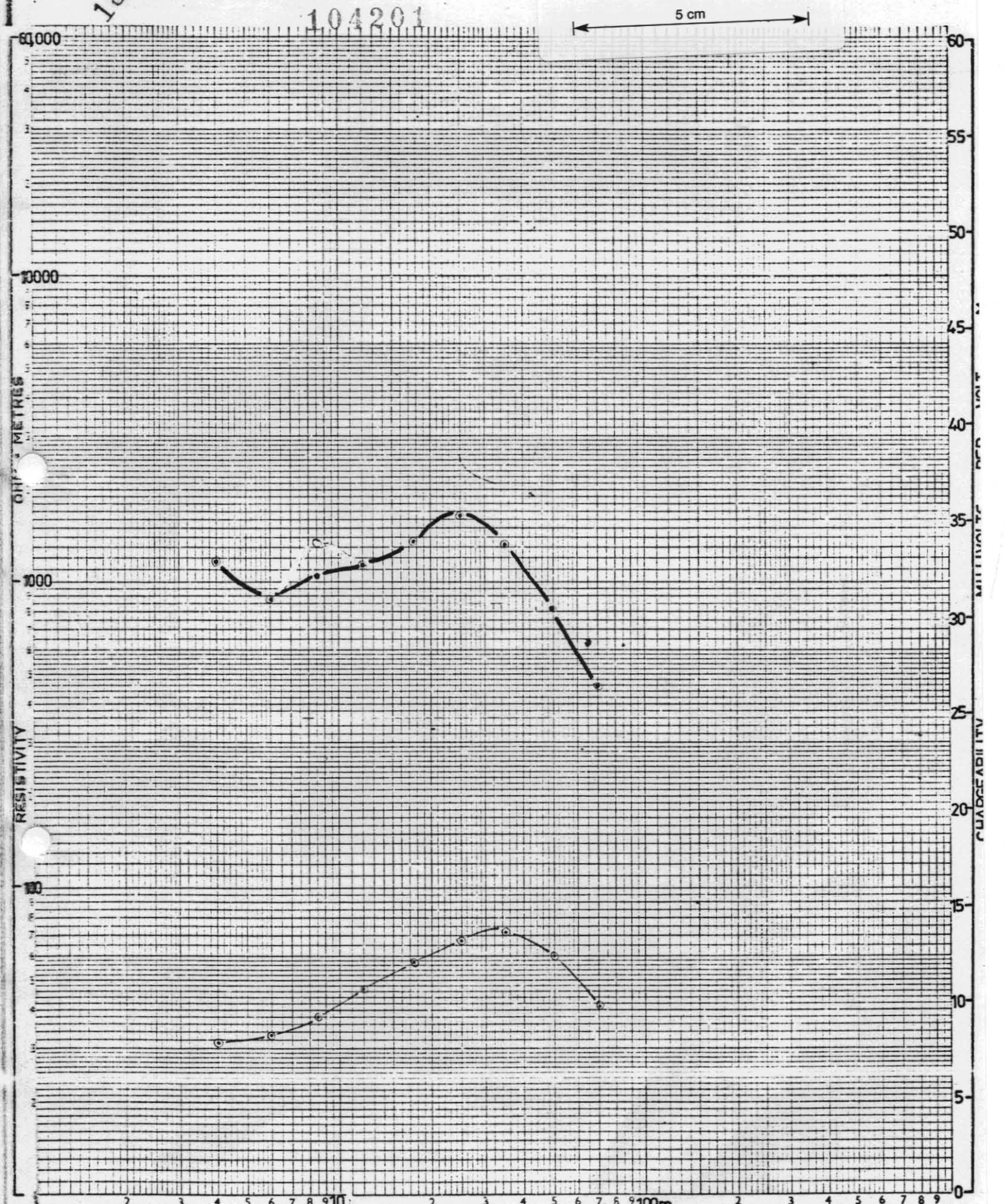
TEST Nº: K33 DATE: 25/8/79

LOCATION: 5IN 300E OPERATOR: D. J. Webb Scintrex

BEARING: .....

185

104201



R1 1500
R2 75
DR 29
MS 8.4
M2 16
DC 4

Q. B/C

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

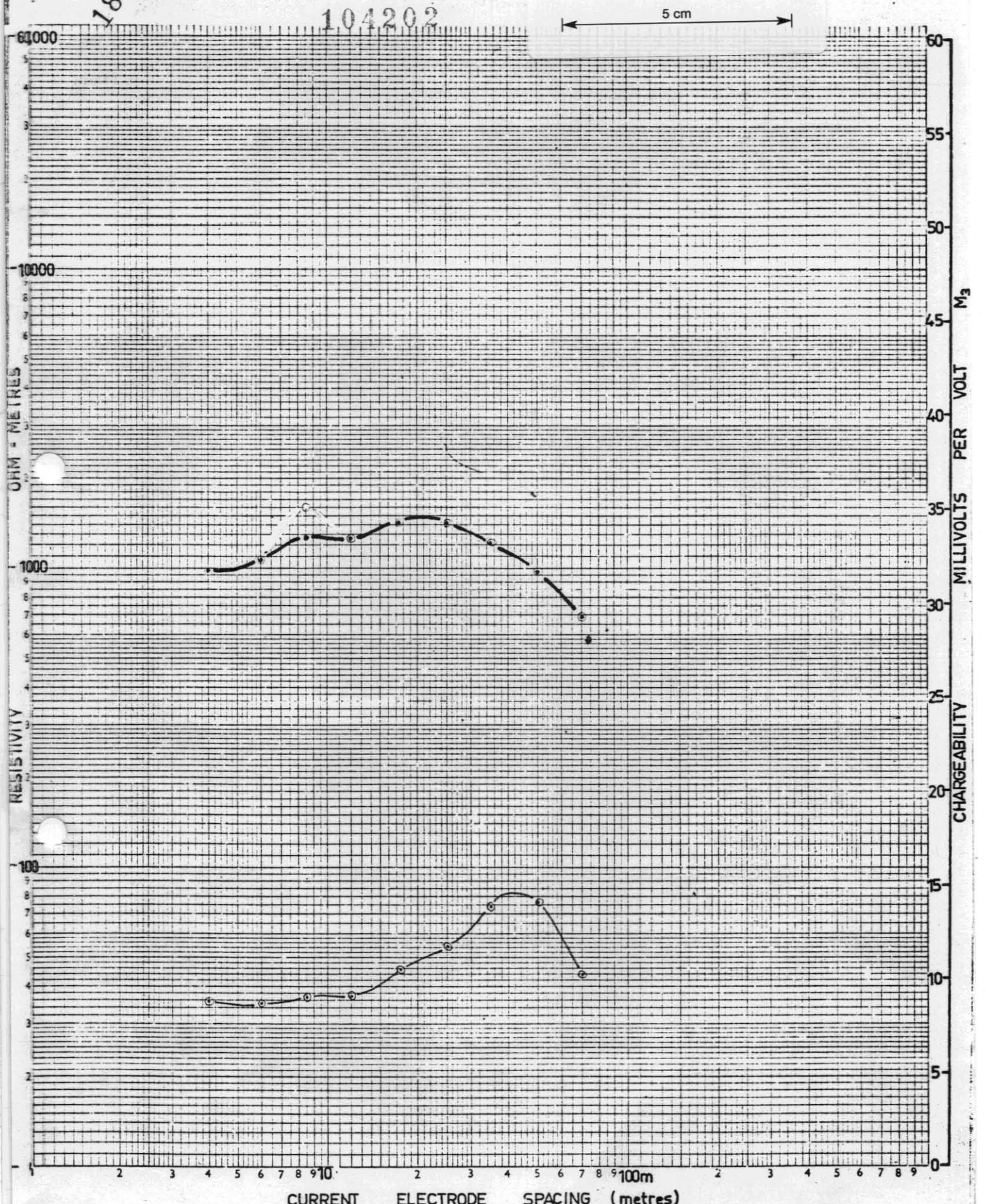
TEST Nº: K34 DATE: 25/8/79

LOCATION: 48N 300E OPERATOR: J. Webb Scintrex

BEARING: .....

186

104202



ANCHOR MINE LOTTAH GRID

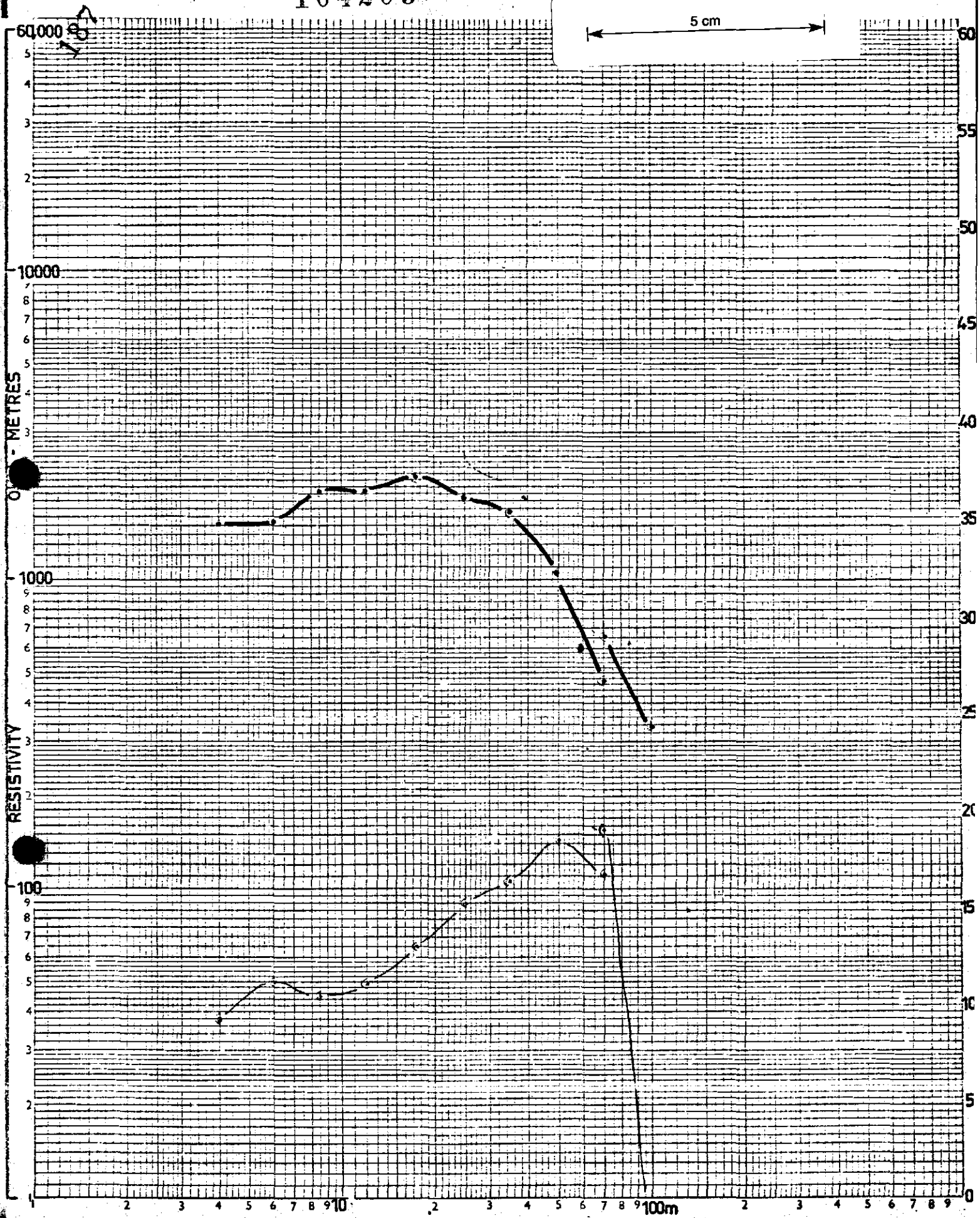
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K35 DATE : 25/6/79

LOCATION : 48N 600E OPERATOR : D.J. Weeks Scintrex.

BEARING : .....

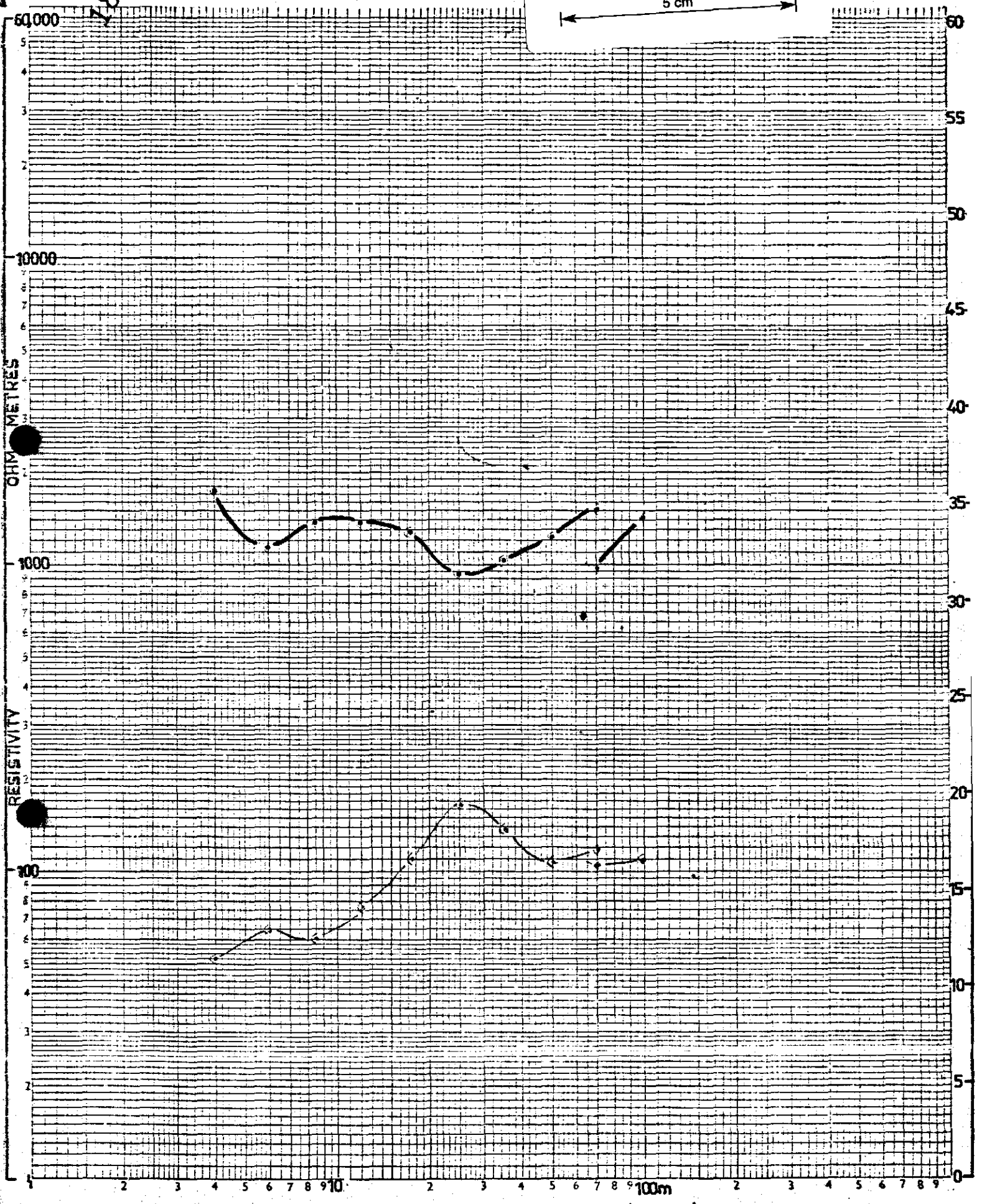
104203



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K36 DATE : 27/8/7
LOCATION : 48N 900E OPERATOR : J.J.
BEARING : .....

104204



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

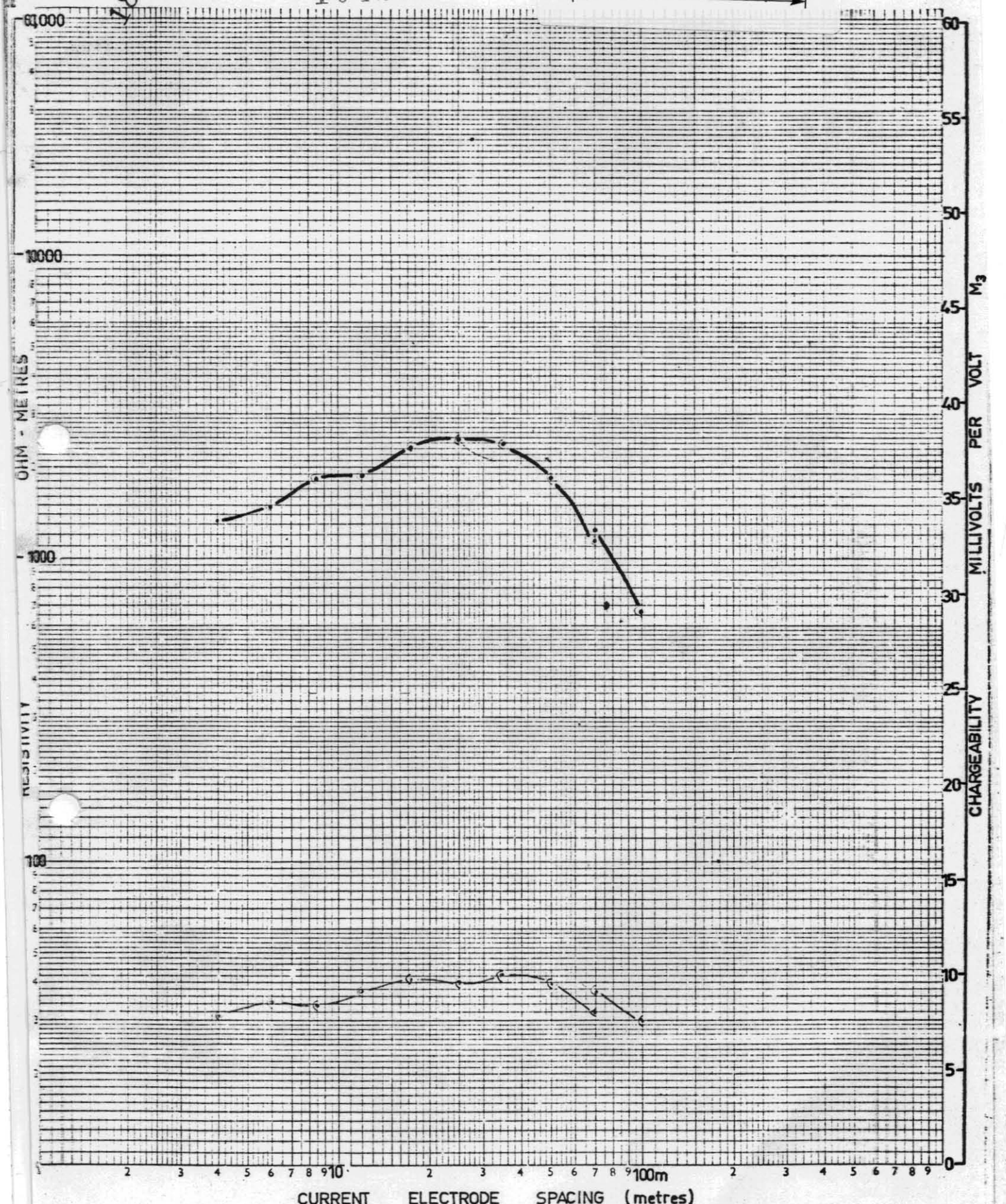
TEST Nº: K37 DATE: 27/8/79

LOCATION: 45N. 300E OPERATOR: [illegible]

BEARING: .....

189

104205



ANCHOR MINE LOTTAH GRID

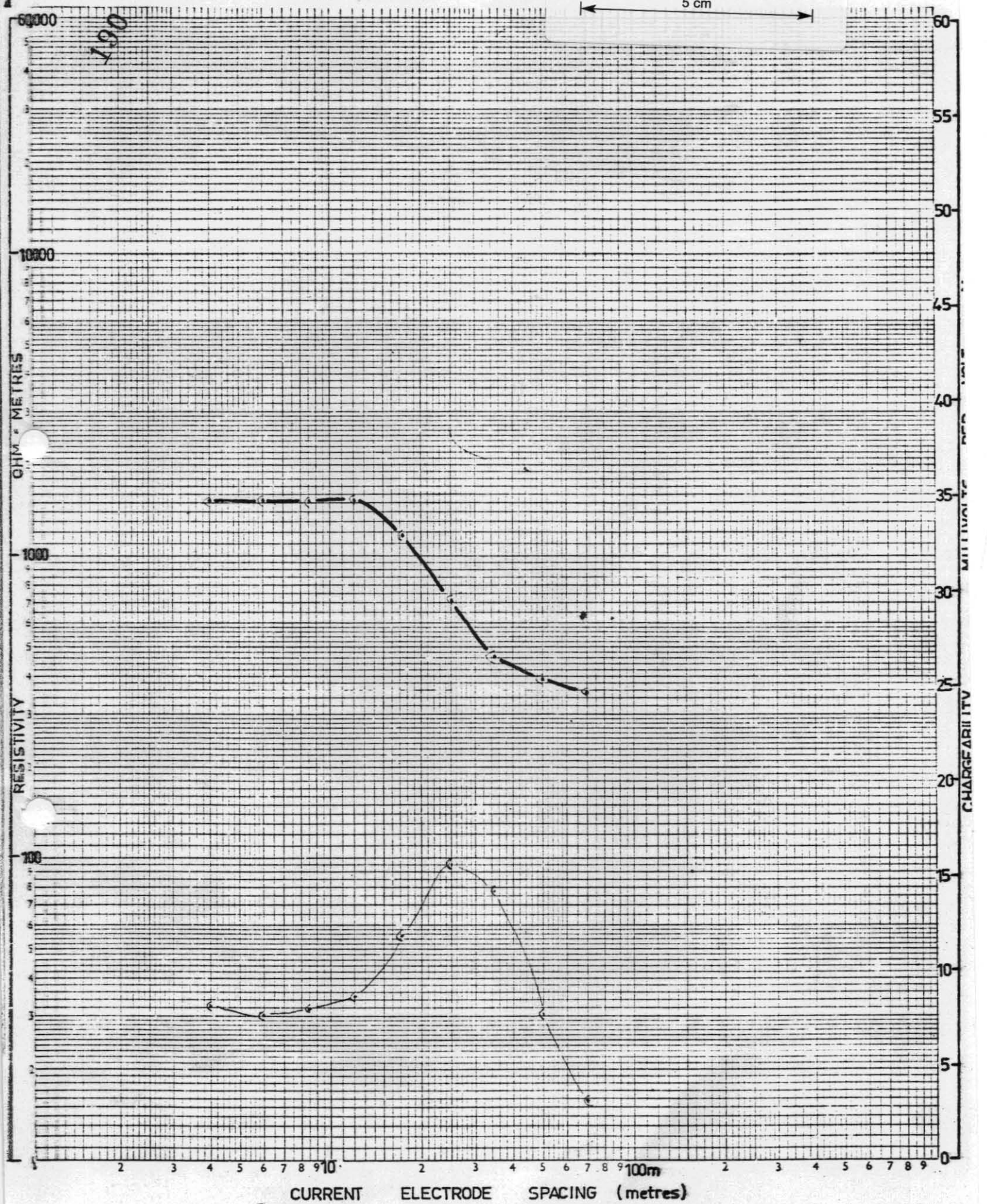
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K38 DATE : 28/8/79

LOCATION : 45N 600E OPERATOR : D. J. Lucht

BEARING : ..... Scintrex

104206



CURRENT ELECTRODE SPACING (metres)

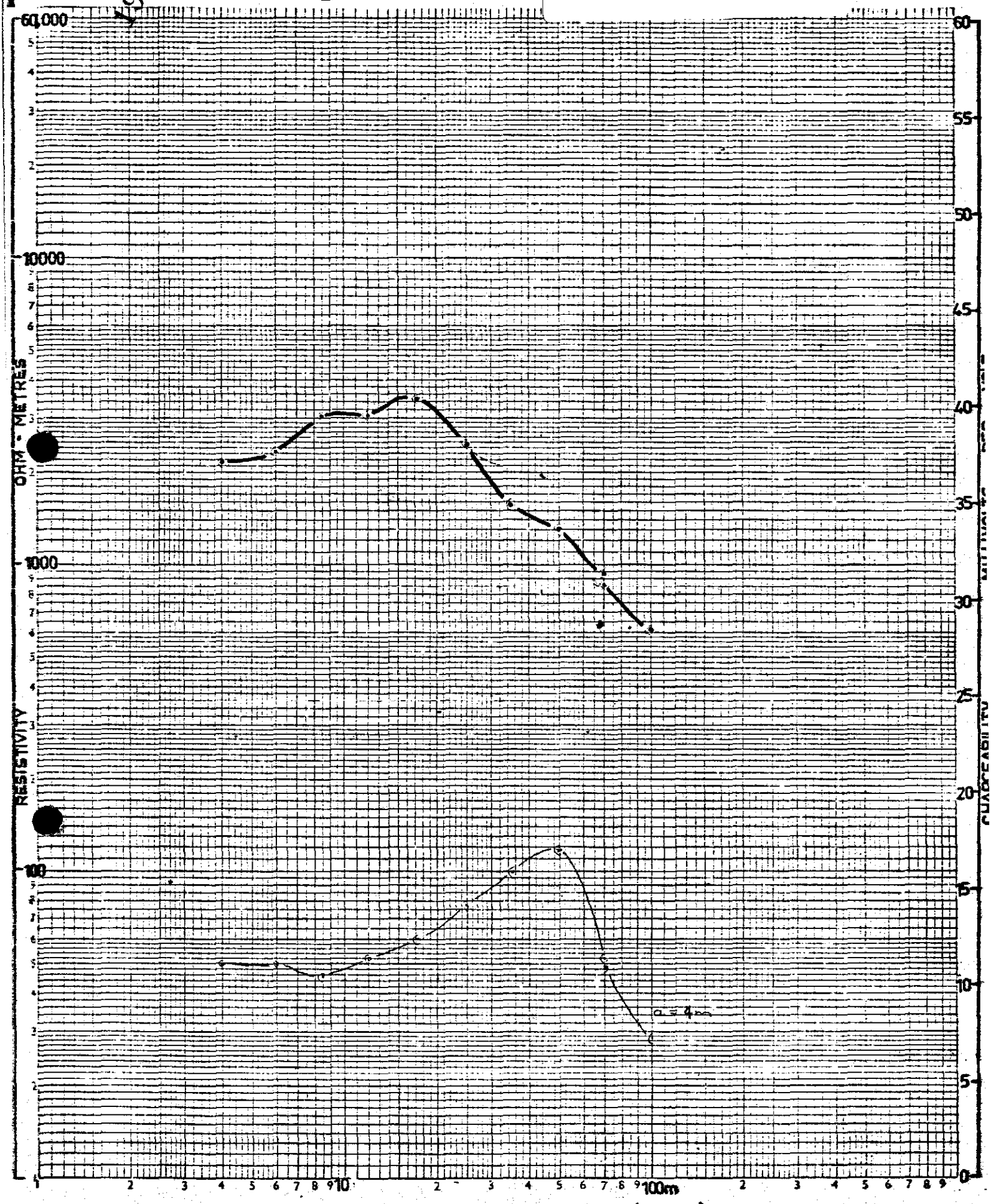
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K39 DATE : 28/8/79
LOCATION : 45N 900E OPERATOR : J.J. Webb
BEARING : ..... Scintrex

191

104207

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

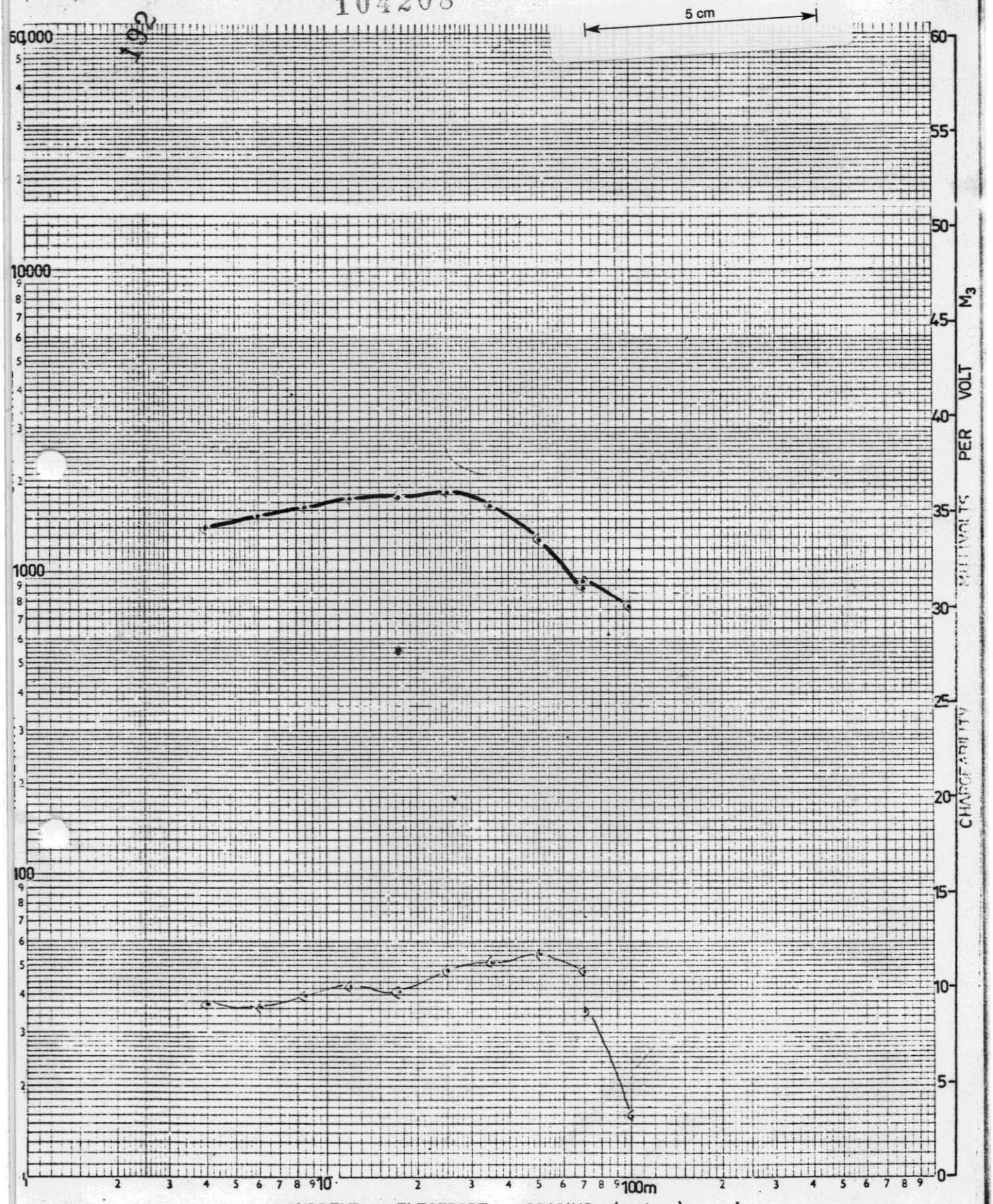
TEST Nº : K40 DATE : 26/6/79

LOCATION : 45N 170E OPERATOR : A.J. Webb Scintrex

BEARING : .....

104208

192



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K41 DATE : 29/8/79

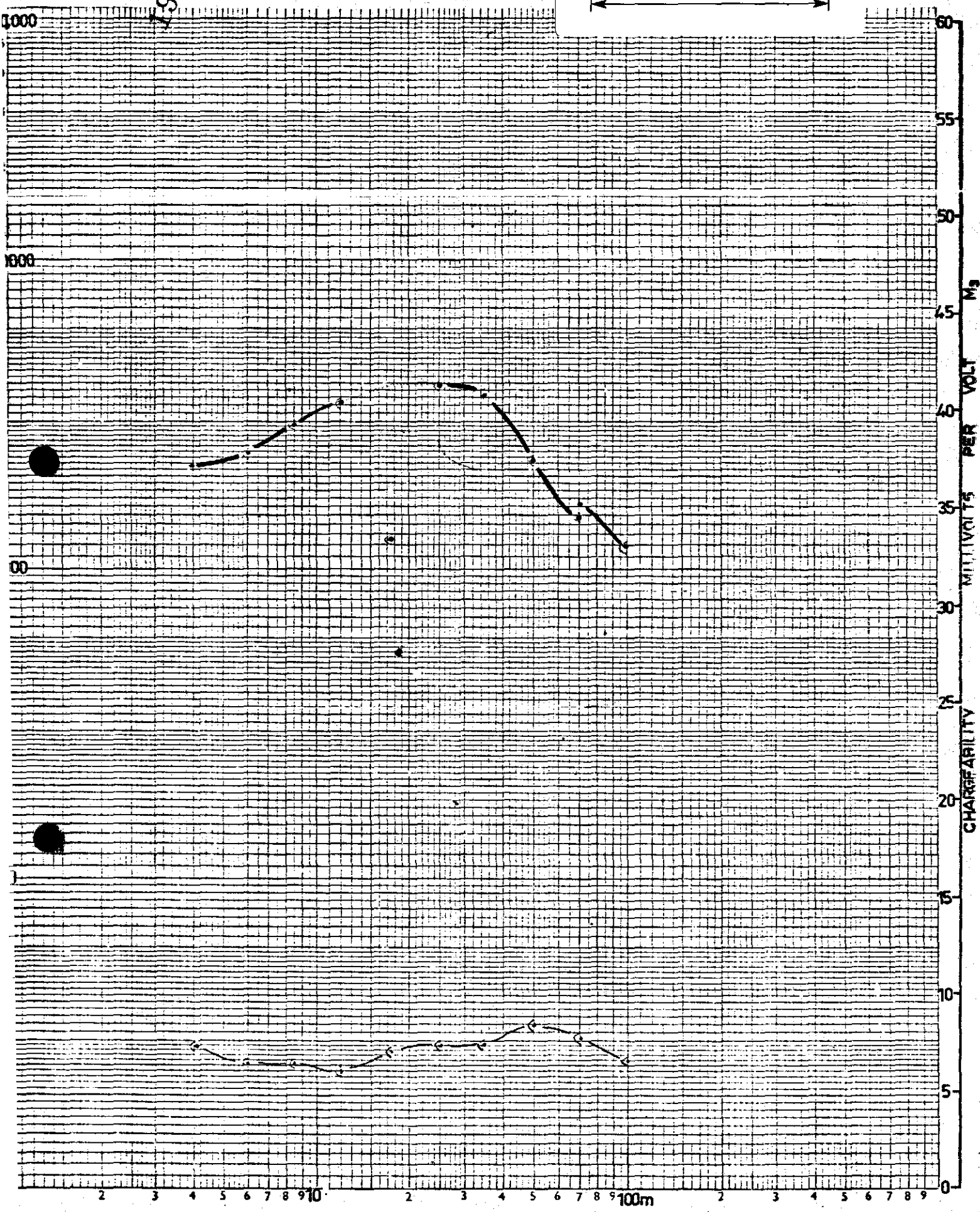
LOCATION : 42N 300E OPERATOR : D.J. Webb

BEARING : .....

104209

493

5 cm



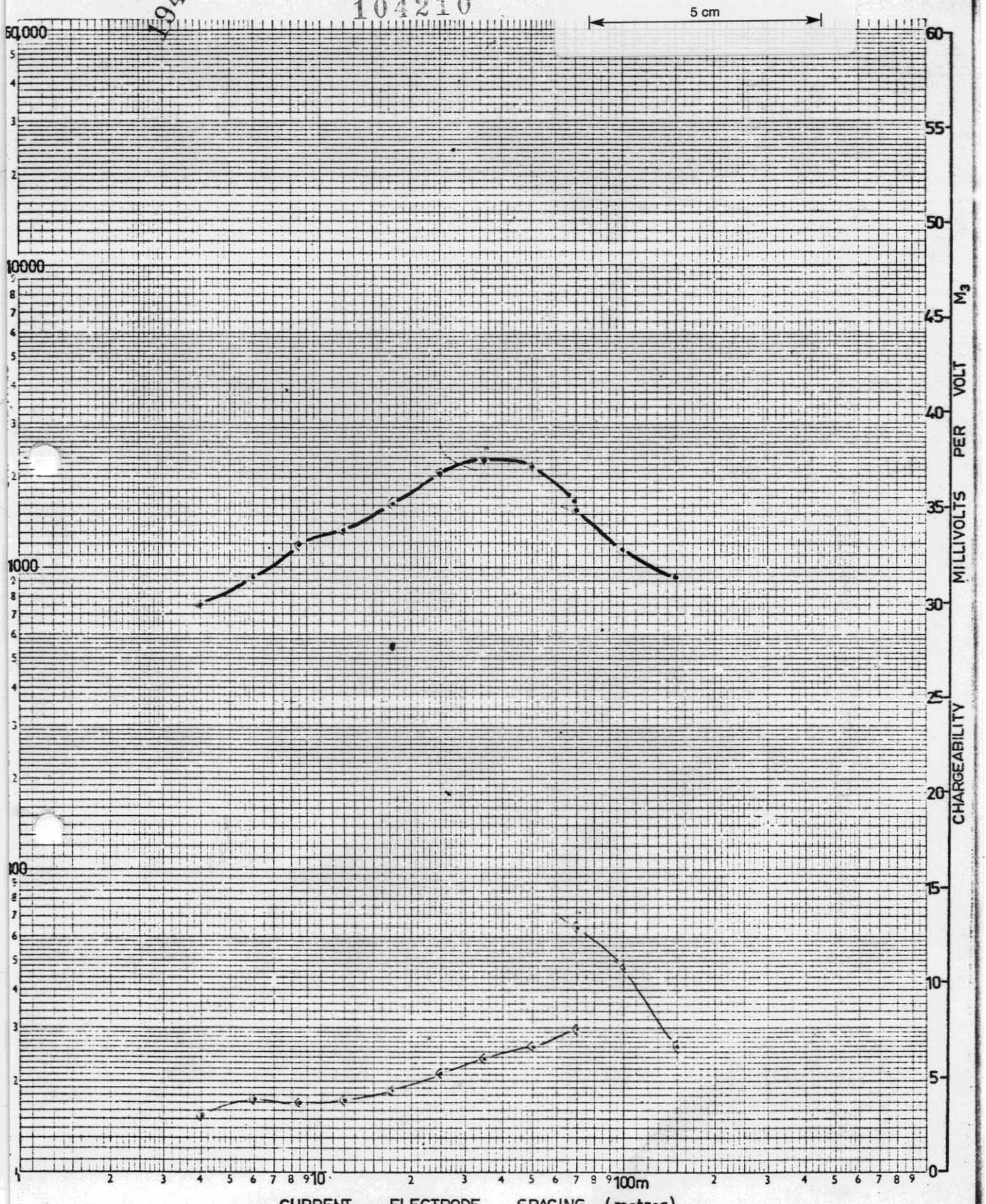
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K42 DATE : 20/6/79
LOCATION : 42N 600E OPERATOR : Scintrex
BEARING : .....

194

104210



ANCHOR MINE LOTTAH GRID

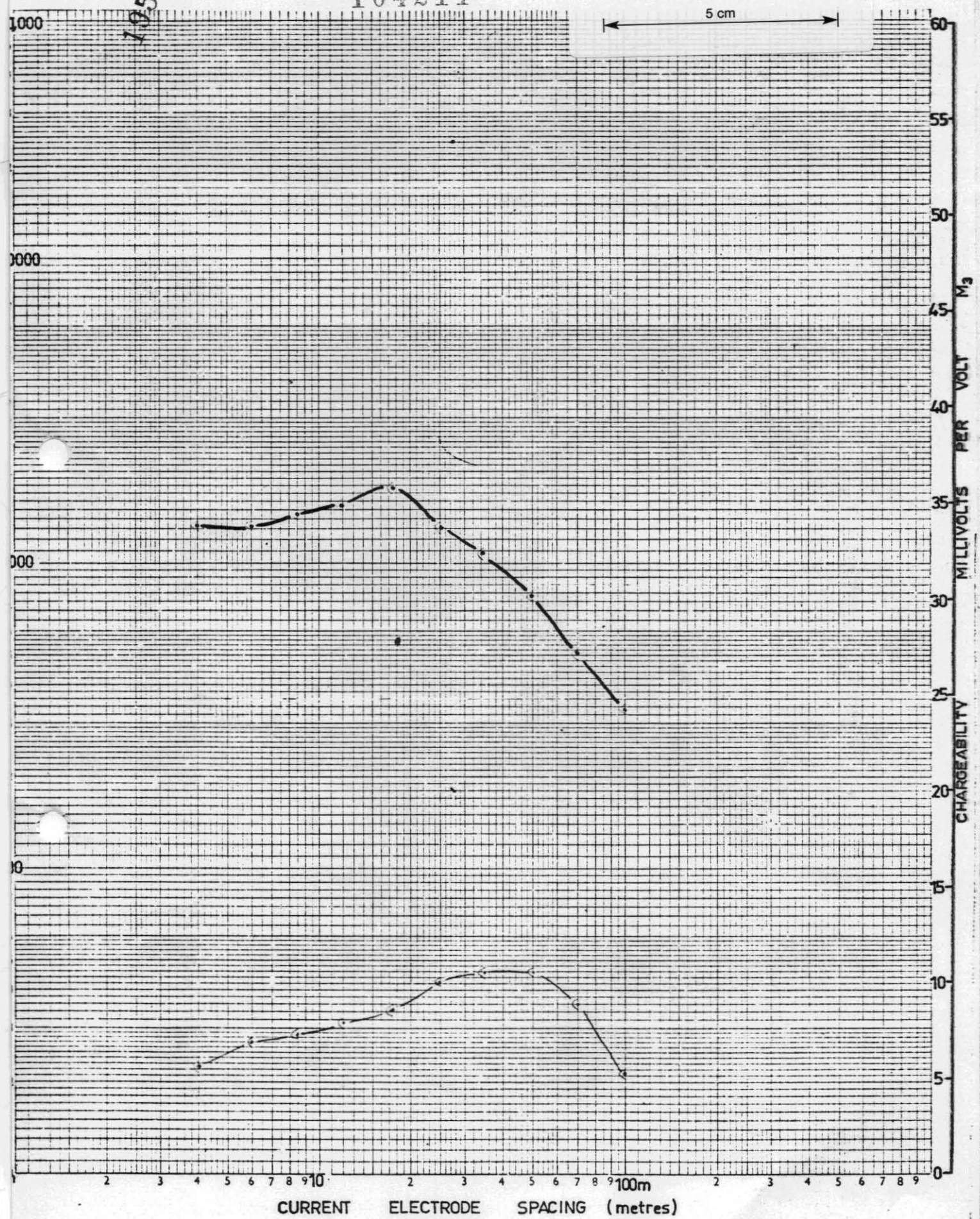
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K43 DATE : 29/5/79

LOCATION : 42N. 85OE OPERATOR : [illegible]

BEARING : ..... Scintrex

104211



ANCHOR MINE LOTTAH GRID

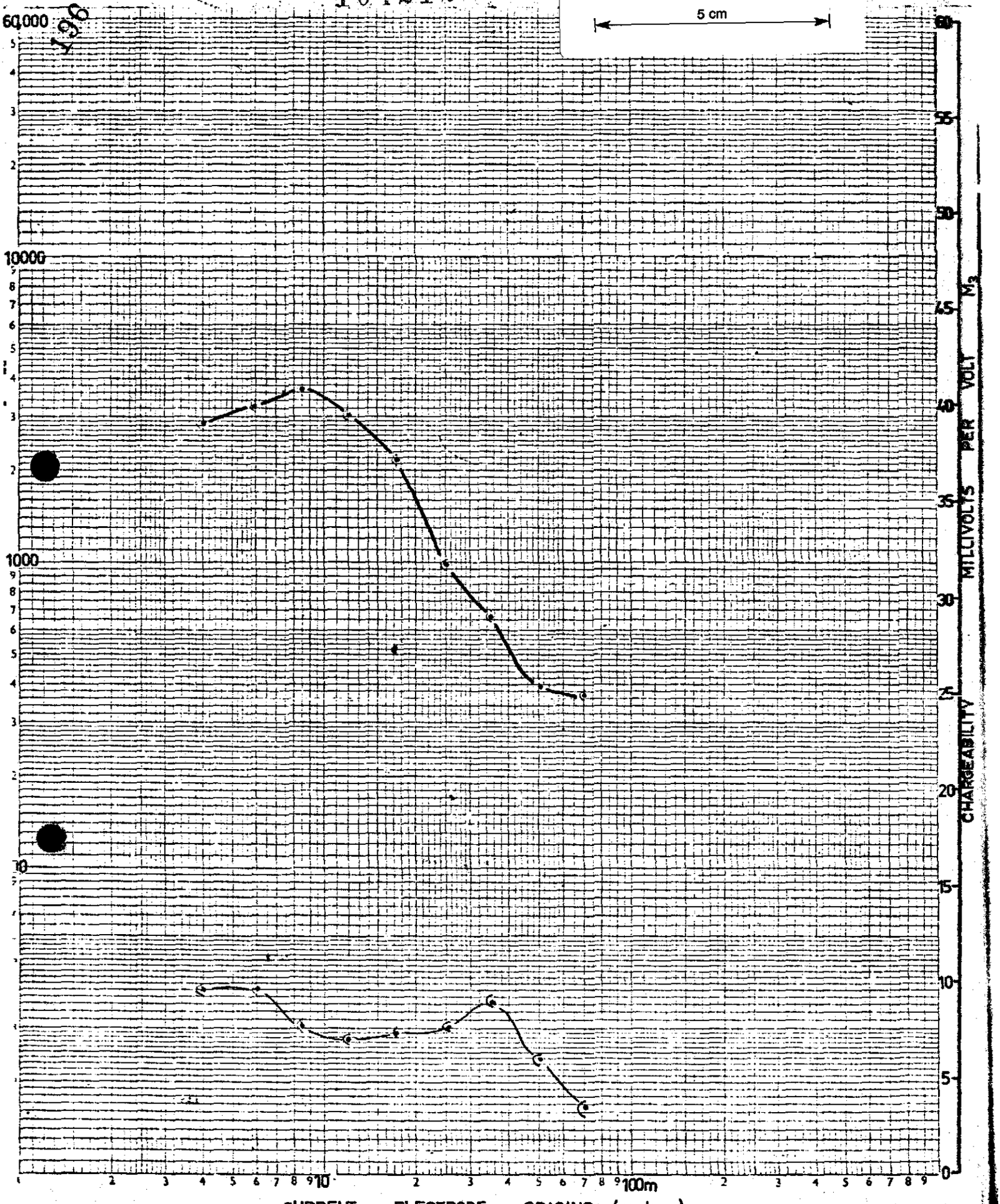
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K44 DATE : 22/5/79

LOCATION : 42N 115oE OPERATOR :

BEARING :

104212



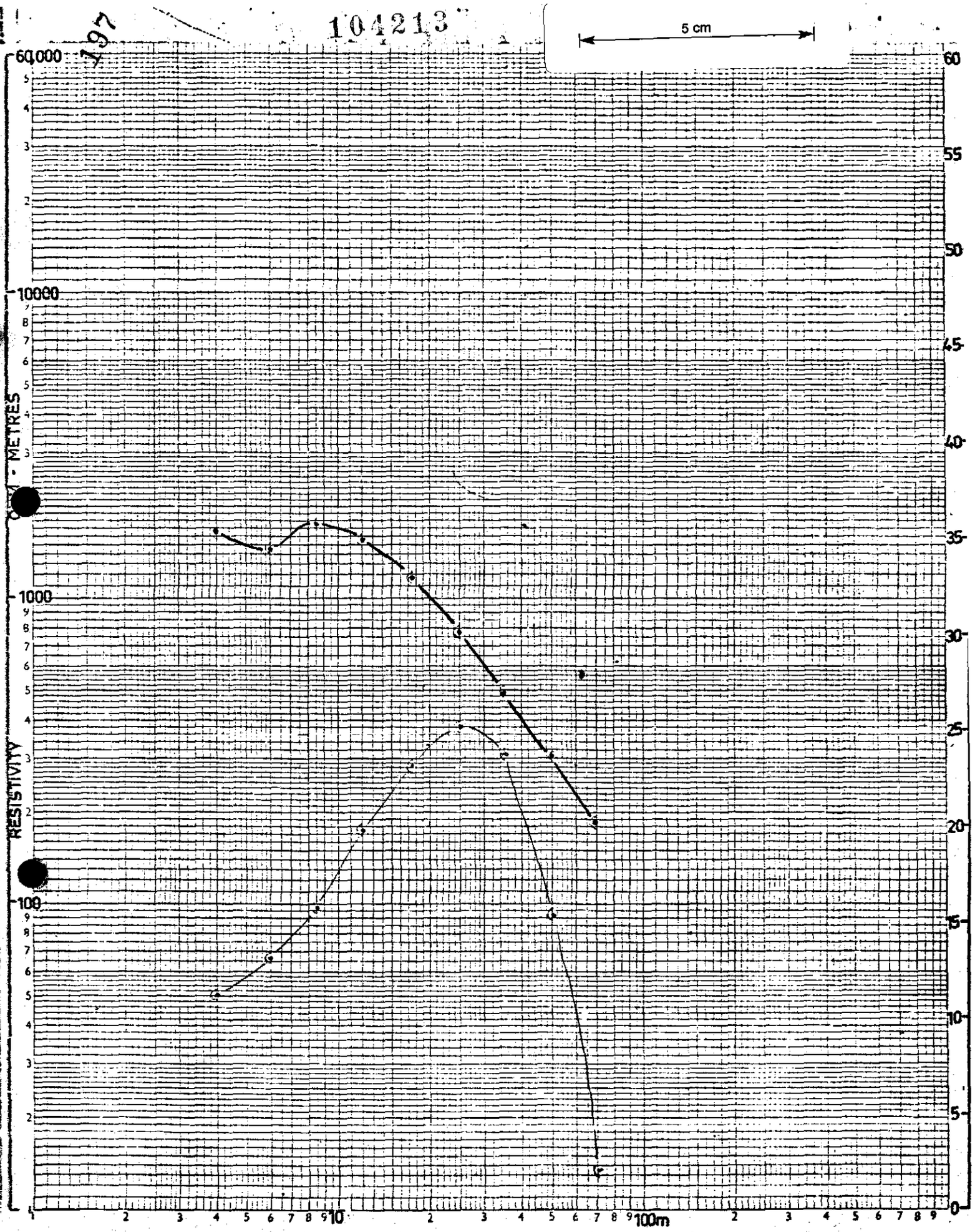
ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K45 DATE : 30/8/79

LOCATION : 57N 900W OPERATOR: [illegible]

BEARING: ..... Scribes



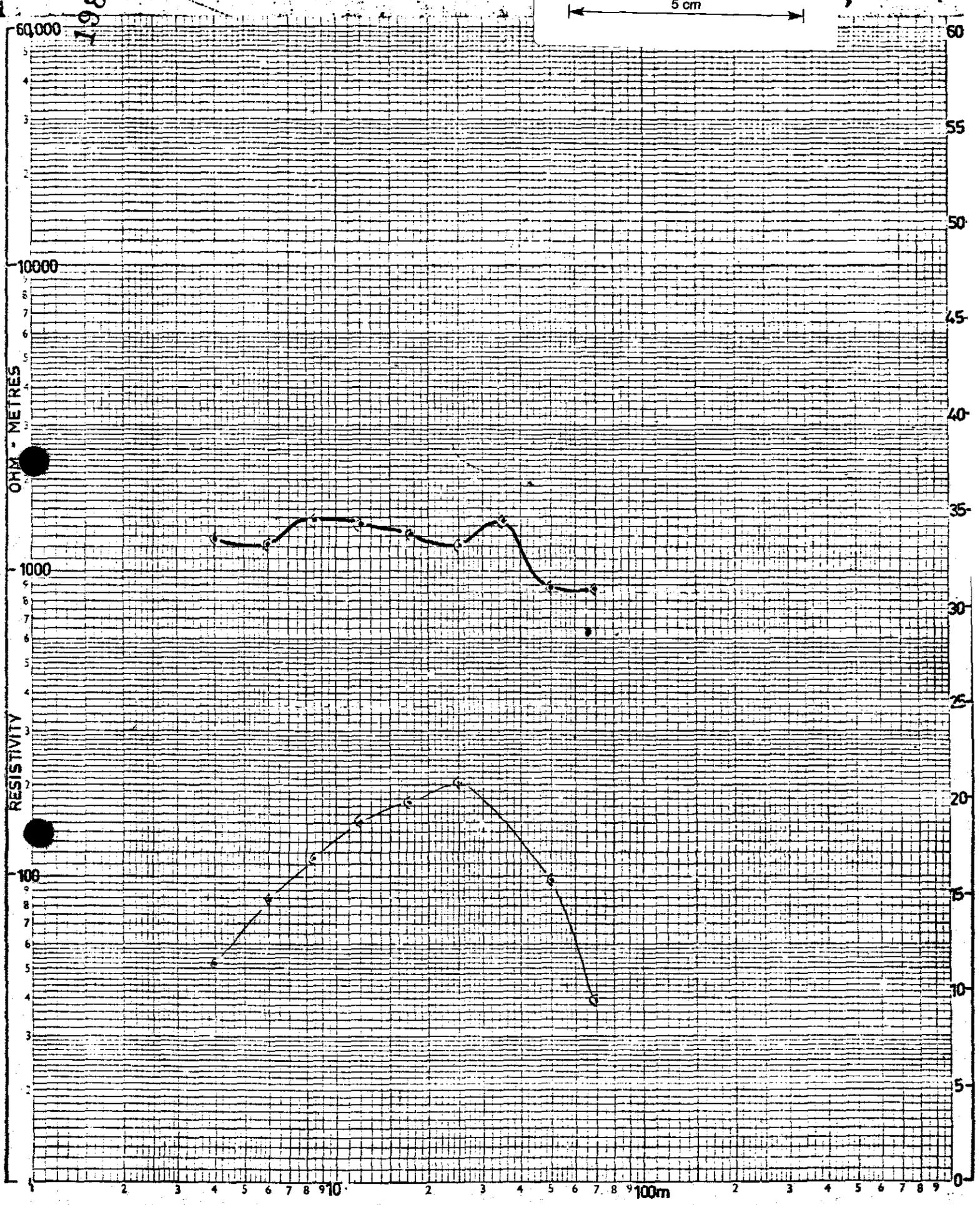
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K46 DATE : 30/8/79...
LOCATION : 57N. 45pW OPERATOR : A.J. Webb
BEARING : ..... Scintrex

104214

198

5 cm

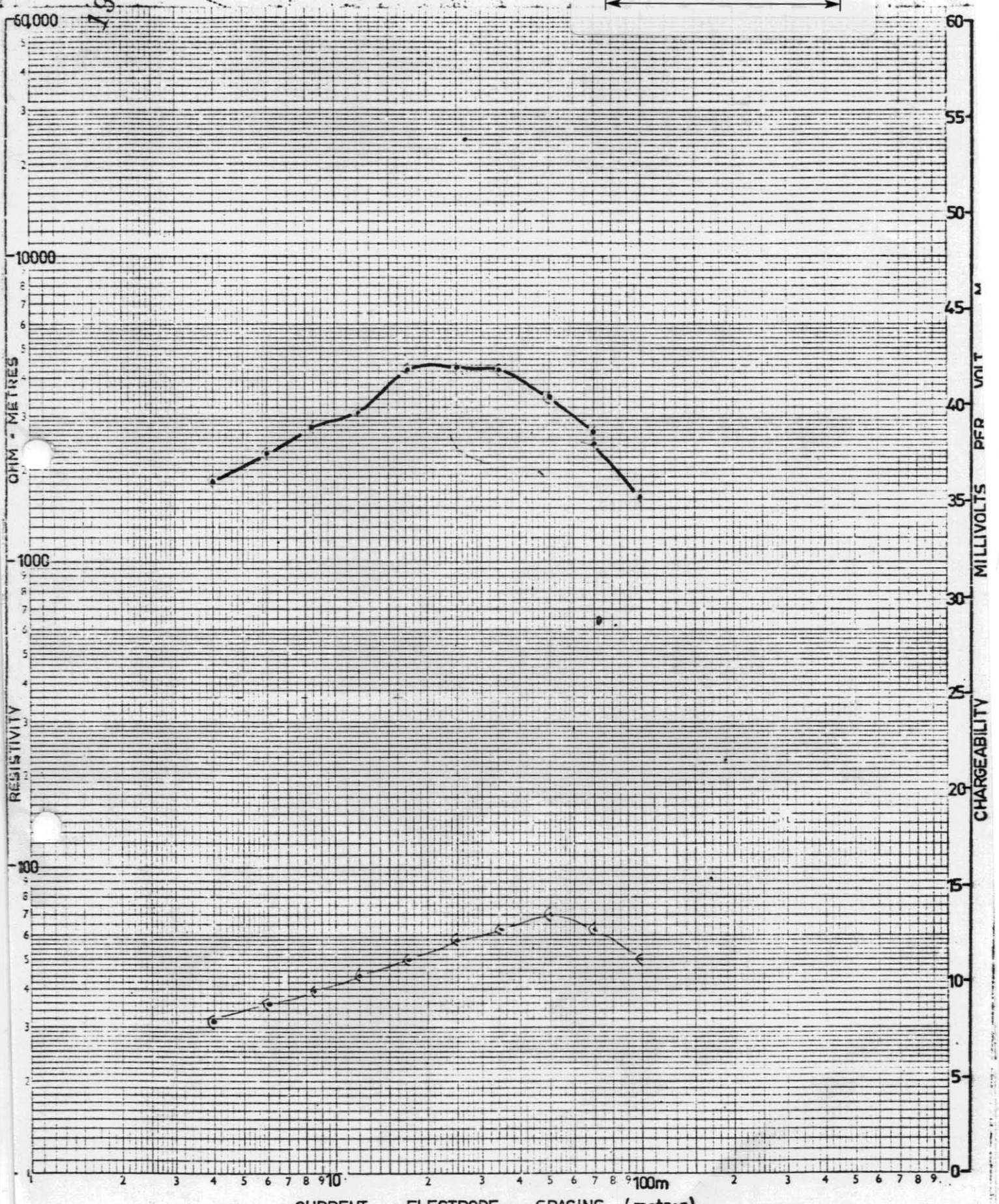


ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K47 DATE : 30/8/79....
LOCATION : 42N 3600W OPERATOR: D.J. Hobbs Scintrex.
BEARING : .....

104215

199



ANCHOR MINE LOTTAH GRID

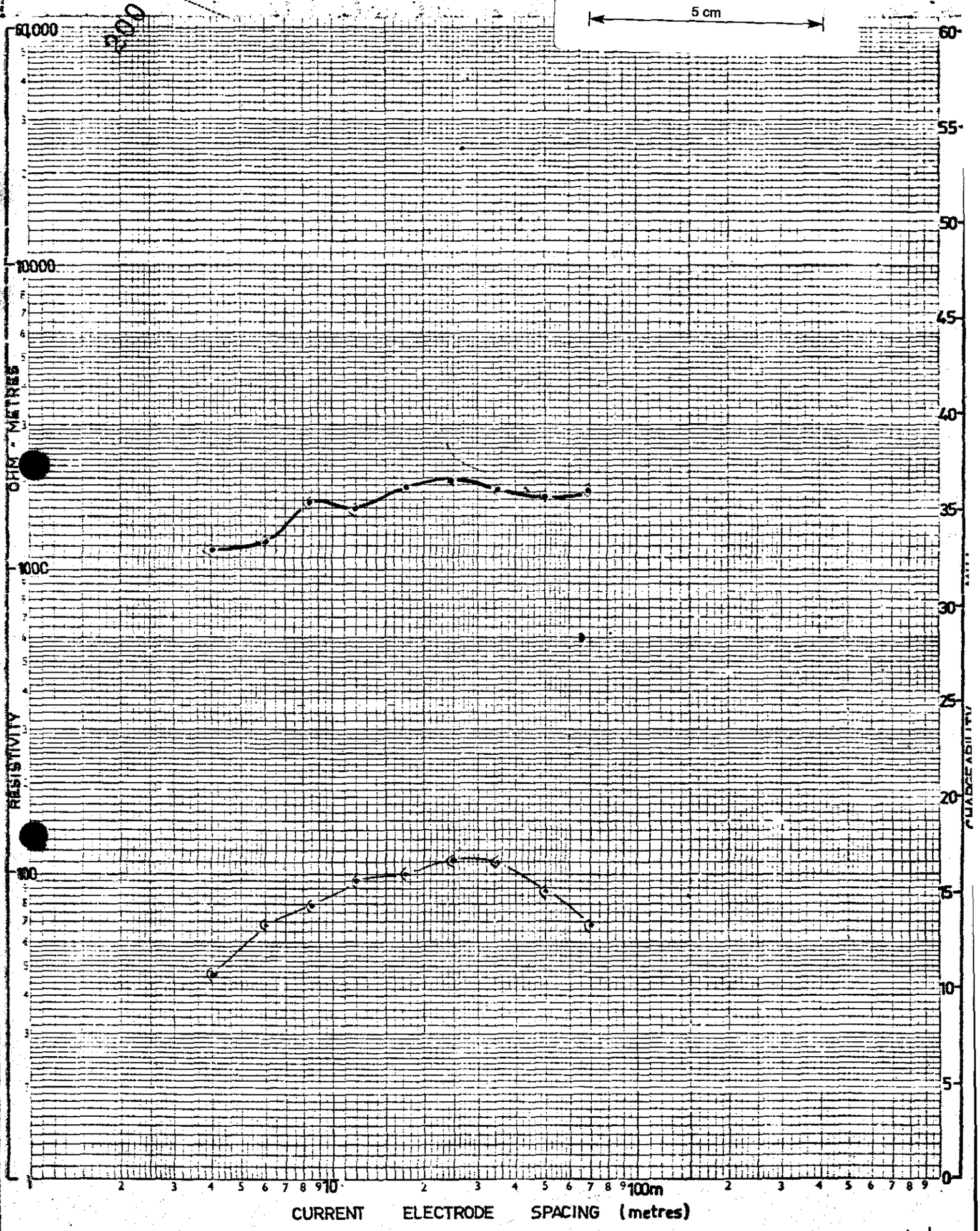
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K48 DATE : 30/8/79

LOCATION : 42N 575W OPERATOR: D.J. Webb Scintrex

BEARING : .....

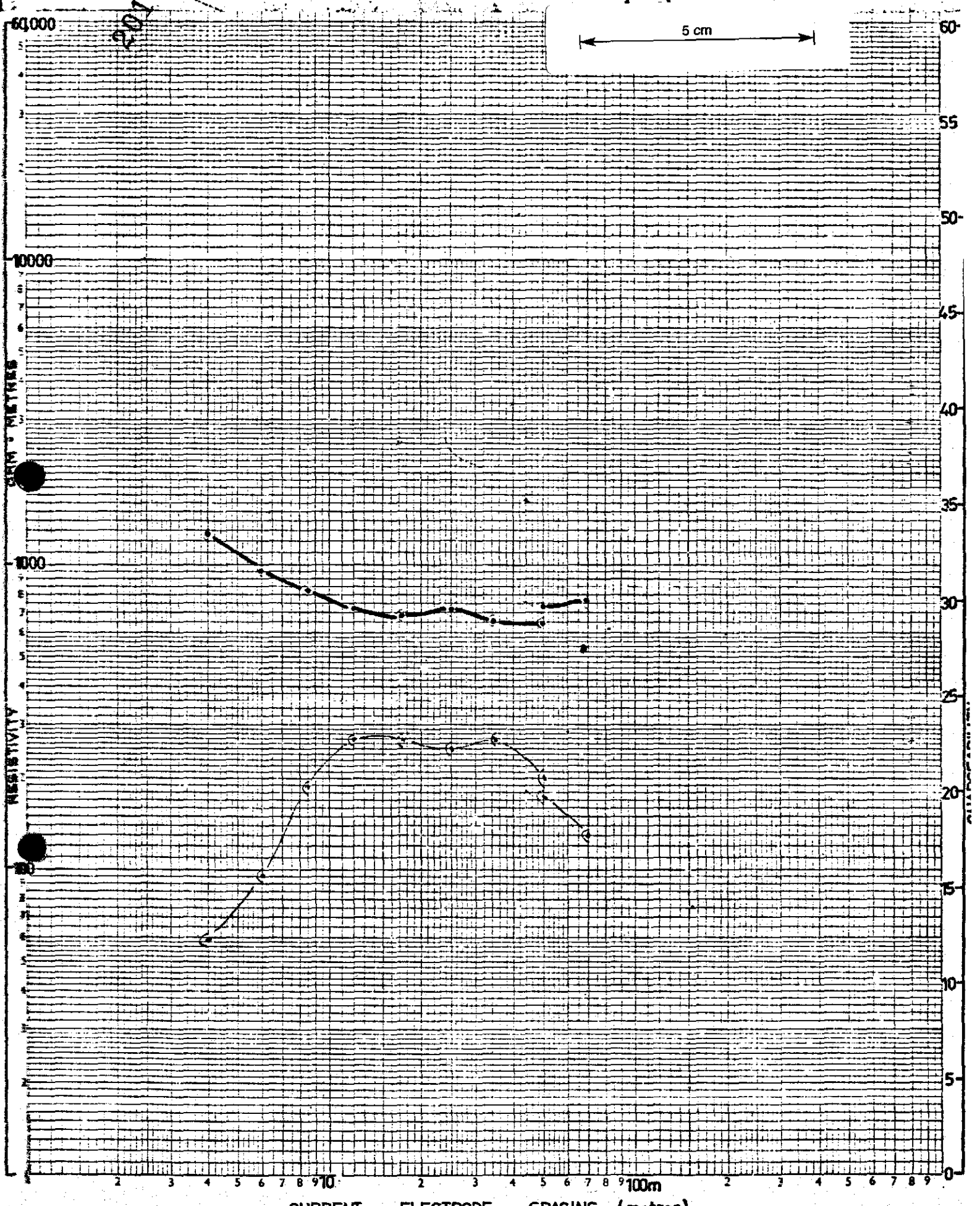
104216



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST N° : K49 DATE : 31/8/79
LOCATION : 4SN 3mW OPERATOR : J.J. Webb
BEARING : ..... Scintrex.

104217

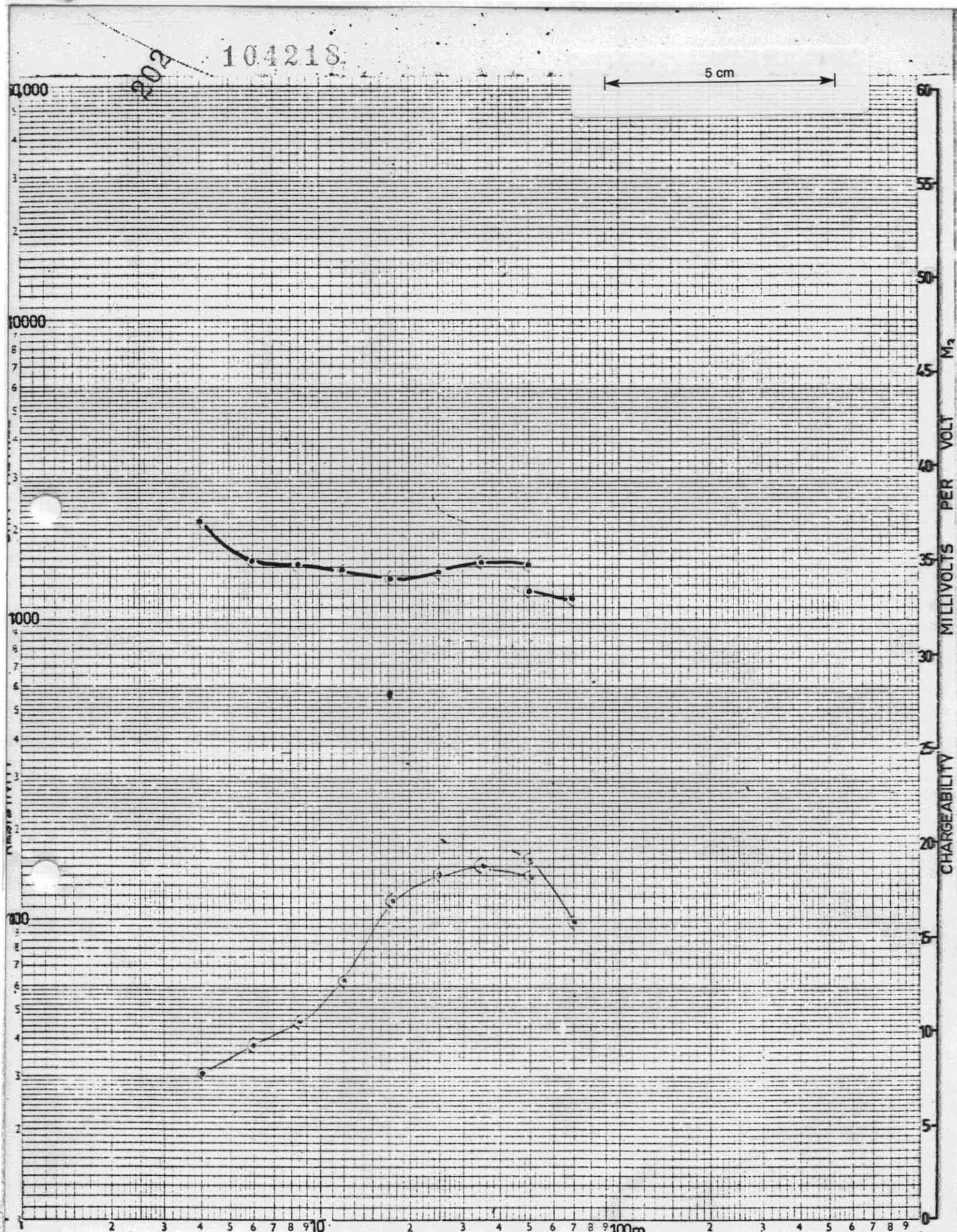


CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K50 DATE : 31/8/79
LOCATION : 4.5N 600W OPERATOR : D.J. Webb
BEARING : Scintrex

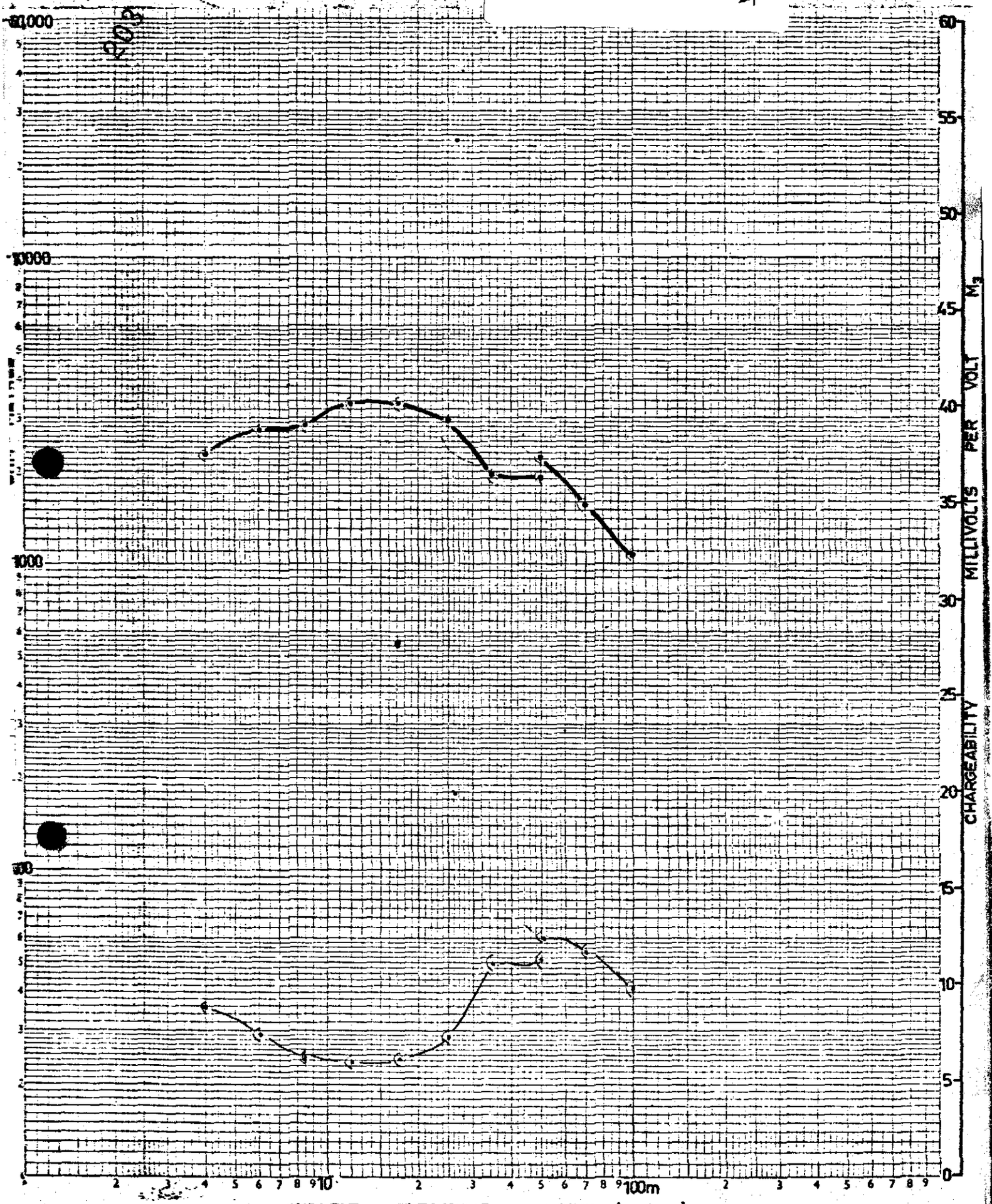
202
104218



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K51 DATE : 31/8/79
LOCATION : 45N 500W OPERATOR : D.J. Webb
BEARING : ..... Scintrex

104219



ANCHOR MINE LOTTAH GRID

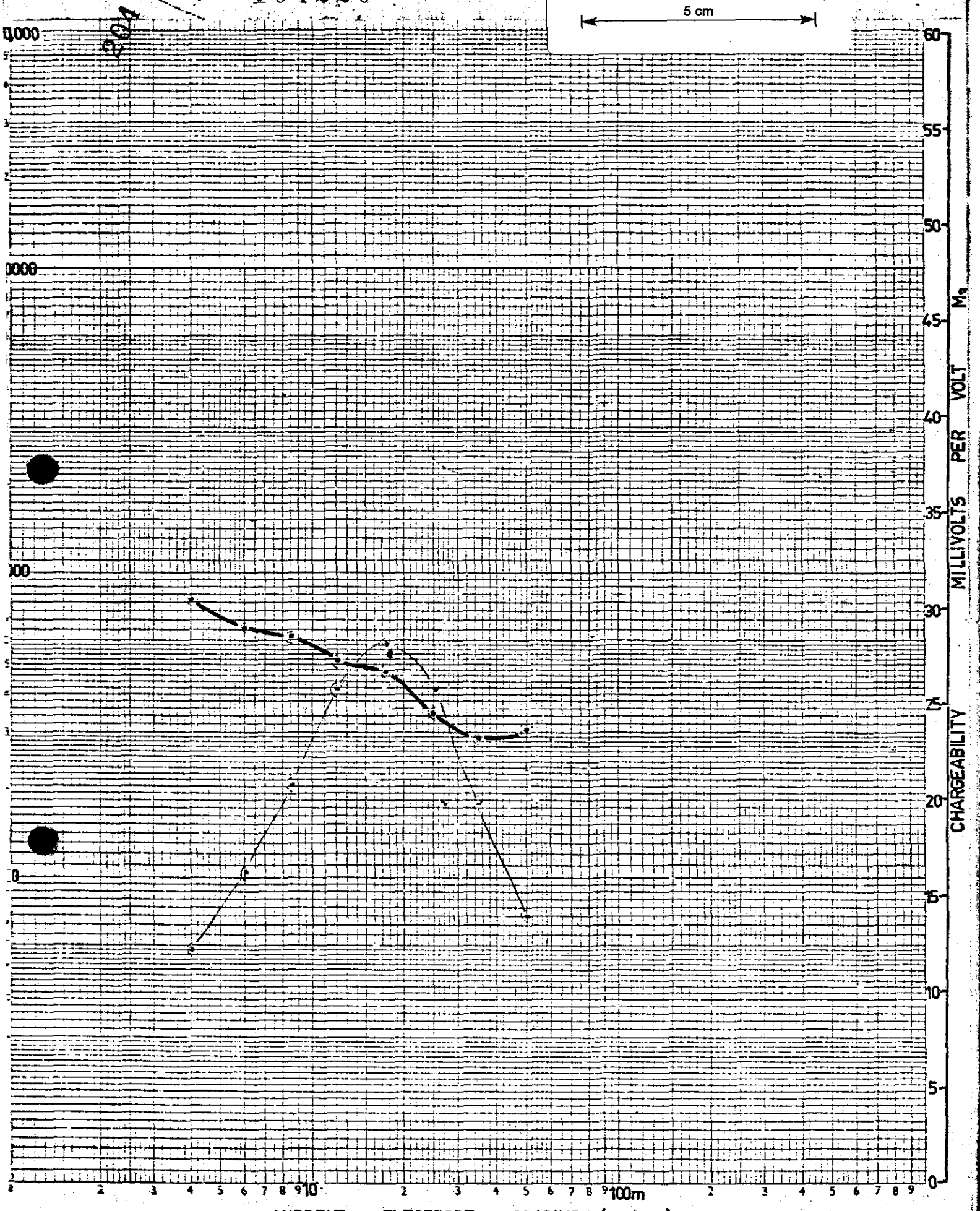
I.P. ELECTRICAL SOUNDINGS

TEST Nº : K52 DATE : 31/8/79

LOCATION : 45N 1180W OPERATOR : D.J. Webb

BEARING : ..... Scintrex

104220



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K53 DATE : 1/9/79
LOCATION : 48N 300W OPERATOR : D.J. Webb
BEARING : ..... Scintrex.

104224

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

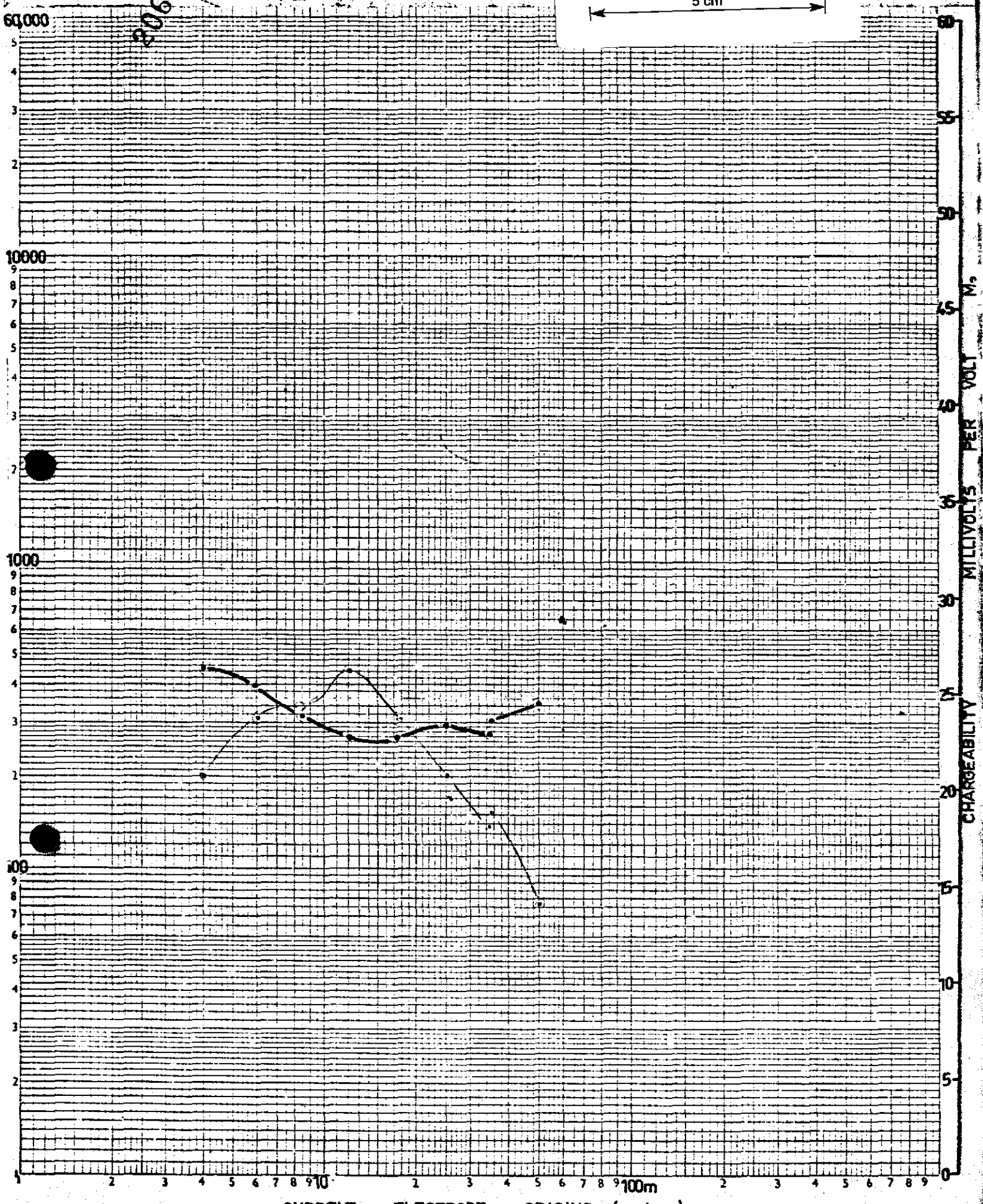
TEST Nº : K54 DATE : 1/9/79

LOCATION : 48N 600W OPERATOR D. J. Webb

BEARING : ..... Scintrex

104222

206



ANCHOR MINE LOTTAH GRID

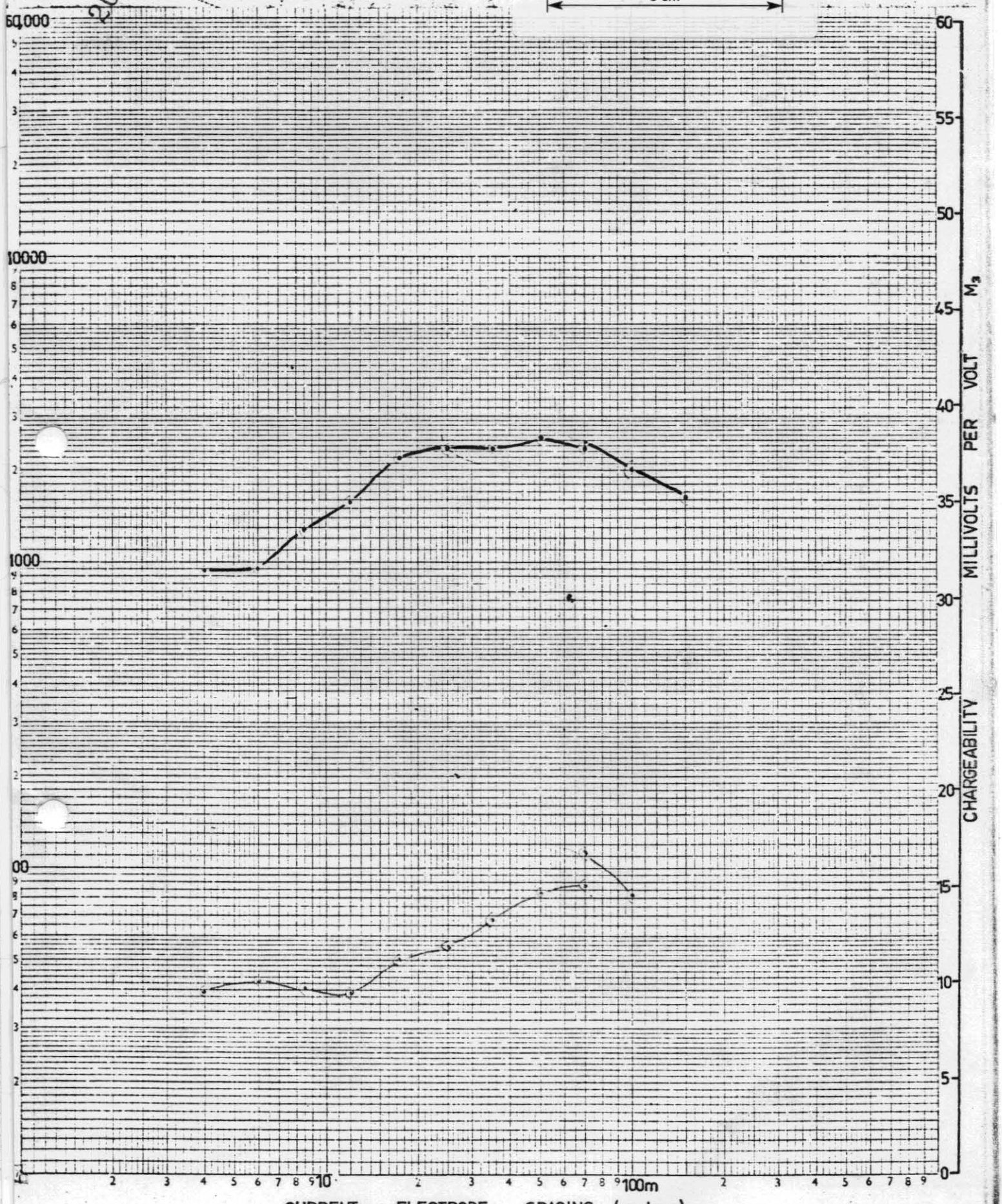
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K55 DATE : 1/9/79

LOCATION: 48N 900W OPERATOR: D.J. Webb

BEARING: ..... Scintrex

207 104223



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K56 DATE : 1/9/79

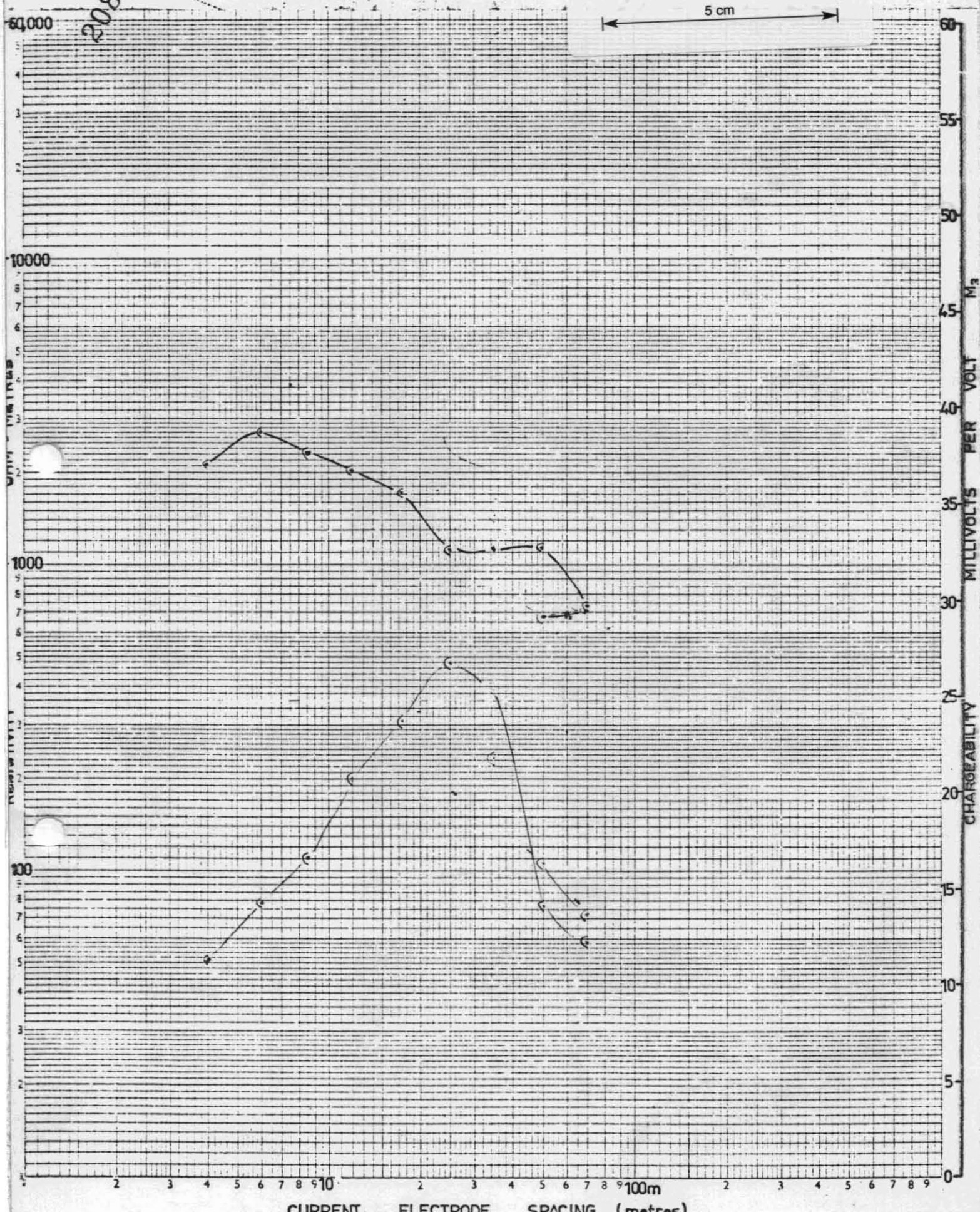
LOCATION : 48N 1200W OPERATOR : D.J. Webb

BEARING : ..... Scintrex

104224

208

5 cm



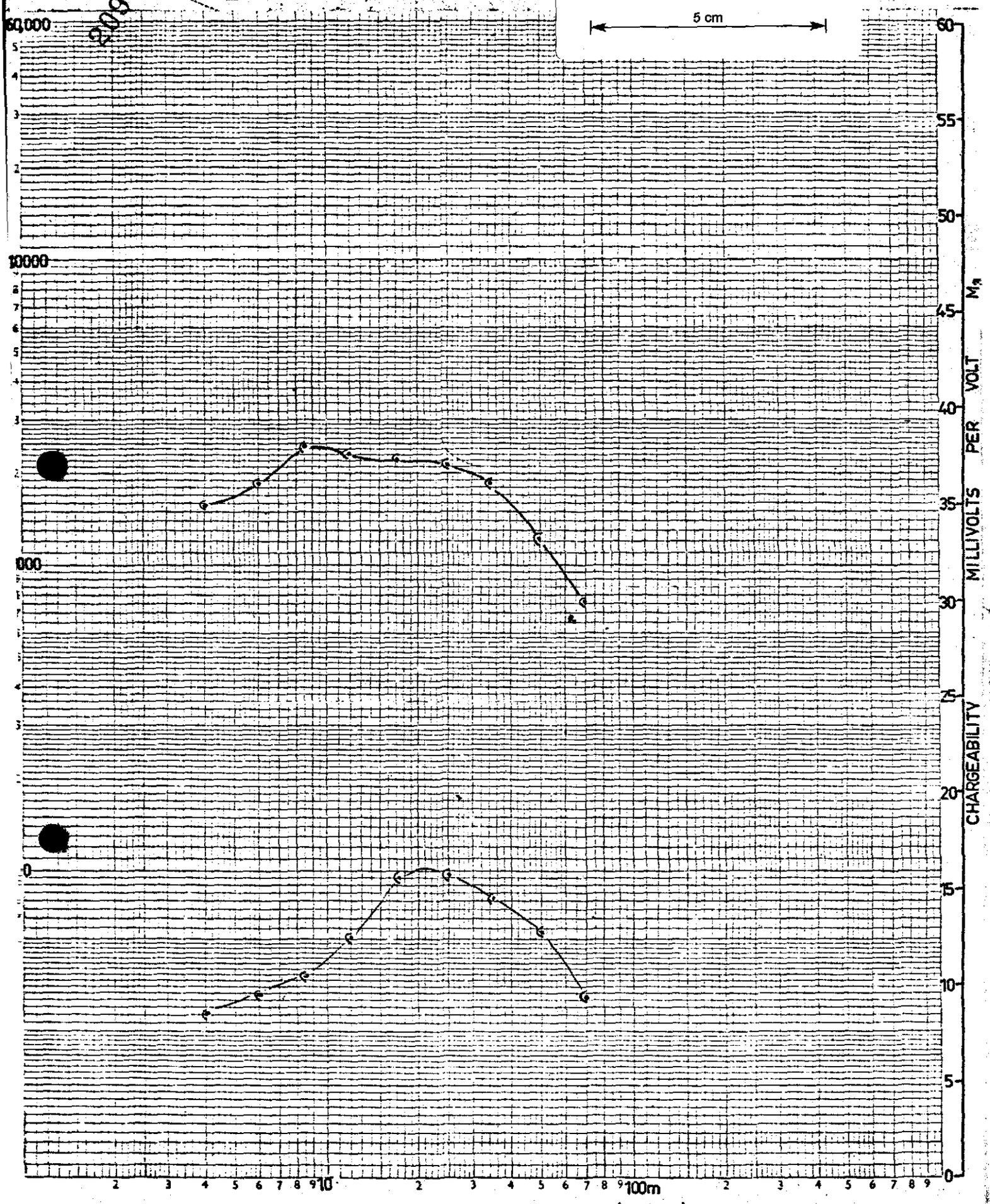
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K57 DATE : 4/9/79 - 5/9/79
LOCATION : 5N 310W. OPERATOR : P.J. Webb
BEARING : ..... Scintrex

104225

209



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

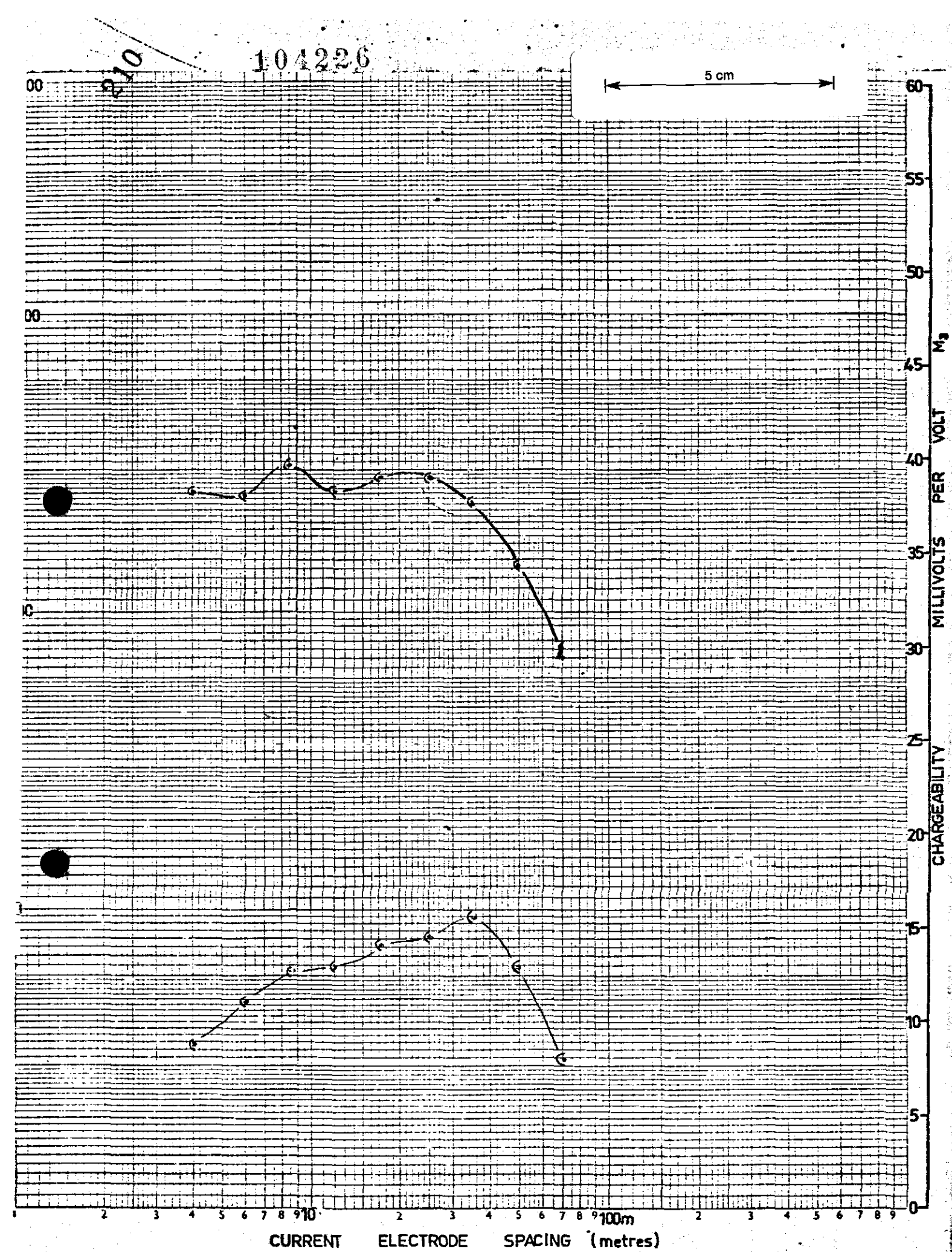
TEST Nº : K58 DATE : 5/9/79

LOCATION : 5IN 600W OPERATOR : D. J. [illegible]

BEARING : ..... Scintrex

210

104226



ANCHOR MINE LOTTAH GRID

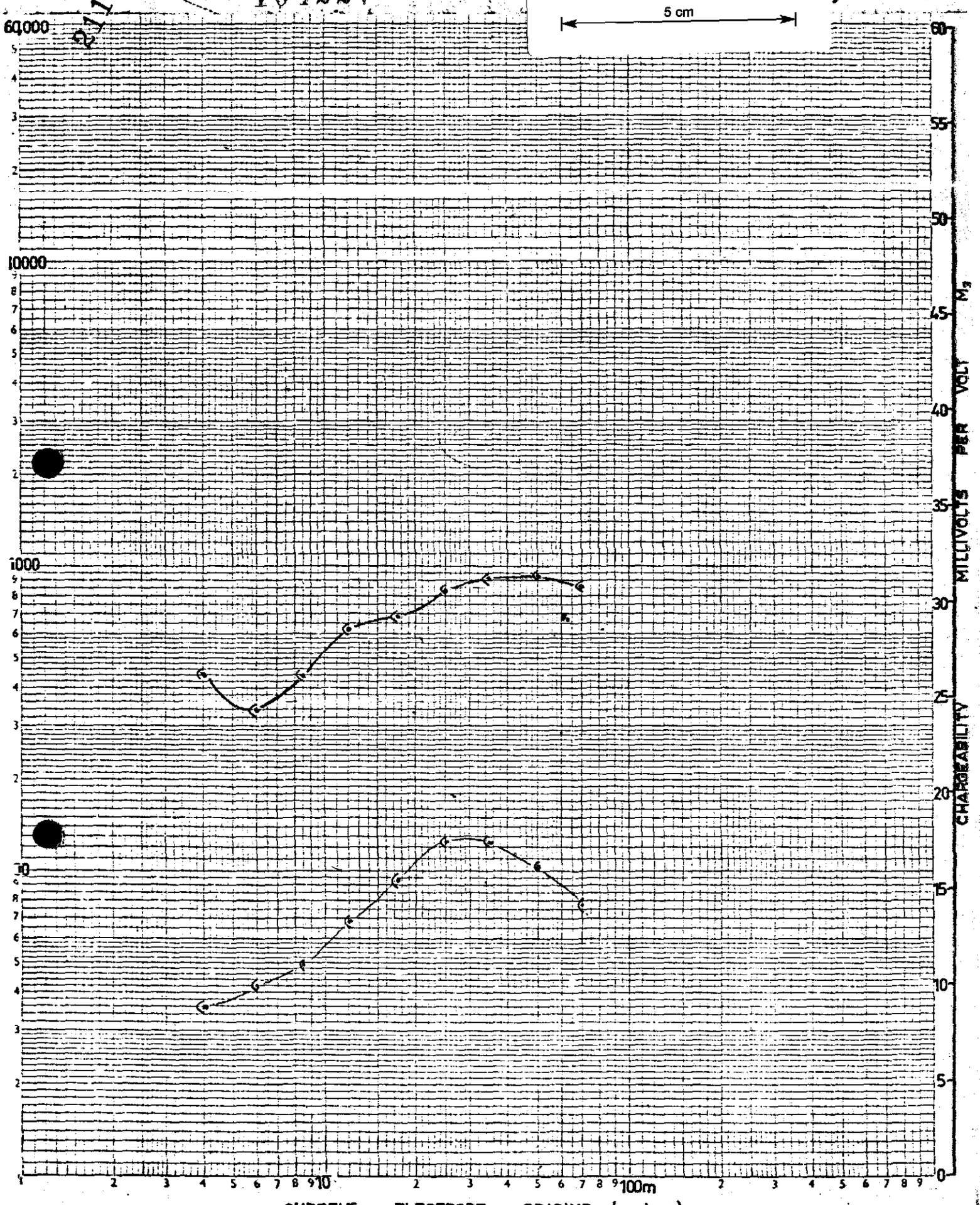
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K59 DATE : 5/9/79

LOCATION : SIN 900W OPERATOR: D. J. Webb Scintrex

BEARING : .....

104227



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K60 DATE : 5/9/79

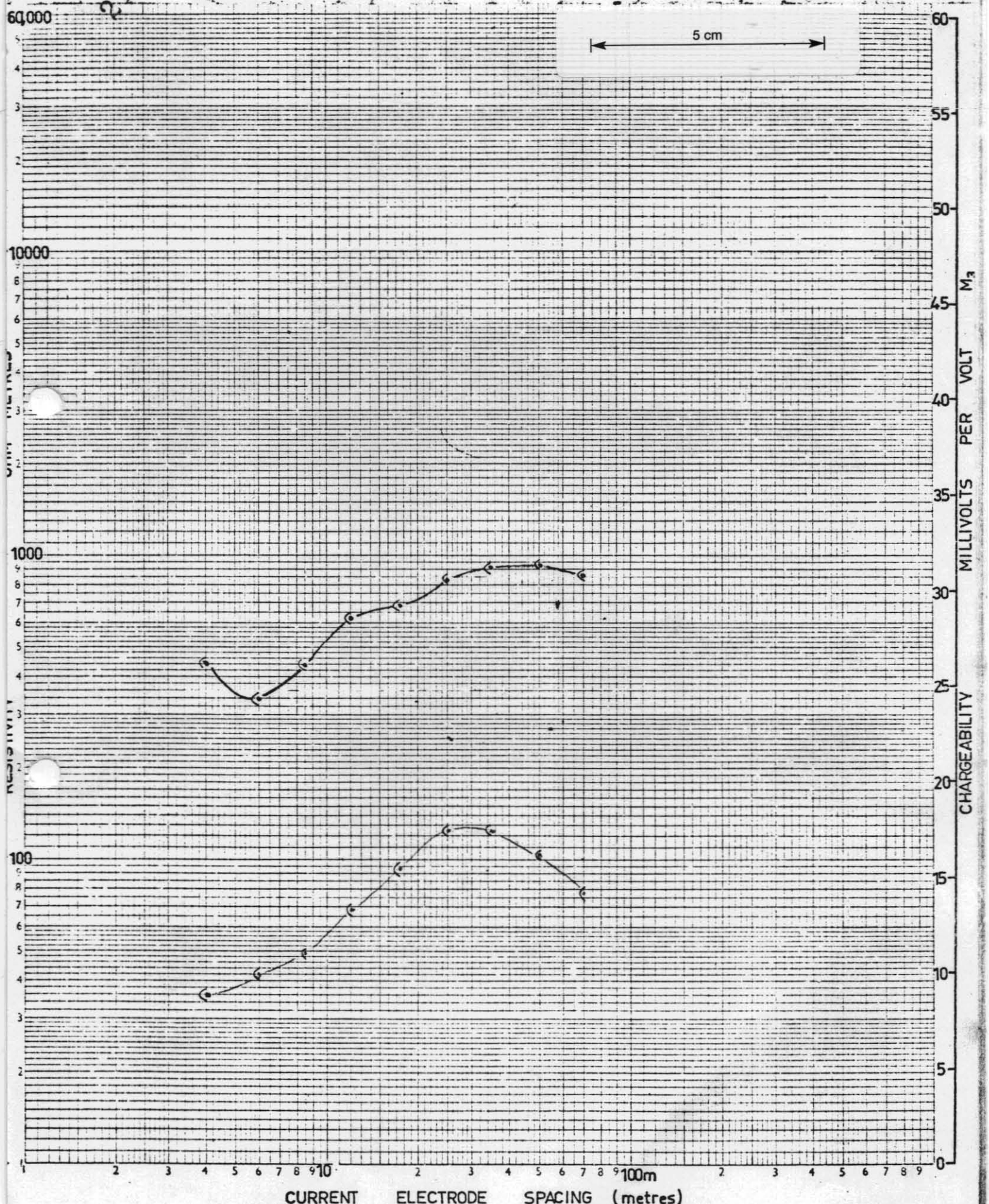
LOCATION : SIN 1210W OPERATOR : D.J. Webb

BEARING : ..... Scintrex

104228

213

5IN



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K60 DATE : 5/9/79

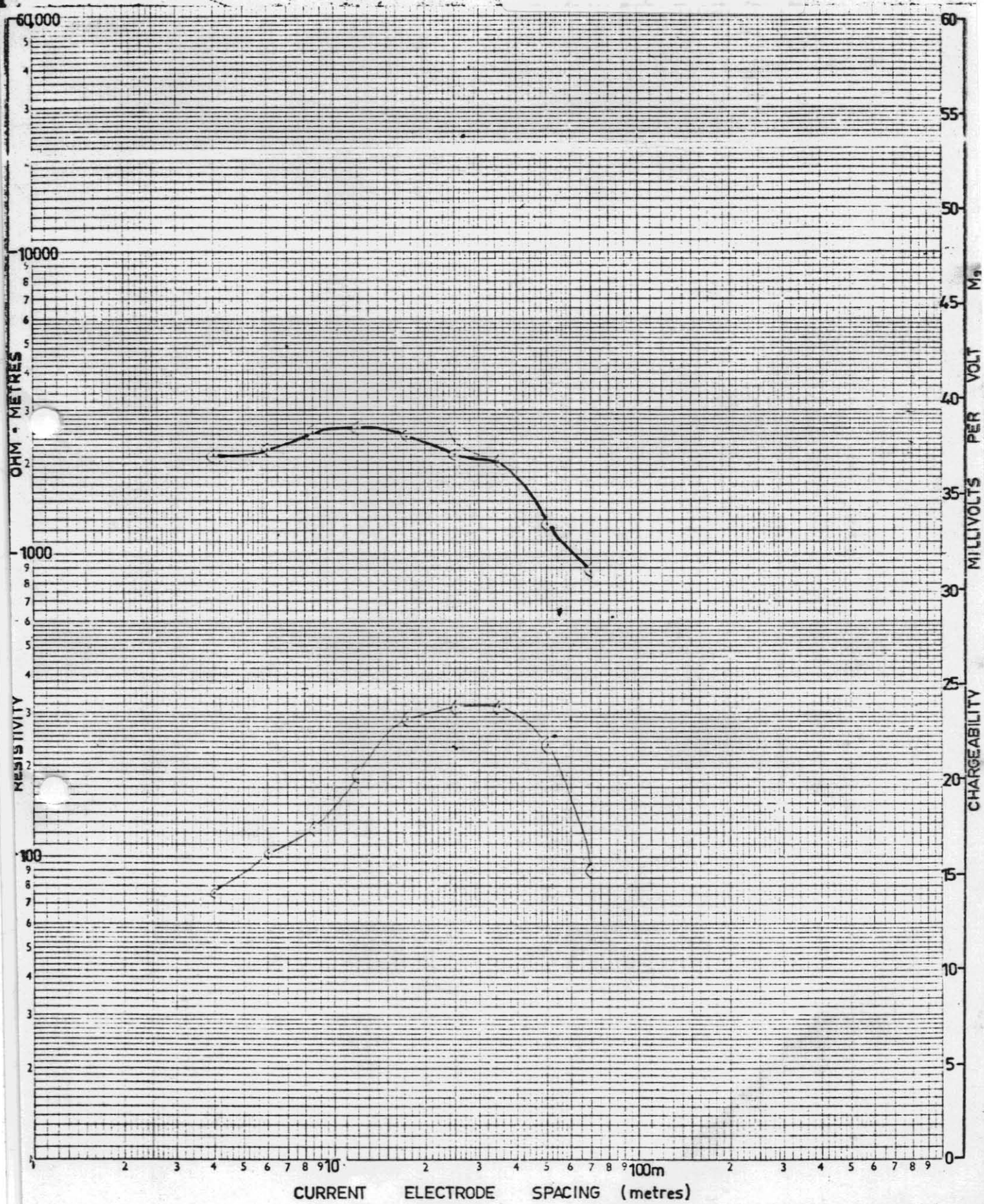
LOCATION : 5IN 1210W OPERATOR : D. J. Webb

BEARING : ..... Scintrex

212

104229

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K61 DATE : 5/7/79

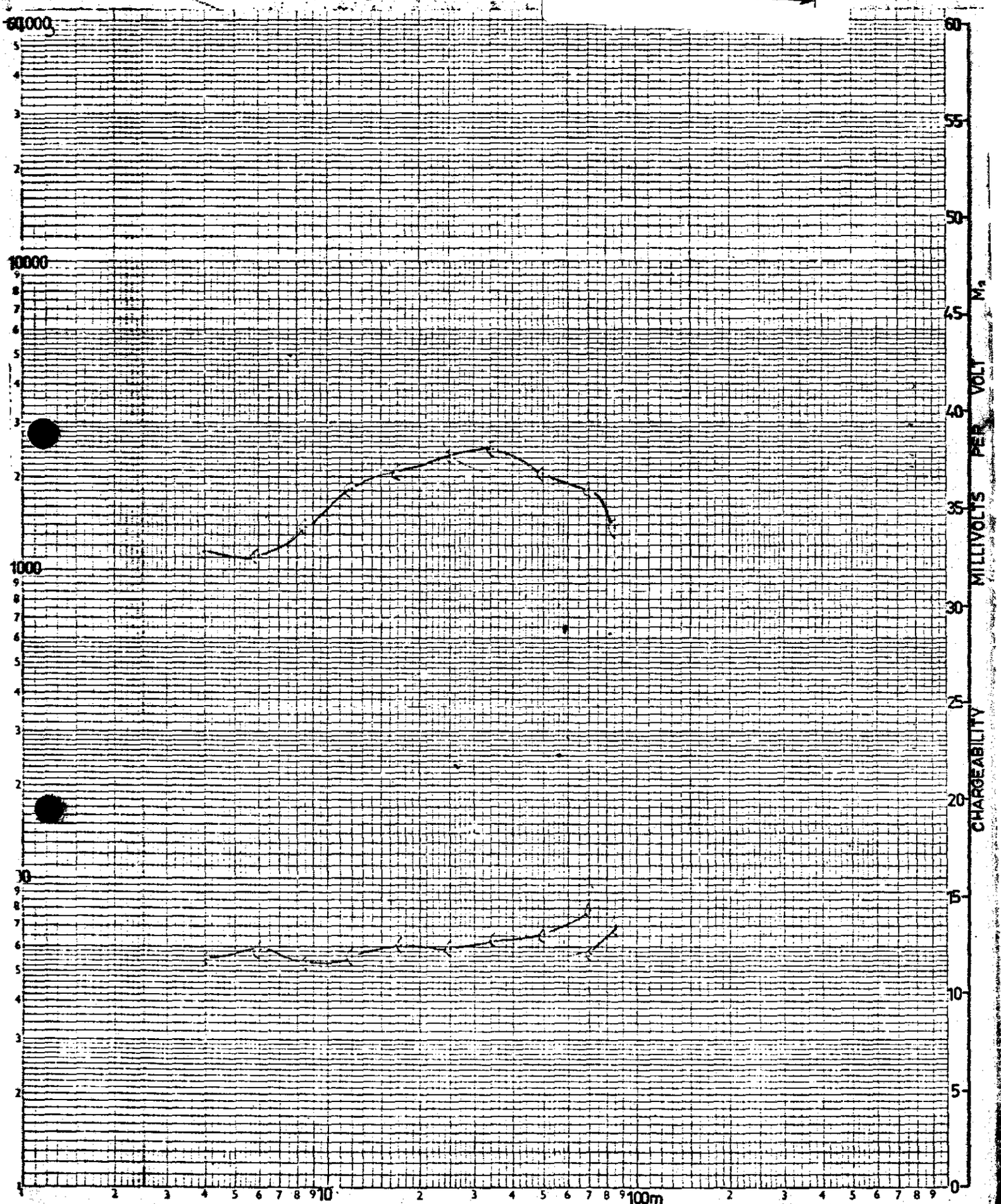
LOCATION : SW 100W OPERATOR : [illegible]

BEARING : .....

214

104230

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K62 DATE : 6/9/79

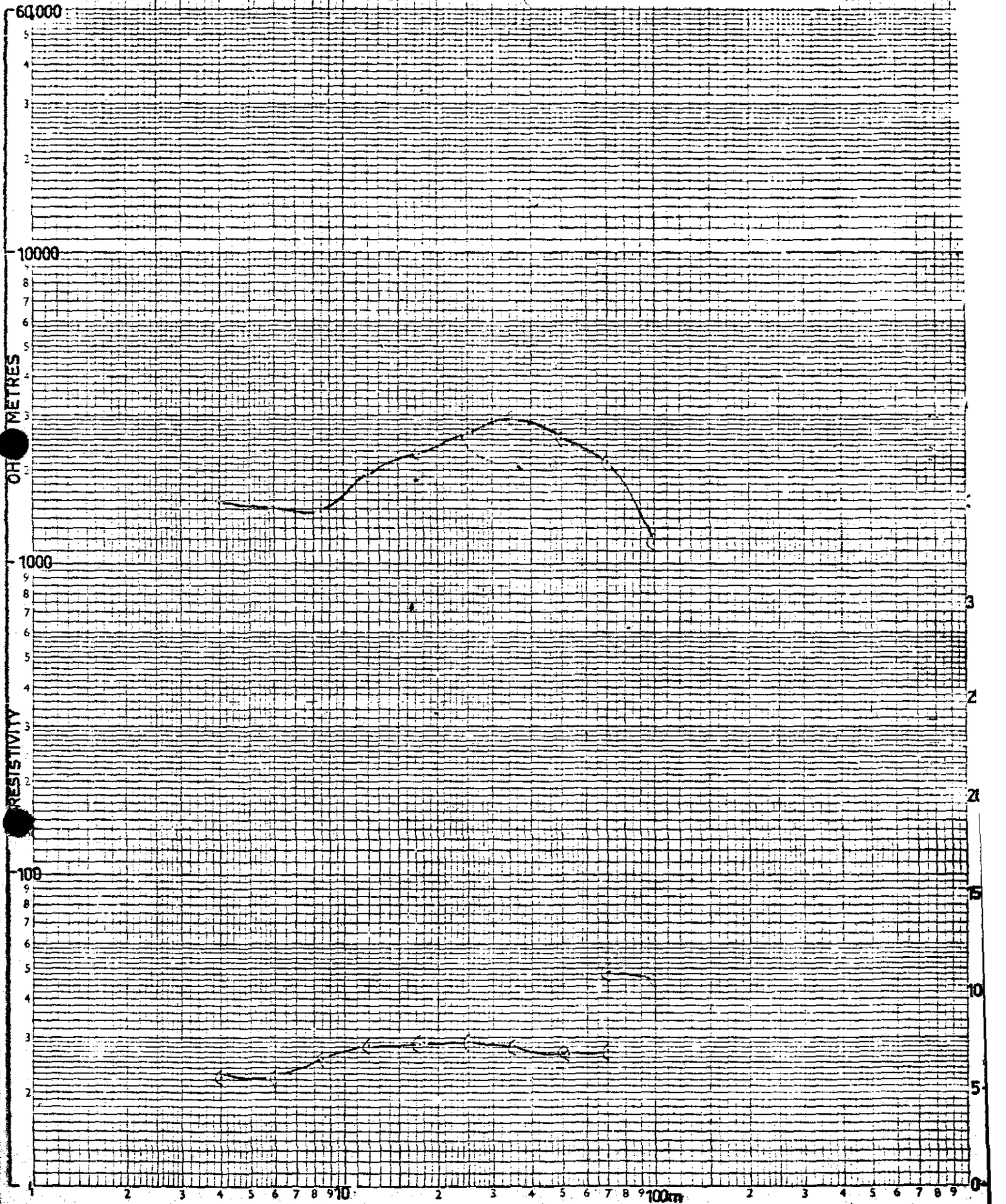
LOCATION : 54N, 300W OPERATOR : [illegible]

BEARING : .....

215

104231

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K63 DATE : 6/9/79

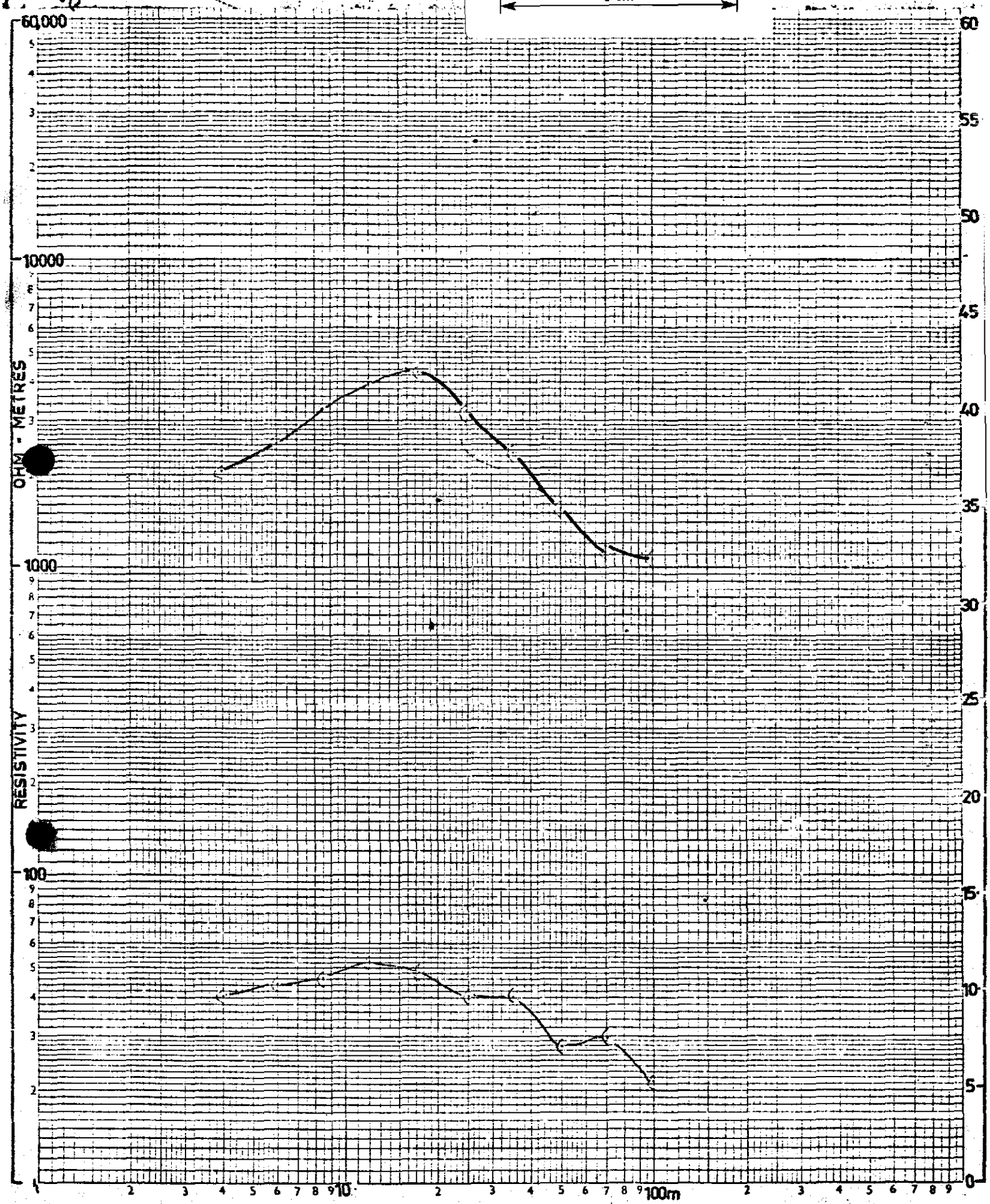
LOCATION: [illegible] OPERATOR: R.G.L.

BEARING: .....

216

104232

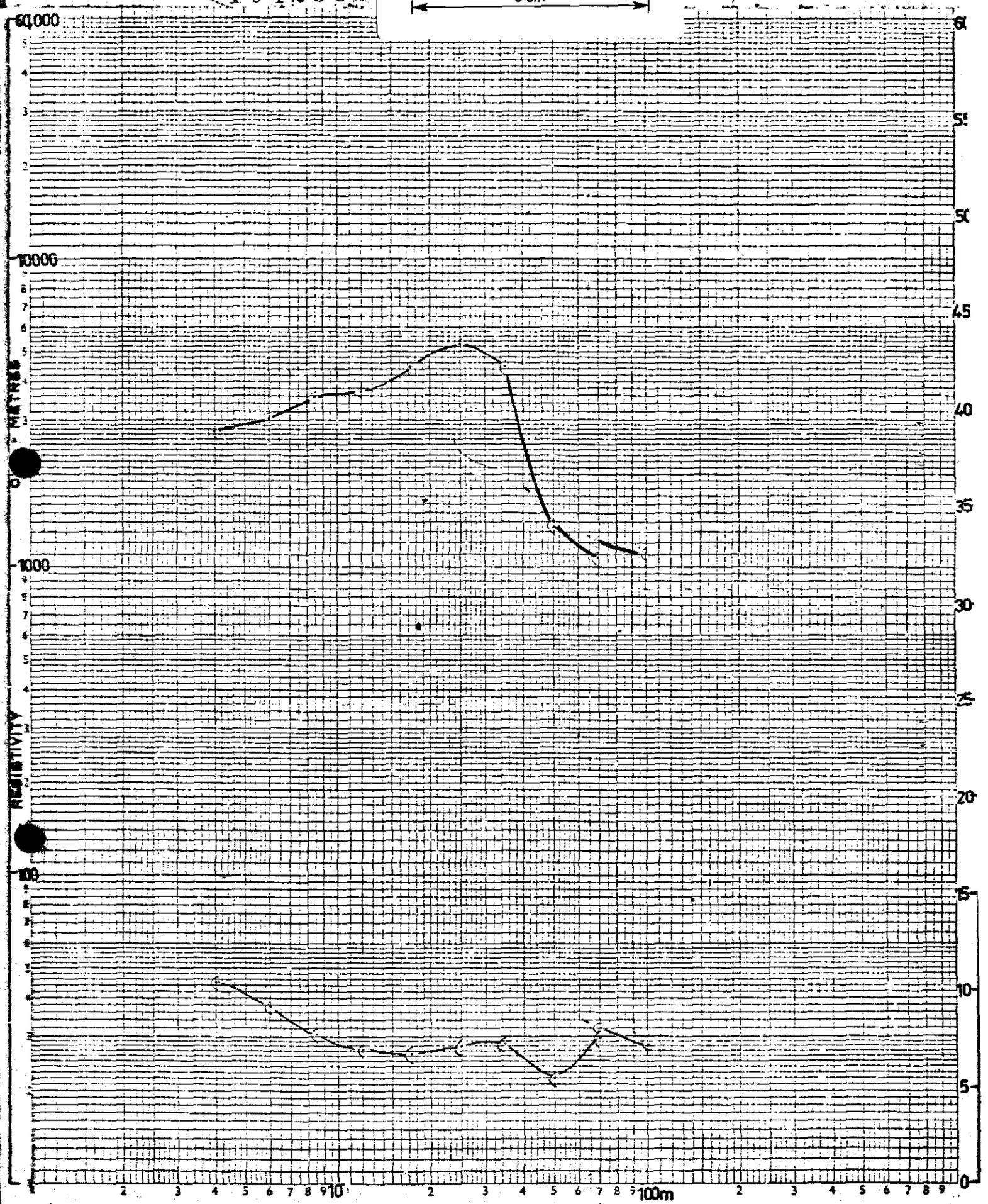
5 cm



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST N° : K6t DATE : 7/9/79
LOCATION : 54N 900W OPERATOR : D.J.W.
BEARING : .....

21 104233 54N



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

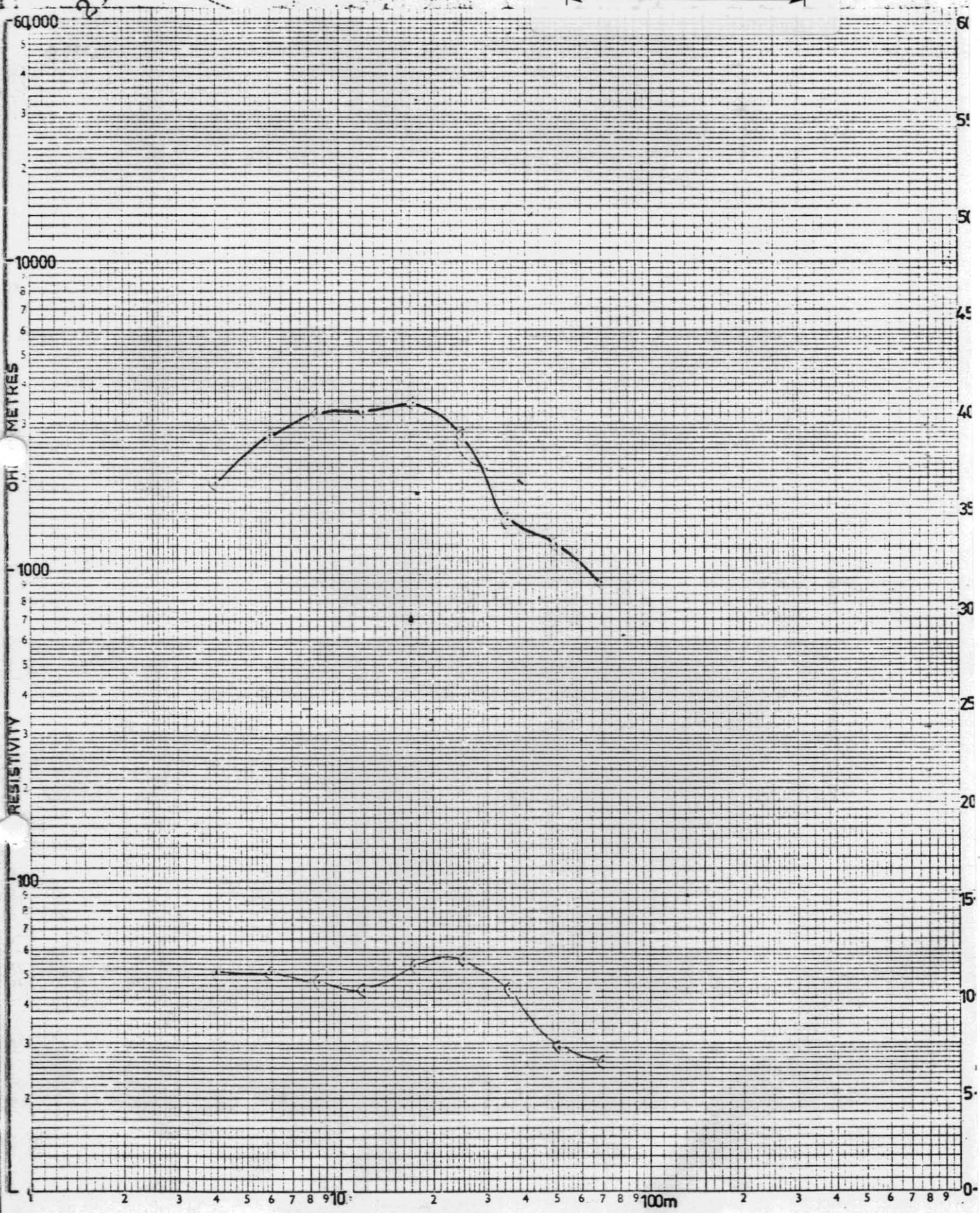
TEST Nº: K65 DATE: 7/9/79

LOCATION: 54N 1200 OPERATOR: D.J.W.

BEARING: .....

104234

218



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

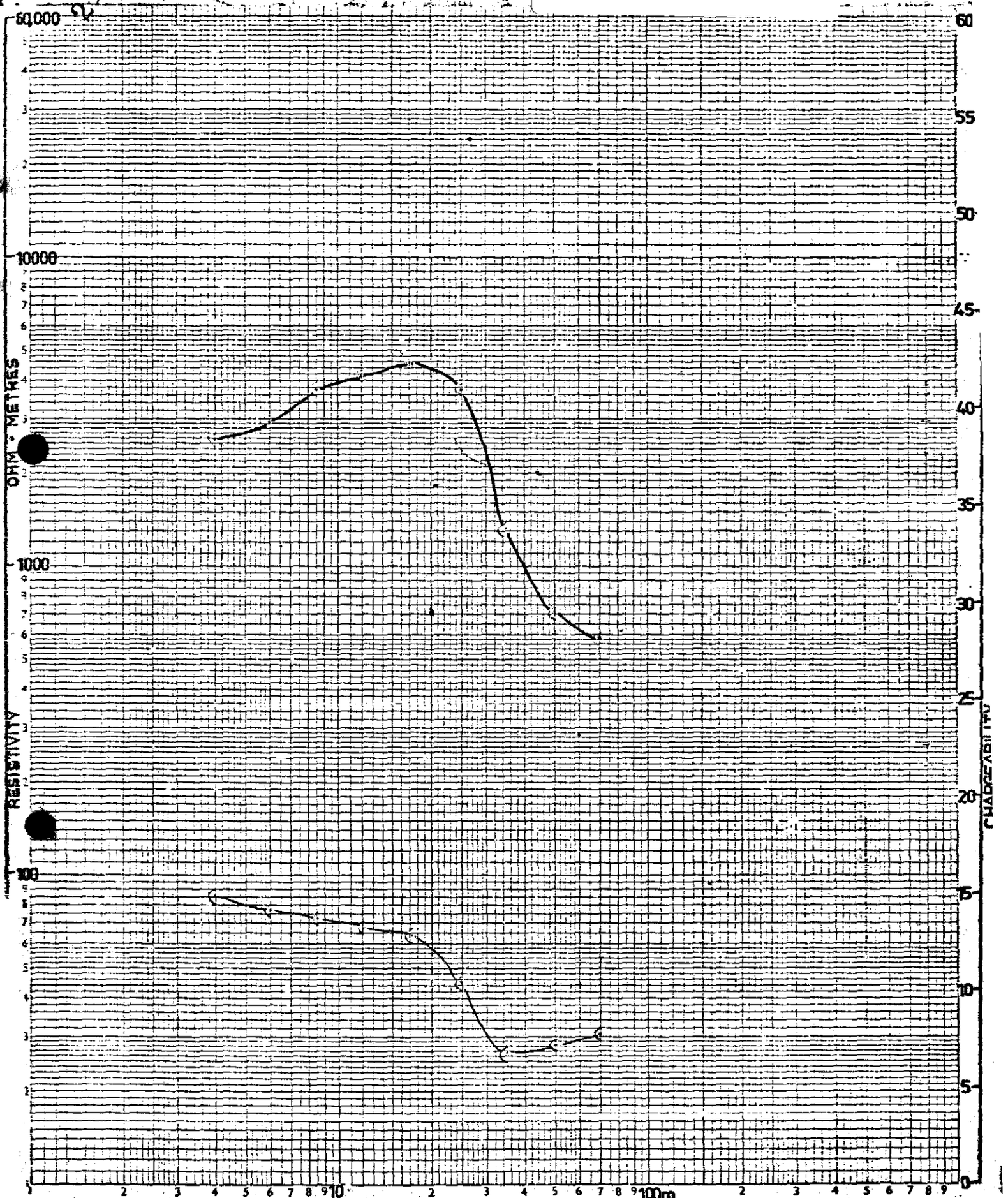
TEST Nº : K66 DATE : 8/9/79

LOCATION: 57N 120W OPERATOR: D.J.

BEARING: .....

219

104235



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K67 DATE : 8/9/79

LOCATION : 57N 15000 OPERATOR : D.G.W.

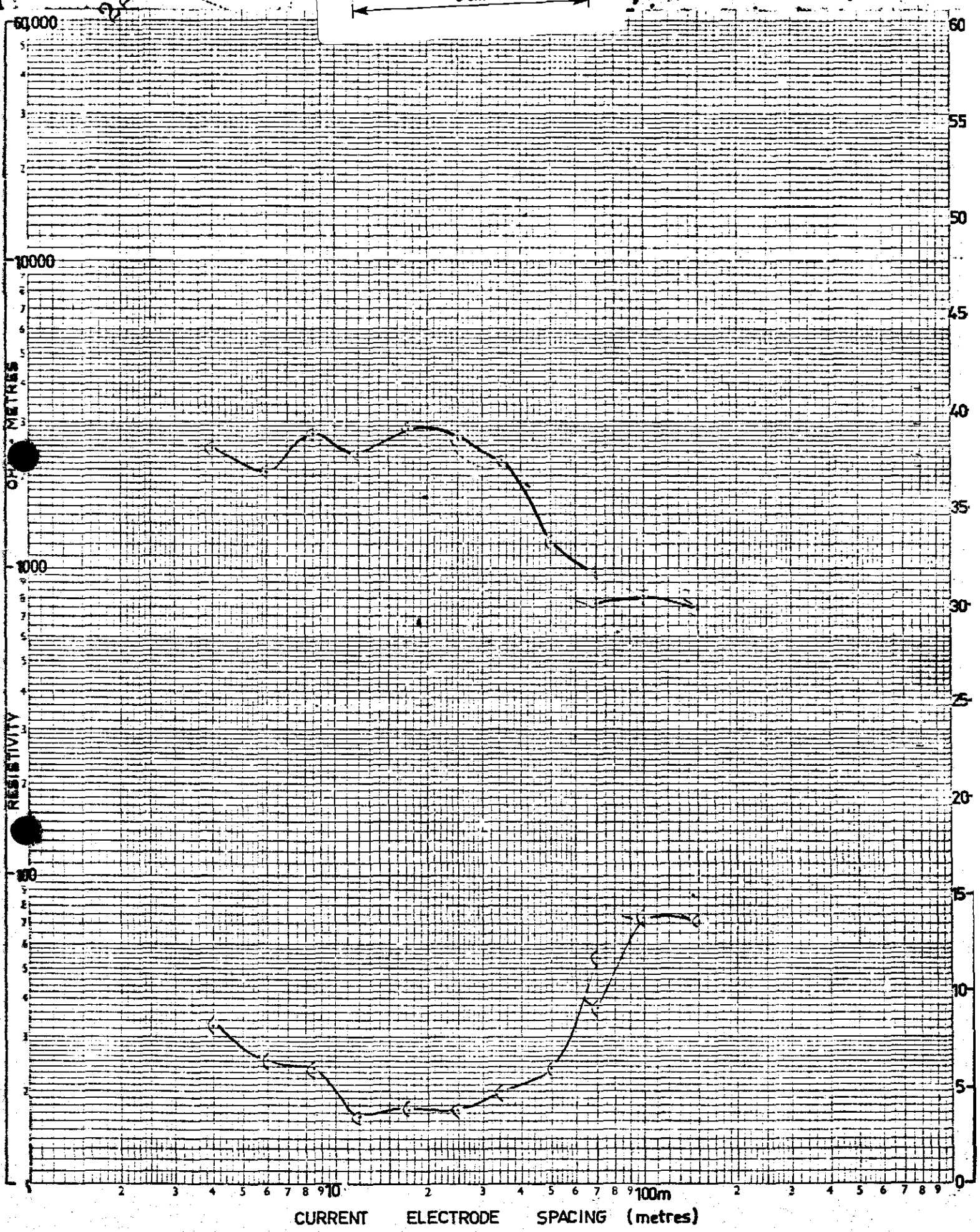
BEARING : .....

104236

220

5 cm

5 1/N



ANCHOR MINE LOTTAH GRID

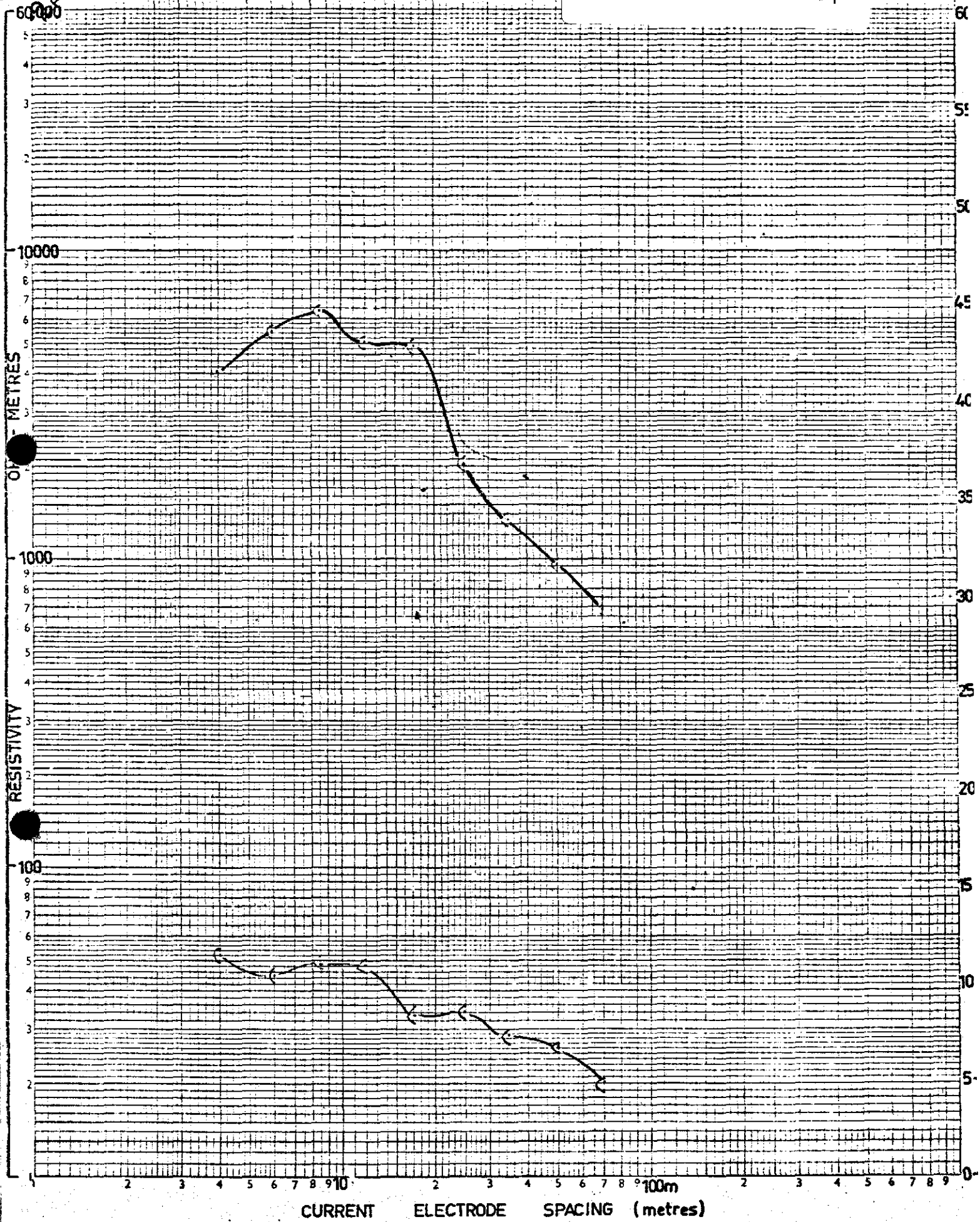
— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K68 DATE: 8/9/79

LOCATION: 57N 1800W OPERATOR: D.J.W.

BEARING: .....

104237



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K69 DATE : 12/9/79.

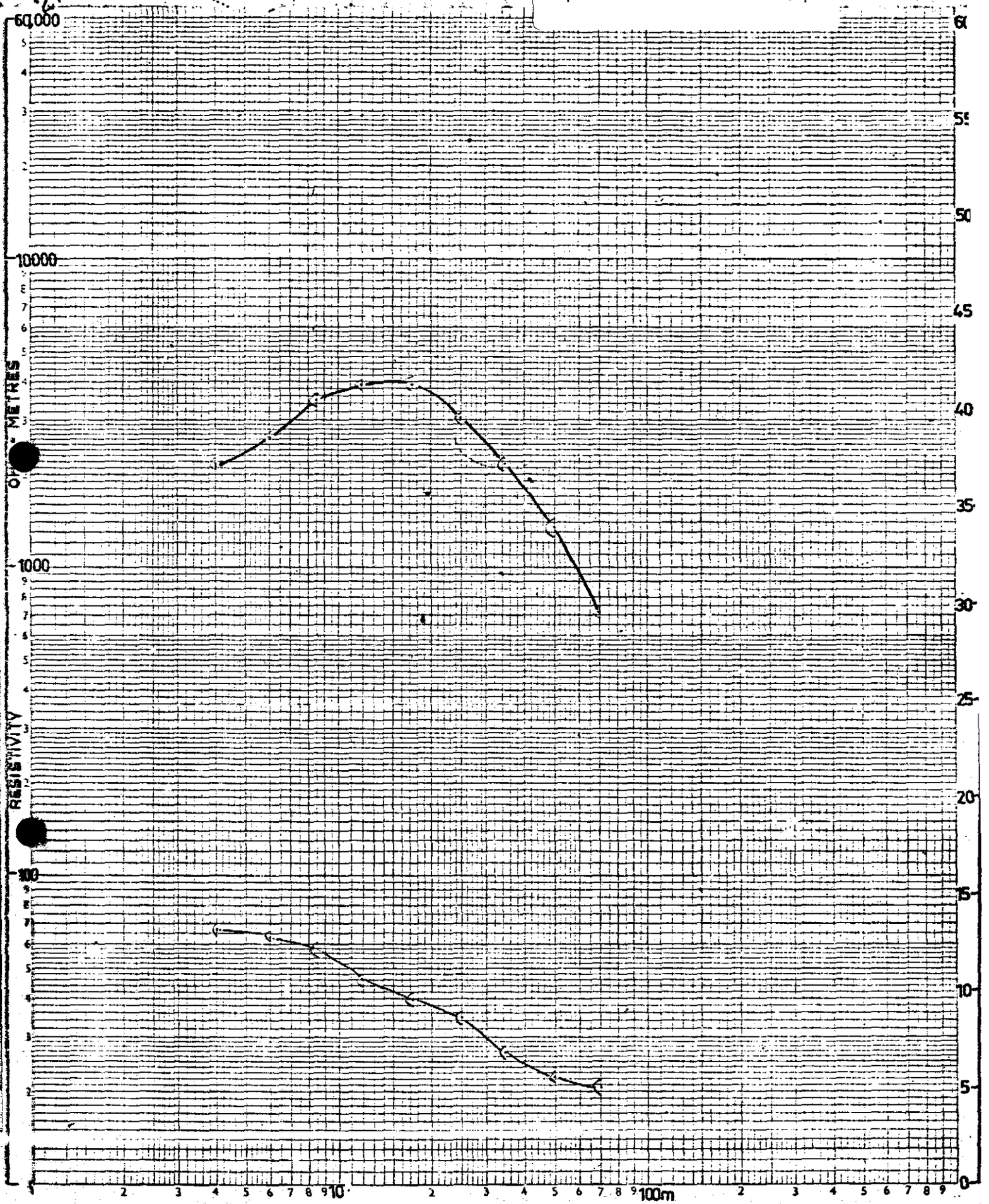
LOCATION : 6RN 900W OPERATOR: D.J.W

BEARING : .....

222

104238

5 cm



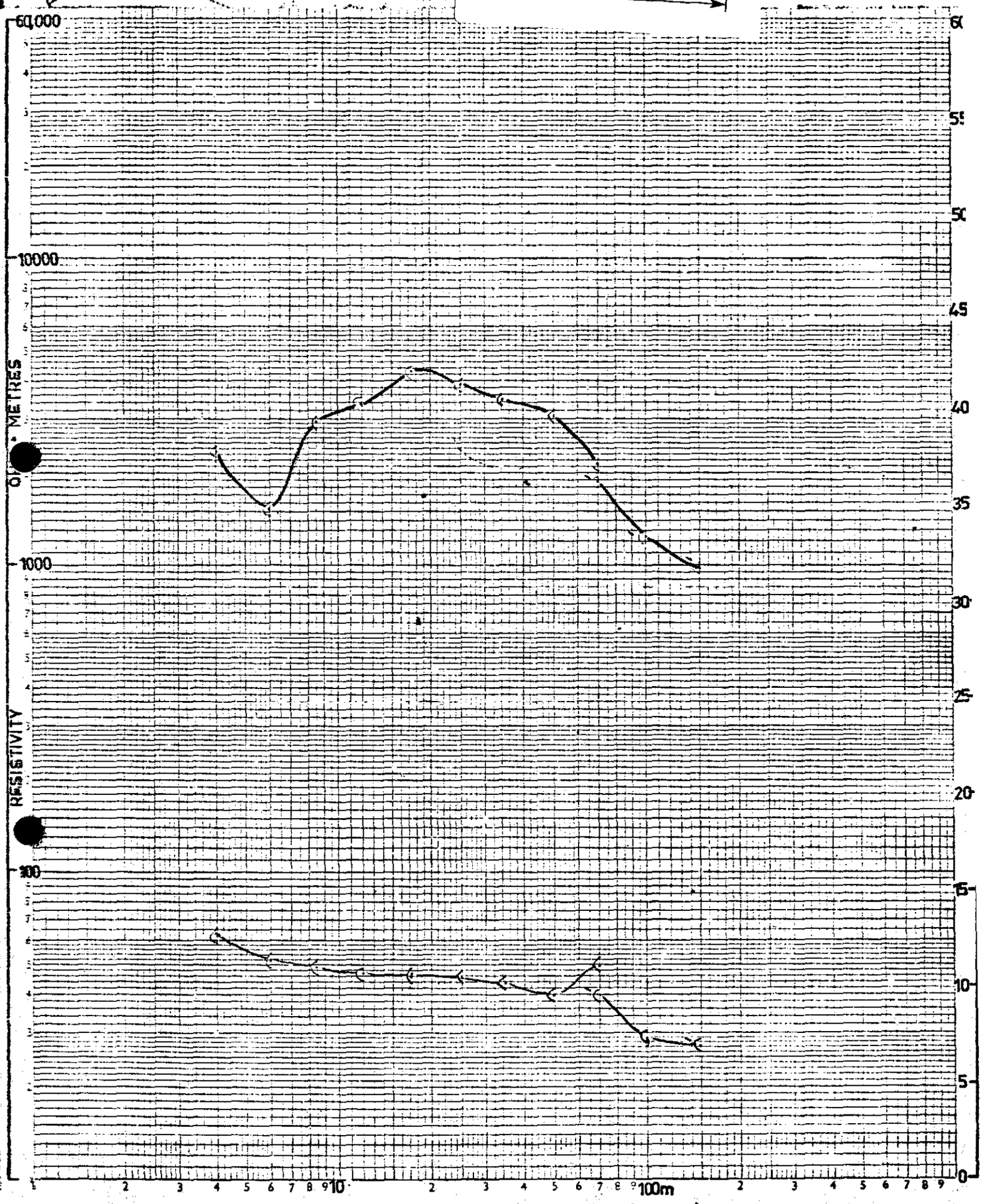
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K70 DATE : 12/9/79
LOCATION : 60N. 1200W OPERATOR : D.S.W.
BEARING : .....

225

104239

5 cm



CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K71 DATE : 12/9/79

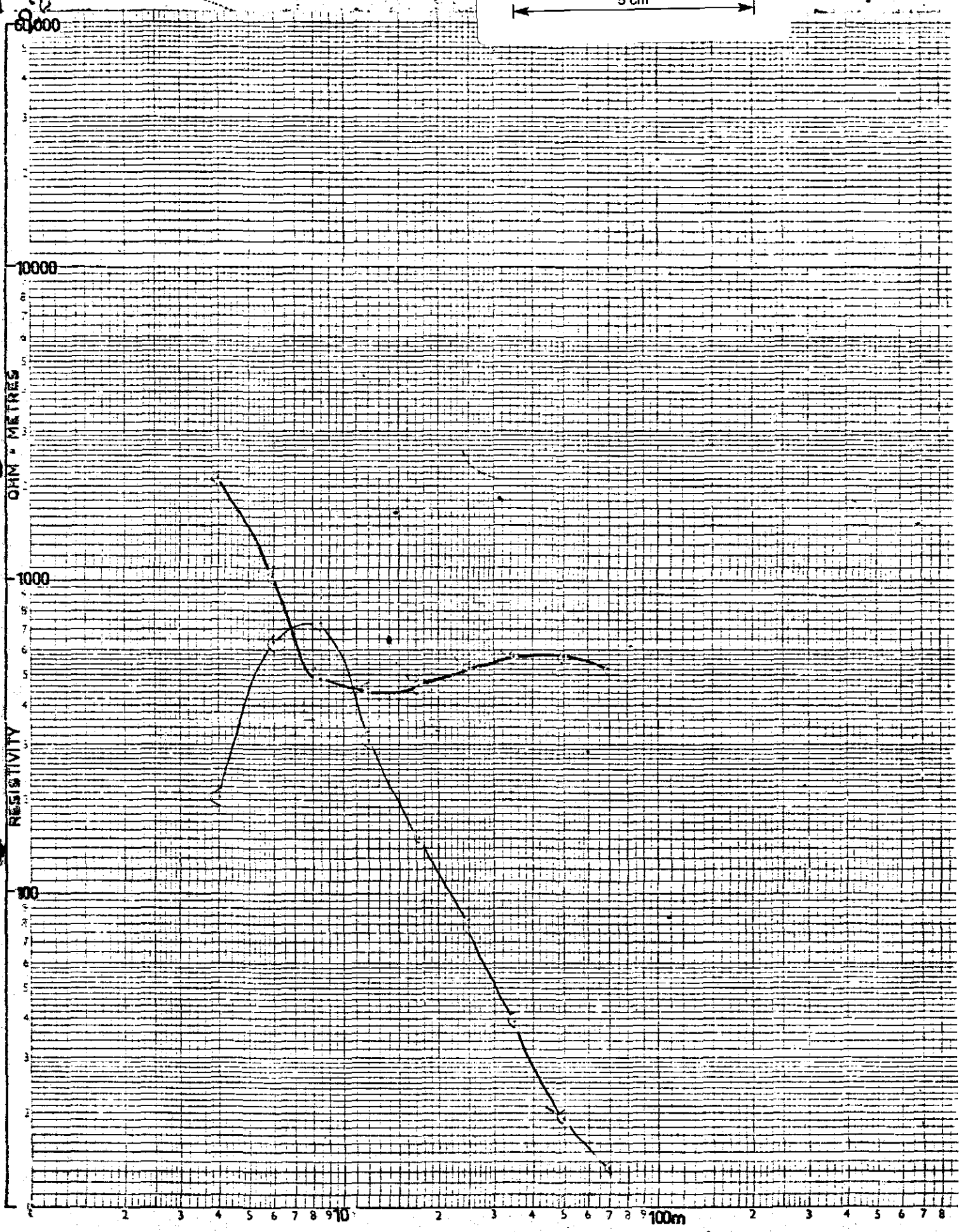
LOCATION: 60N, 1500W OPERATOR: A.S.W

BEARING: .....

104240

024

5 cm



CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K.72 DATE : 12/9/1

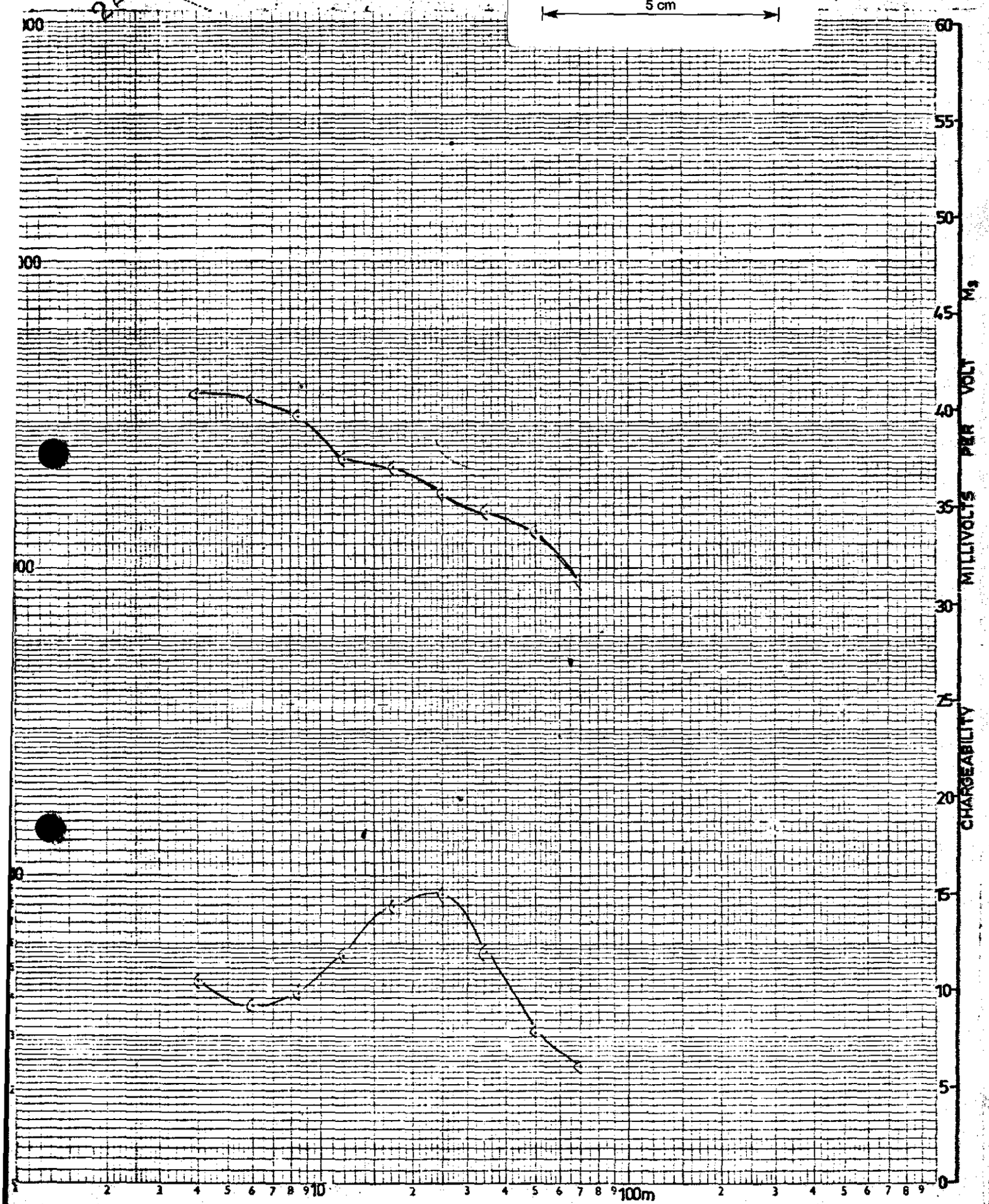
LOCATION : 60N. 600W OPERATOR: ..

BEARING : .....

104241

225

5 cm



CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

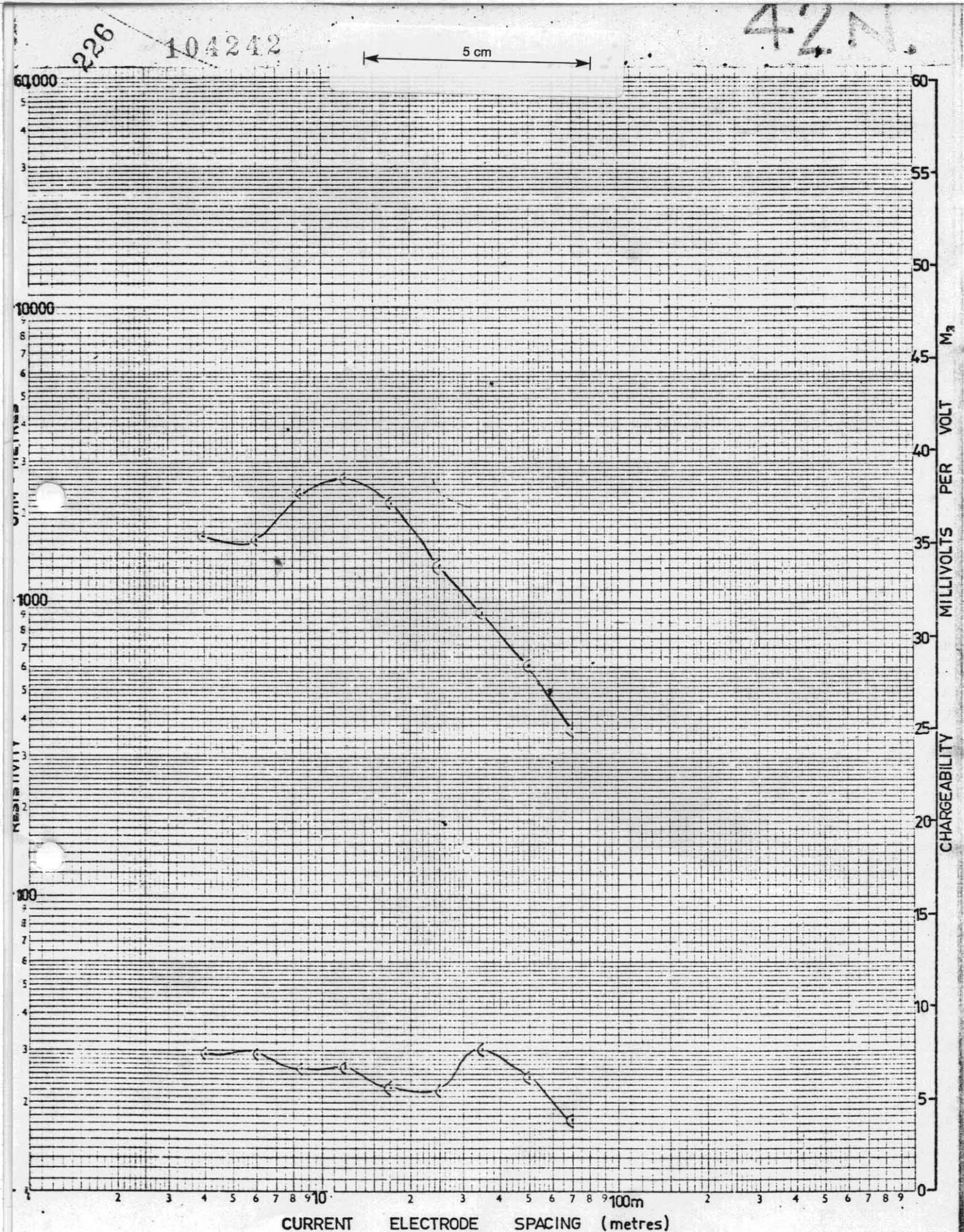
TEST Nº : K73 DATE : 13/9/79

LOCATION : 60N. 300W OPERATOR : D. J. W.

BEARING : .....

226 104242

42N.



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

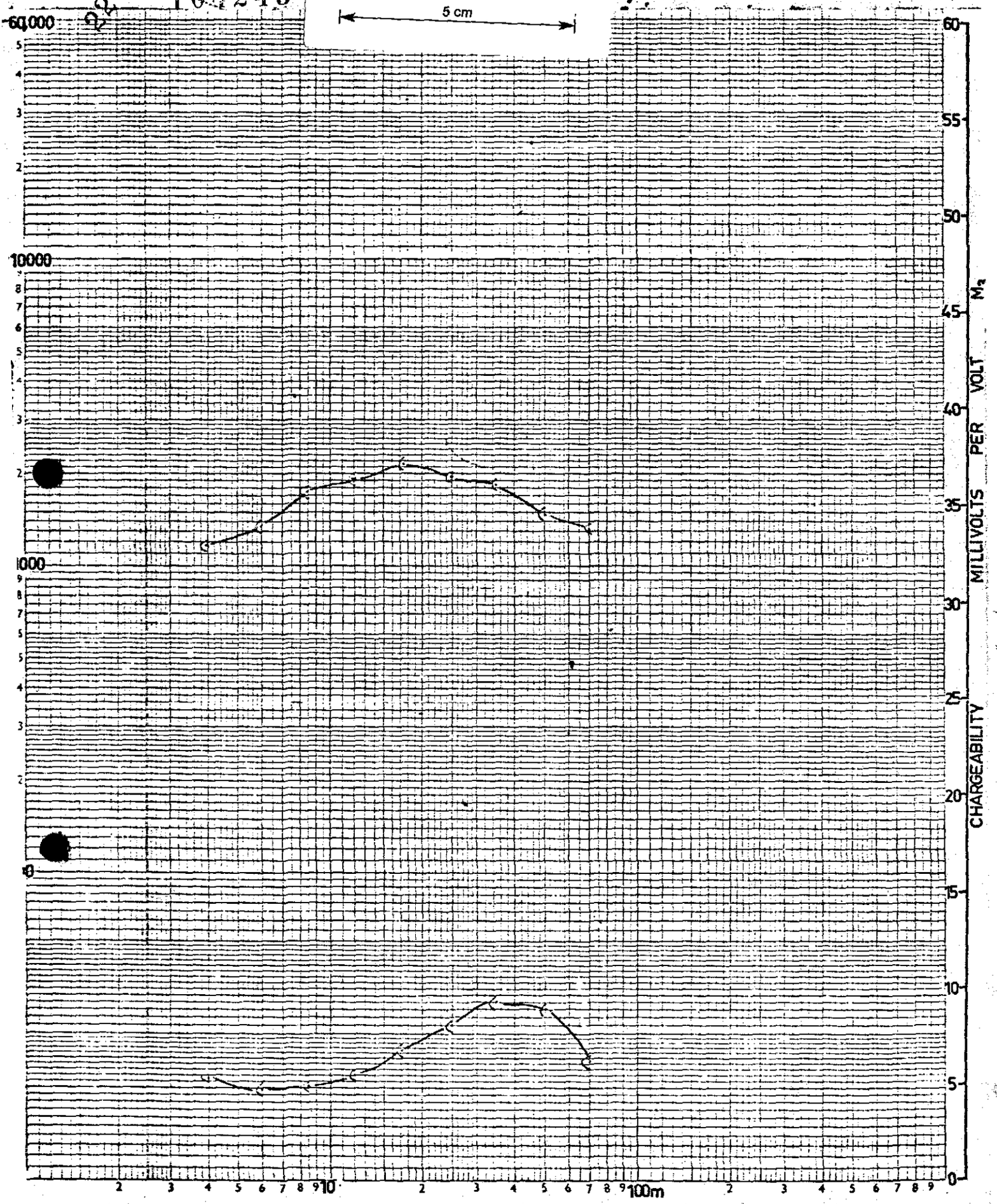
TEST Nº : K74 DATE : 13/9/79

LOCATION : 42N 1500W OPERATOR : D.J.W.

BEARING : .....

92 104243

5 cm



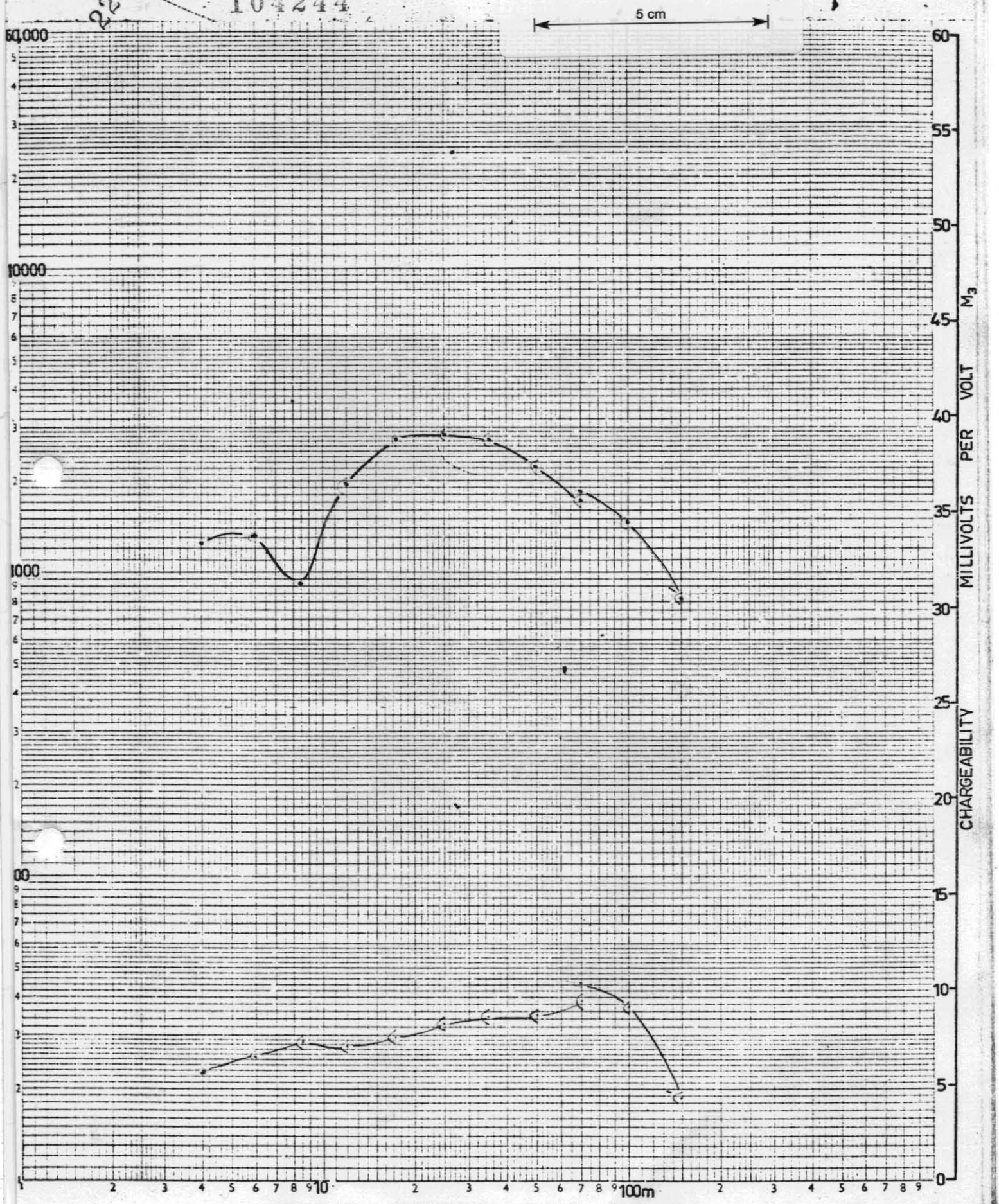
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K 75 DATE : 13/9/79
LOCATION : 42N. R20W OPERATOR: D.G.W.
BEARING : .....

228

104244



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

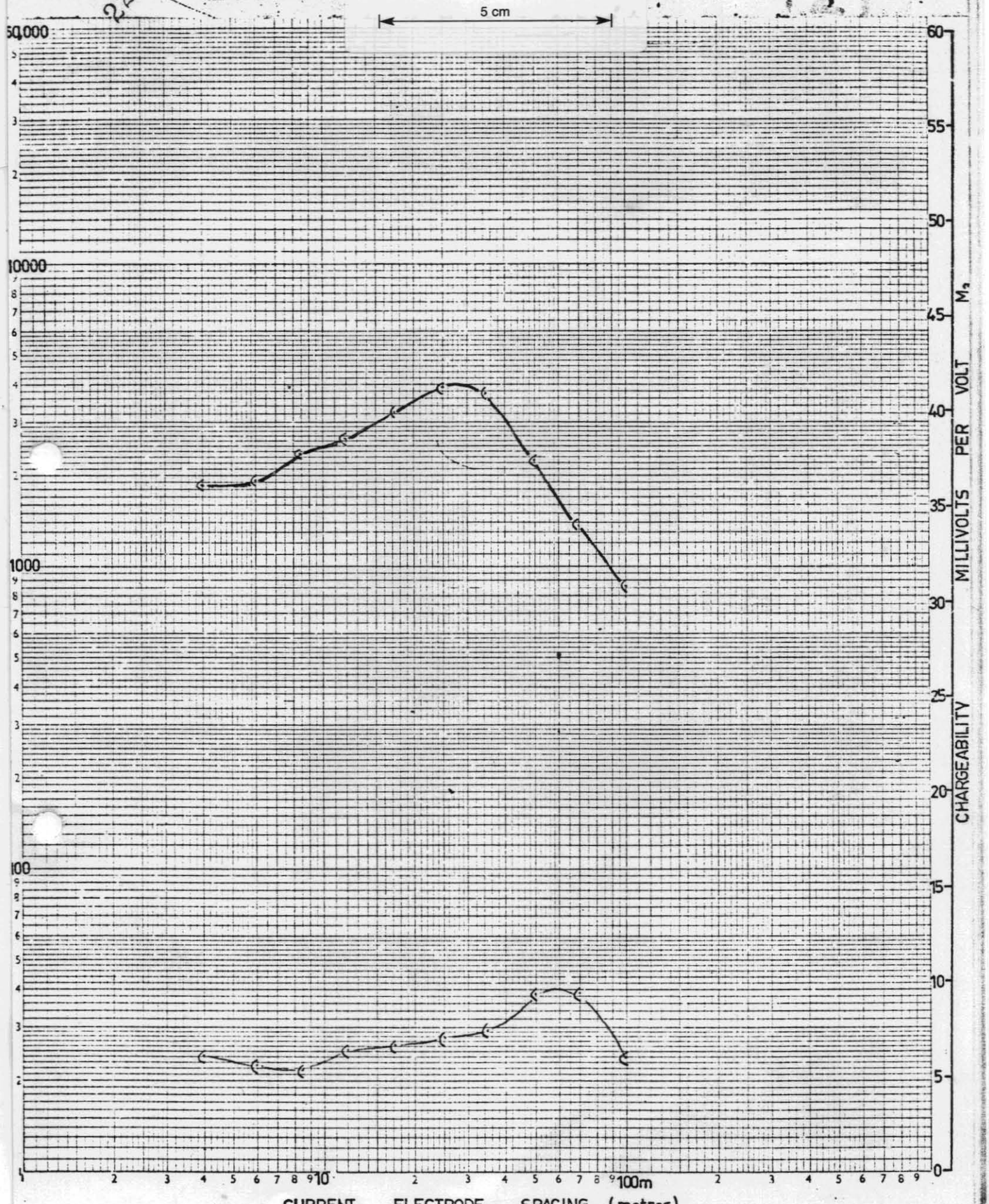
TEST Nº : K.76 DATE : 13/9/79

LOCATION : 42N 900W OPERATOR : D.J.W.

BEARING : .....

229 104245

42N



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K77 DATE: 14/9/79

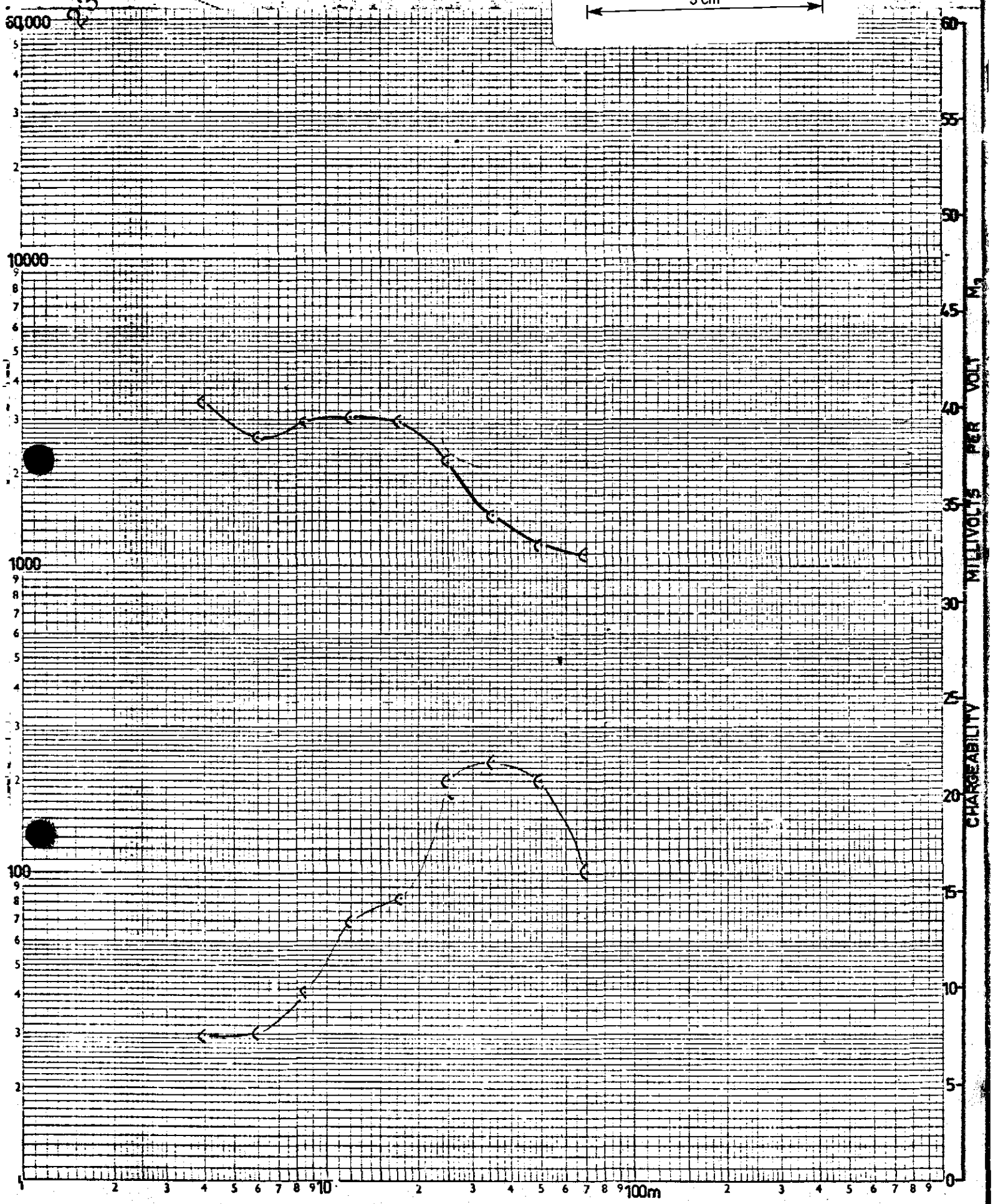
LOCATION: 42N 1800W OPERATOR: DJW

BEARING: .....

230

104246

5 cm

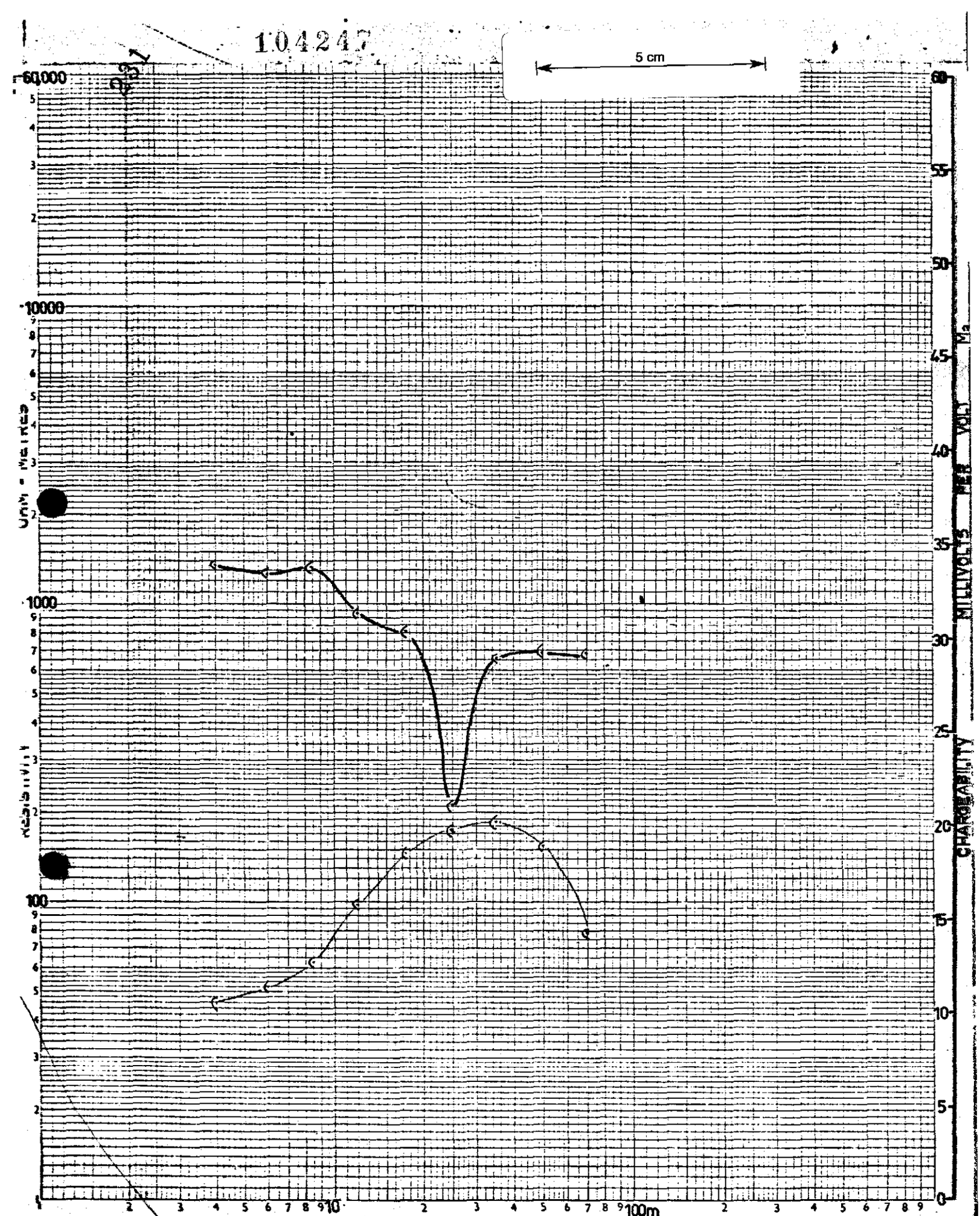


CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K78 DATE : 14/9/79
LOCATION : 48N 2100W OPERATOR : D.J.W.
BEARING : .....

104247



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

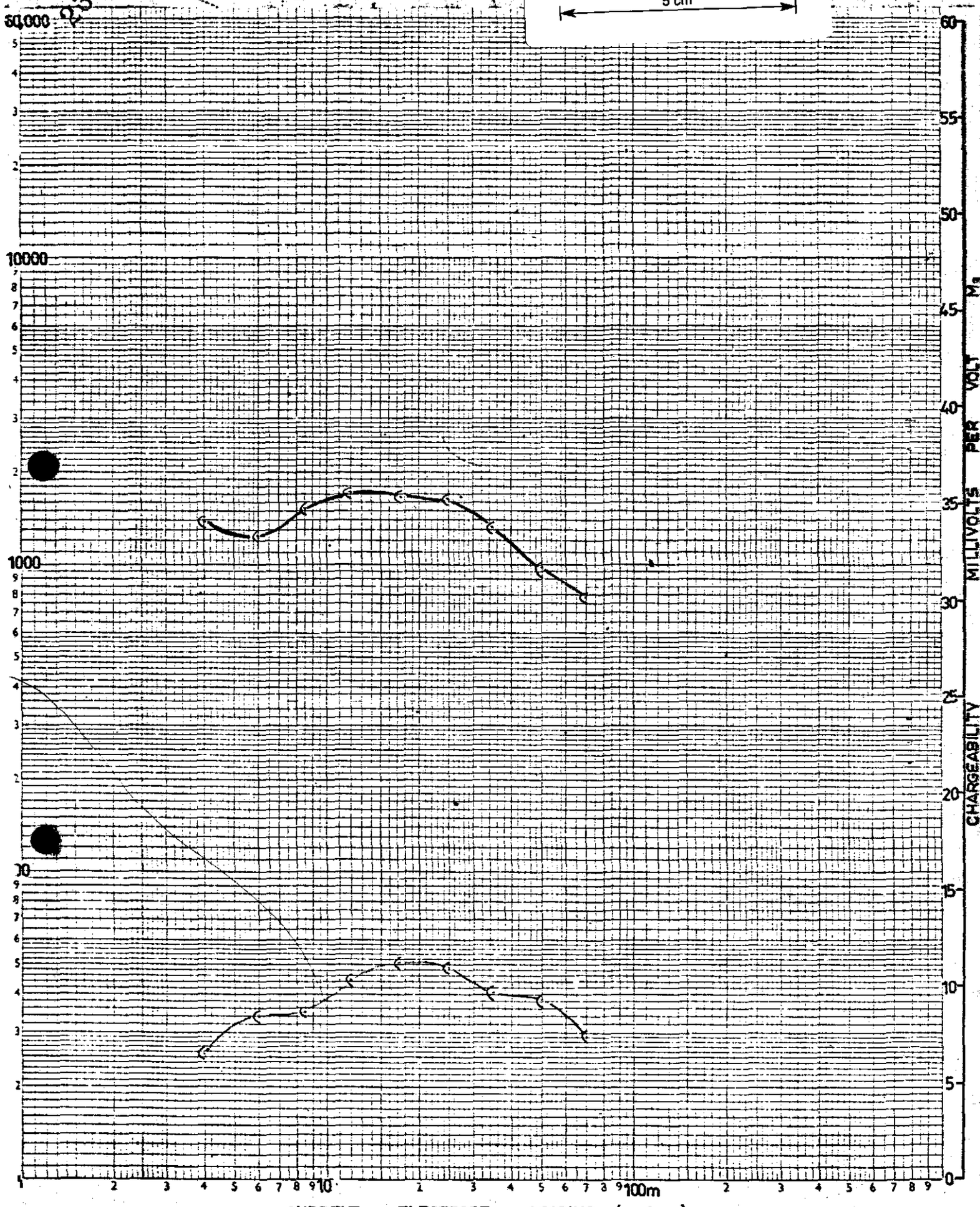
TEST Nº : K79 DATE : 14/9/79

LOCATION : 48N 1800W OPERATOR : [illegible]

BEARING : .....

104248

232



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K80 DATE : 14/9/79

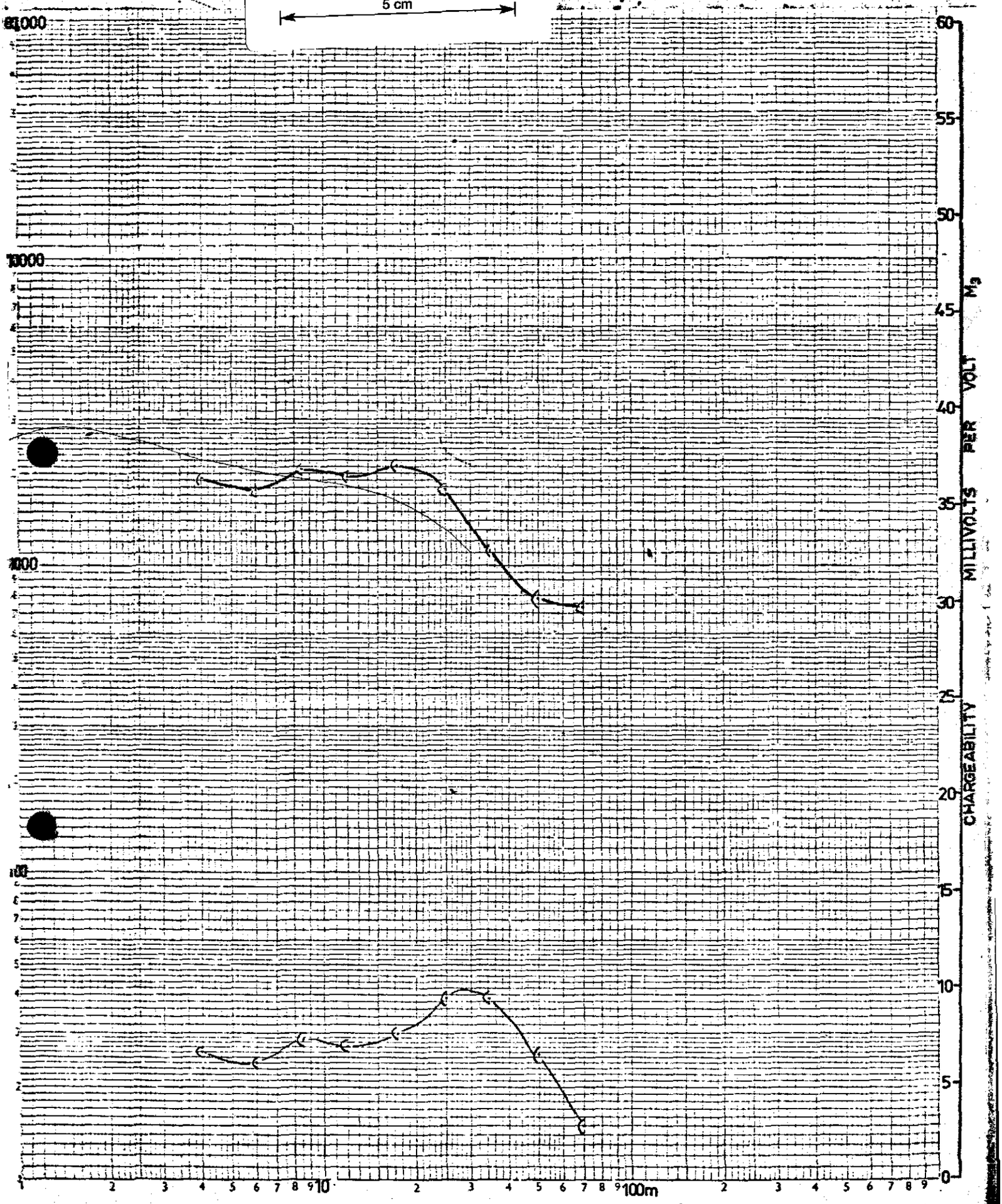
LOCATION : 48N 15ppW OPERATOR : DJW

BEARING : .....

23

104249

5 cm



CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K81 DATE : 14/9/79

LOCATION : 43N 2400W OPERATOR: DJW

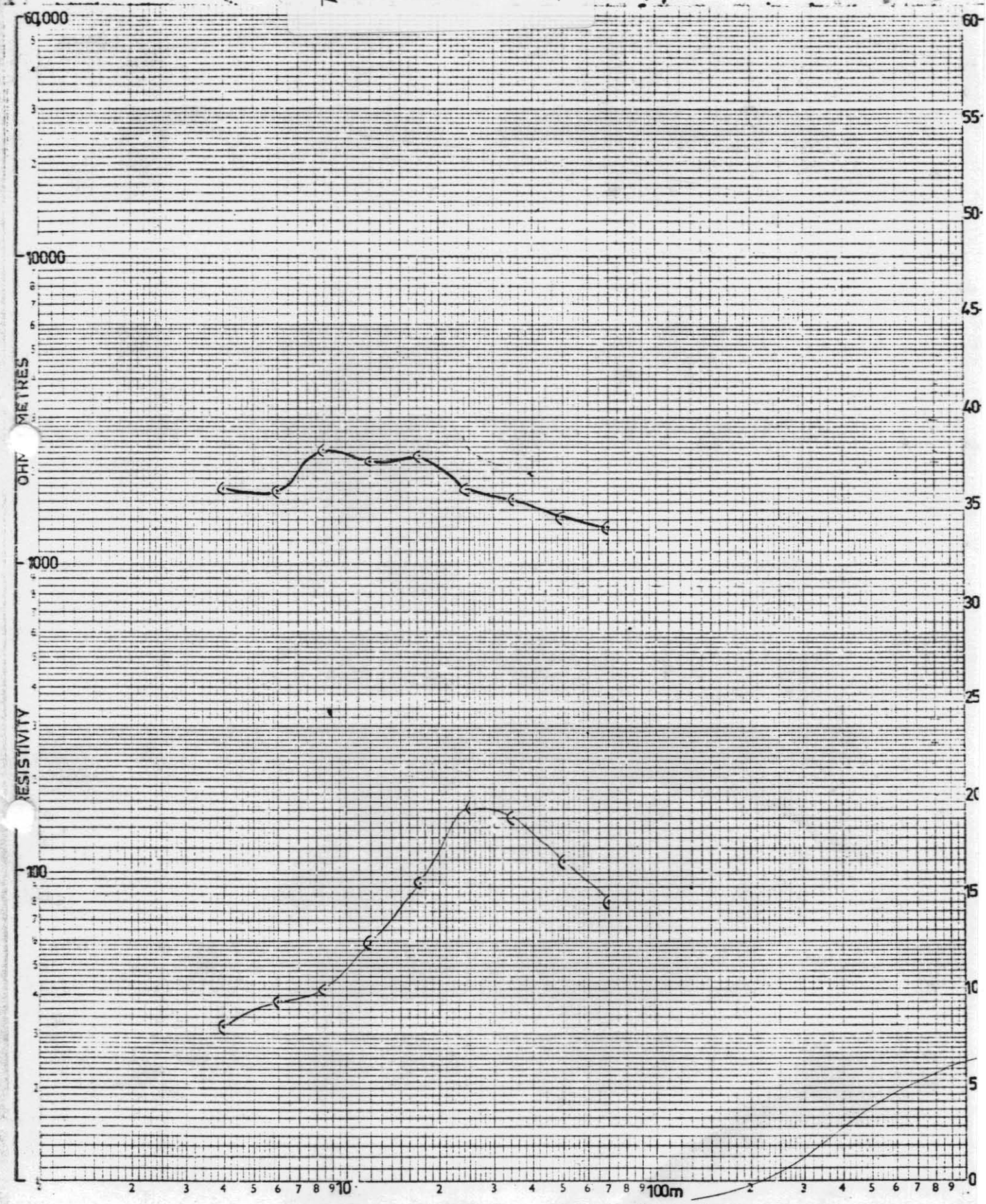
BEARING : .....

234

104250

5 cm

54N



CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K82 DATE : 15/9/7

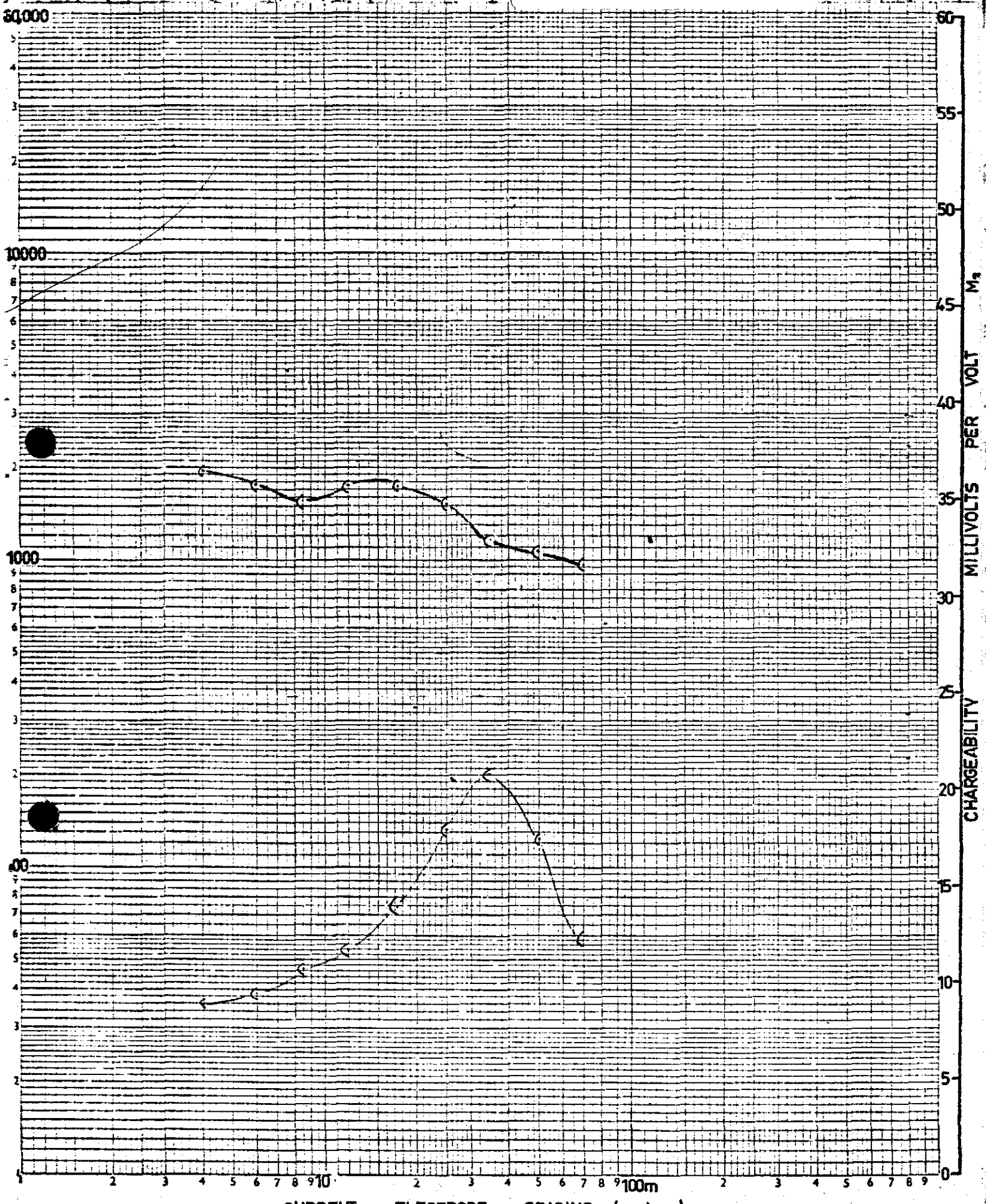
LOCATION : 54N 2735 OPERATOR : AJL

BEARING : .....

235

104251

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

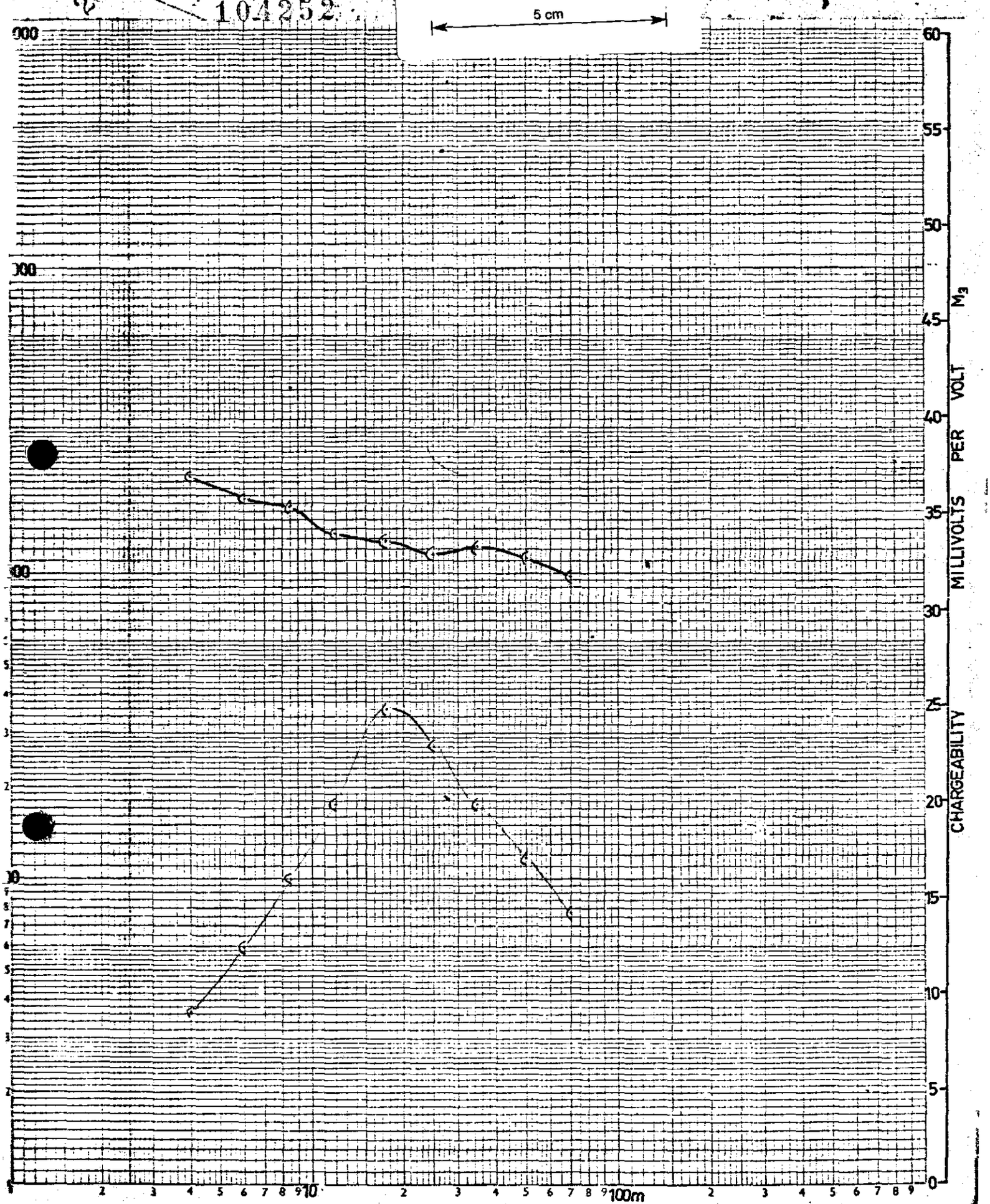
TEST Nº : K83 DATE : 15/9/79

LOCATION : 54N. 21SOW OPERATOR : DJW

BEARING : .....

236

104252



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

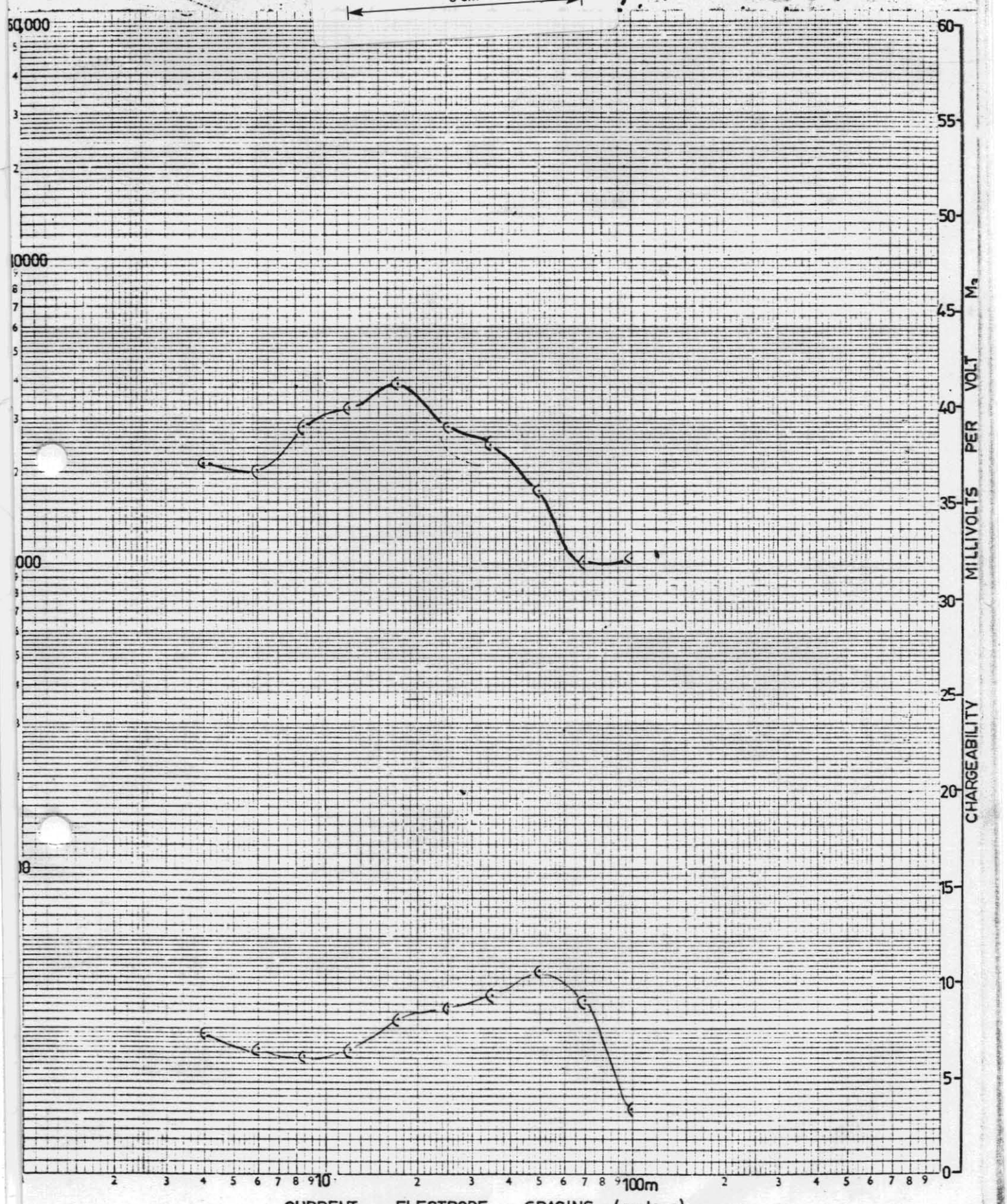
TEST Nº : K84 DATE : 15/9/79

LOCATION : 54N 215W OPERATOR : DJW

BEARING : .....

237 104253

5IN



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº: K85 DATE: 15/9/79

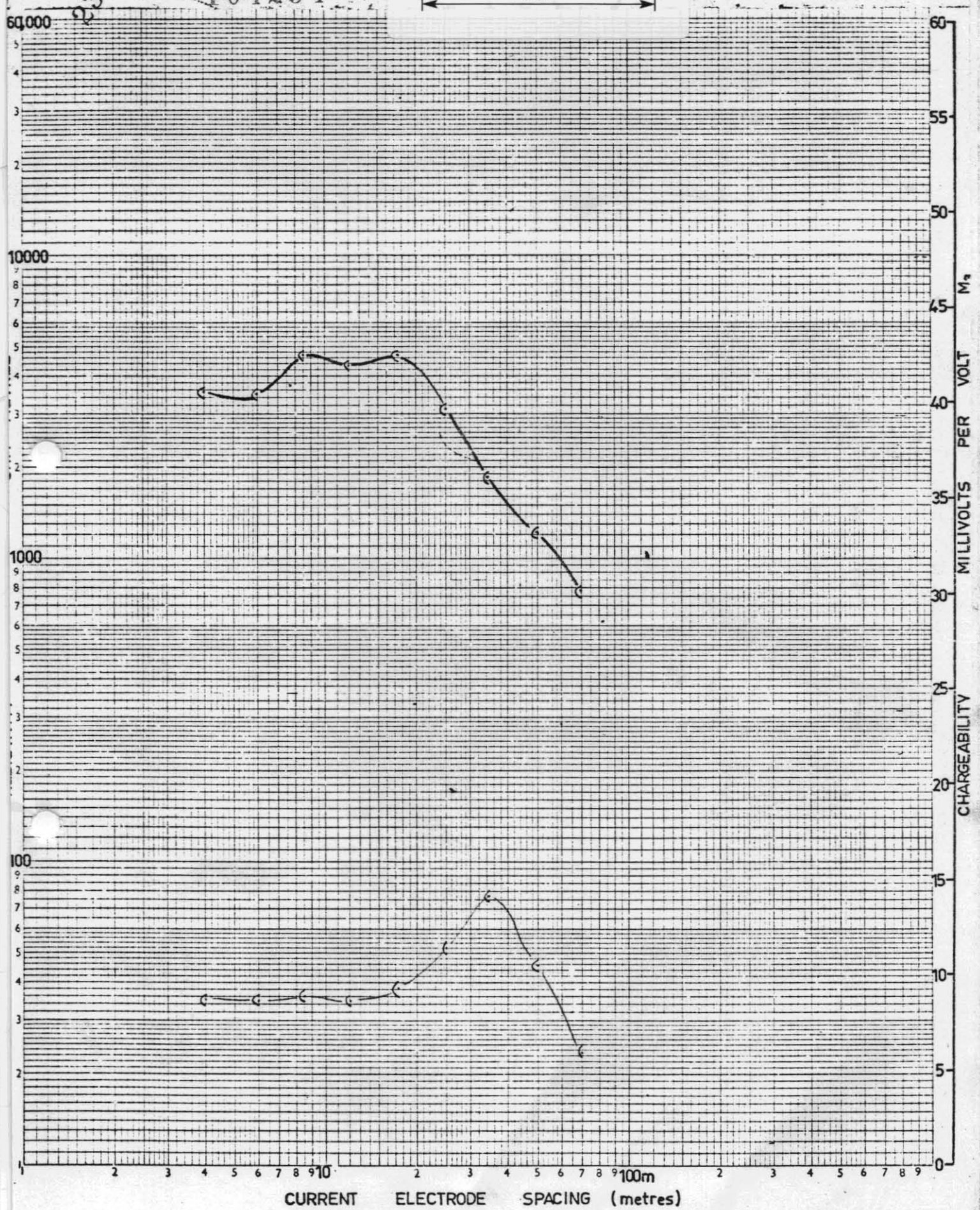
LOCATION: 5IN 1400S Near B/L OPERATOR: D Jud

BEARING: .....

238

104254

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K86 DATE : 16/9/79

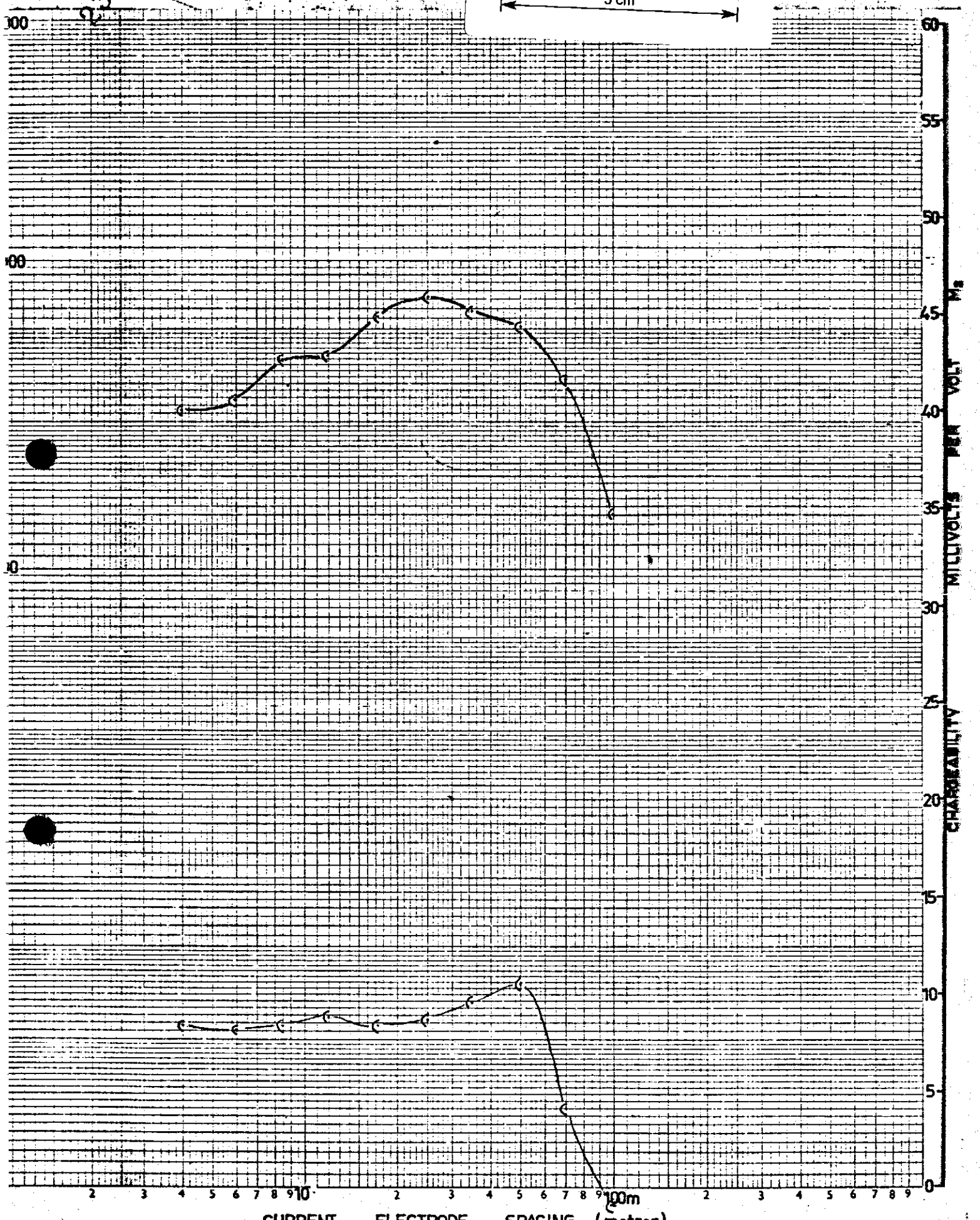
LOCATION : 54N. 1450W OPERATOR : D.J.G.

BEARING : .....

239

104255

5 cm



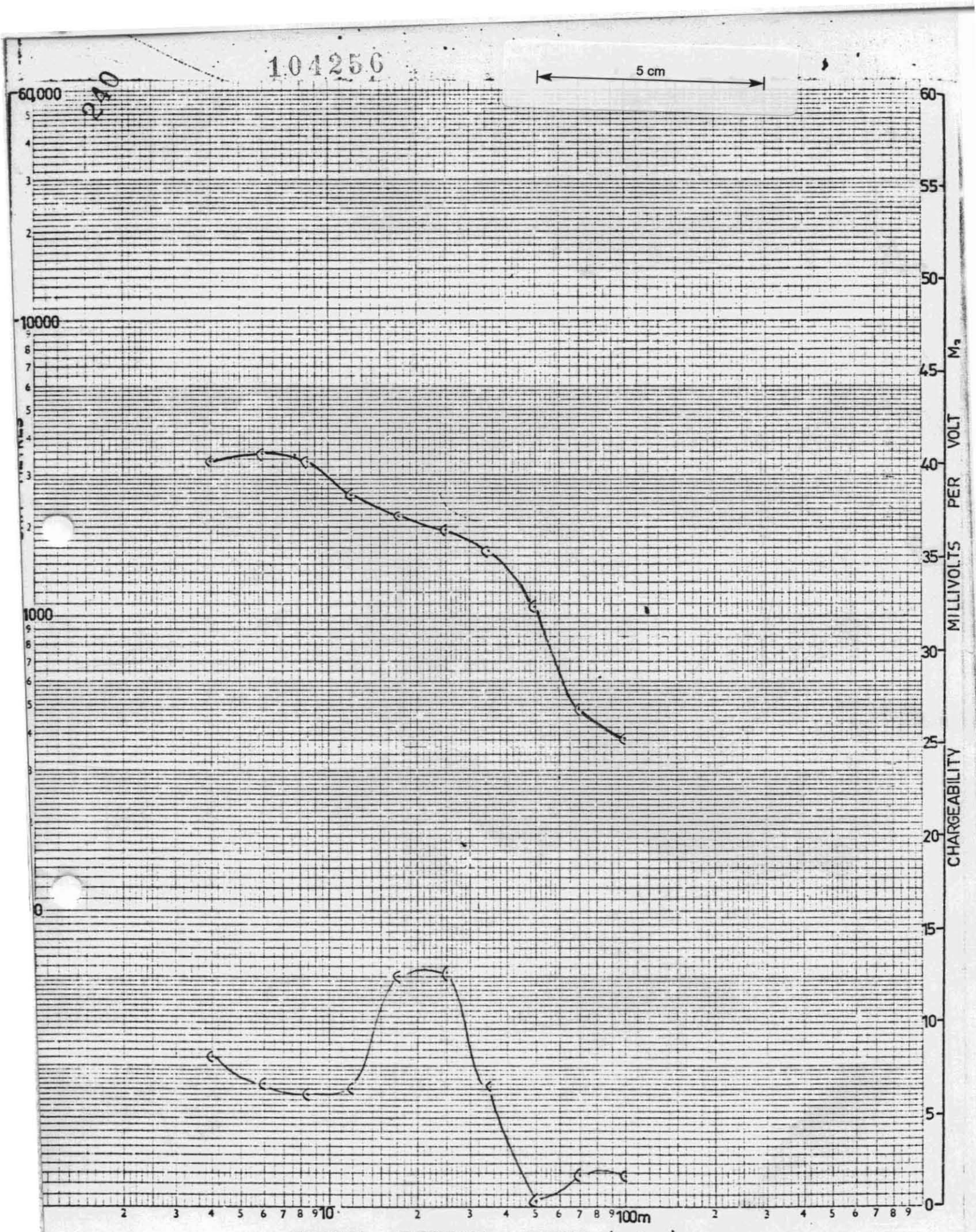
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K87 DATE : 16/9/79
LOCATION : 54N 1560W OPERATOR : DJW
BEARING : .....

104256

240



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

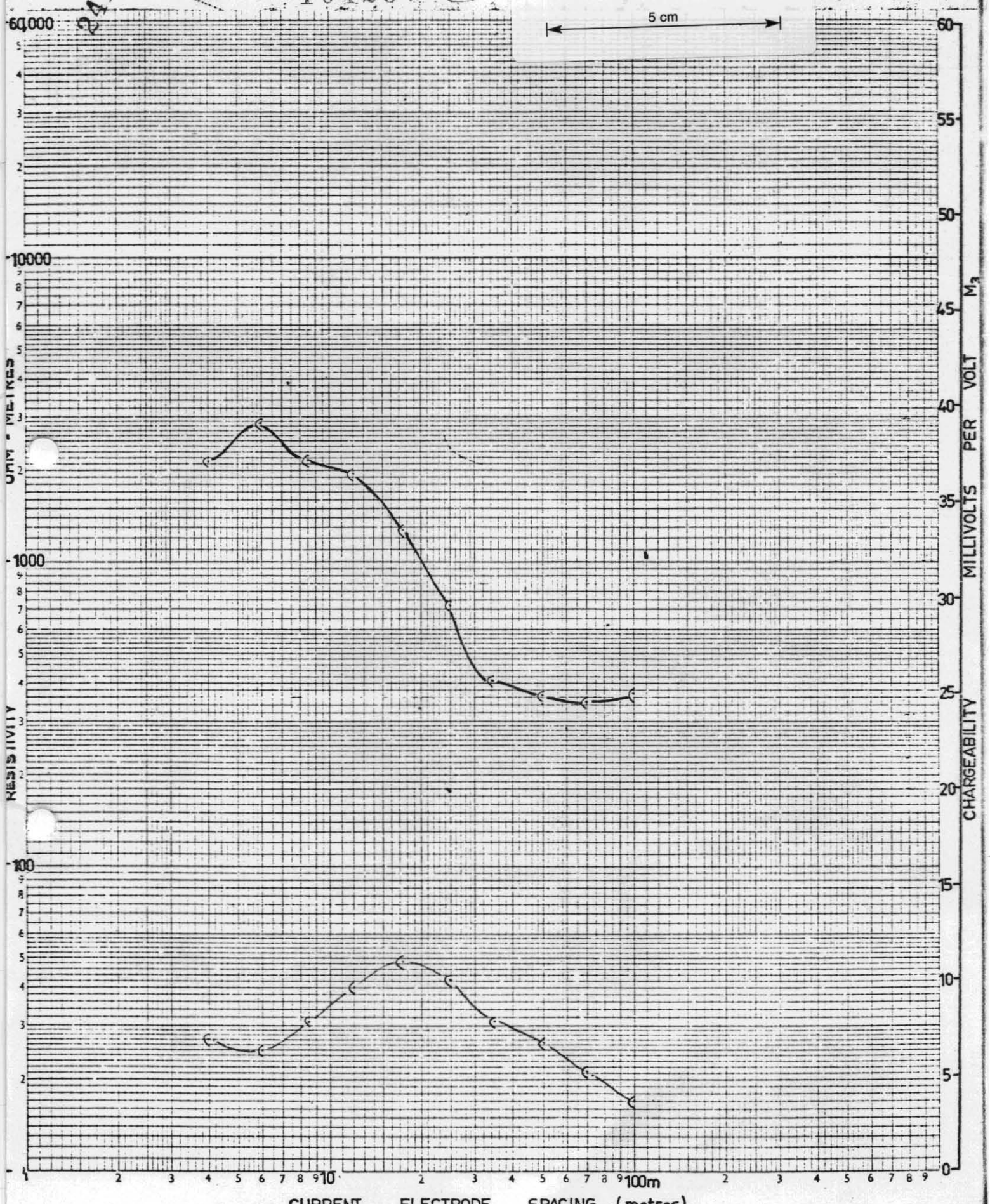
POIMENA PLATEAU.

TEST Nº : K88 DATE : 17/9/79

LOCATION: On top of hill OPERATOR: DGW

BEARING: .....

104257



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

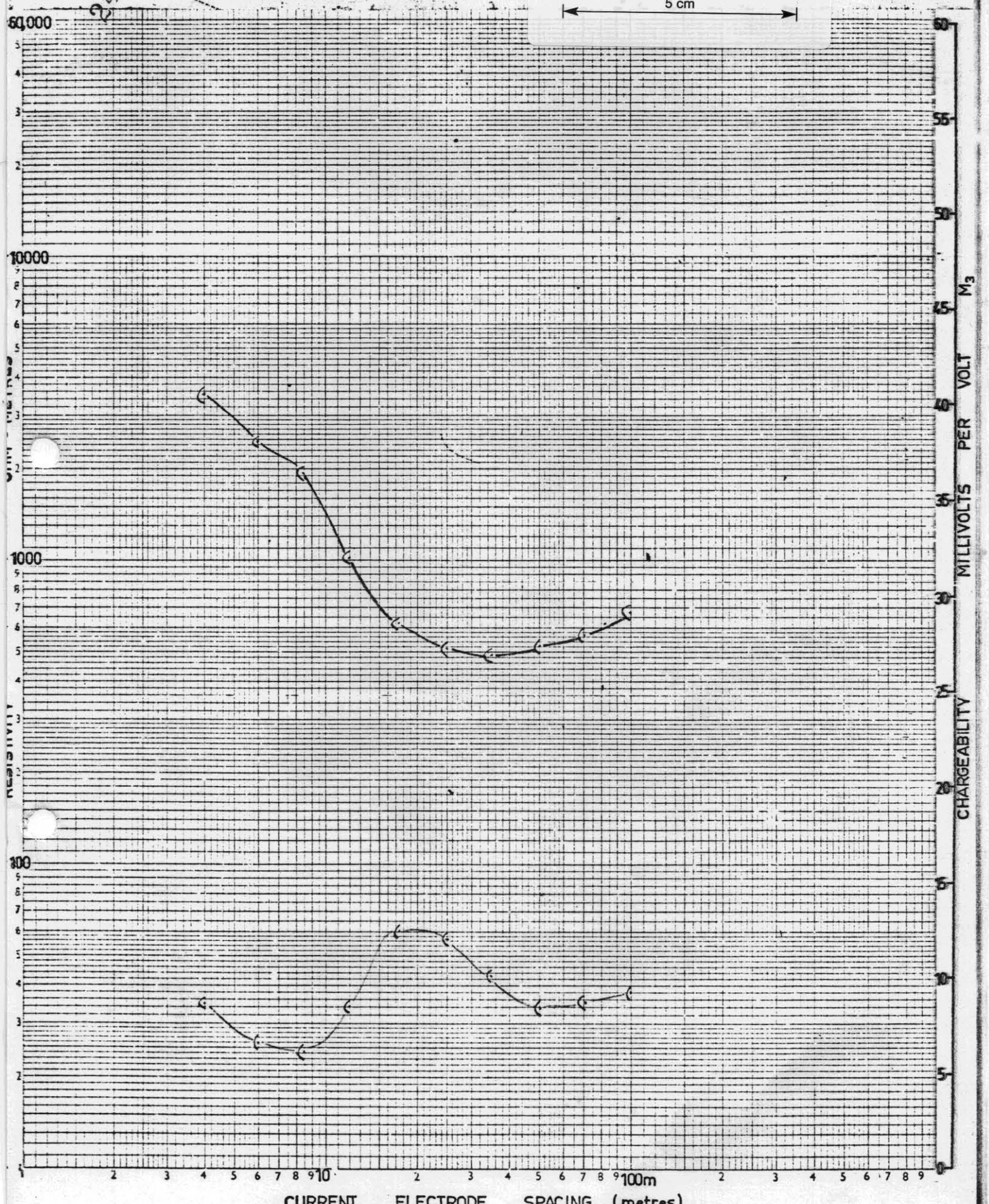
TEST Nº : K89 DATE : 17/9/79

LOCATION : Poimena 1st on E-W Rd. OPERATOR: .....

BEARING: .....

242

104258



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

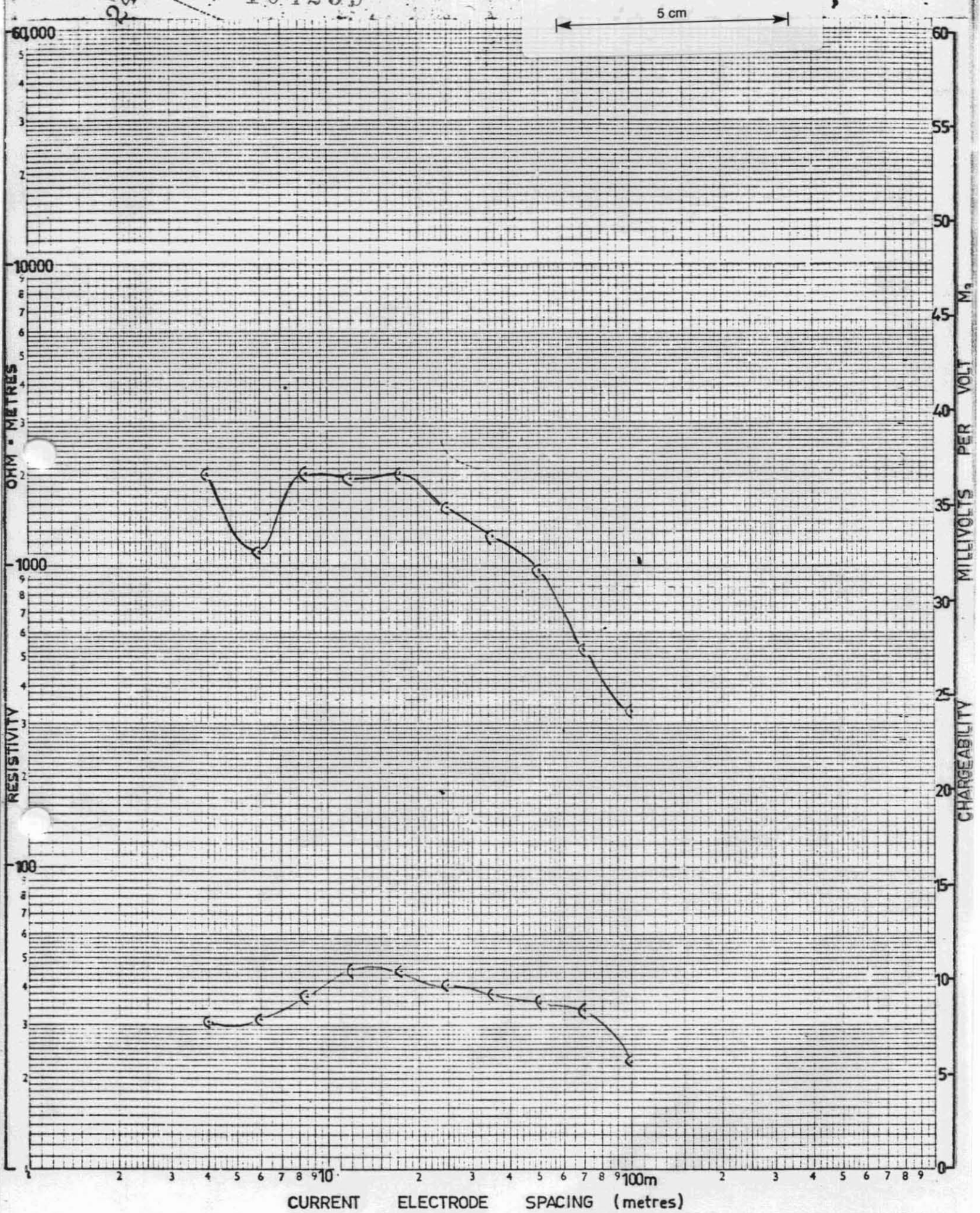
TEST Nº : K90 DATE : 17/9/79

LOCATION : Pamena OPERATOR : D.J.W.

BEARING : .....

243

104259



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K91 DATE : 17/9/79

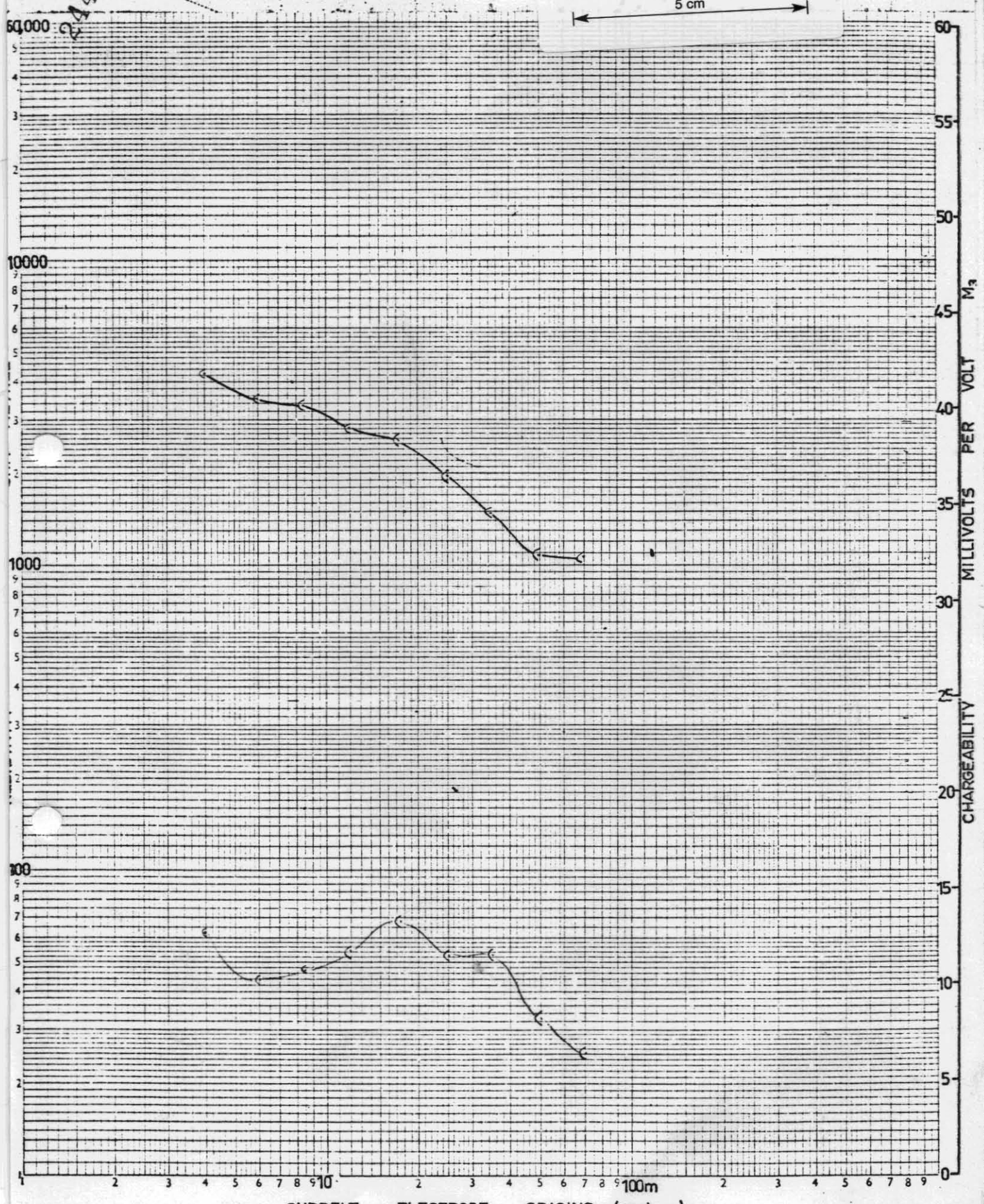
LOCATION : Pimona OPERATOR : D.J.W.

BEARING : .....

104260

244

5 cm



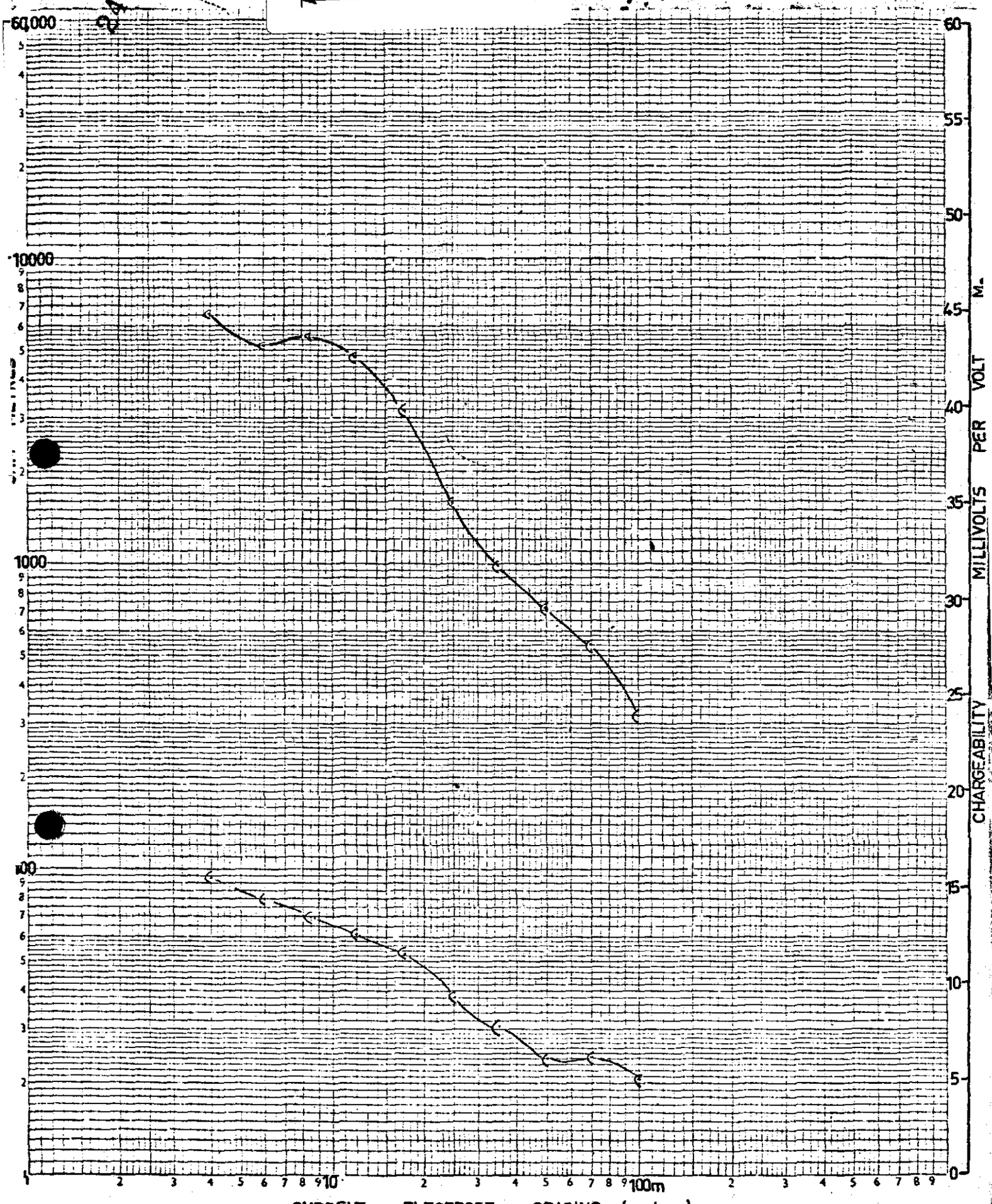
CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K92 DATE : 17/9/79
LOCATION : Laineaa... OPERATOR : D.G.W...
BEARING : .....

104261

245



ANCHOR MINE LOTTAH GRID

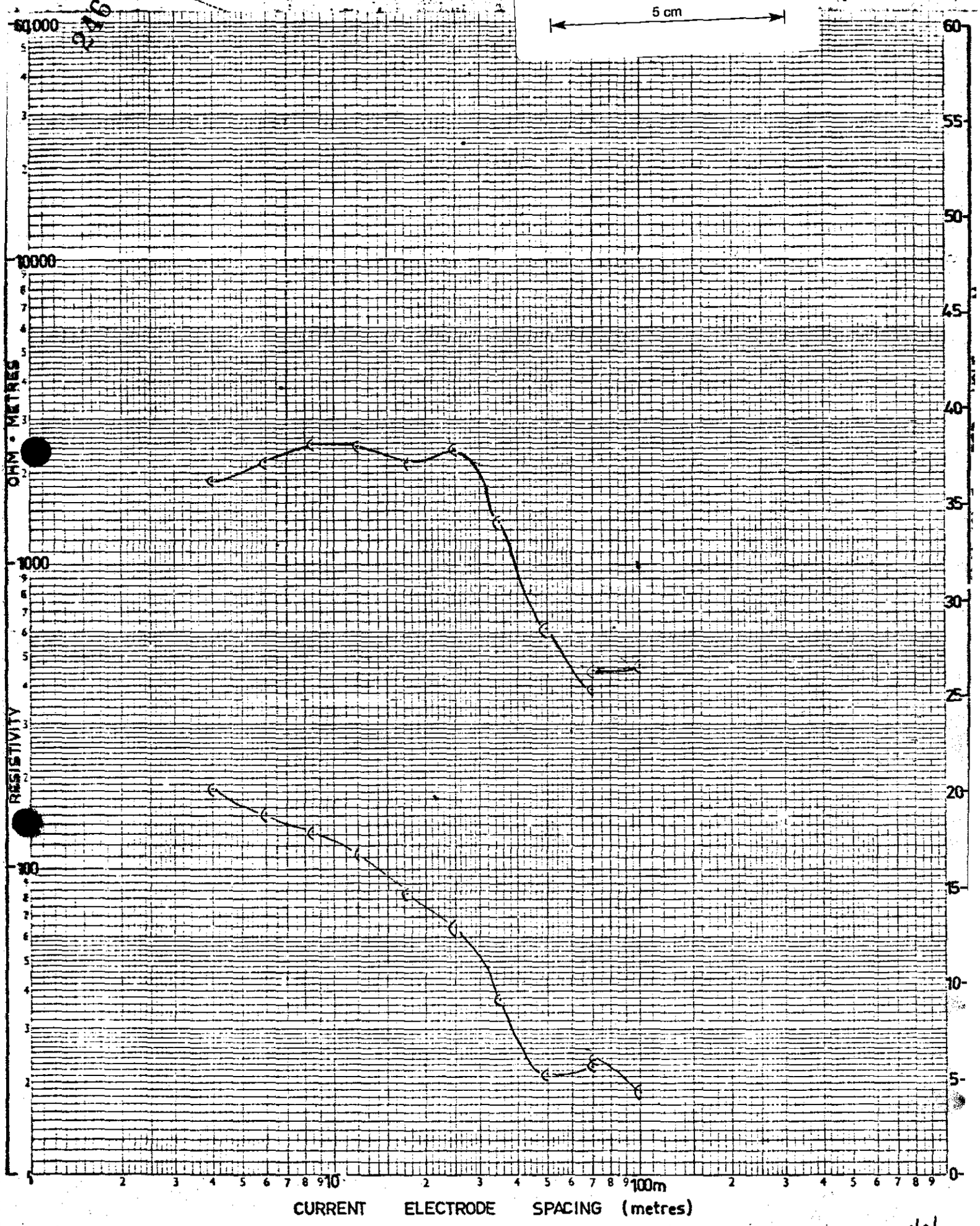
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K93 DATE : 18/9/79

LOCATION: 60N 2780W OPERATOR: DJW

BEARING: .....

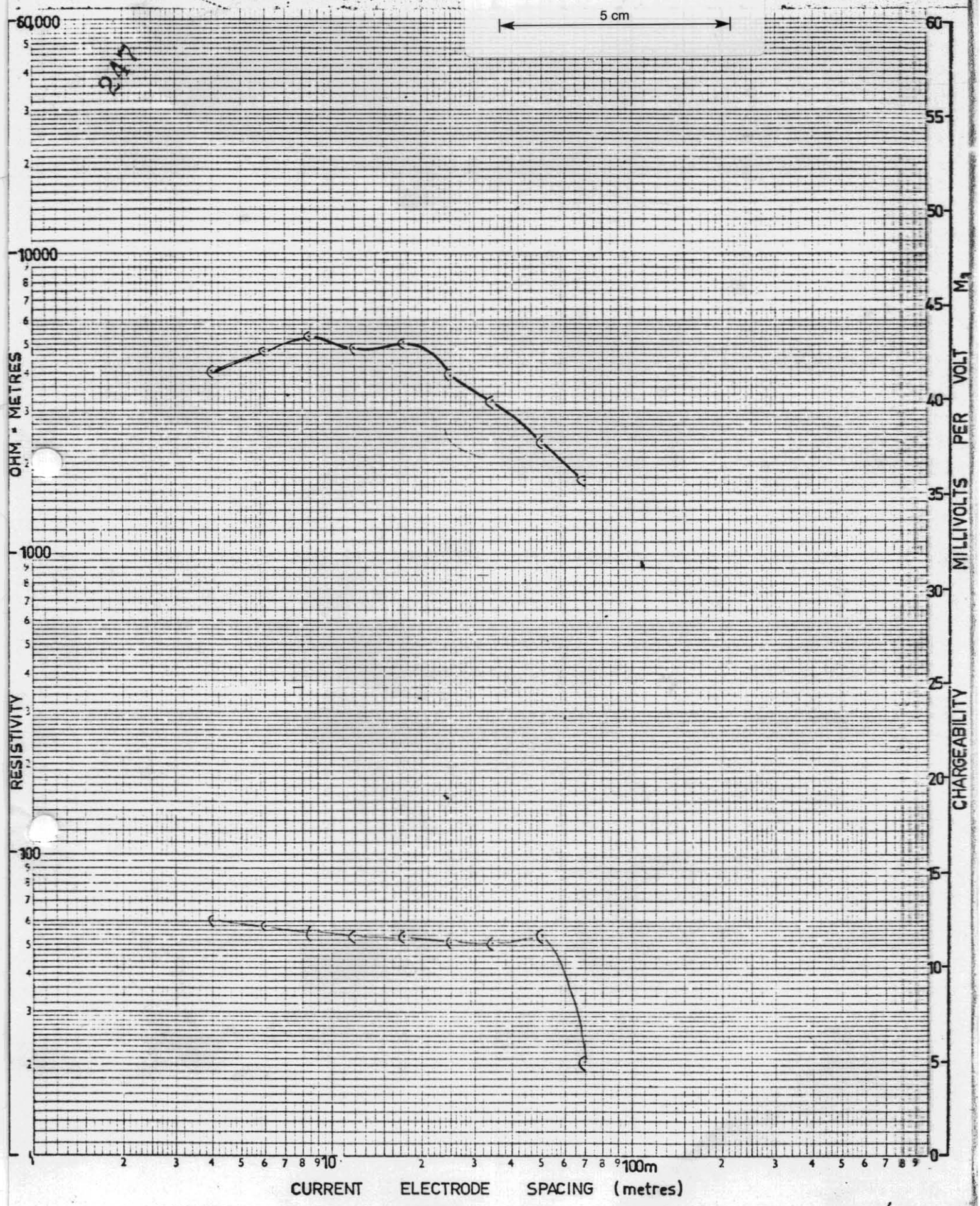
104262



ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K24 DATE : 18/9/79
LOCATION: 60N 2500W OPERATOR: ...
BEARING: .....

104263



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

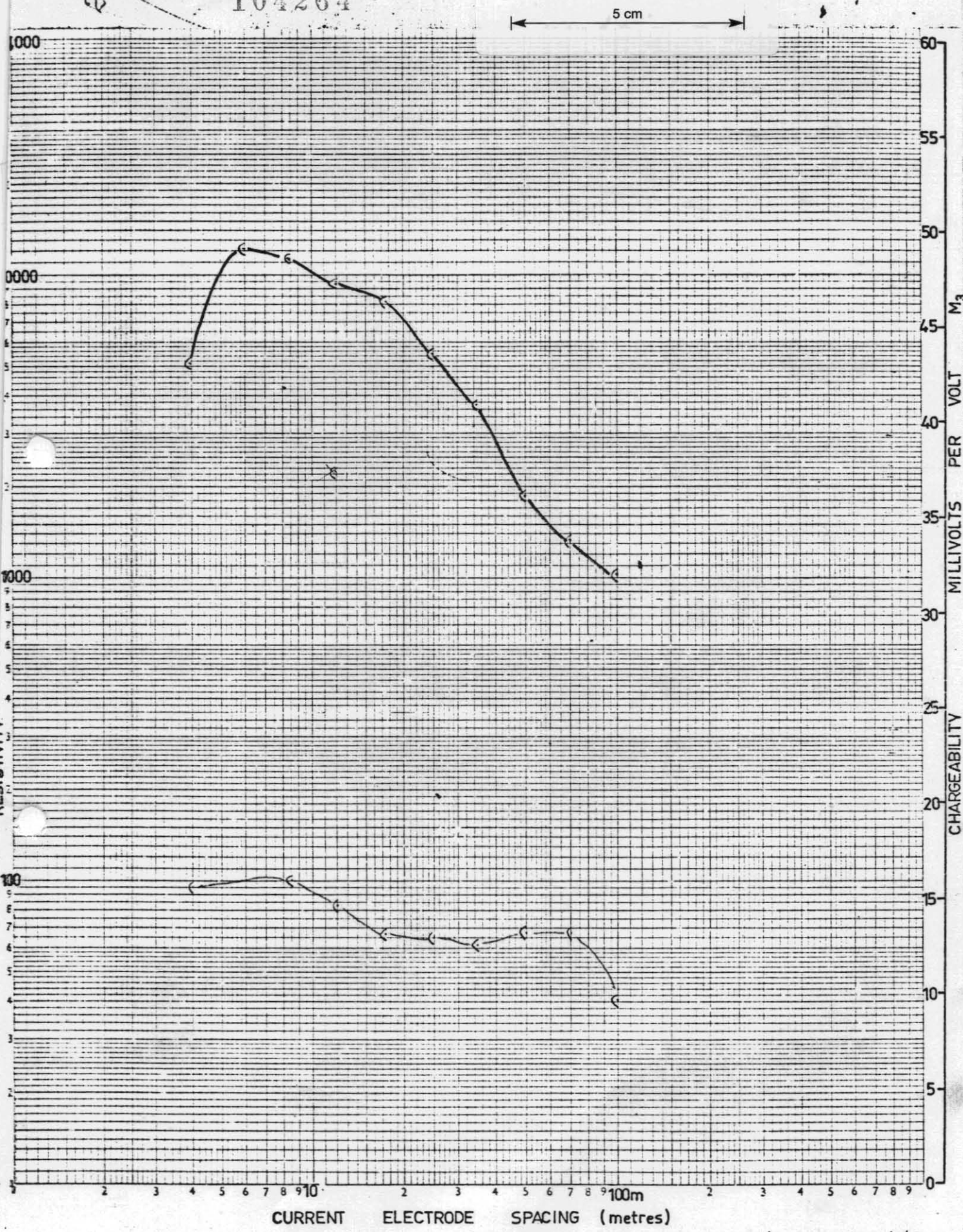
TEST Nº : K95 DATE : 6on 1200W

LOCATION : 6oN 1200W OPERATOR : DJD

BEARING : .....

248

104264



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

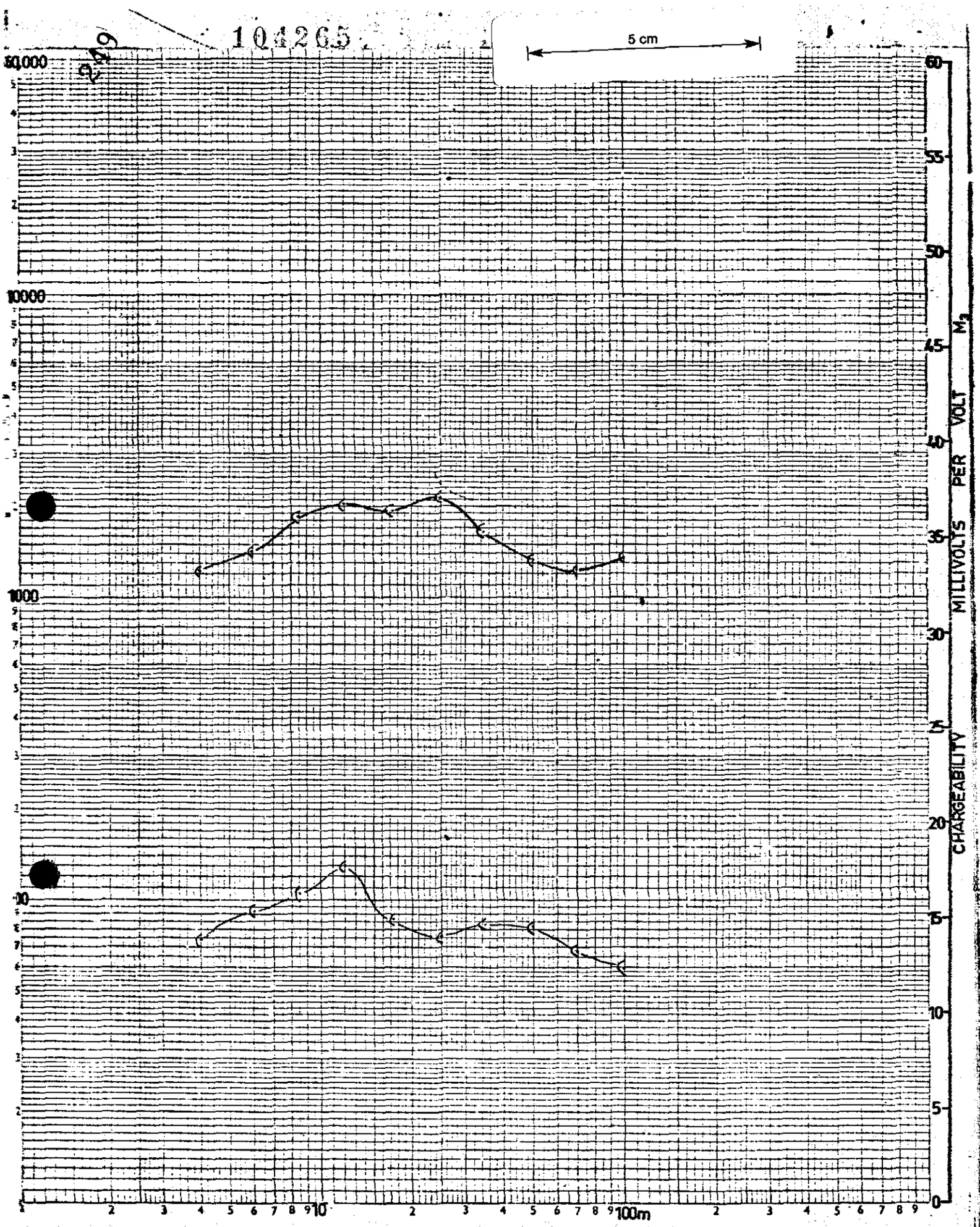
TEST Nº : K96 DATE : 18/9/79

LOCATION : 60N. 19 00W OPERATOR : D.G.

BEARING : .....

104265

249



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K97 DATE : 19/4/79

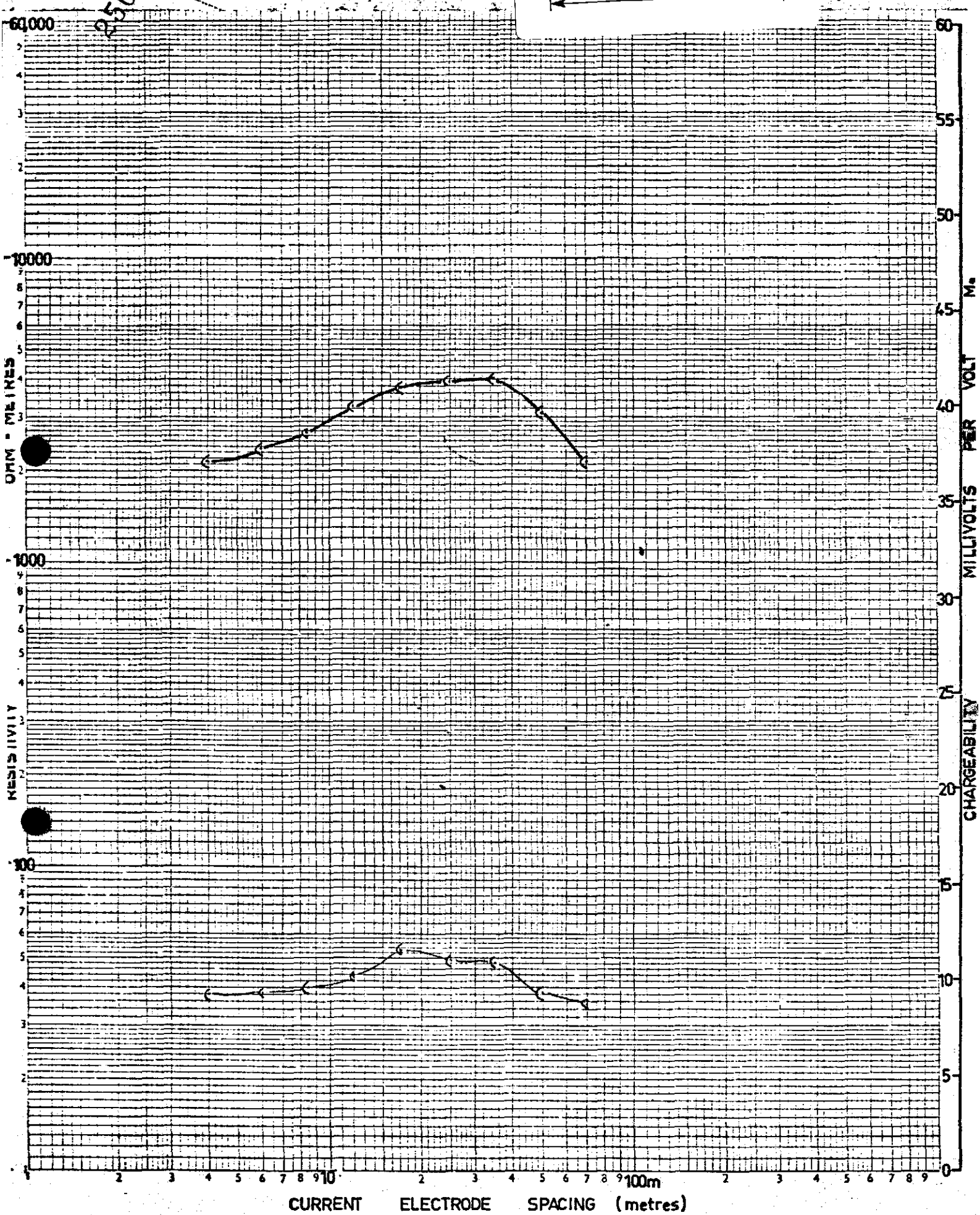
LOCATION : 66N 300E OPERATOR : DJW

BEARING : .....

104266

250

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

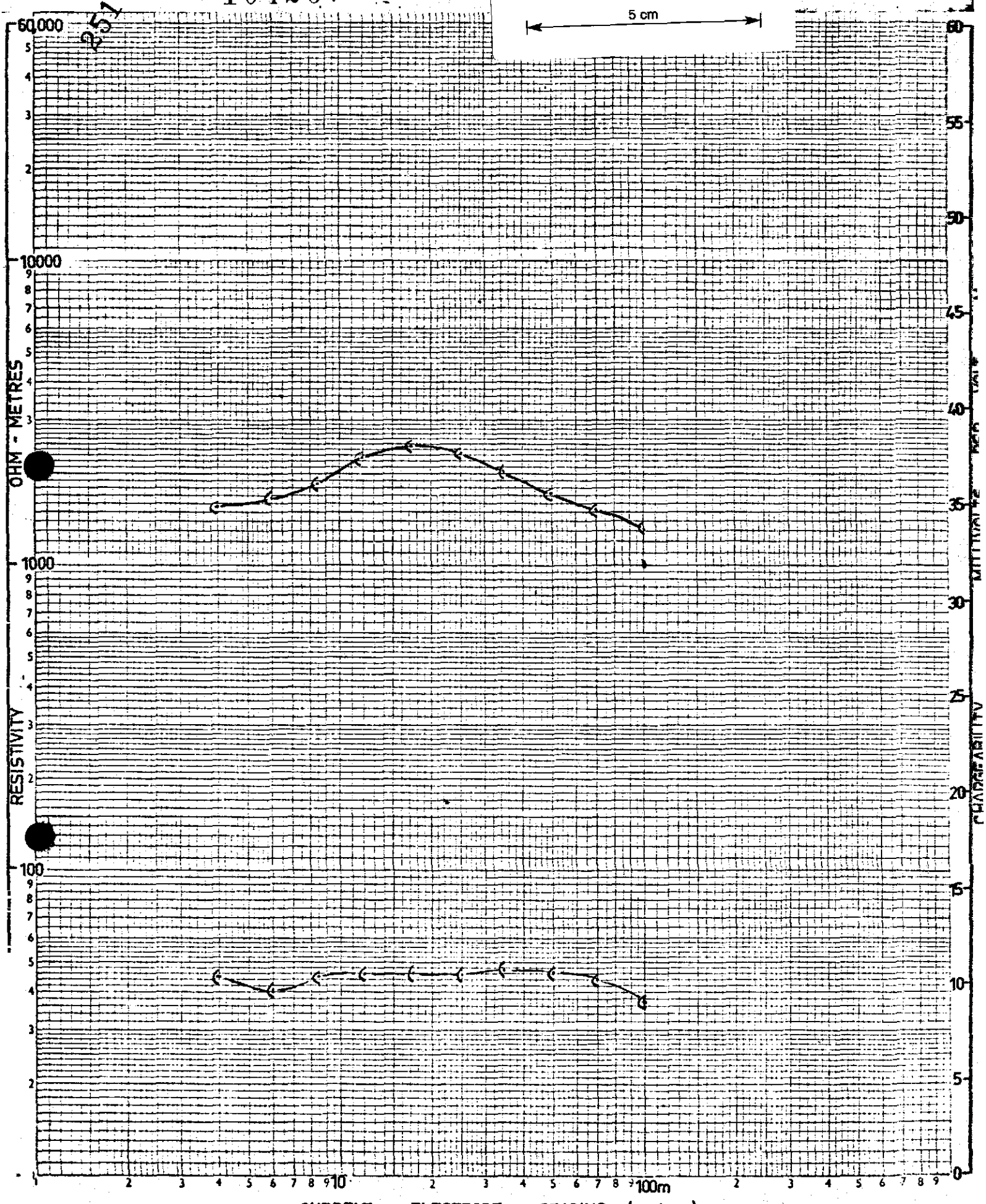
TEST Nº : K98 DATE : 19/9/79

LOCATION : 66N 600E OPERATOR : DSW

BEARING : .....

104267

257



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

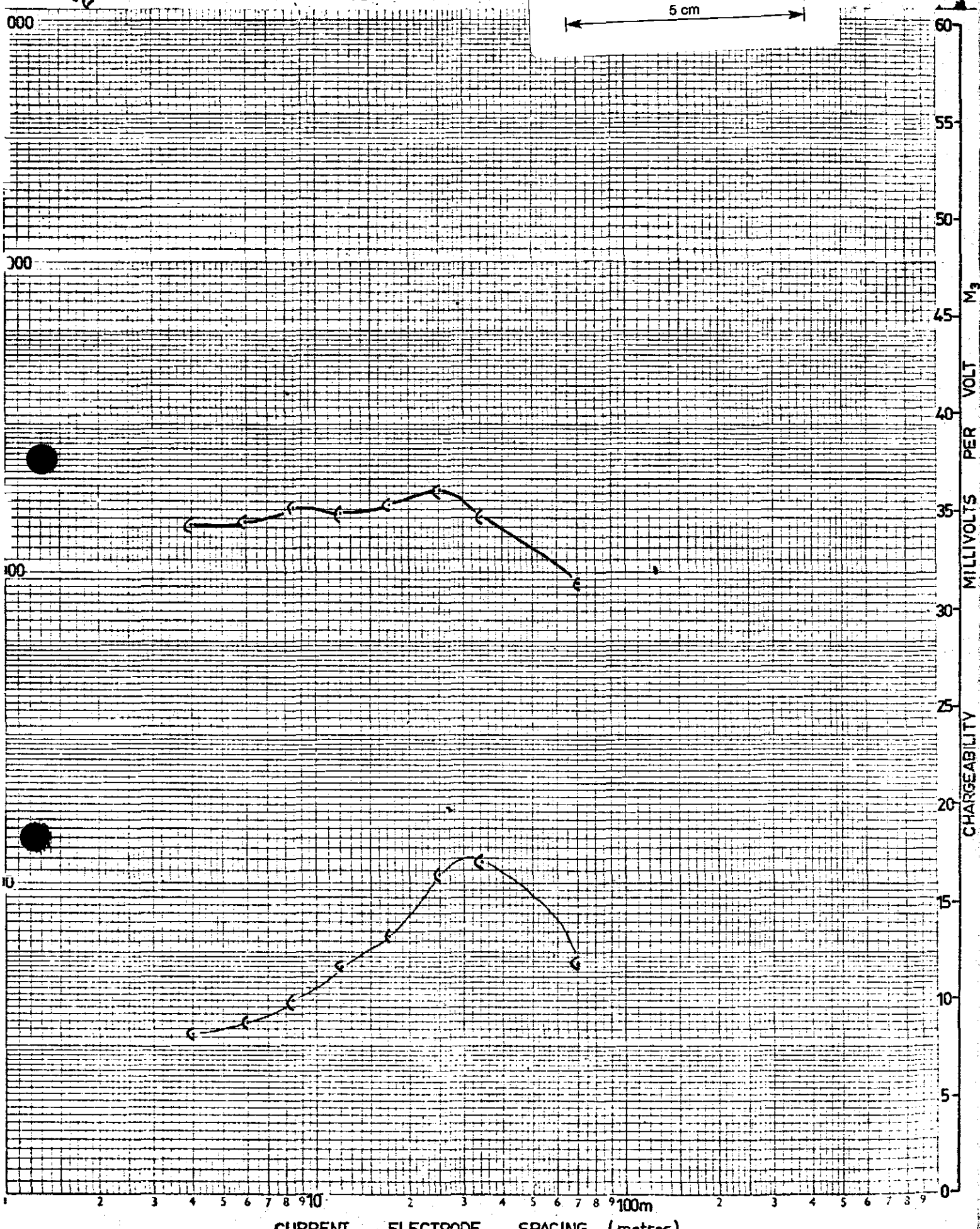
TEST Nº : K-99 DATE : 19/9/79

LOCATION : 66N. 90E OPERATOR : DJW

BEARING : .....

252

104268



ANCHOR MINE LOTTAH GRID

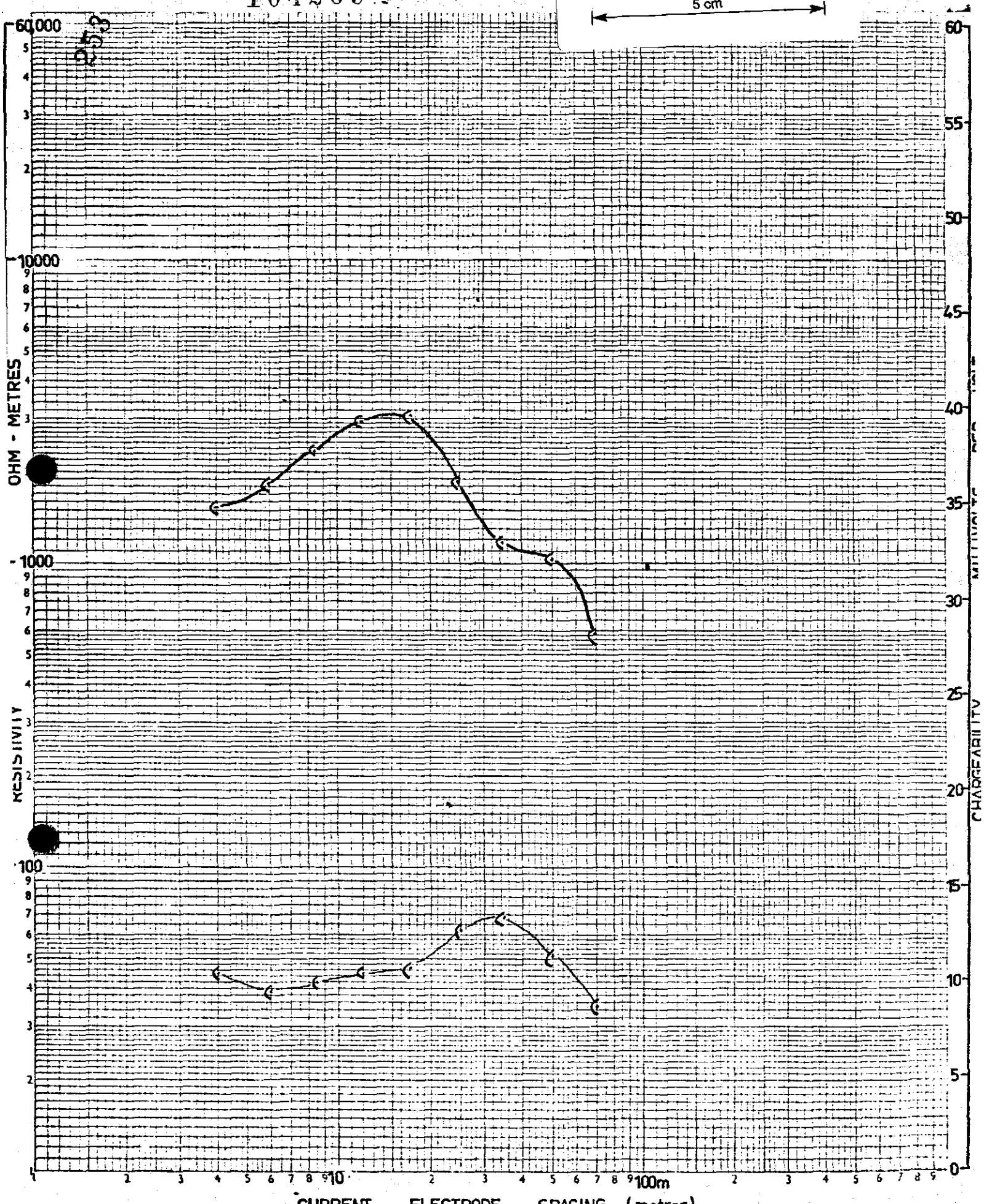
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K.100 DATE : 19/9/79

LOCATION : 66N. 1200E OPERATOR : DJW

BEARING : .....

104269



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

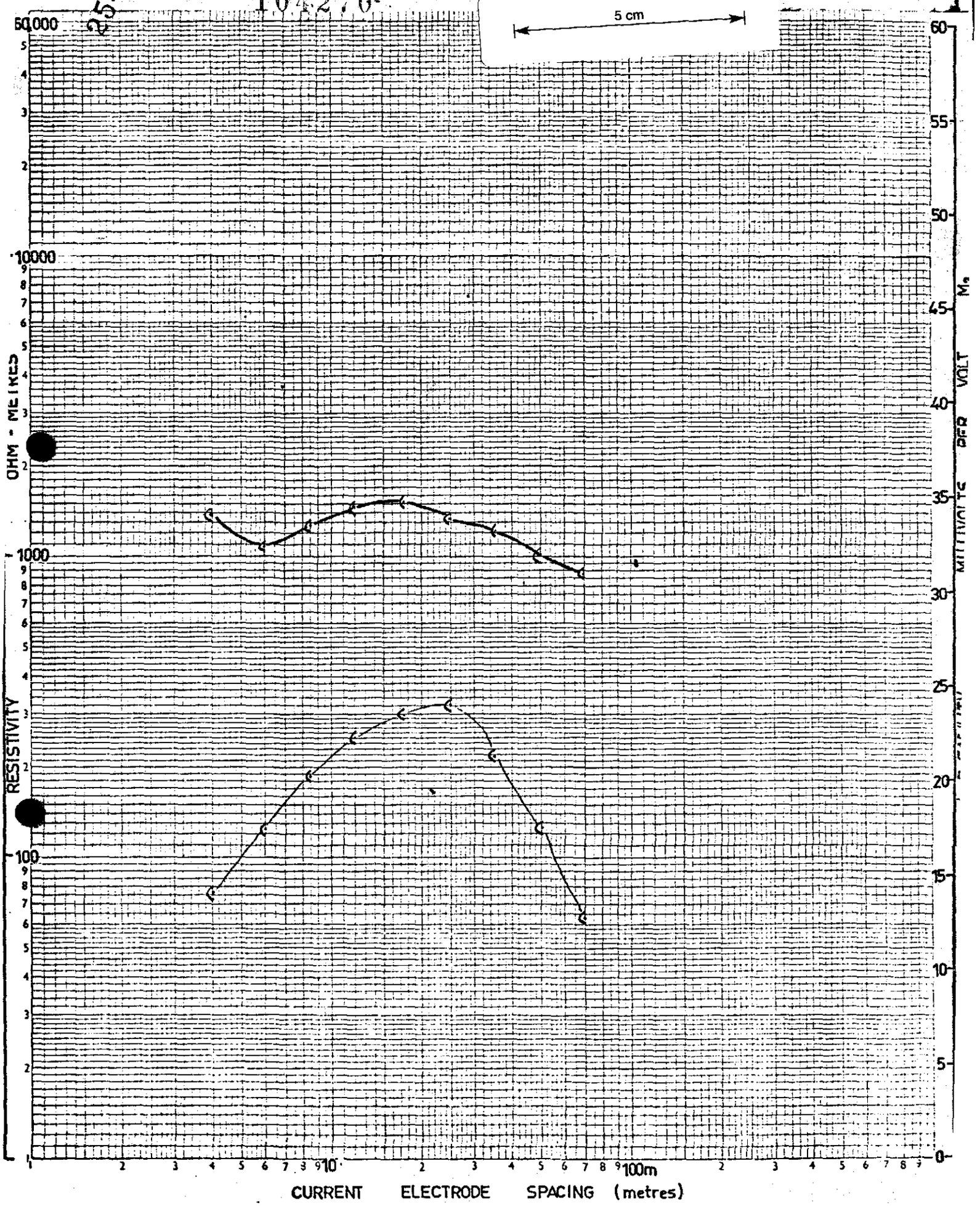
TEST Nº : K101 DATE : 19/9/79

LOCATION : 66N 1500E OPERATOR : DJW

BEARING : .....

254

104270



ANCHOR MINE LOTTAH GRID

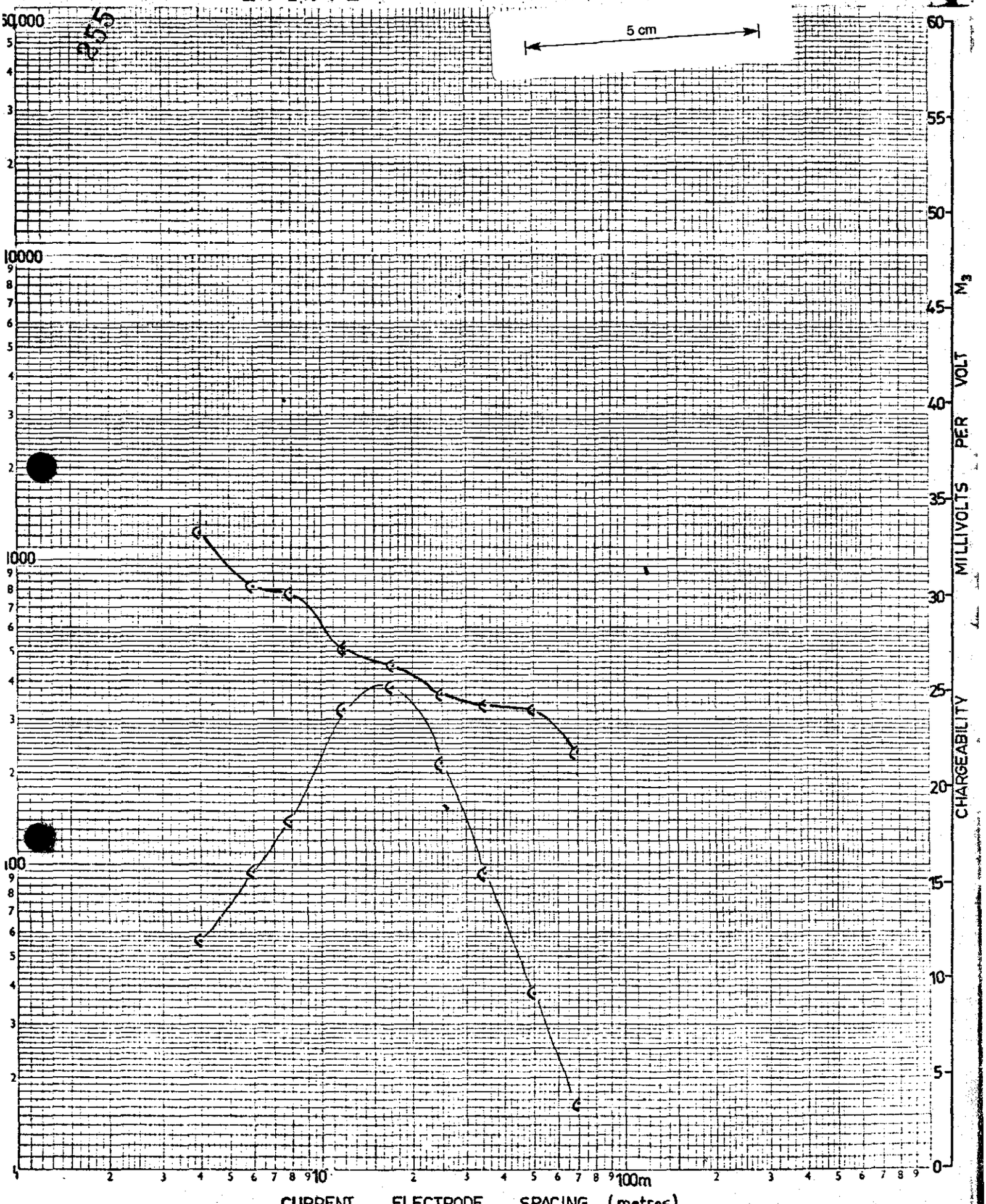
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K102 DATE : 20/9/79

LOCATION : 54N.105OE OPERATOR: [illegible]

BEARING : .....

104271



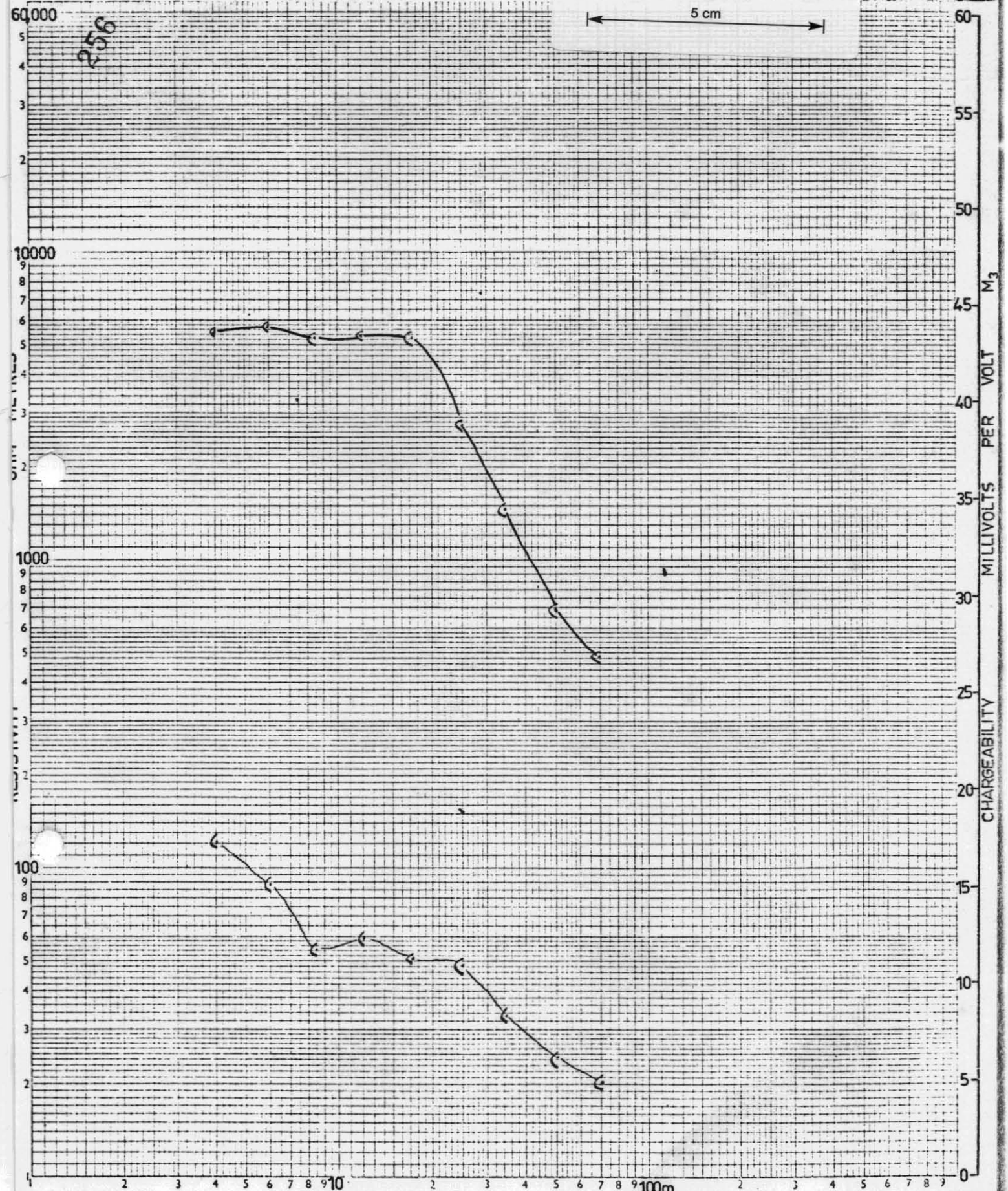
ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K103 DATE : 20/1/11
LOCATION : 54N 1350E OPERATOR : DJW
BEARING : .....

10427-2

256

5 cm

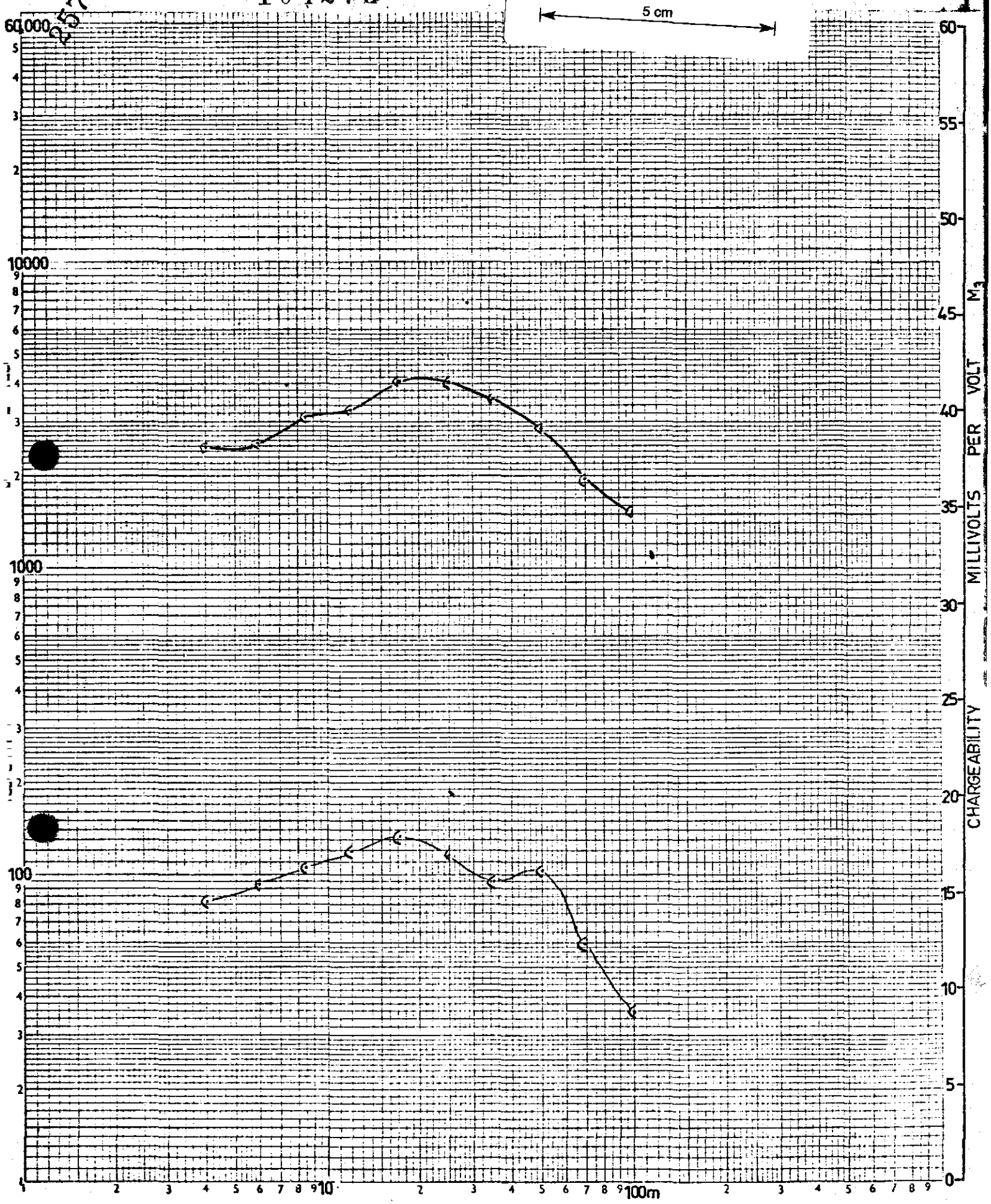


CURRENT ELECTRODE SPACING (metres)

ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K104 DATE : 20/9/79
LOCATION : 57N. 905E OPERATOR : DJW
BEARING : .....

104273

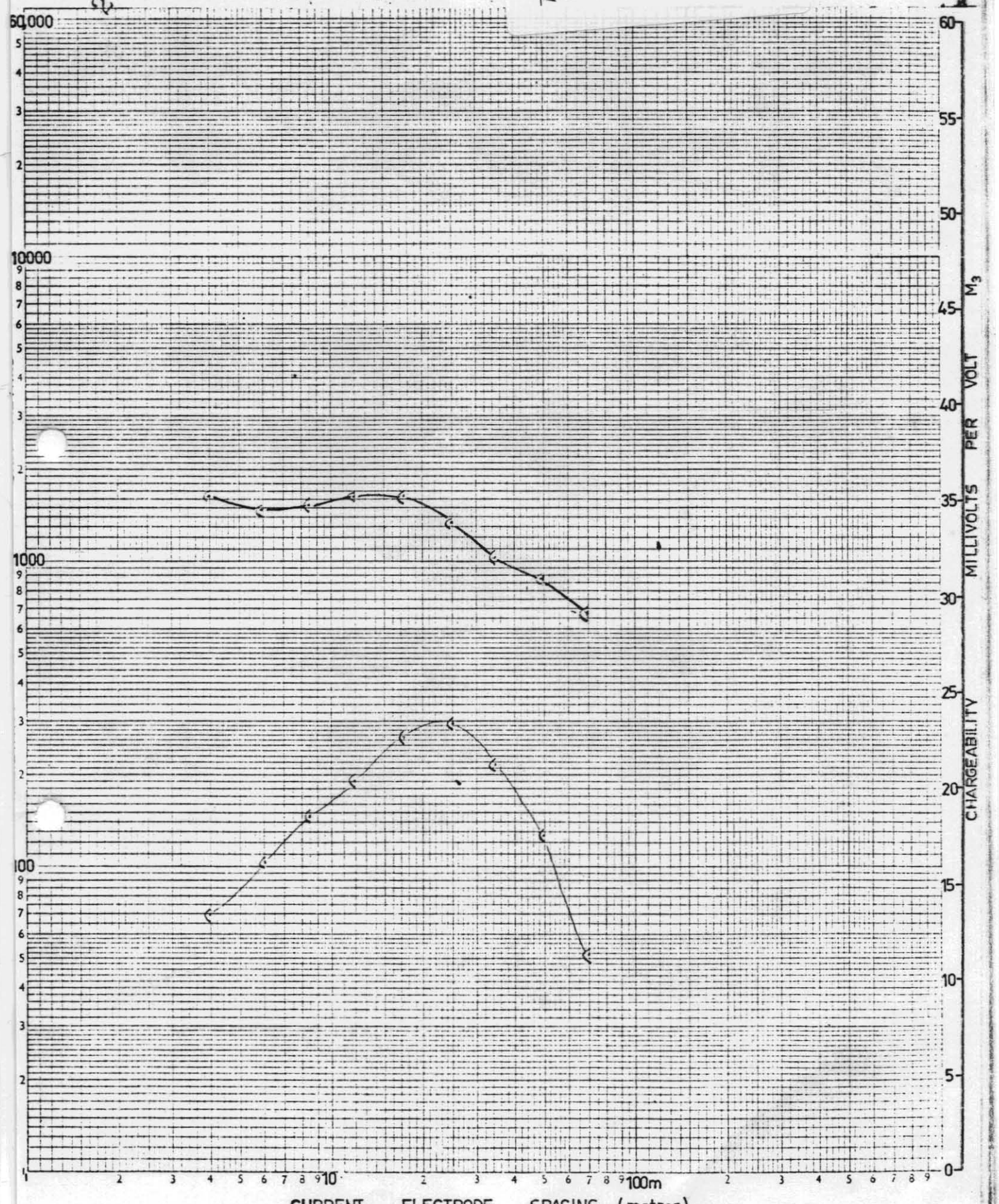


ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K105 DATE : 20/9/79
LOCATION : 57N. 1460E OPERATOR : DJS
BEARING : .....

258

104274



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

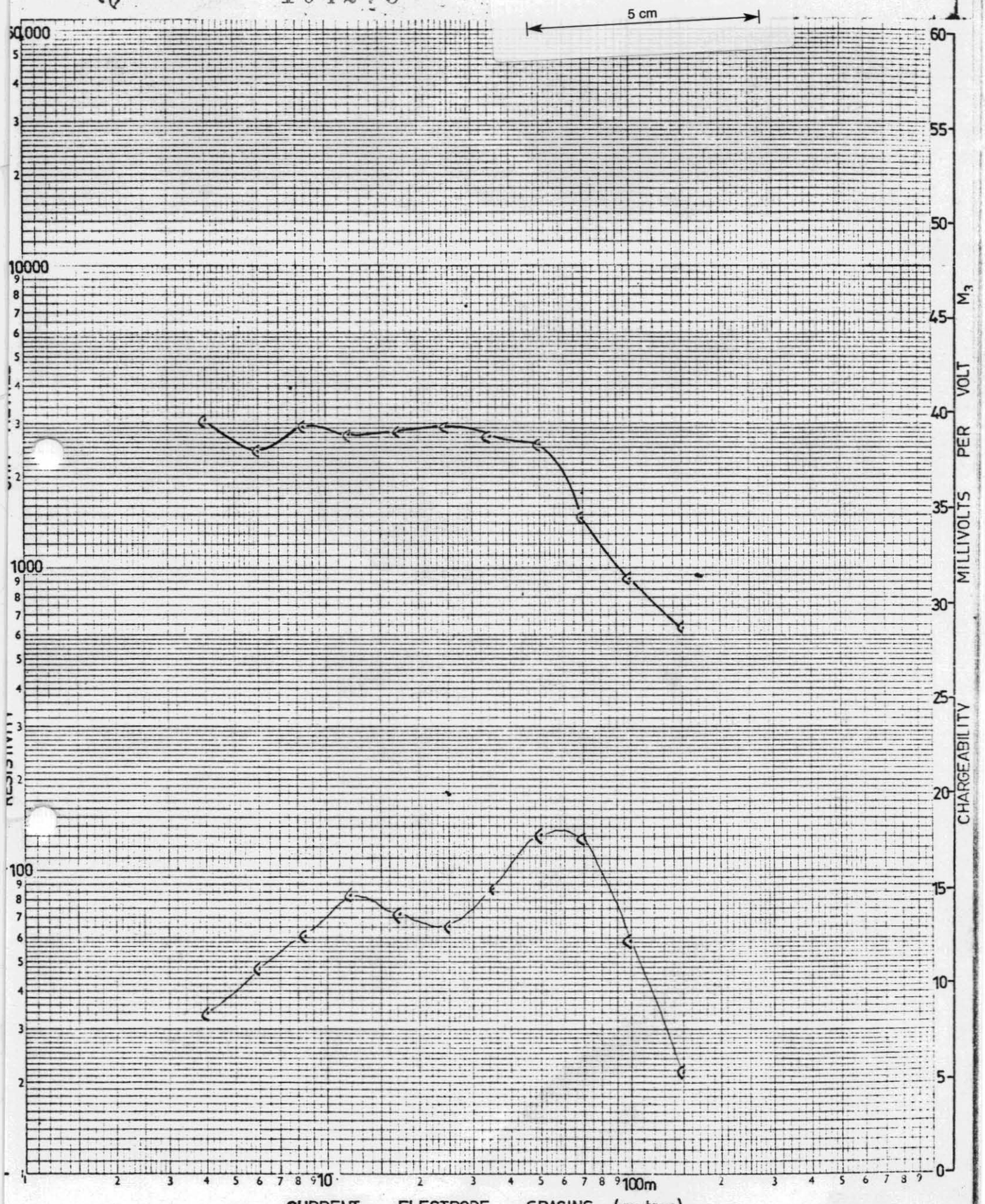
TEST Nº : K106 DATE : 21/9/79

LOCATION : 60N. 450E. OPERATOR: DJW.

BEARING : .....

259

104253



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

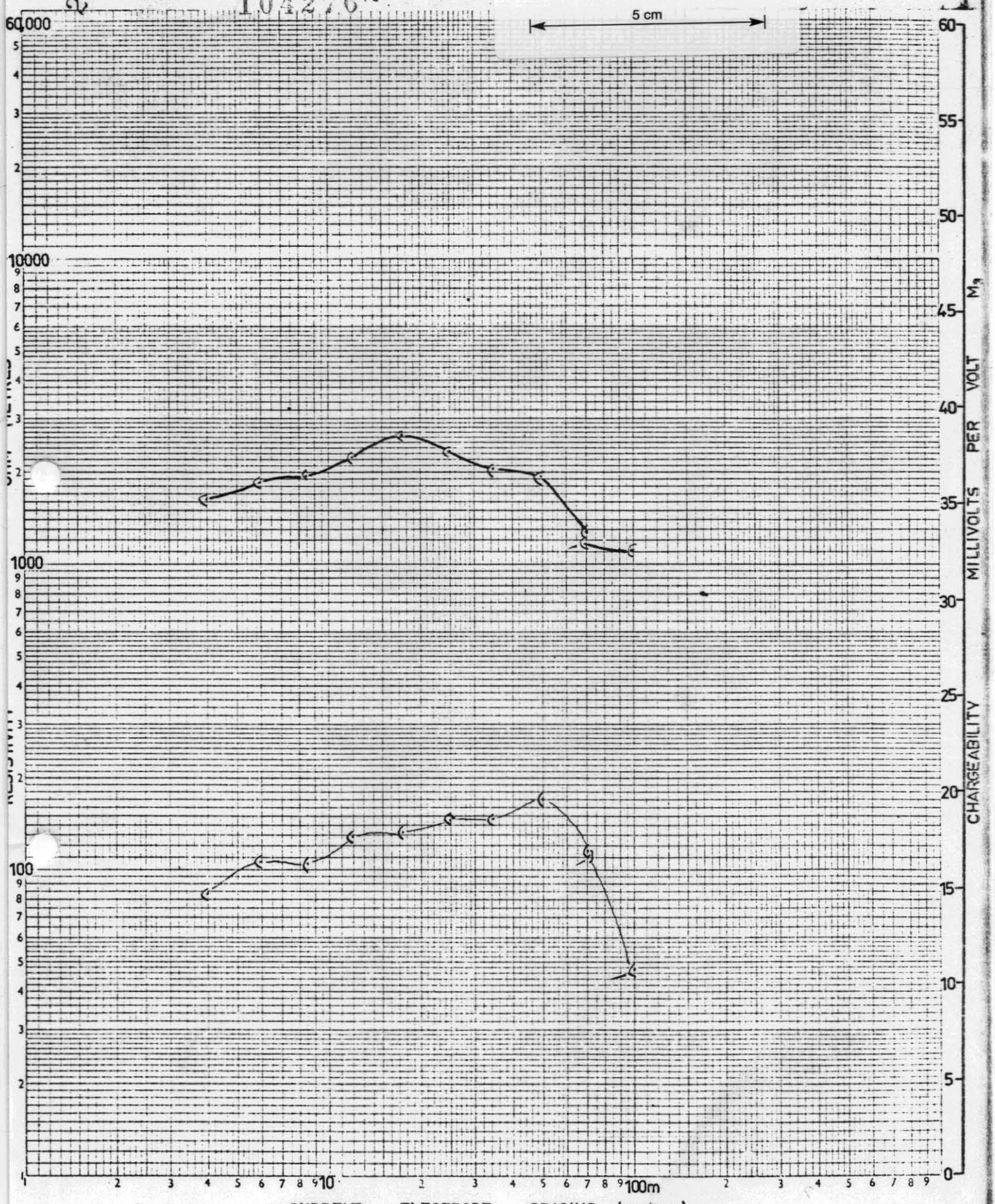
TEST Nº : K107 DATE : 21/9/79

LOCATION : 60N. 750E OPERATOR : AJW

BEARING : .....

260

104276



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

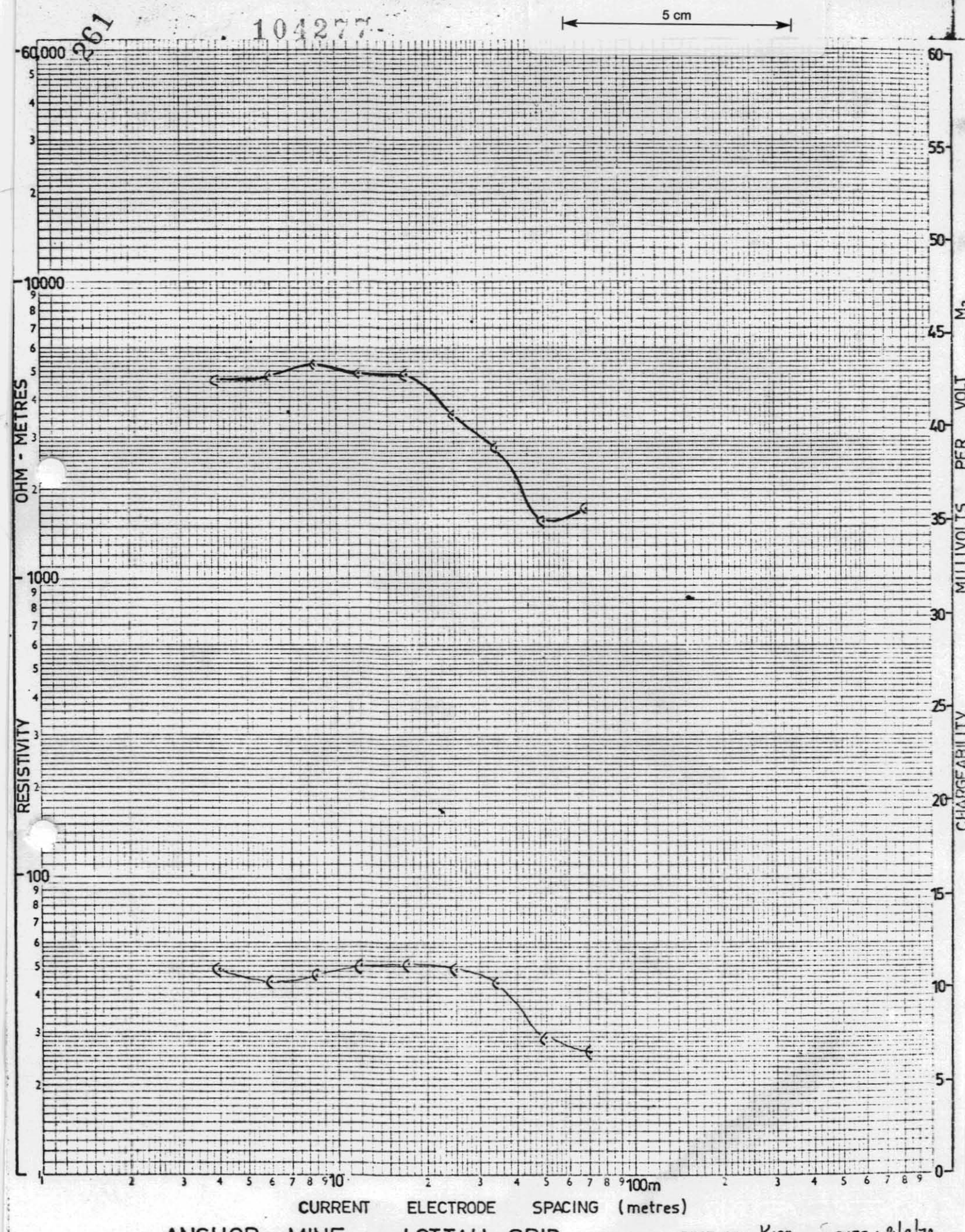
TEST Nº : K108 DATE : SUN 21/9/79

LOCATION : 60N. 105E OPERATOR : DJW

BEARING : .....

261

104277



ANCHOR MINE LOTTAH GRID

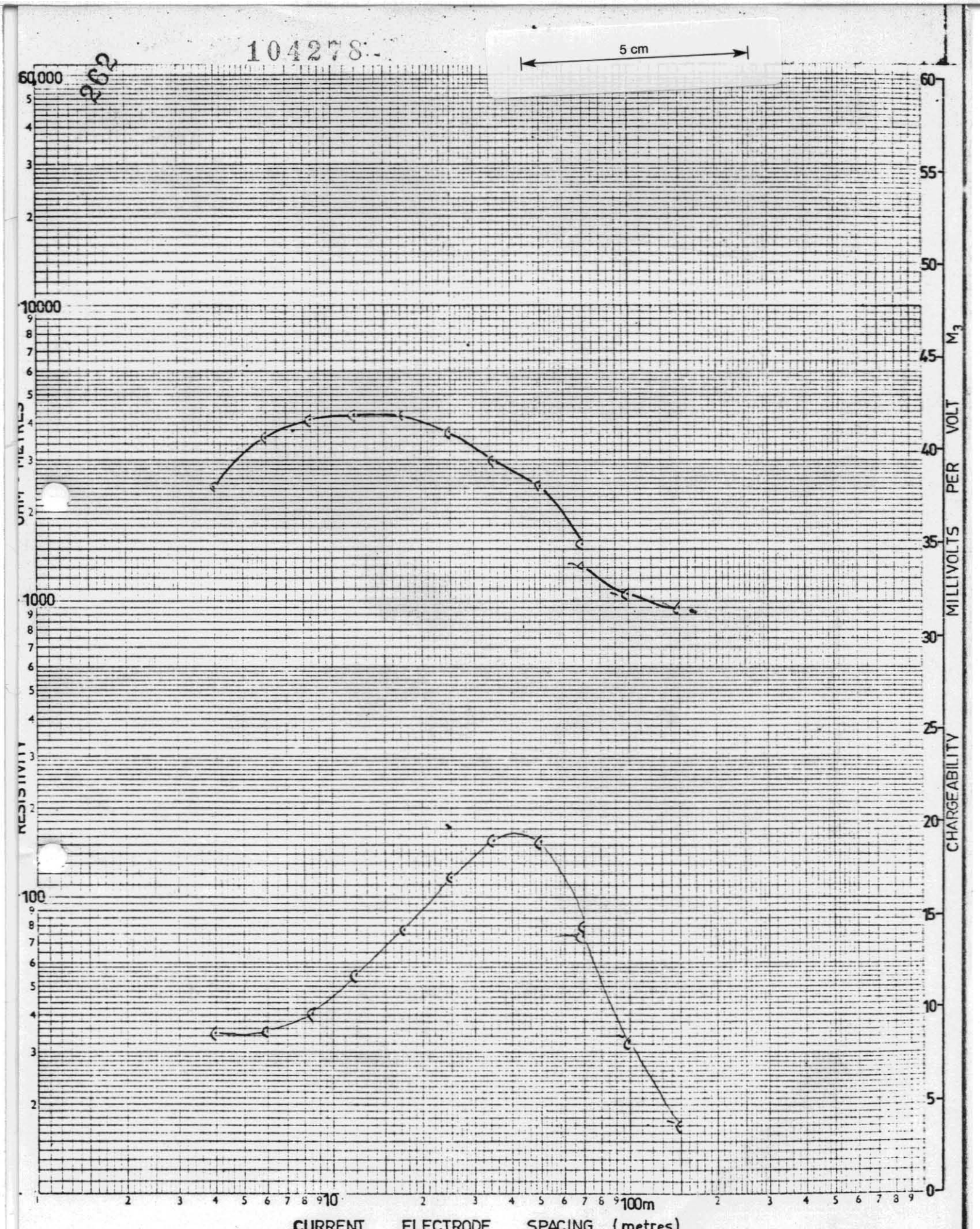
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K109 DATE : 21/9/79

LOCATION : B/L(w) 200S OPERATOR: [illegible]

BEARING : .....

104278



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

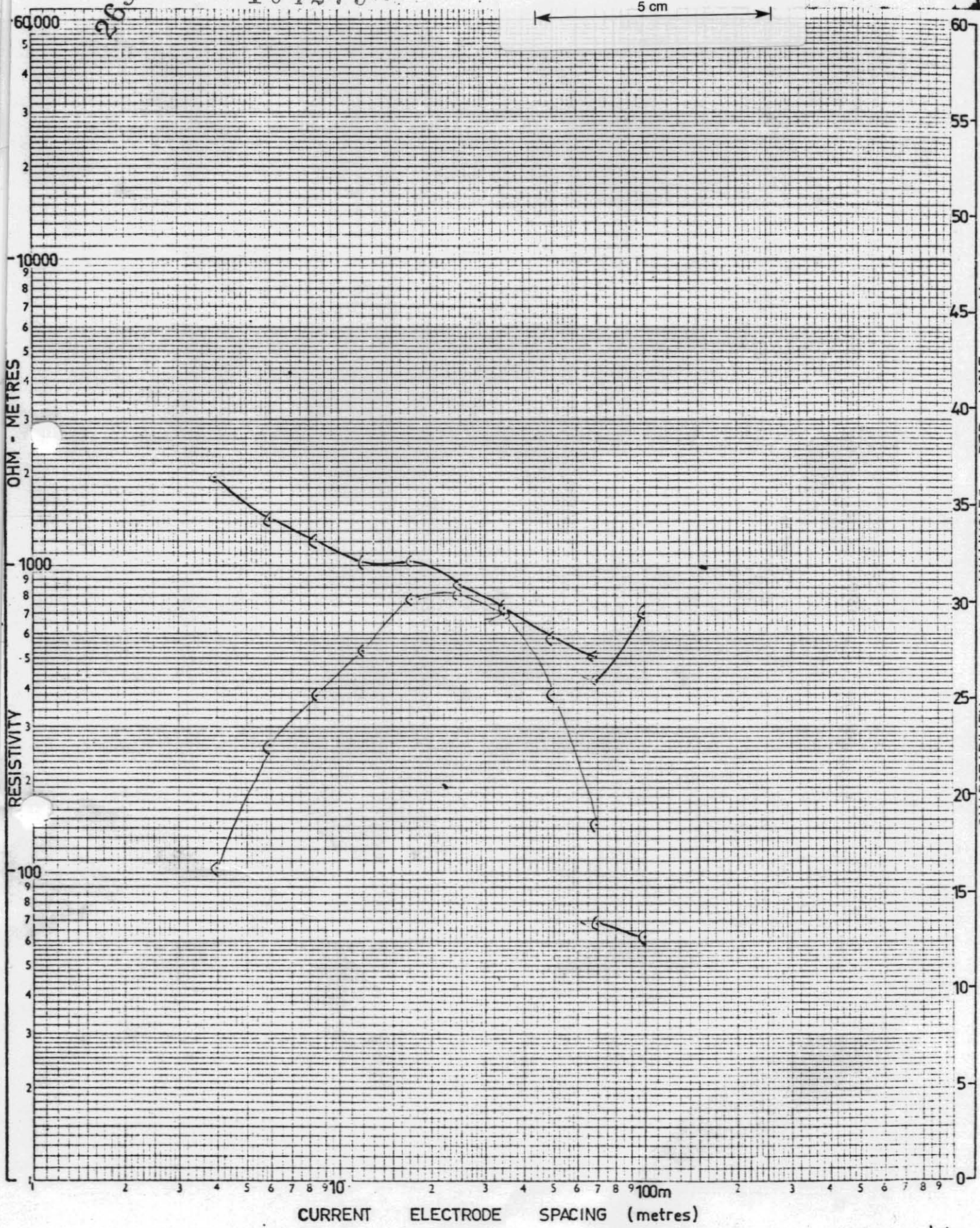
TEST Nº : K110 DATE : 22/9/79.

LOCATION : 63N 300E OPERATOR : DJW

BEARING : .....

263

104279



ANCHOR MINE LOTTAH GRID

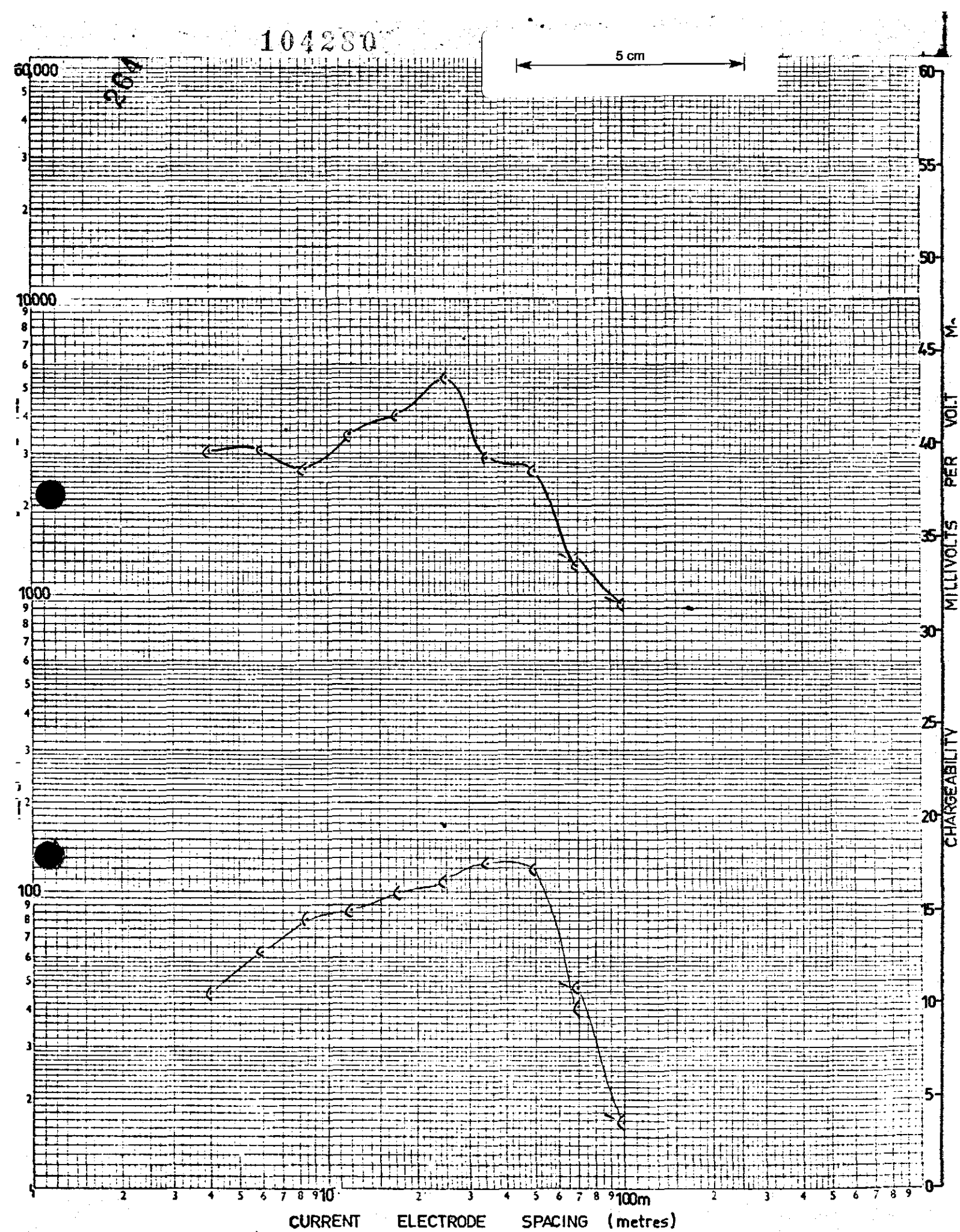
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K111 DATE : 22/9/79

LOCATION : 63N 600E. OPERATOR: DJW

BEARING : .....

104280



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

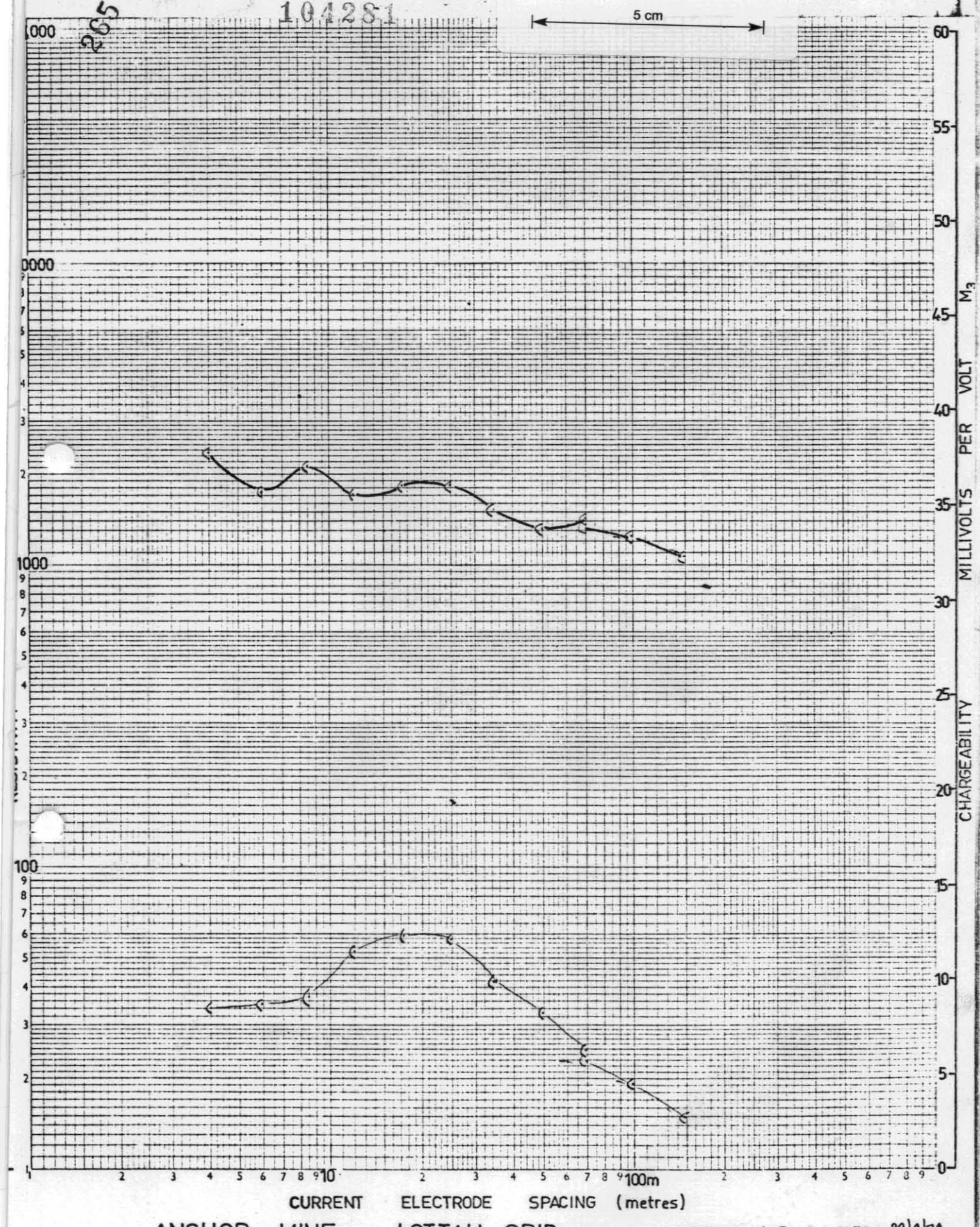
TEST Nº : K.112 DATE : 22/9/79

LOCATION : 63N. 900E OPERATOR : D.W.

BEARING : .....

104281

265



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

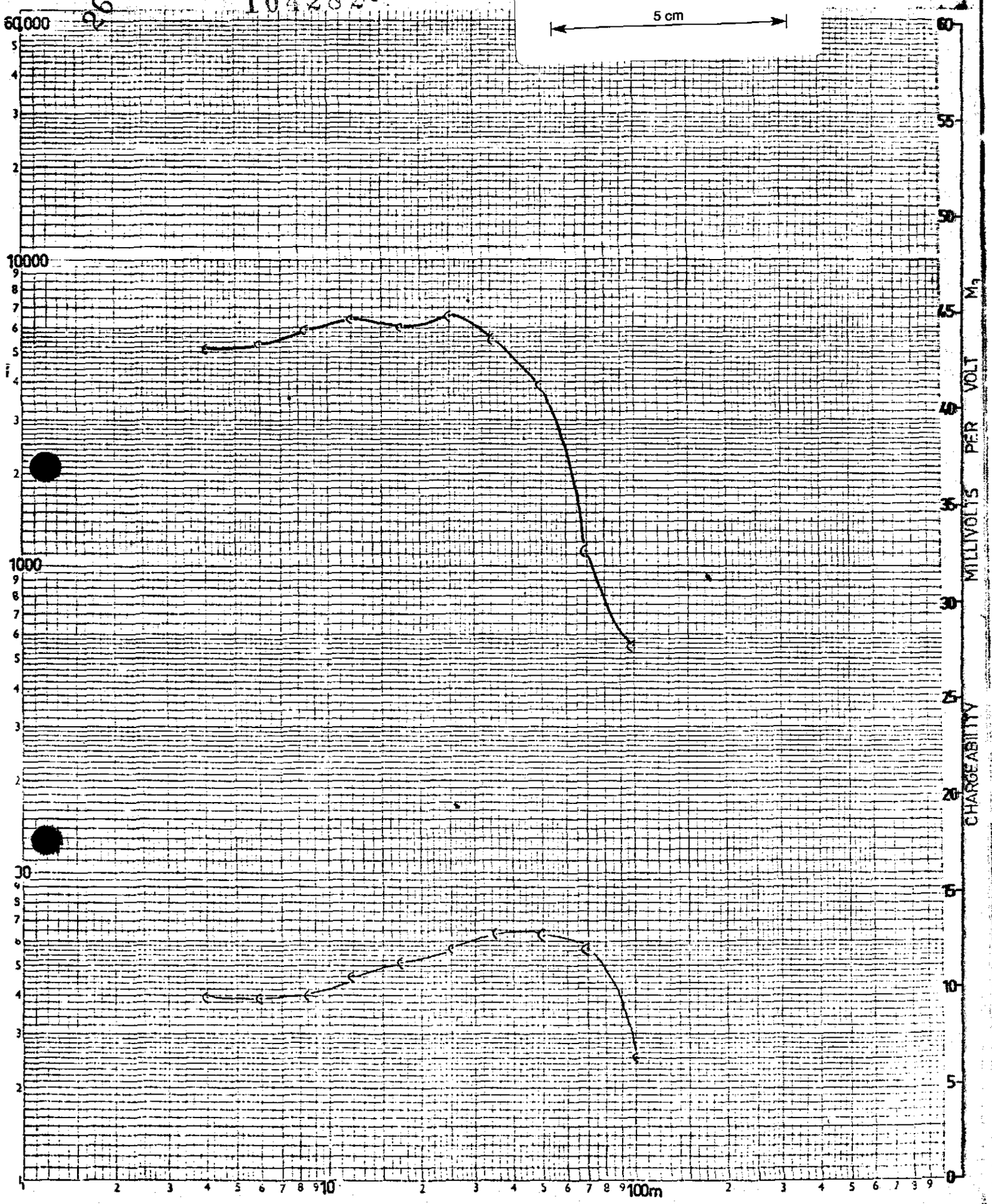
TEST Nº : K113 DATE : 22/9/79

LOCATION : 63N. 1200E OPERATOR: DJW

BEARING : .....

266

104282



'LOTTAH TUNNELS'

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

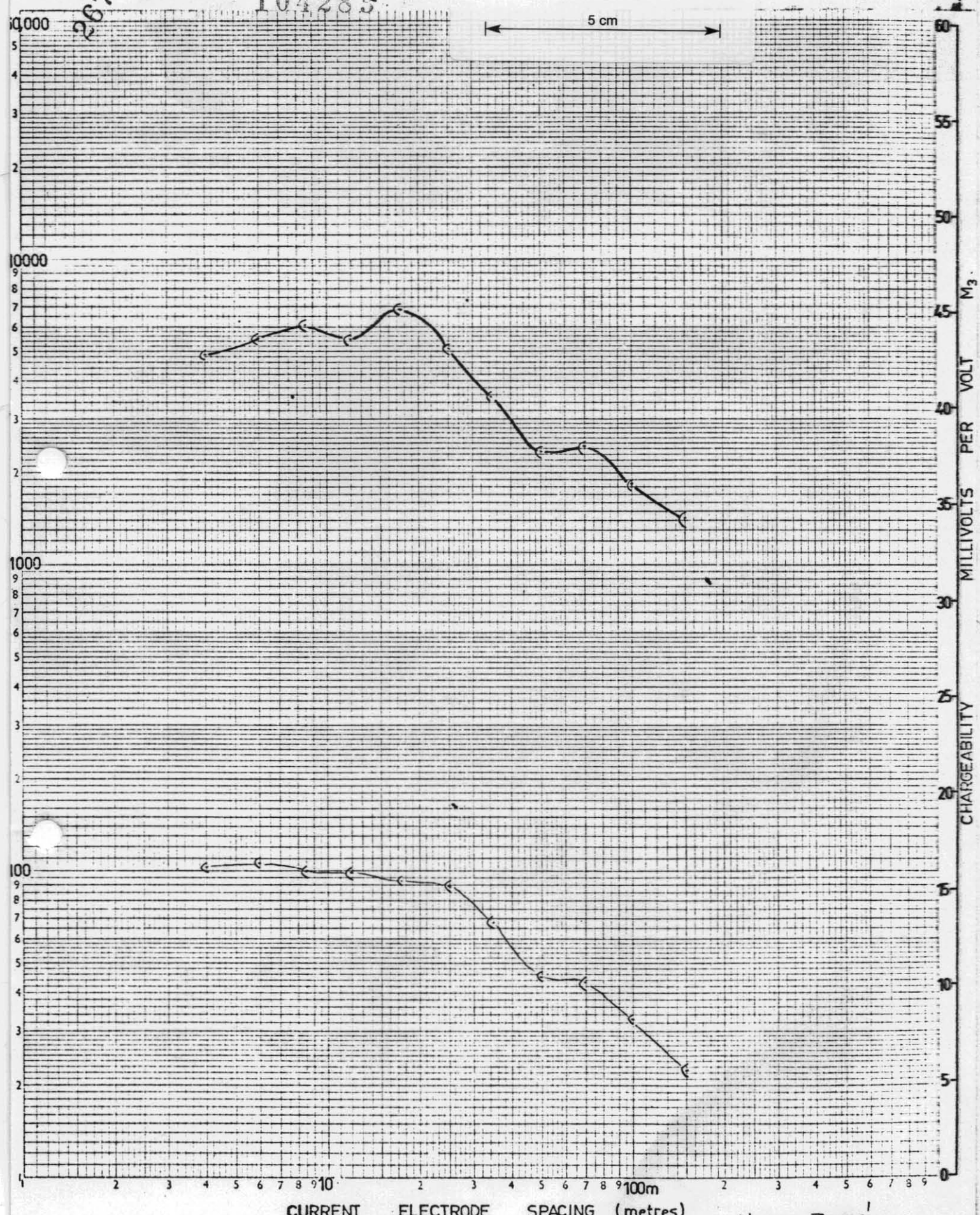
TEST Nº : K114 DATE : 23/9/78

LOCATION : 00N 00E. OPERATOR: DJW

BEARING: .....

267

104283



'LOTTAH TUNNELS'

ANCHOR MINE LOTTAH GRID

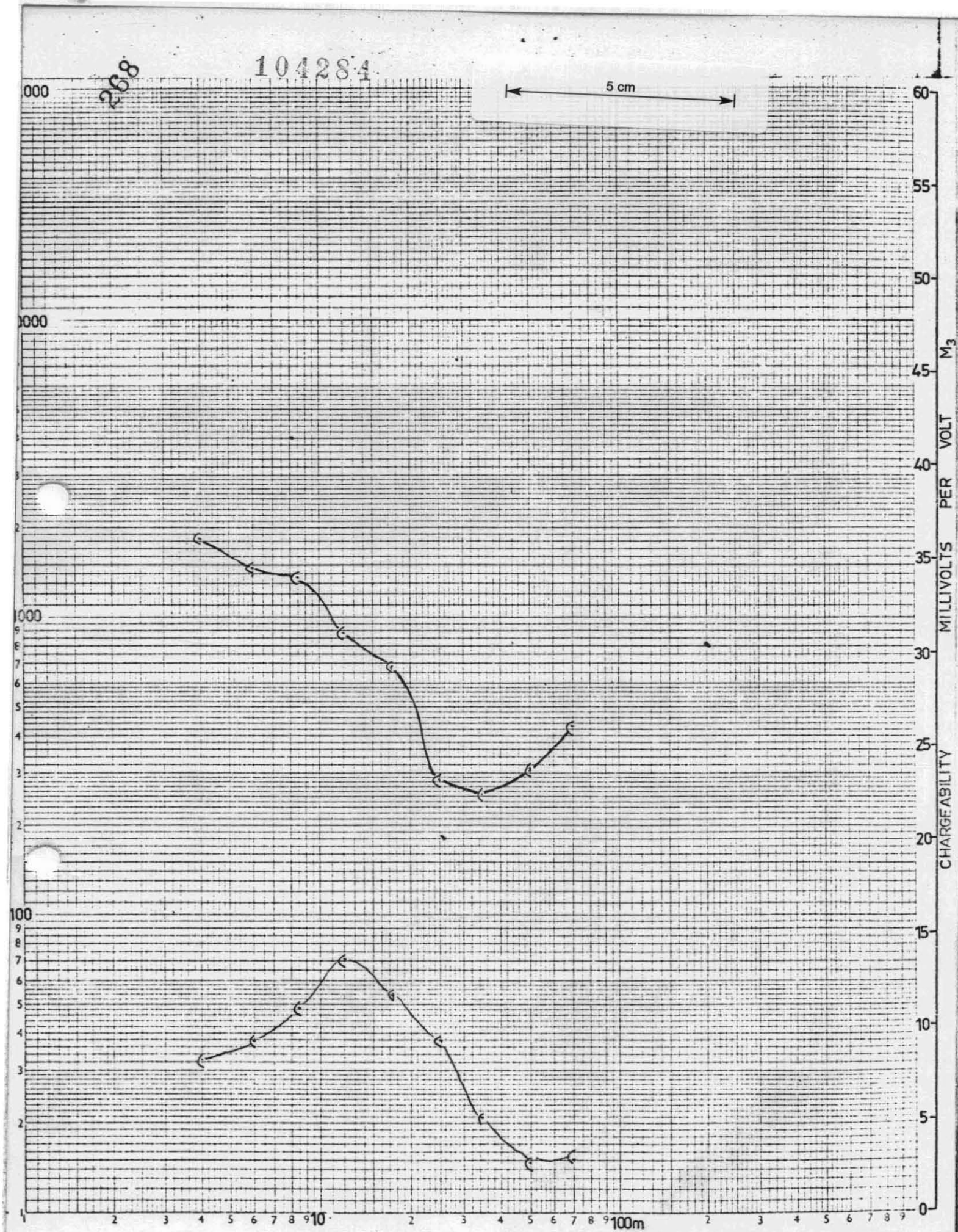
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K 115 DATE : 23/9/79

LOCATION 200N 00E OPERATOR: DJW

BEARING: .....

258
104284



'LOTTAH TUNNELS'

ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

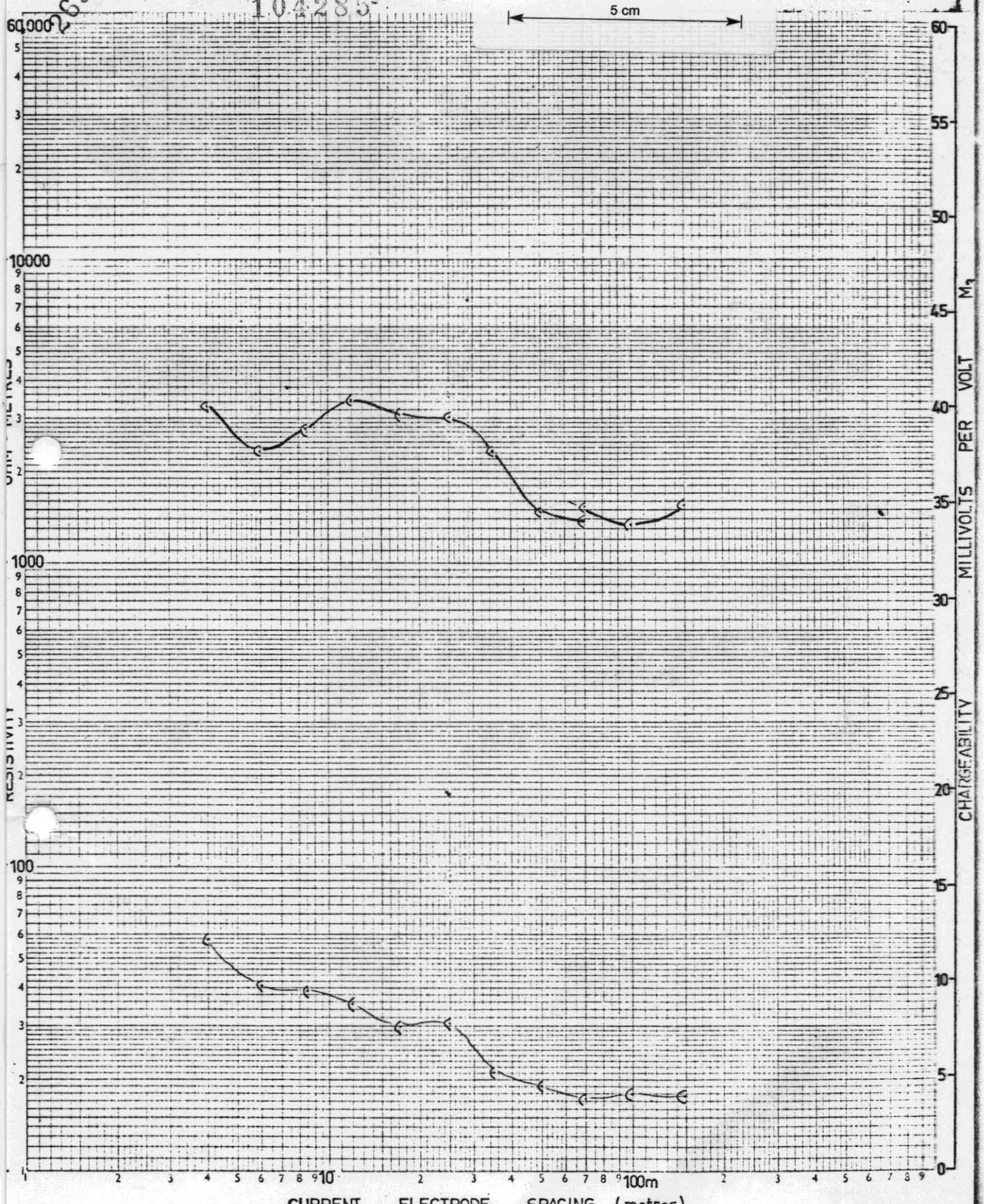
TEST Nº : K116 DATE : 23/9/79

LOCATION : 00 150S 00E OPERATOR: DJW

BEARING : .....

269

104285



ANCHOR MINE LOTTAH GRID

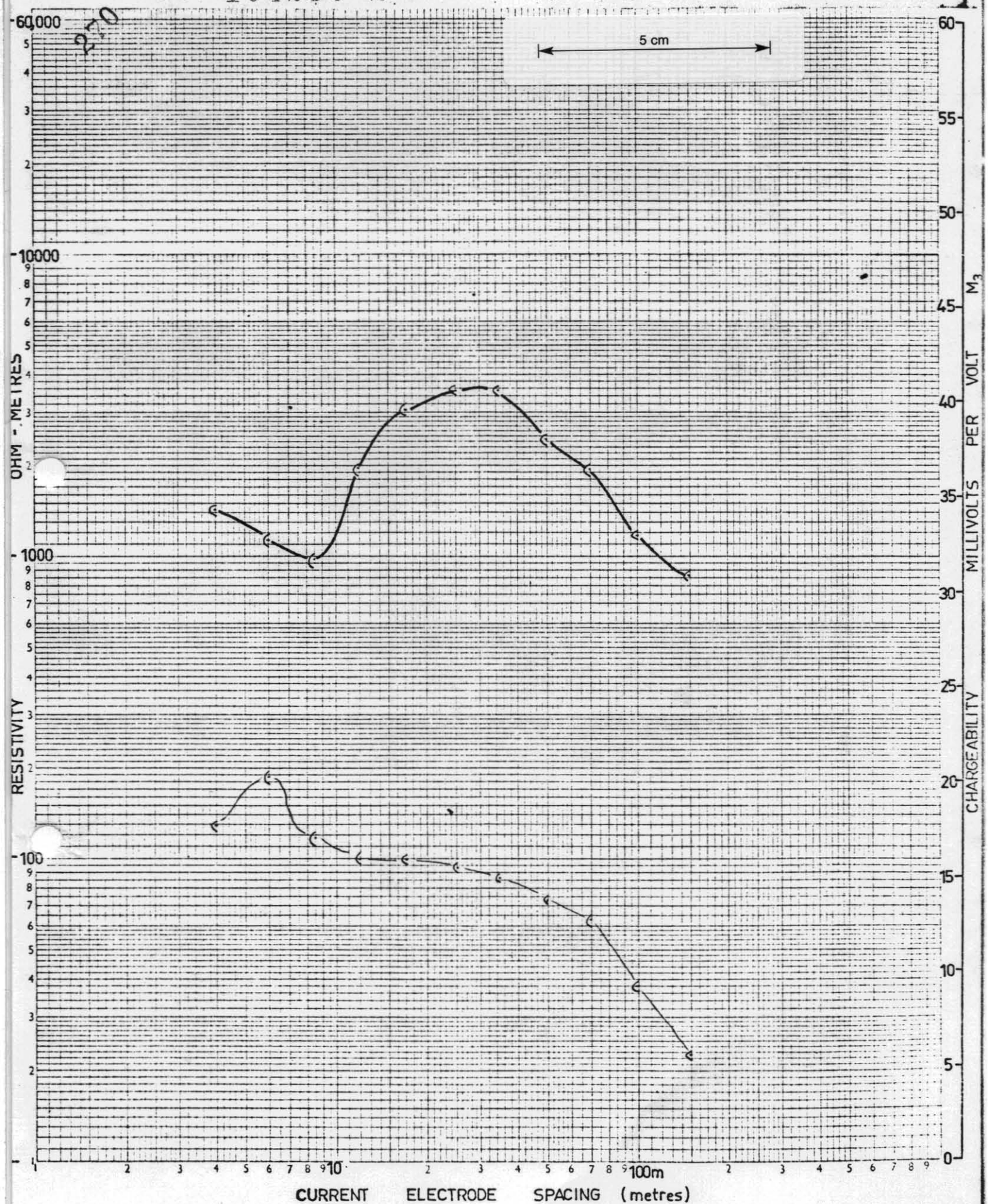
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K117 DATE : 24/9/79

LOCATION : 66N 300W OPERATOR: DJG

BEARING : .....

104286



ANCHOR MINE LOTTAH GRID

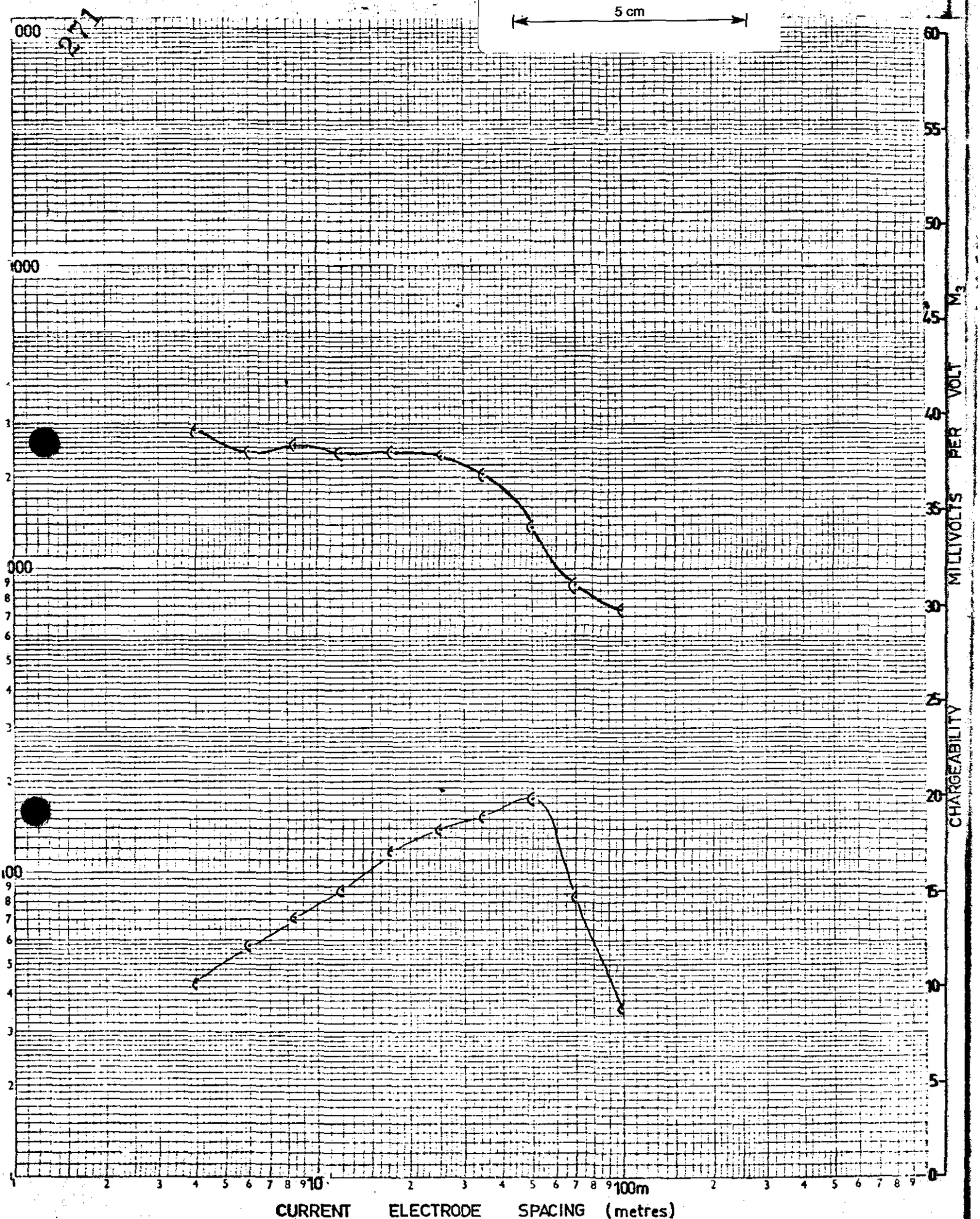
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K118 DATE : 24/9/79

LOCATION : 66N 600W OPERATOR: DJW

BEARING : .....

104287

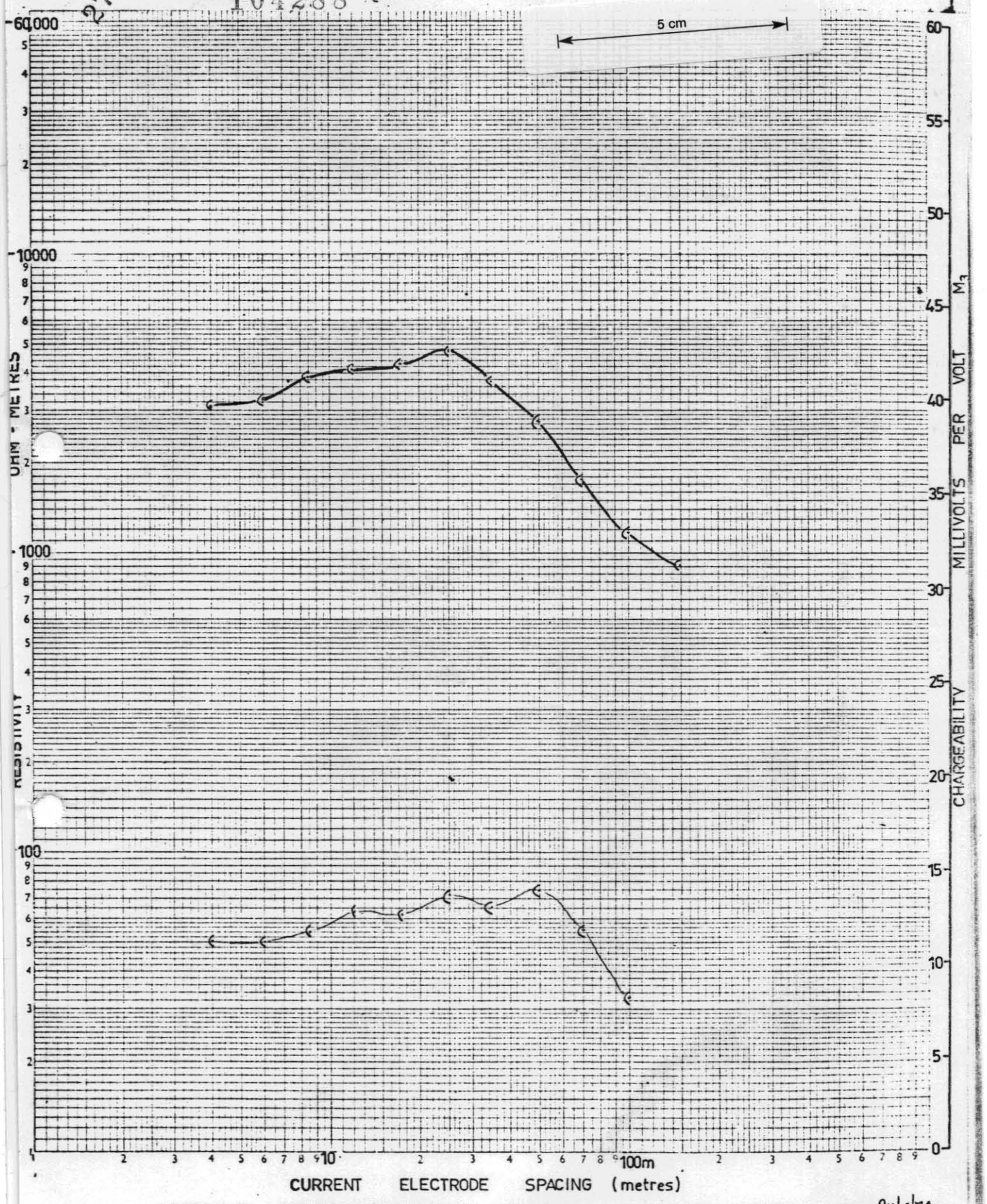


ANCHOR MINE LOTTAH GRID
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K119 DATE : 24/9/79
LOCATION : 66N 900W OPERATOR : DJS
BEARING :

272

104288



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

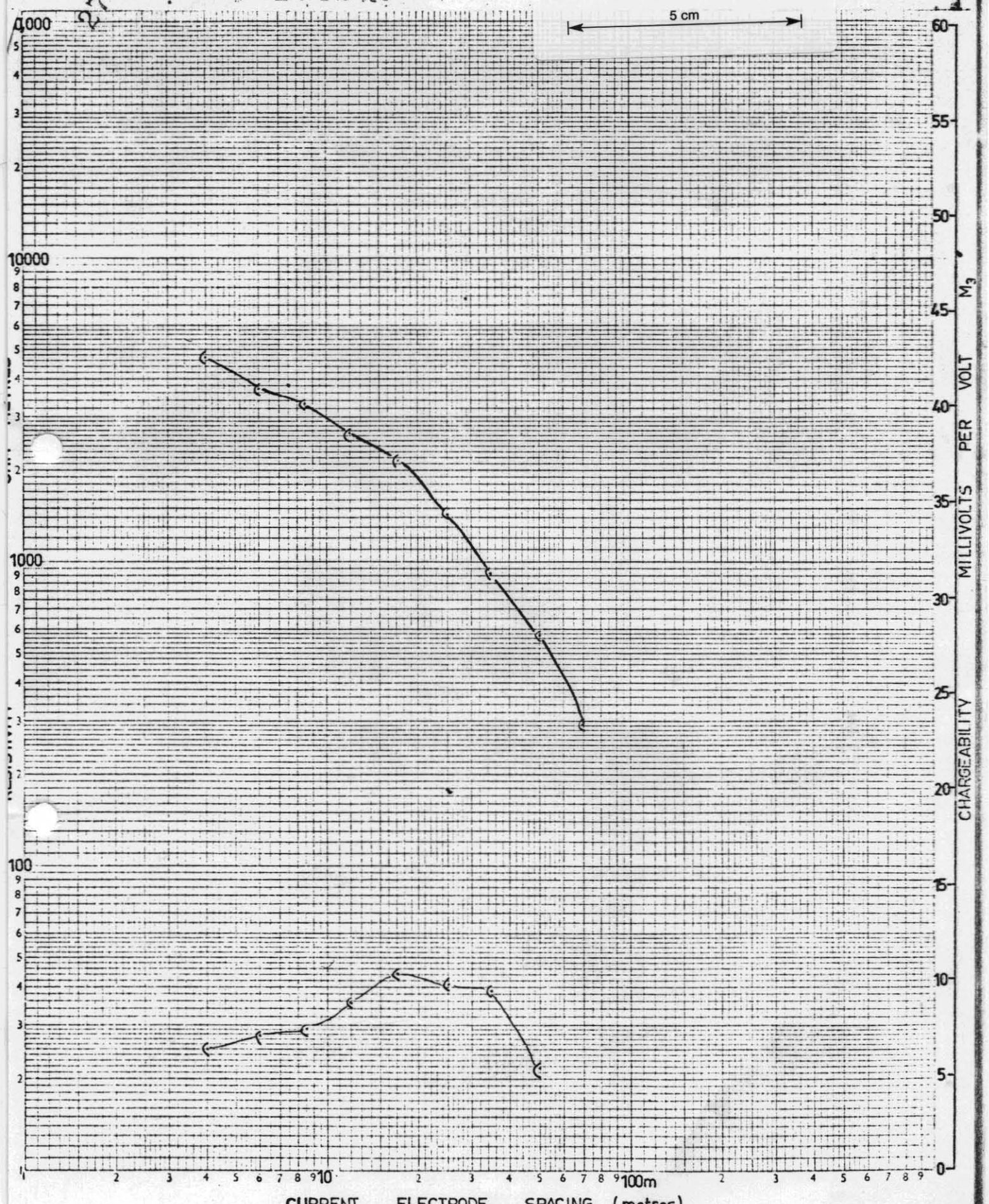
TEST Nº : K120 DATE : 24/9/79

LOCATION : 66N. 1200W OPERATOR : DJW

BEARING :

273

104289



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

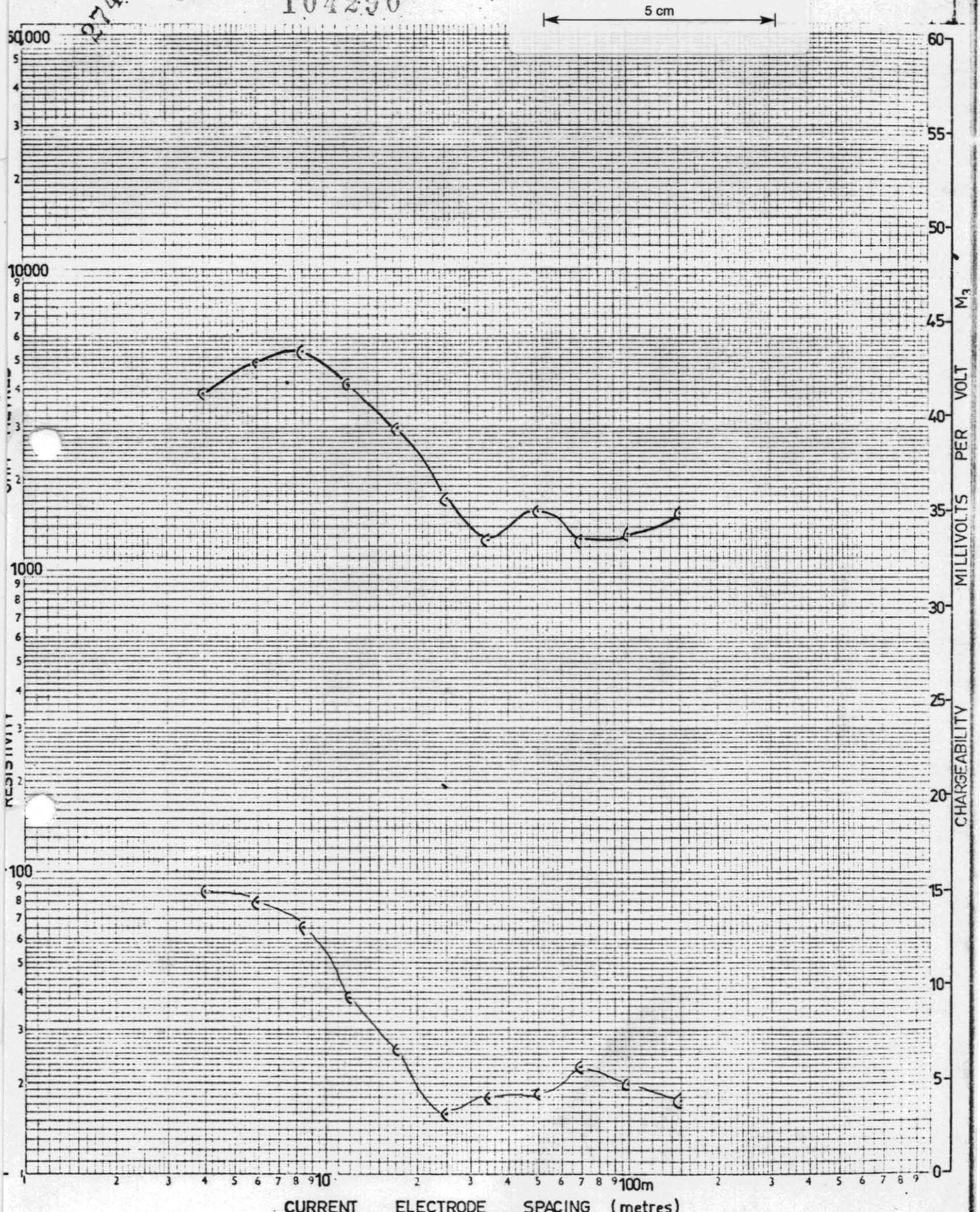
TEST Nº : K.121 DATE : 25/9/79.

LOCATION : 66N 243W OPERATOR : PW

BEARING : .....

274

104290



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

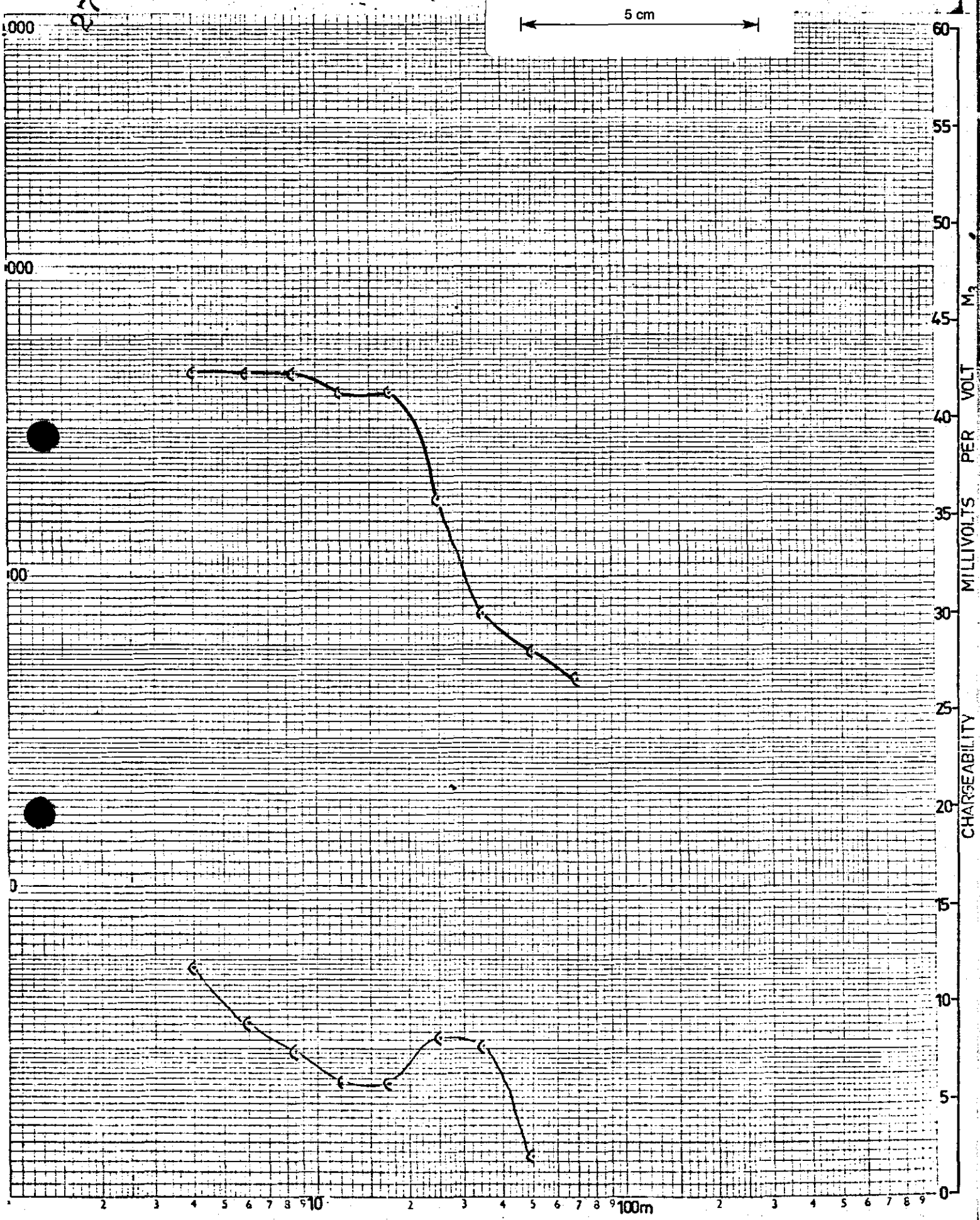
TEST Nº : K122 DATE : 25/9/79

LOCATION : 66N 2100W OPERATOR DJW

BEARING : .....

275.

104291



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

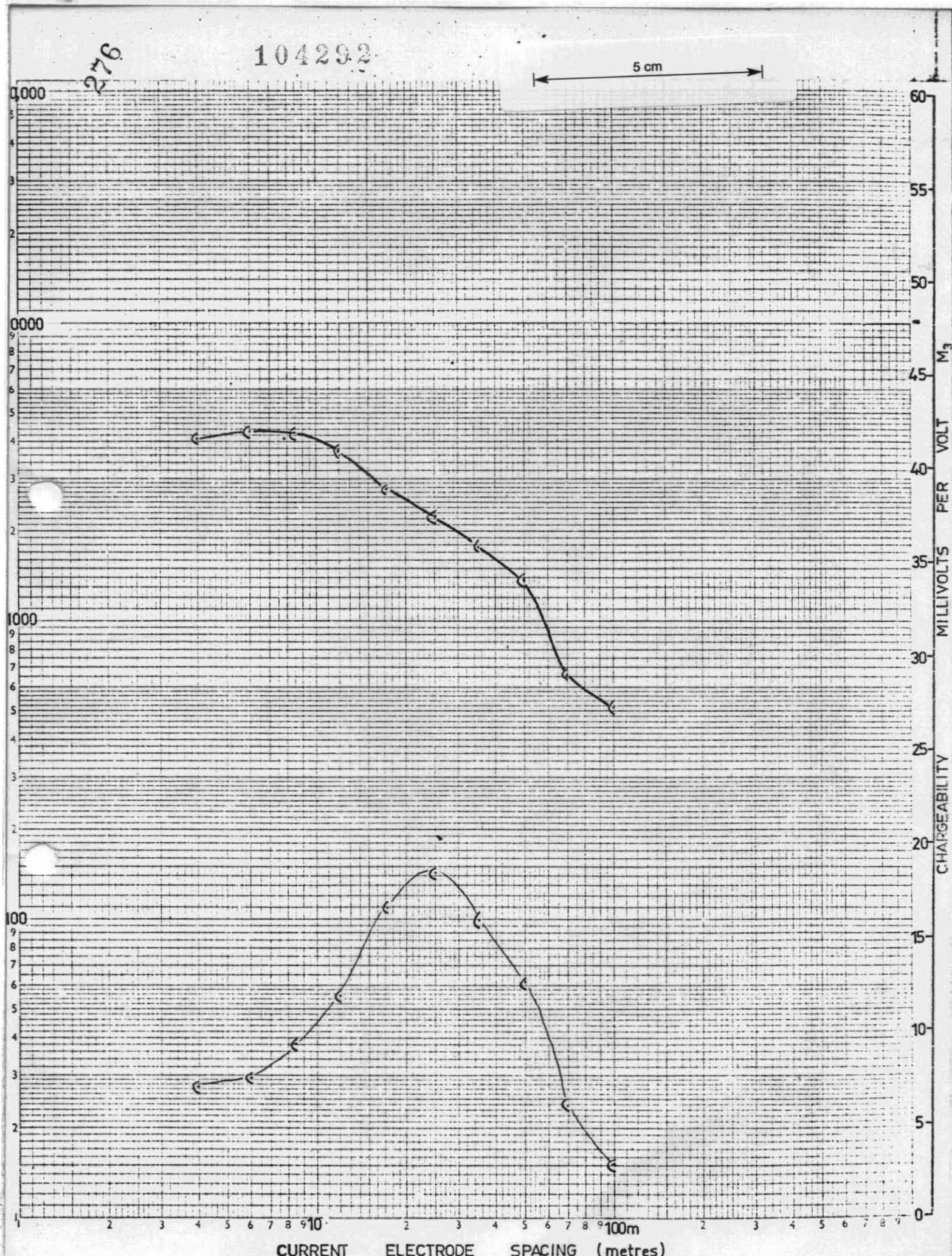
TEST Nº : K123 DATE : 25/9/79

LOCATION : 6oN / 800W OPERATOR : DJW

BEARING : .....

276

104292



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

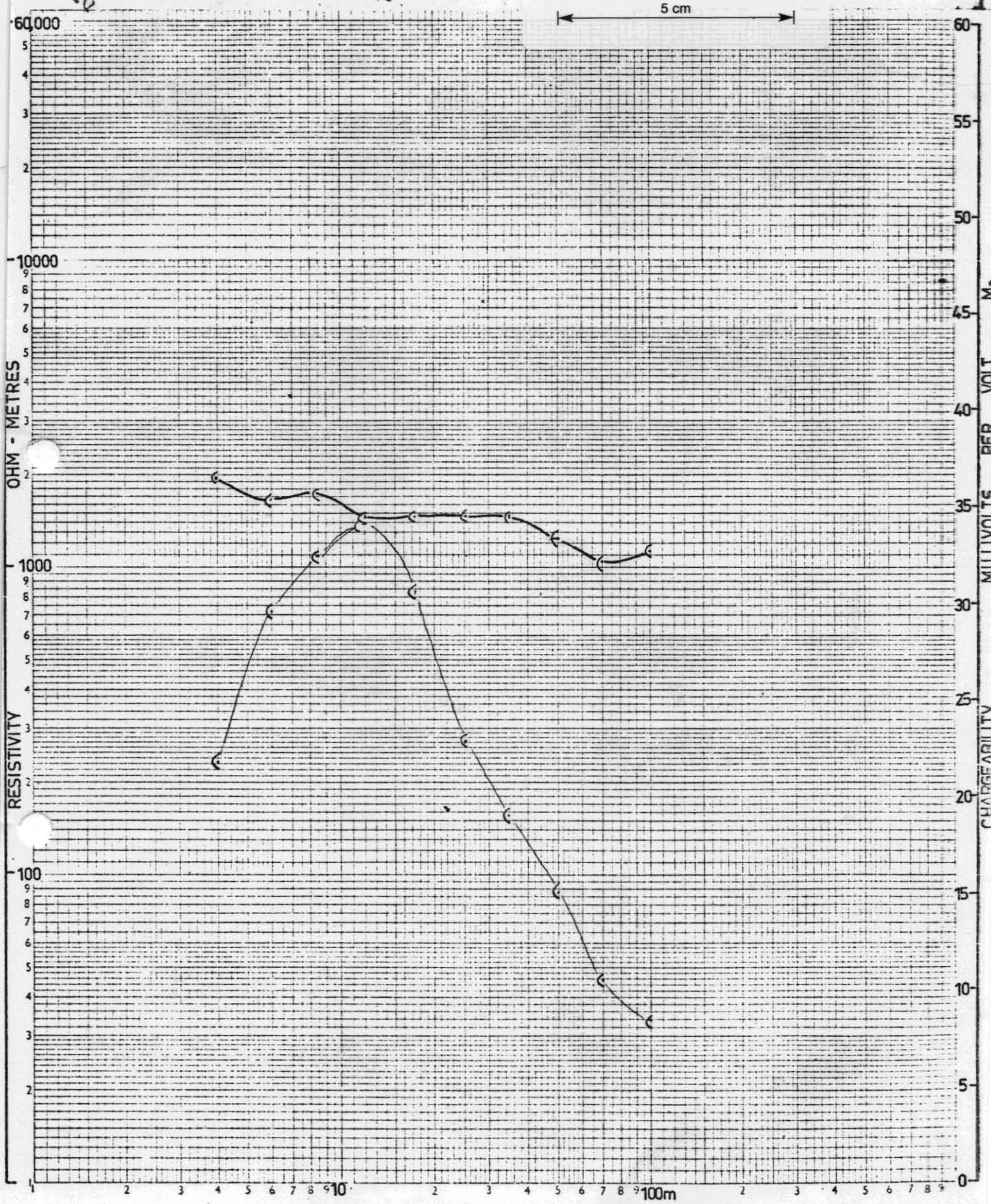
TEST Nº : K124 DATE : 25/9/79

LOCATION : 66N 1500W OPERATOR : DGW

BEARING : .....

277

104293



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

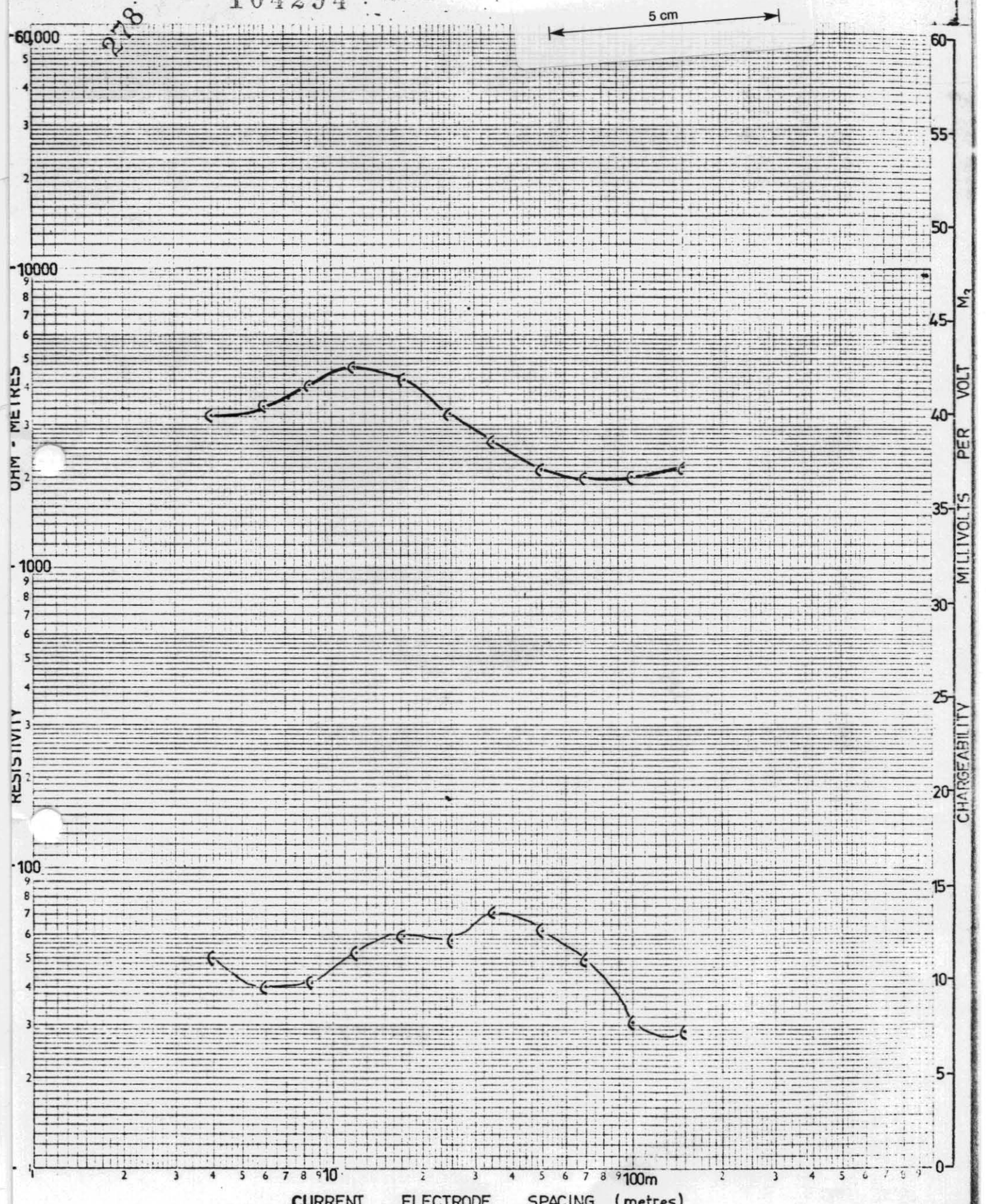
TEST Nº : K125 DATE : 26/9/79

LOCATION : 63N. 300W. OPERATOR : JW

BEARING : .....

104294

278



ANCHOR MINE LOTTAH GRID

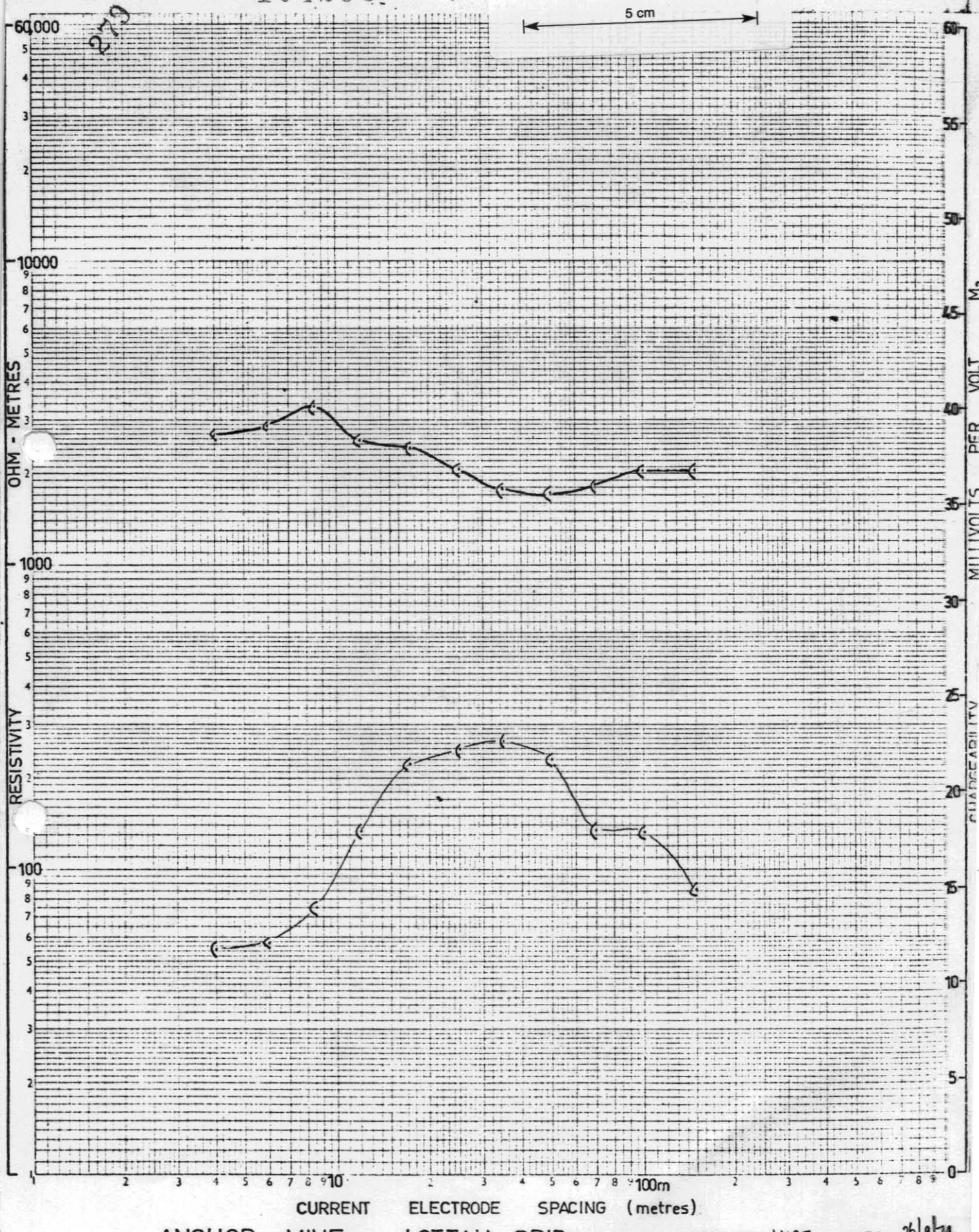
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K126 DATE : 25/9/79

LOCATION : 63N 600W OPERATOR : DJW.

BEARING : .....

104295



ANCHOR MINE LOTTAH GRID

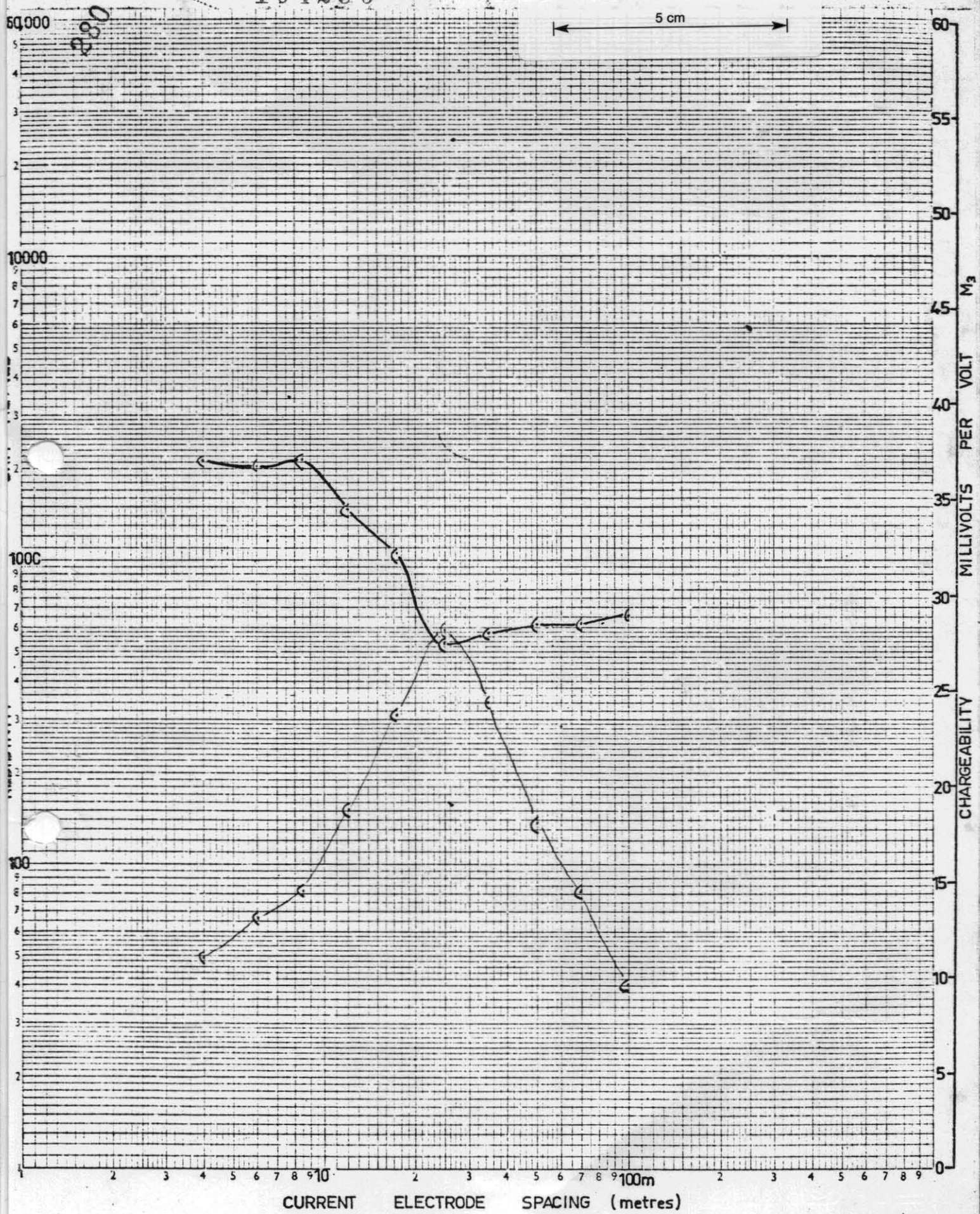
— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K127 DATE : 26/9/79

LOCATION: 63N. 900W OPERATOR: DGW

BEARING: .....

104296



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

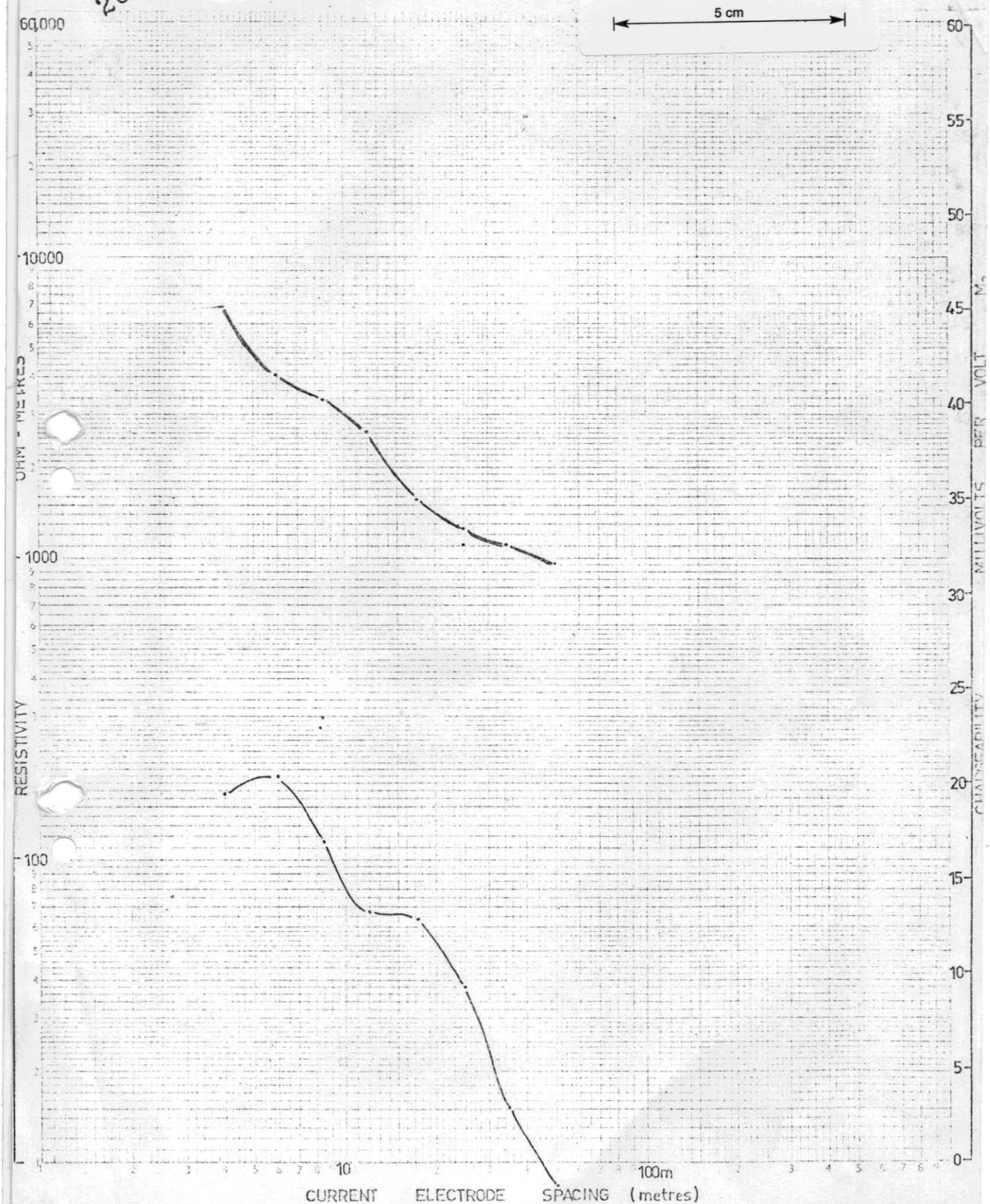
TEST Nº : K128 DATE : 26/9/79

LOCATION : 63N. 150W OPERATOR : DJW

BEARING : .....

281

104297



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K129 DATE : 26/9/79

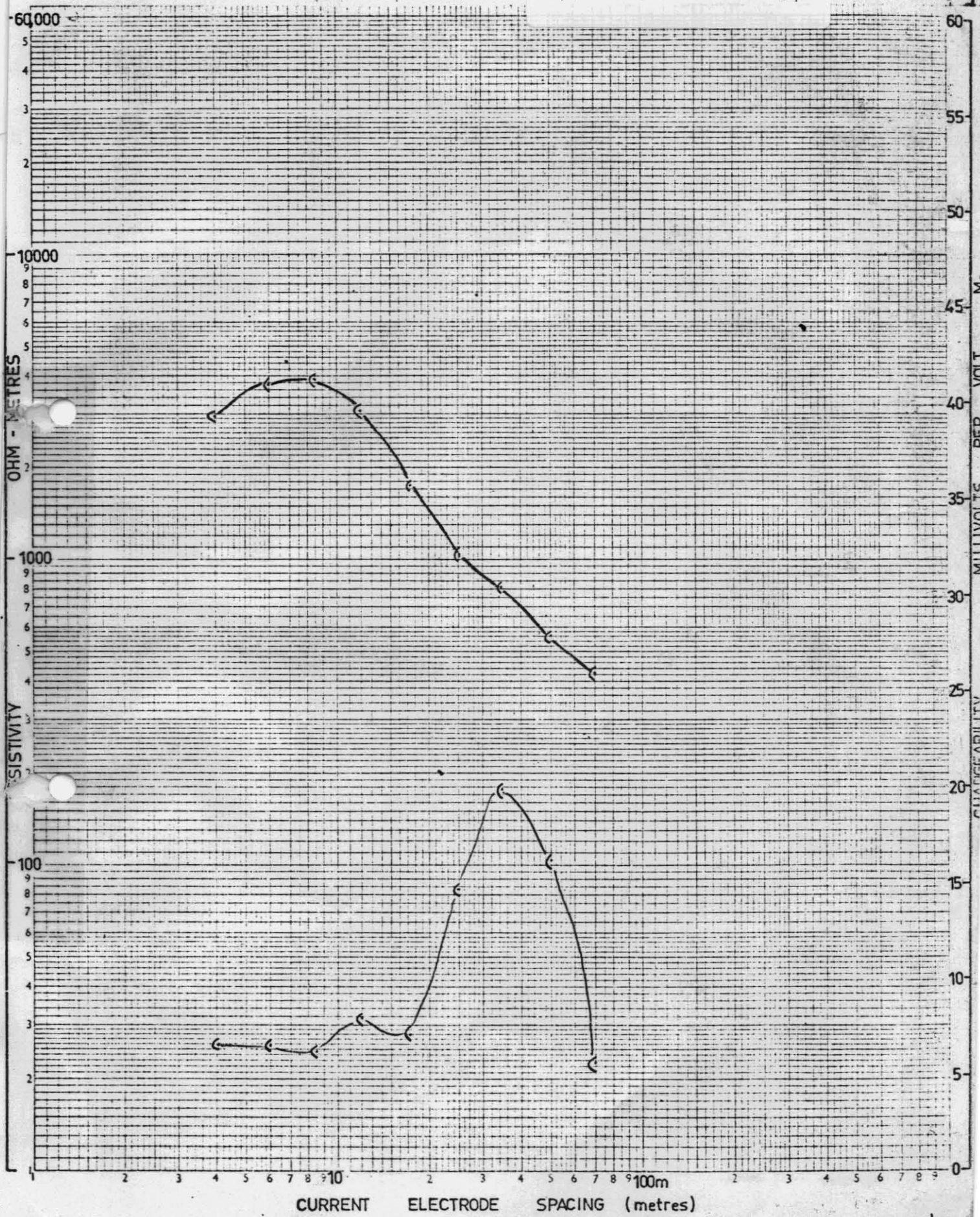
LOCATION : 63N 1600W OPERATOR : DJMS

BEARING : .....

282

104298

5 cm



ANCHOR MINE LOTTAH GRID

— I.P. ELECTRICAL SOUNDINGS

TEST Nº : K130 DATE : 27/9/79

LOCATION : DDH 69 OPERATOR : DJW

BEARING : .....