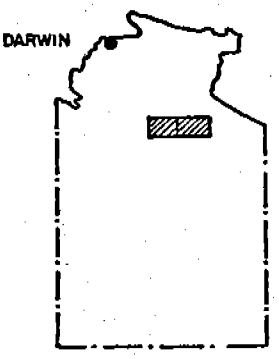
LANSEN CREEK, E.L. 2715 AND ADJACENT AREA

ANNUAL REPORT - 1981

January, 1982

Title	:	LANSEN CREEK, E.L. 2715 AND ADJACENT AREA ANNUAL REPORT - 1981
Period	:	15th JANUARY, 1981 - 15th JANUARY, 1982
Author	:	WESTERN MINING CORPORATION LIMITED
Subject	:	STRATIFORM COPPER AND STRATIFORM COPPER-LEAD-ZINC
Location	:	TANUMBIRINI SE53-2 BAUHINIA DOWNS SE53-3



ABSTRACT

The results of an integrated geological, geophysical and geochemical assessment of the potential for stratiform copper and stratiform lead-zinc-copper in this portion of the western McArthur Basin are reported. Photogeology and reconnaissance geological mapping have established only an incomplete knowledge of the detailed structure and stratigraphy of the upper Tawallah Group, McArthur group, and lower Roper group in the area. The results of 98.3 line kilometres of surface ironstone sampling, 23 lines of ground geophysics comprising 34.5 line kilometres of 100 metre dipole I.P. and 46.6 line kilometres of 200 metre loop T.E.M. are reviewed. Seven anomalous responses in four geologically selected target areas were investigated by twelve shallow percussion holes totalling 914 metres.

The results of the programme have not been encouraging although analytical data from the drilling programme are not yet available.

Expenditure on E.L. 2715 for the period 12/1/81 to 5/1/82 was $193,907.

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APPENDICES

FIGURES

1. LOCATION AND INTRODUCTION

Exploration Licence 2715 - Lansen Creek is located in the western McArthur Basin near the junction of the Tanumbirini (SE53-2) and Bauhinia Downs (SE53-3) 1:250 000 sheets. An area of approximately 824 square kilometres was sought on 14th August, 1980 to cover a structural window in the Roper group succession which exposed complexly segmented, folded, prominently outcropping upper Tawallah group quartzoze arenites and volcanics associated with poorly outcropping McArthur group sequences. The latter were considered to have potential as hosts for fault-associated stratiform lead-zinc mineralization in the southern and central portions of the area, and as hosts for stratiform copper mineralization around the southeastern margin of the Tanumbirini dome. Tenure of the exploration licence was granted on 15th January, 1981 and this report summarizes results from exploration activities during our first year of tenure.

Access to the area is via well maintained station roads from Tanumbirini Homestead and during field work (late May to early November) provided no difficulties. Access from existing tracks was possible across country for much of our early exploration activity but a Darwin-based contract D6C Caterpillar bulldozer was engaged to provide access to chosen percussion drill sites late in the field season, and was retained as a tractor during the drilling programme.

Previous work aimed at evaluating the base metal potential of the area has been restricted to geological mapping and limited surface sampling and was regarded as an incomplete test of its potential. Extensive areas underlain by the McArthur group are covered to variable depths by surficial sand and clayey soil, which in many cases overlies a thin veneer of poorly cemented ?Cretaceous quartz arenites and sands. Only very incomplete sequences are exposed and bedding dips are generally low; near surface blind positions could also be easily overlooked. The most effective test of the area's potential was considered to be an integrated approach combining systematic reconnaissance ground geophysics (100 m dipole I.P. and 200 m loop T.E.M.) and ground geochemistry over target positions generated by appraisal of the results of published mapping, a new 1:50 000 photo-interpretation and reconnaissance field checking. Anomalous responses from this programme were tested by twelve target oriented percussion holes in October and November, 1981.

2. GEOLOGY

2.1. Regional Setting and Stratigraphy

The regional geology is fairly well shown on the published Tanumbirini (SE53-2) and modified Bauhinia Downs (SE53-3)*[1] 1:250 000 geological sheets and as sketched in reports on exploration licences 1423 (A.O. Australia, 1977) and 1568 (Western Mining Corp. 1979). The exploration licence covers the southern portion of the Tanumbirini Dome, a regional

*[1] - In Jackson et al (1978)

anticlinal culmination which exposes the upper Tawallah Group succession above the Rosie Creek Sandstone (legend to Fig. 1), and a sequence of fault-bound quartz-rich arenite lenses to the south which follow a prominent splay of the Mallapunyah Fault. Fig. 1 (appended) is included to show the geometry, disposition and major lithologies within the area.

The prominently outcropping Tawallah and Roper Group lithologies are readily assignable to regional stratigraphic formations recognised widely in the McArthur Basin, with excellent exposures of the Tanumbirini volcanic member and Masterton Formation of the Tawallah Group and the Limmen Sandstone, Crawford Formation and Arnold Sandstone of the Roper Group within and adjacent to the licence area. The McArthur Group succession crops out very poorly within and adjacent to the area and the local stratigraphy cannot be confidently described from data within the licence area. Good exposures of the lower McArthur Group sequence occur to the immediate north on the western flank of the Tanumbirini Dome (west of Line 2 - E.L.3123) and in the vicinity of Lansen Creek. However, over very large portions of inferred McArthur Group recent sand and gilgai soil overlies a patchy veneer of thickly bedded medium grained Cretaceous sand which is locally up to 20 m thick (Line 6 area). A brief description of stratigraphic units exposed in the area is attempted in Table 1, although subdivision within the McArthur Group reflects sporadic outcrop distribution rather than any approximately complete sequence.

TABLE 1 - Stratigraphy E.L. 2715

Unit	Approx.thickness	Lithology and distribution
Roper Group		
Arnold Sandstone	> 40 m	Well exposed south of October Creek. Prominently jointed, thickly bedded, medium grained quartz arenite. Distinctive aerial photo texture. Thickness estimatec from topography south of October Creek.
Crawford Fm.	c 400 m	Patchily exposed along Line 28. Inter-bedded medium grained quartz arenite, red brown dolomitic quartz siltstone, laminate dolomitic siltstone and shale, thin bands algal chert/dolomite, PD28-900 green dolomitic siltstone and silty dolomite. Glauconitic in part.
Limmen Sandstone	c 350 - 400 m	Well exposed marginal to area, particular in hills between Lines 26 and 28. Very quartz rich thinly to thickly bedded and cross bedded haematitic muscovite bearing quartz arenite. Flaggy muscovite rich partings, fine to medium grained. Lesser fissile micaceous quartz rich sandy siltstone. Base unconformable on McArthur Group. Possible internal unconformity.

TABLE 1 - Stratigraphy E.L. 2715 (cont'd)

Unit	Approx.thickness	Lithology and distribution
McArthur Group		
Upper dolomitic siltstone. Unit 5.	> 180 m	Poor float outcrop Lines 19, 26, 29; inferred intersected PD19-400N/170W, PD26-750E, PD29-450E, and possibly PD6-2600E. Interbedded red brown micaceous dolomitic siltstone and green slightly pyritic fissile dolomitic siltstone, silty dolomite, minor carbonaceous dolomitic siltstone, some algal laminations. Red brown dolomitic siltstone near the top with thick interval (70 m PD29-450E) green dolomitic siltstones and silty dolomites in lower portions tested.
Sandstone/Chert pebble conglomerate. Unit 4.	> 100 m	Distinctive unit, outcrops well north of Lansen Creek and east of Tanumbirini Dome; the major fault bound arenite blocks in the Mallapunyah Fault south of Lansen Creek are very similar to this unit. Basal thinly to thickly bedded white to buff quartz arenite with bands lithic pebble conglomerate becoming prominent in middle and upper reaches of the unit. Clasts of oolitic and algal chert, dolomitic siltstone, quartz arenite, matrix quartzoze and feldspathic, variably haematitic. Prominent crossbedding, thin fining up sequences, pebble monolayers. Braided fluvial deposit derived from west and northwest. Base probably unconformable although lithological succession is transitional upward with increasing component quartzoze and lithic clastics.
Algal chert. Unit 3.	?> 10 m	Well exposed in Lansen Creek (5965-102932) and on the eastern margin of Tanumbirini Dome west of Line 2 (E.L.3123). Domal stromatolytic chert beds up to 2m interbedded with laminated red brown and green dolomitic siltstone, and clastic dolomite, minor quartzoze sandstone.
Unit 2.	?> 70 m	Thinly to thickly (>1m) bedded, moderately sorted haematic quartz arenites and feldspathic quartz arenites, medium grained, with variable proportions fine grained thin bedded buff quartz arenite and quartzoze siltstone (variably dolomitic). Patchily exposed along Lansen Ck and west of Line 2. Intersected? PD6-700. Locally includes thin bands evaporitic algal chert and dolomite, cauliflower chert beds up to 50cm thick occur in Lansen Creek.

TABLE 1 - Stratigraphy E.L. 2715 (cont'd)

Unit	Approx. thickness	Lithology and distribution
Unit 1.	c̄ 50 - 55 m	Patchily exposed west of Line 2, intersected PD6-450E. Interbedded green, grey green and black dolomitic siltstone, shale and silty dolomite, some laminated pyritic shale and bands of laminated algal chert in upper portions. Transitional downward to interbedded red brown dolomitic quartz siltstones with thin interbeds haematitic medium grained quartz arenite. Basal contact is transitional to Masterton sandstone.
?Tawallah Group		
Upper Masterton sandstone.	varies from 50 m to > 300 m	Bedded (1m) to thinly bedded, trough cross-bedded, medium grained, moderately sorted variably flaggy quartz arenite. Thin inter beds and discontinuous partings red brown quartz siltstone. Unit generally has minor feldspar. Appears to thin northwards along eastern margin of the Tanumbirini Dome, very thick to the east of Lines 13 to 15. Suggestion of a near middle unconformity near western end of Lines 7, 6 has not been field checked.
Lower Masterton Formation	Lenticular ? up to 200 m	This unit has only been examined near the headwaters of Crooked Creek. It comprises thickly bedded (>1m) well rounded volcanic pebble conglomerate locally derived from the Tanumbirini volcanic member. Contact relationships with the upper Masterton were not observed; may be a fanglomerate apron related to the Tanumbirini volcanic centre.
Tanumbirini Volcanics	c̄ 600 m	Well exposed along the eastern margin of the Tanumbirini Dome, moderately thick units of quartz porphyritic medium grained rhyolite/rhyodacite with phenocrystic feldspar; abundant crysts in a finer grained quartzo-feldspathic matrix. Interbedded with quartz rich buff to brown medium grained moderately well sorted quartz arenite. May be correlated with inferred altered volcanics drilled on Line 12.

The only apparent prominent regional unconformity in the area is that at the base of the Limmen Sandstone which, although it generally trends concordantly with the underlying succession as shown on Fig. 1, abuts Unit 5 of the McArthur Group in the southeastern portion of the area and Masterton sandstone adjacent to the southern and northern margins of the Tanumbirini Dome. There is little hard evidence for other than a lithological separation between the Tawallah and McArthur Groups and their contact is gradation in character (Table 1). It is unfortunate that the distribution of the conglomeratic Unit 4 of the McArthur Group cannot be more precisely defined with respect to the Masterton Formation although its relationship to Unit 3 both in the headwaters of Crooked Creek and along Lansen Creek suggest no great angular discordance at its base. There is some evidence for marked lateral facies and/or thickness change in the Masterton/Tanumbirini volcanic succession of the southern flank of the Tanumbirini Dome suggesting this was a positive feature in Masterton Formation times. Whether this reflects the influence of only a local volcanic centre with minor fringing conglomerates or syndepositional differential subsidence increasing rapidly off the southern flank of the dome is uncertain.

Correlation of the poorly exposed McArthur Group sequence with the stratigraphic successions established elsewhere in the basin by B.M.R. and exploration company geologists is somewhat indefinite. Jackson et al (1978) suggest largely from photo-interpretation that the sequence along Lansen Creek correlates with lower Umbolooga Subgroup successions in the Batten Trough and A.O. Australia (1978) make a similar correlation, although they assign some outcrops to formations different from those indicated by Jackson et al (1978). The succession from Units 1 to 3 has strong lithological similarities with the lower Umbolooga Subgroup (Mallapunyah Formation and Amelia Dolomite), although the position of the Unit 2 sequence is somewhat anomalous for what should be lower Mallapunyah Formation. The affinities of the Unit 4 sequence have similarly been disputed by past workers and partial correlations with the Tatoola Sandstone (Jackson et al 1978) and Leila Sandstone (A.O. Aust. 1977) have been suggested. The conglomeratic portion of Unit 4 was assigned by the latter authors to the Mount Birch Sandstone, with which it has some lithological similarities, and they suggest a profound unconformity at its base which, as discussed in Table 1, appears planar in portions of the area where it has been examined.

The close lithological affinities in general between Units 1, 2 and 3 and the Mallapunyah Formation/Amelia Dolomite sequence are interpreted as supporting the proposed correlation of these units with this portion of the stratigraphy, but at this stage we remain unconvinced about the affinities of the Unit 4 and 5 sequences.

2.2. Structure

Poor outcrop and uncertainties about some stratigraphic affinities make analysis of the structure of the area difficult to determine in detail. The succession along the eastern margin of the Tanumbirini Dome is relatively uniformly east-dipping (8^{o} to 20^{o}) and the structure appears to tighten

toward the north. The limb zone is offset by later WNW-trending fault systems near the headwaters of Crooked Creek (Fig. 1) although the sense of real displacement cannot be quantified, some north side down movement is probable.

The southern margin of the main Tanumbirini Dome is complicated by faulting in the vicinity of Lines 9 to 12, although there is no outcrop of sufficient continuity or photolinear expression to place these structures reliably. The northward plunging structural succession on the southern margin of the dome (Fig. 1) has been upthrown substantially with respect of northward dipping Masterton Formation in the major fault block along the Mallapunyah Fault to the south. If the interpretation of the Line 12 drilling as altered volcanics possibly correlated with the Tanumbirini volcanic sequence is correct then the fault system must trend NE to ENE and involve several hundred metres of dip slip component. The effect of this faulting does not extend to the Limmen Sandstone in the east.

If the suggested correlation of chert pebble conglomerates and arenites in the fault blocks south of Lansen Creek with McArthur Group Unit 4 rather than Masterton Formation is accepted then the structure along the Mallapunyah Fault zone defines a relatively open disrupted anticline with a component of downthrow - to the west of the fault. NE trending open flexures in the McArthur Group and Roper Group sequences near the fault may suggest a component of left lateral strike slip movement although the amount is difficult to quantify. It is difficult to argue any extensive movement in post Arnold Sandstone times. Shuffling movements on associated minor faults in this area are probably complex.

The structure along Lansen Creek to the west of the first Unit 4 exposure is poorly defined. Local swings in strike and associated close jointing suggest minor NE or ENE trending faults perhaps with a left handed sense. The extensive outcrop area of inferred relatively thin Mallapunyah Formation/Amelia Dolomite and relatively steep dips suggest some undetected faulting with a west side down sense and uncertain orientation (perhaps close to the strike of the sequence).

3. EXPLORATION RESULTS

From the initial photo-interpretation, field checking and compilation with published and unpublished mapping, four target areas were selected as having potential for stratiform base metal mineralization. Three areas in which inferred McArthur Group successions of unknown affinities abutted relatively major fault lines were selected as potential fault-associated lead-zinc-copper targets and programmed for systematic ground geophysics and geochemistry (i.e. Lines 21 to 28, Lines 13 to 20, and Lines 8 to 12). A fourth area (Lines 4, 6 and 7) was chosen as a stratiform copper target associated with thinning of the Masterton succession along the flank of the Tanumbirini Dome. Integrated I.P. (100 metre dipole), T.E.M. (200 m loop) and ironstone sampling was carried out over the stratiform Pb-Zn-Cu targets. I.P. (100 m dipole) and ironstone sampling was completed over the stratiform copper target. Results, as discussed hereafter, were in general disappointing.

3.1. Geochemistry

A total of 98.3 line kilometres of the photolocated grid was sampled for surface ironstone either at 50 m intervals or greater (in areas where samples were difficult to obtain). In three target areas an approximate grid spacing of 2 kilometres along inferred strike was chosen while closer spaced lines (approximately 1 kilometre along target strike) were used to evaluate the target position covered by Lines 21 to 29. The photogrid is plotted on Fig. 2 appended to this report. Samples were analysed for Cu, Pb, Zn, Mn, As, Fe and data to hand are given in Appendix 1 and plotted on Figs. Nos. 3, 4 and 5.

An orientation survey of inferred B-horizon soils and stream sediments close to bedrock was undertaken along Lansen Creek across the expanse of suboutcropping and shallowly covered McArthur group to the east of the Mallapunyah Fault in an attempt to establish background responses for the stratigraphy. Data for this are also included in Appendix 1 and included as Fig. 2. Surface samples taken during geological reconnaissance are located on Fig. 1 and analytical data are given in Appendix 1.

Base metal response from this survey was disappointingly subdued, Cu, Pb and Zn data are all less than 1000 ppm (Zn) and Zn is the only element of these to range over about 500 ppm. The overwhealming bulk of analytical data for Cu, Pb and Zn is less than 500 ppm. Statistical analysis of portion of the data processed to date discriminated subtle anomalies above background on Lines 6, 7, 9, 10 and 12. These were followed up by infill Lines 30, 31, 32, 33, 34, 35, 36, 37, 38, 39 and 40. For most anomalous responses there is no associated anomaly with other base metals and little close relationship to Mn. A detailed appraisal of much of these data has yet to be completed.

3.2. Geophysics

Portions of the photolocated grid (Fig. 2) were covered by ground geophysics (100 m dipole I.P. and 200 m loop T.E.M.). The line coverage for each method and significant results are shown in Table 2. No T.E.M. anomalous responses were encountered in the survey and field data are recorded on Fig. 6. Portions of each of the four target positions were also covered by 100 m dipole I.P. and ten anomalous responses were obtained. Profiles are included in Appendix 2. I.P. response in most cases was subtle and in general restricted to stratiform (and minor local) F.E. responses with little associated resistivity anomaly.

Fe

3.3. Percussion Drilling

Assessment of available data late in the field season indicated seven positions which required some subsurface testing by percussion drilling to resolve geophysical and geochemical anomalies. A total of 12 percussion holes were drilled in late October on E.L. 2715 by a modified H22 percussion rig operated by Darwin contractors, J. & P. Hickey. Hole locations are shown on Fig. 2 and results are tabulated in Table 3.

TABLE 2 - Lansen Creek Geophysics : Summary

Line	Km I.P. (100m dipole)	Km T.E.M. (200m loop)	Anomoly	Comments
4 -	1.0			
6	3.0		I.P. 400-900E	Moderate F.E.
			2500-2700E	Weak F.E.
7	2.0			
8		3.0		
9	3.0	3.0		
10		8.0		
11		10.0		
12	10.0	10.0		
13		2.0		
14	6.5	1.6		
15		1.6		
16		0.6		
17	1.5	1.6		
18		1.6		
19/400N	1.0		I.P. 0-400mW	Deep F.E.
19	3.5	1.6	I.P. 0-400mW	Deep F.E.
19/400S	1.0			
20		2.0		
22	2.5		I.P. 2100-2400mE	Moderate F.E.
26	2.5		I.P. 500-2500mE	Stratiform F.E.
27	1.5			
28	4.0		I.P. 600-1500mE	Extensive F.E.
			I.P.3100-3900mE	Extensive F.E.
29	1.5		I.P. 100-700mE	High F.E. in Extensive F.E.
			I.P.1100-1400mE	" " " " "
23 lines	34.5 line km	46.6 line km	10 anomalies	

TABLE 3 - Lansen Creek Percussion Drilling : Summary

Line	Location	Depth (m)	Anomaly	Results
6	450E	81	I.P.	Black fissile dolomitic siltstones, interbedded black and grey algal chert bands; laminae, stringers, very fine grained disseminated py from 23m to 64m. McArthur Group - Unit 1.
6	700E	81	I.P.	Red brown arenites (qtz.rich) and minor tan cherty lutites stratigraphically above 450E sequence. Hole failed to reach target depth. McArthur Group Unit 2.
6	2500E	17	Ironstone (Zn)	Poorly compacted Cretaceous sand (qtz.rich).
6	2600E	96	I.P./Ironstone (Zn)	Green dolomitic siltstones and dolomites, pyritic stringers and joint infilling, trace only. McArthur Group Unit 5.
12	900E	25	Ironstone (Zn)	Montmorillonitic clay ?after chloritized F.V.
12	1100E	15	Ironstone (Zn)	Montmorillonitic clay ?after chloritized F.V.
12	1300E	30	Ironstone (Zn)	Montmorillonitic clay ?after chloritized F.V., fresh green foliated chlorite/montmorillonite ?after chloritized/altered volcanic.
12	1500E	20	Ironstone (Zn)	Montmorillonitic clay after altered F.V.
19-400N	170W	141	I.P.	Green thinly bedded dolomitic siltstone, shale and dolomite, trace muscovite, and trace disseminated pyrite from 83m to 141m.
26	750E	161	I.P.	Green and dark grey-green fissile dolomitic siltstone, some algal laminations, traces pyrite and siderite from 120 to 161m.
28	900E	71	I.P.	Green, micaceous, silty dolomitic shale and dolomite with traces dissem. pyrite and pyrite stringers Crawford Fm.
29	450	175	I.P.	Green & dark green fissile dolomitic shale, lamin. to thinly bedded, slightly carbonaceous, some wispy algal laminae, trace dissem. pyrite and pyrite stringers. McArthur Group Unit 5.

Total holes: 12 Total metres: 913

Percussion logs are included on I.P. profiles in Appendix 2 to show the relationship of subsurface lithology to I.P. response on Lines 6, 19/400N, 26, 28 and 29. The shallow holes on Line 12 were completed over a subtle geochemical anomaly and anomalous surface geochemistry was also associated with PD6-2500 and 2600. Typed logs will be submitted with analytical data when these are available.

The results of the drilling programme were not encouraging, although in view of the spacing of drilling coverage and the generally flat dip of strata in all target positions it is difficult to rate the results until analytical data on samples collected have been obtained. The I.P. anomalous responses were associated with disseminated, stringer and minor laminated pyrite in green and black dolomitic siltstones, silty dolomites, algal dolomites and cherts (Table 3). The geochemical responses on Lines 6 and 12 are associated respectively with green dolomitic siltstones and algal dolomites with sparse pyritic laminae and stringers, and with foliated chlorite and ?montmorillonite clay after ?altered intermediate volcanics. Sulphides in most lithologies are very fine grained but base metal sulphides were not noted in any chip samples.

4. EXPLORATION EXPENDITURE

Intensive exploration activity on E.L. 2715 this field season required relatively heavy expenditure. Expenditure incurred during the period 15th January, 1981 to 5th January, 1982 was as follows:

Geological	$ 56,831
Geophysical	57,713
Geochemical	36,194
Surveying	7,650
Analytical	15,935
Drafting	16,466
Leasing	1,735
Administration	1,383
Outside Contractors	Charges not to hand
Total:	$193,907

5. RESUME

The generally poor geochemical and geophysical responses over target positions in E.L.2715 and the lack of visible encouragement from the percussion drilling programme considerably reduces the base metal potential of the area. Processing of outstanding data and analysis of the results from the percussion drilling programme have yet to be completed but it is anticipated that a much reduced exploration effort will be required at Lansen Creek in 1982 to assess residual potential.

REFERENCES

A.O. Australia Pty. Ltd.

Final Report, Exploration Licence 1423, covering the period 7th November, 1977 - 14th September, 1979.

N.T. Mines Dept. Open File.

Western Mining Corporation Limited

Eight Mile Creek E.L. 1568 and adjacent area for the period 7th August, 1978 to 7th August, 1979.

N.T. Mines Dept.

M.J. Jackson, M.D. Muir, K.A. Plumb, D.E. Large, M.C. Brown, K.J. Armstrong

Field Work Report, McArthur Basin Project, 1977.

Bureau of Mineral Resources Record 1978/54.

APPENDIX 1

LANSEN CREEK SURFACE GEOCHEMICAL DATA

(a) Fe stone

(b) B Horizon

(c) Surface rocks

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06787				3600	+10 Lag	60	>20.0	690	110	140	55
06788				3650	+10 "	50	>20.0	580	90	80	55
06789				3700	+10 "	45	19.0	200	60	80	35
06790				3750	+10 "	50	>20.0	830	90	100	60
06801				3800	+10 "	60	>20.0	280	60	80	40
06811				3850	+10 "	60	>20.0	260	70	70	50
06822				3900	+10 "	60	>20.0	180	80	80	55
06833				3950	+10 "	45	>20.0	140	80	60	55
06844				4050	+10 "	40	>20.0	230	50	160	75
06855				4100	+10 "	35	18.1	230	40	180	55
WR06866				4150	+10 Lag	40	11.8	180	30	80	40

SAMPLING RECORD

Material: FE

Depth : SURFACE

Sampled Logged By : PH & TR

Map No : SD53-2

Laboratory Request No : NR0318

Date : 7/9/81

Line No : 6

From : 3600

To : 4150

Photo No :

Bearing : 086 MAG

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648

PLOTTING RECORD

Map No's : 7001 - ②

Plotted By : D.A.B.

Section : NORTHERN REGION

Plan : LANSEN CK.

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06641 8				3500	+10 Near Current Termite Nest	60	>20.0	290	60	160	45
4191				3350	Hand Picked Lag	60	>20.0	760	90	220	50
4201				3300	" " "	60	>20.0	820	80	160	45
4211				3250	" " "	75	>20.0	1760	90	100	50
4221				3200	" " "	70	>20.0	950	80	80	45
4231				3150	" " "	40	>20.0	220	60	80	30
4241				3100	" " "	45	>20.0	800	90	310	50
WR06425				3050	Hand Picked Lag	40	>20.0	750	100	420	40

SAMPLING RECORD

Material: Fe
Map No: SE53-2
Line No: 6
Depth: SURFACE
Laboratory Request No: NRO309
From: 3500
To: 3050
Sampled Logged By: G S
Date: 27/8/81
Photo No: R2/77
Bearing: 266°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-3
Plotted By: D.A.B
Section: NORTHERN REGION
Plan: LANSEN CK
Scale: 1:25,000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065055				3000		35	>20.0	600	90	650	35
56				2950		40	>20.0	560	95	520	35
57				2900		30	>20.0	680	110	260	35
58				2850		55	>20.0	14400	105	680	50
59				2800		30	>20.0	1170	100	490	35
60				2500		30	>20.0	1630	110	360	60
61				2450		30	>20.0	1240	100	310	55
62				2200		45	>20.0	1630	100	110	45
63				1800		35	>20.0	820	85	190	35
64				1750		35	>20.0	11100	165	200	50
65				1700		35	>20.0	1350	70	220	30
66				1650		30	>20.0	930	70	60	45
67				700	Hand Picked Sample	25	>20.0	1600	70	40	45
68				050		15	11.7	1600	30	20	25
WR065069				000		10	10.5	50	25	10	20

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: Fe

Map No: SE 53-2

Line No: 6

Depth: Surface

Laboratory Request No:

From: 3000

To: 000

Sampled Logged By: PH & GS

Date: 25/6/81

Photo No: 2/77

Bearing: 086° Mag

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-9

Plotted By: D.A.B.

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0663				2050	Hand Picked Lag	20	>20.0	650	70	440	35
8664				2100	" " "	20	>20.0	810	80	150	35
8665				2150	" " "	25	>20.0	840	90	180	40
8666				2200	" " "	20	>20.0	1170	80	190	40
8667				2250	" " "	25	>20.0	1540	80	240	35
8668				2300	" " "	30	>20.0	40000	310	420	35
8669				2350	" " "	30	>20.0	1760	90	370	45
8670				2400	" " "	20	>20.0	2250	90	220	25
8671				2450	" " "	20	>20.0	880	80	190	40
8672				2500	" " "	20	>20.0	750	80	300	40
8673				2550	" " "	25	>20.0	800	90	270	35
8674				2600	" " "	25	>20.0	1330	90	600	35
8675				2650	" " "	30	>20.0	1860	80	530	30
8676				2700	" " "	25	>20.0	960	90	320	30
8677				2750	" " "	25	>20.0	1870	80	360	30
8678				2800	" " "	25	>20.0	1980	80	390	35
8679				2850	" " "	30	>20.0	2780	70	850	25
8680				2900	" " "	20	>20.0	1430	70	440	35
8681				2950	" " "	20	>20.0	1620	70	440	35
8682				3000	" " "	35	>20.0	960	60	340	30
8683				3050	" " "	30	>20.0	820	190	230	40
8684				3100	" " "	35	>20.0	630	70	90	25
8685				3150	" " "	35	>20.0	460	70	100	30
8686				3200	" " "	40	>20.0	370	70	30	30
8687				3250	" " "	35	>20.0	240	60	30	25
8688				3300	" " "	40	>20.0	5900	50	360	35
8689				3350	" " "	40	>20.0	180	60	40	30
8690				3400	" " "	30	>20.0	640	70	260	45
8691				3450	" " "	25	>20.0	540	80	210	40
WR0689 2				3500	Hand Picked Lag	25	>20.0	180	70	50	55

SAMPLING RECORD

Material:	Fe	Depth : SURFACE	Sampled By / Logged By: GS
Map No :	SE53-2	Laboratory Request No : NRO325	Date : 30/10/81
Line No :	7	From : 2050	Photo No :
		To : 3950	Bearing : 85°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648

PLOTTING RECORD

Map No's : 7001-9

Plotted By : D.A.B.

Section : NORTHERN REGION

Plan : LANSEN CK.

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO — Sample Co-ordinate N/S	Drill Depth FROM or TO — Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0651 03		3000	+10 Lag	35	>20.0	480	85	70	40
04		2950	" "	35	>20.0	420	80	60	25
05		2800	" Near Current Nest	35	>20.0	540	90	60	25
06		2700	" " " "	35	>20.0	490	75	40	25
07		2550	" " " "	30	>20.0	190	95	40	30
08		2500	" " " "	35	>20.0	230	95	40	35
09		2400	"	25	>20.0	130	80	20	25
10		2350	+10 Abundant Fe	30	>20.0	150	90	50	35
11		2300	Hand Picked	20	>20.0	100	75	20	25
12		2250	+10	35	>20.0	170	85	40	30
13		2200	"	35	>20.0	150	105	60	35
14		2100	"	40	>20.0	190	80	40	30
15		1800	" Near Current Nest	35	>20.0	170	95	60	40
16		1650	Hand Picked	20	>20.0	100	80	30	30
17		1600	+10 " " "	35	>20.0	150	85	50	45
18		1550	"	35	>20.0	200	75	40	35
19		1500	Hand Picked	20	>20.0	90	80	20	45
20		1400	+10 Lac	40	>20.0	170	80	40	40
21		1300	" Near Current Nest	30	>20.0	140	85	40	35
22		1200	" " " "	30	>20.0	180	75	40	30
23		1150	" " " "	35	>20.0	160	80	40	45
24		1100	" " " "	30	>20.0	150	75	40	25
25		1050	" " " "	35	>20.0	160	85	30	30
26		1000	" Abundant	30	>20.0	190	90	30	40
27		950	"	30	>20.0	110	85	30	40
28		900	" Hand Picked Abundant	25	>20.0	90	75	20	45
29		850	" " " "	30	>20.0	100	80	30	35
30		800	" " " "	30	>20.0	100	75	30	45
31		750	" " " "	25	>20.0	110	85	30	35
WR0651 32		700	" " " "	25	>20.0	90	75	20	30

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled By / Logged: PH & GS
Map No: SE 53-2
Laboratory Request No: NR0303
Date: 2/7/81
Line No: 8
From: 3000
To: 000
Photo No: 2/77
Bearing: 086° Mag

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-9
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065133				650	+10 Hand Picked	25	>20.0	100	75	20	25
WR065134				600	" Lag	40	>20.0	120	80	20	45
WR065135				550	" "	35	>20.0	120	95	30	50
WR065136				500	" "	35	>20.0	150	75	40	40
WR065137				400	" "	30	8.1	60	45	10	10
WR065138				200	" "	25	17.3	80	75	30	35
WR065139				000	" "	20	>20.0	60	70	10	55

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled By / Logged: PH & GS
Map No: SE 53-2	Laboratory Request No: NR0303	Date: 2/7/81
Line No: 8	From: 3000	Photo No: 2/77
	To: 000	Bearing: 086° Mag

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's:	7001-9
Plotted By:	D.A.B.
Section:	Northern Regn.
Plan:	Lansen Creek
Scale:	1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06501				1000	+10 Lag	15	3.7	600	30	10	5
42				950		15	4.8	700	40	10	5
43				900		15	3.6	600	15	10	5
44				800		15	4.0	700	25	10	5
45				600		15	3.8	500	20	10	5
46				500		15	4.0	600	25	10	5
47				450		25	4.0	600	20	20	5
48				400		20	3.0	500	15	20	5
49				300		15	3.3	500	15	10	5
50				250		15	3.4	400	20	10	5
51				200		15	3.2	500	25	10	5
52				100		10	3.0	500	20	10	5
53				050		15	3.5	600	15	20	5
WR06554				000		20	5.3	1050	55	10	15

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled By / Logged: PH & GS
Map No: SE 53-2
Laboratory Request No:
Date: 25/6/81
Line No: 4
From: 1000
To: 000
Photo No: 2/77
Bearing: 086° Mag

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06575 2				000	Hand Picked Lag	40	>20.0	100	220	130	50
7535				100	+20 Lag	15	6.8	50	10	10	10
7545				200	+10 "	20	>20.0	110	70	20	55
7555				250	Hand Picked "	35	>20.0	80	60	20	50
7566				300	" " "	25	>20.0	90	60	20	55
7577				350	" " "	30	>20.0	80	70	20	55
7588				400	" " "	30	>20.0	80	90	20	60
7599				450	" " "	35	>20.0	130	80	20	65
7600				500	" " "	35	>20.0	270	90	50	55
7611				550	" " "	35	>20.0	220	70	80	35
7622				600	+10 Near Current Termite Nest	40	>20.0	230	120	140	60
7633				650	+10 " " " "	40	>20.0	230	100	90	60
7644				700	+10 " " " "	40	>20.0	290	100	90	55
7655				750	+10 " " " "	40	>20.0	230	100	90	65
7666				800	+10 " " " "	40	>20.0	190	100	90	70
7677				850	+10 " " " "	40	>20.0	170	90	90	55
7688				900	+10 " " " "	40	>20.0	190	100	100	50
7699				950	Hand Picked Lag	30	>20.0	900	80	350	50
7700				1000	" " "	35	>20.0	870	80	370	50
7711				1050	+10 Near Current Termite Nest	45	>20.0	310	120	170	55
7722				1100	Hand Picked Lag	35	>20.0	350	100	120	60
7733				1150	+10 Lag	45	>20.0	320	130	190	50
7744				1200	+10 Near Current Termite Nest	45	>20.0	430	140	220	60
7755				1250	+10 " " " "	40	>20.0	260	120	150	55
7766				1300	+10 " " " "	40	>20.0	300	120	170	50
7777				1350	Hand Picked Lag	35	>20.0	830	90	170	65
7788				1400	+10 Near Current Termite Nest	40	>20.0	350	120	130	45
7799				1450	Hand Picked Lag	30	>20.0	460	90	210	55
7800				1500	+10 Near Current Termite Nest	40	>20.0	330	10	90	50
WR06578 1				1550	Hand Picked Lag	40	>20.0	150	80	110	65

SAMPLING RECORD

Material: Fe

Depth: Surface

Sampled Logged By: GS & KT

Map No: SE 53-2

Laboratory Request No: NRO305

Date: 7/8/81

Line No: 9

From: 000

To: 3000 E

Photo No: R2/77

Bearing: 86°

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001 - 8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065782		1600	+10 Near Current Termite Nest	40	>20.0	240	100	80	65
7783		1650	+10 " " " "	40	>20.0	200	100	80	65
7784		1700	Hand Picked Lag	40	>20.0	710	80	310	50
7785		1750	" " "	35	>20.0	170	80	60	50
7786		1800	+10 Lag	35	>20.0	650	80	370	50
7787		1850	+10 Near Current Termite Nest	40	>20.0	190	90	80	70
7788		1900	Hand Picked Lag	30	>20.0	310	70	320	45
7789		1950	" " "	25	>20.0	200	70	160	50
7790		2000	" " "	30	>20.0	160	80	190	65
7791		2050	+10 Near Current Termite Nest	40	>20.0	140	80	90	60
7792		2100	Hand Picked Lag	35	>20.0	240	80	120	70
7793		2150	" " "	20	>20.0	180	80	40	60
7794		2200	" " "	30	>20.0	900	80	280	50
7795		2250	" " "	25	>20.0	650	80	170	55
7796		2300	" " "	45	>20.0	180	100	130	55
7797		2350	" " "	25	>20.0	360	60	150	40
7798		2400	" " "	25	>20.0	3300	150	180	60
7799		2450	" " "	15	>20.0	300	90	50	50
7800		2500	" " "	10	>20.0	690	90	100	45
7801		2550	" " "	25	>20.0	450	90	310	50
7802		2600	" " "	30	>20.0	230	90	80	60
7803		2650	" " "	30	>20.0	830	90	230	60
7804		2700	" " "	30	>20.0	480	90	300	50
7805		2750	" " "	25	>20.0	480	90	140	55
7806		2800	" " "	25	>20.0	290	100	130	55
7807		2850	" " "	25	>20.0	1070	90	360	50
7808		2900	" " "	25	>20.0	610	90	430	45
7809		2950	" " "	25	>20.0	680	80	280	55
WR065810		3000	+10 Lag	35	>20.0	440	160	150	70

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled By / Logged: GS & KT	
Map No: SE 53-2	Laboratory Request No: NRO305	Date: 7/8/81	
Line No: 9	From: 000	Photo No: R2/77	
	To: 3000 E	Bearing: 86°	

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06548				8000	HP LAG	20	>20.0	150	110	30	45
4489				7950	HP LAG	20	>20.0	250	90	20	50
4490				7900	HP LAG	30	>20.0	190	110	30	55
4491				7850	HP LAG	35	>20.0	130	110	40	55
4492				7800	+10 Near current termite nest	40	>20.0	460	130	60	55
4493				7750	+10 LAG	40	>20.0	270	110	80	65
4494				7700	+10 LAG	40	>20.0	500	130	70	60
4495				7650	+10 Near current termite nest	40	>20.0	2200	180	60	55
4496				7600	+10 " " " "	40	>20.0	1660	150	60	55
4497				7550	+10 LAG	40	>20.0	1450	160	70	70
4498				7500	+10 LAG	45	>20.0	1630	150	90	60
4499				7450	+10 "	55	>20.0	18100	240	100	60
5000				7400	+10 "	40	>20.0	6800	170	80	50
5001				7350	HP "	20	>20.0	1390	110	210	45
5002				7300	HP "	35	>20.0	1920	120	60	50
5003				7250	HP "	30	>20.0	400	100	30	45
5004				7200	HP "	20	>20.0	340	100	40	45
5005				7150	HP "	35	>20.0	240	80	200	50
5006				7100	HP "	20	>20.0	350	80	90	45
5007				7050	+10 "	40	>20.0	1820	140	190	55
5008				7000	+10 "	45	>20.0	370	140	140	50
5009				6950	HP "	30	>20.0	590	120	90	50
5010				6900	+10 "	25	>20.0	450	100	110	40
5011				6850	HP "	25	>20.0	430	100	220	50
5012				6800	HP "	25	>20.0	470	100	360	45
5013				6750	HP "	20	>20.0	460	90	90	45
5014				6700	+10 Near current termite nest	50	>20.0	1550	150	150	50
5015				6650	+10 " " " "	55	>20.0	500	140	160	50
5016				6600	+10 " " " "	50	>20.0	500	130	200	55
WR06517				6550	+10 " " " "	50	>20.0	390	110	180	55

SAMPLING RECORD

Material: FE

Map No: SE 53.2

Line No: 10

Depth: SURFACE

Laboratory Request No: NR 0305

From: 8000 E

To: 000

Sampled Logged By: GS & KT

Date: 7/8/81

Photo No: R/2/77

Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065518				6500	HP LAG	40	>20.0	16800	110	80	50
5519				6450	HP LAG	40	>20.0	500	100	340	70
5520				6400	+10 Near current termite nest	55	>20.0	420	140	280	50
5521				6350	+10 LAG	60	>20.0	340	120	190	55
5522				6300	+10 LAG	50	>20.0	320	140	230	50
5523				6250	+10 "	40	>20.0	890	110	120	45
5524				6200	HP "	30	>20.0	370	100	80	45
5525				6150	HP "	30	>20.0	340	100	80	35
5526				6100	+10 "	45	>20.0	240	150	170	60
5527				6050	HP "	30	>20.0	120	110	30	60
5528				6000	+10 "	55	>20.0	260	150	160	55
5529				5950	+10 Near current termite nest	55	>20.0	500	160	140	55
5530				5900	+10 " " " "	50	>20.0	300	150	160	60
5531				5850	HP LAG	30	>20.0	160	100	50	55
5532				5800	HP LAG	30	>20.0	160	110	30	50
5533				5750	+10 Near current termite nest	55	>20.0	230	120	90	65
5534				5700	+10 " " " "	50	>20.0	420	140	100	55
5535				5650	HP LAG	35	>20.0	180	110	150	45
5536				5600	+10 Near current termite nest	40	>20.0	290	150	130	45
5537				5550	+10 " " " "	40	>20.0	230	130	110	50
5538				5500	HP LAG	40	>20.0	190	120	90	55
5539				5450	+10 LAG	55	>20.0	380	120	80	45
5540				5400	+10 Near current termite nest	40	>20.0	290	110	90	50
5541				5350	HP LAG	40	>20.0	120	100	40	60
5542				5300	HP LAG	35	>20.0	240	90	30	40
5543				5250	+10 Near current termite nest	40	>20.0	310	100	60	40
5544				5200	+10 LAG	40	>20.0	230	100	50	45
5545				5150	+10 LAG	45	>20.0	220	110	50	50
WR065546				5100	+10 LAG	40	>20.0	240	120	60	60
WR065547				5050	HP LAG	45	>20.0	220	100	40	55

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 7/8/81
Line No: 10
From: 8000 E
Photo No: R2/77
To: 000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WRO66893				3550		20	>20.0	90	70	160	40
8894				3600		25	>20.0	150	60	60	45
8895				3650		20	>20.0	60	60	20	40
8896				3700		25	>20.0	90	50	30	50
8897				3750		20	>20.0	140	60	60	40
8898				3800		20	>20.0	130	60	50	45
8899				3850							
9000				3900		15	>20.0	220	40	130	35
WRO66901				3950		15	>20.0	110	40	110	30

SAMPLING RECORD

Material: Fe

Depth : SURFACE

Sampled Logged By : G S

Map No : SE53-2

Laboratory Request No : NRO325

Date : 30/10/81

Line No : 7

From : 2050

To : 3950

Photo No :

Bearing : 85°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648

PLOTTING RECORD

Map No's :

Plotted By:

Section:

Plan :

Scale:

DRILLING

Driller:

Date :

Drill Type :

R.L. :

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065070				2000	+10 Abundant Fe	40	>20.0	630	115	160	40
071				1950	" "	35	>20.0	970	100	110	40
072				1900	" Lag	35	>20.0	790	85	80	40
073				1850	" "	35	>20.0	400	90	100	105
074				1800	" Hand Picked	25	>20.0	450	80	50	35
075				1750	" Lag	35	>20.0	840	75	60	30
076				1700	" "	30	>20.0	760	70	80	25
077				1650	" Hand Picked	25	>20.0	310	80	90	30
078				1600	" " "	25	>20.0	230	70	40	25
079				1550	" Abundant Fe	35	>20.0	250	75	50	35
080				1500	"	40	>20.0	680	95	160	30
081				1450	"	60	>20.0	1470	110	210	40
082				1400	"	60	>20.0	1770	110	190	40
083				1350	"	40	>20.0	1710	75	150	25
084				1300	"	35	>20.0	790	85	200	50
085				1250	" Near Current Nest	45	>20.0	1420	95	160	40
086				1200	" Hand Picked	30	>20.0	290	85	60	20
087				1000	" " " "	50	18.7	1180	65	100	20
088				900	" " " "	40	>20.0	810	85	80	30
089				800	" Hand Picked	25	>20.0	390	65	70	45
090				750	" Abundant Fe	50	19.7	6200	125	160	20
091				700	" "	60	>20.0	3920	120	170	20
092				650	" "	30	>20.0	2420	75	760	15
093				600	" " " "	40	>20.0	1580	85	80	20
094				550	" Lag	35	>20.0	1520	80	100	20
095				500	"	45	>20.0	1780	115	170	35
096				450	"	50	>20.0	2310	105	190	30
097				400	"	45	>20.0	1050	95	140	25
098				350	"	35	>20.0	330	80	120	40
WR065099				300		50	>20.0	430	95	230	35
1 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17	18 19 20 21			22 23 24 25 26 27 28 29 30						

SAMPLING RECORD

Material: Fe	Depth : Surface	Sampled By / Logged By: PH & GS
Map No : SE 53-2	Laboratory Request No :	Date : 25/6/81
Line No : 7	From : 2000	Photo No : 2/77
	To : 000	Bearing : 086° Mag

PROJECT

Region : Northern

Project Name : Lansen Creek

Cost Code : 3648 - 630

PLOTTING RECORD

Map No's : 7001-9

Plotted By : D.A.B.

Section : Northern Rgn.

Plan : Lansen Creek

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065100				250	+10 Abundant	45	>20.0	960	80	70	25
101				050	" "	45	>20.0	270	80	120	40
WR065102				000	" "	25	>20.0	170	60	40	45

SAMPLING RECORD

Material: Fe	Depth Surface	Sampled Logged By: PH & GS
Map No: SE 53-2	Laboratory Request No NR0303	Date: 2/7/81
Line No: 7	From: 2000	Photo No: 2/77
	To: 000	Bearing: 086° Mag

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-9

Plotted By: D.A.B.

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065548				5000	+10 Near current termite nest	40	>20.0	320	90	50	45
5549				4950	+10 " " " "	40	>20.0	420	100	50	35
5550				4900	+10 " " " "	40	>20.0	280	110	60	55
5551				4850	HP LAG	35	>20.0	230	100	50	55
5552				4800	HP LAG	40	>20.0	170	110	60	50
5553				4750	HP LAG	40	>20.0	1340	110	200	60
5554				4700	+10 Near current termite nest	40	>20.0	200	120	90	50
5555				4650	HP LAG	30	>20.0	130	100	40	60
5556				4600	+10 Near current termite nest	40	>20.0	630	120	80	55
5557				4500	HP LAG	35	>20.0	320	100	390	55
5558				4450	HP LAG	20	>20.0	170	100	30	70
5559				4400	HP "	25	>20.0	70	90	30	55
5560				4350	HP "	35	>20.0	280	70	180	65
5561				4300	HP "	25	>20.0	70	100	30	60
5562				4250	HP "	40	>20.0	120	90	20	50
5563				4200	HP "	30	>20.0	140	80	30	40
5564				4150	+10 Near current termite nest	35	>20.0	120	90	30	45
5565				4100	HP LAG	40	>20.0	200	90	90	60
5566				4050	HP LAG	20	>20.0	90	90	30	60
5567				4000	+10 Near current termite nest	40	>20.0	140	100	60	55
5568				3950	HP LAG	20	>20.0	70	80	20	45
5569				3850	HP LAG	20	>20.0	150	80	30	45
5570				3800	HP "	15	>20.0	90	100	20	55
5571				3750	HP "	15	>20.0	250	70	160	40
5572				3700	HP "	15	>20.0	160	90	50	45
5573				3650	HP "	20	>20.0	150	90	50	35
5574				3600	HP "	20	>20.0	90	80	360	40
5575				3500	+10 Near current termite nest	40	>20.0	160	90	80	40
5576				3350	+10 " " " "	40	>20.0	220	90	90	55
WR065577				3300	+10 " " " "	40	>20.0	230	120	90	55

SAMPLING RECORD

Material: FE	Depth: SURFACE	Sampled Logged By: GS & KT
Map No: SE 53.2	Laboratory Request No: NR 0305	Date: 7/8/81
Line No: 10	From: 8000 E	Photo No: R2/77
	To: 000	Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM / TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR 065778			3250	+10 Near current termite nest	40	>20.0	240	110	80	50
065779			3200	+10 " " " "	40	>20.0	230	120	80	45
065780			3150	+10 " " " "	40	>20.0	250	120	80	45
065781			3100	+10 " " " "	40	>20.0	230	120	70	50
065782			3050	+10 " " " "	40	>20.0	180	120	80	50
065783			3000	+10 " " " "	50	>20.0	230	150	100	60
065784			2950	+10 " " " "	50	>20.0	210	150	110	50
065785			2900	+10 " " " "	45	>20.0	210	110	80	45
065786			2850	+10 " " " "	55	>20.0	220	130	80	45
065787			2800	+10 " " " "	30	>20.0	210	130	90	50
065788			2750	HP LAG	20	>20.0	400	110	190	50
065789			2700	HP LAG	20	>20.0	150	90	60	50
065790			2650	+10 LAG	40	>20.0	190	100	80	45
065791			2600	+10 LAG	40	>20.0	260	120	140	50
065792			2550	HP LAG	25	>20.0	820	100	340	40
065793			2500	+10 Near current termite nest	20	>20.0	300	120	140	60
065794			2450	HP LAG	40	>20.0	190	90	140	65
065795			2400	HP LAG	25	>20.0	130	70	80	40
065796			2300	+10 Near current termite nest	40	>20.0	260	110	110	55
065797			2250	HP LAG	20	>20.0	140	90	30	50
065798			2200	HP LAG	25	>20.0	150	80	70	45
065799			2100	HP LAG	20	>20.0	150	80	100	40
066000			2000	HP LAG	25	>20.0	770	90	50	45
066001			1950	+10 Near current termite nest	40	>20.0	300	90	100	50
066002			1900	+10 " " " "	40	>20.0	400	90	90	45
066003			1850	+10 " " " "	40	>20.0	280	100	100	50
066004			1800	+10 " " " "	40	>20.0	310	110	120	55
066005			1750	HP LAG	20	>20.0	850	90	330	30
066006			1700	HP LAG	25	>20.0	230	110	70	40
WR 066007			1650	+10 Near current termite nest	40	>20.0	360	100	90	40

SAMPLING RECORD

Material: FE

Map No: SE 53.2

Line No: 10

Depth: SURFACE

Laboratory Request No: NR 0305

From: 8000 E

To: 000

Sampled By / Logged By: GS & KT

Date: 7/8/81

Photo No: R2/77

Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065608				1600	+10 Near current termite nest	45	>20.0	220	110	100	50
6509				1550	+10 " " " "	40	>20.0	250	90	80	40
6510				1500	+10 " " " "	40	>20.0	140	90	60	35
6511				1450	HP LAG	20	>20.0	230	80	230	35
6512				1400	+10 Near current termite nest	40	>20.0	150	100	70	50
6513				1250	+10 " " " "	40	>20.0	170	90	60	65
6514				1200	+10 " " " "	40	>20.0	150	80	50	55
6515				1050	+10 Near current termite nest	40	>20.0	140	90	60	45
6516				900	+10 LAG	30	>20.0	310	70	20	35
6517				650	+10 LAG	30	>20.0	280	60	20	30
6518				500	HP LAG	30	>20.0	740	70	20	10
6519				400	HP LAG	20	>20.0	370	70	20	30
WR065620				300	+10 LAG	25	>20.0	210	80	20	40
WR065621				100	+10 LAG	60	>20.0	280	80	30	45
WR065622				000	+10 LAG	15	17.1	60	40	10	25

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 7/8/81
Line No: 10
From: 8000 E
Photo No: R2/77
To: 000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06531900		000			Hand Picked U/C Lag	50	>20.0	120	50	80	55
3201		100			+10 Lag	45	>20.0	140	70	30	60
3211		200			+10 "	30	>20.0	120	60	40	55
3222		400			+10 "	35	>20.0	310	80	40	50
3233		500			+10 "	30	>20.0	110	60	40	60
3244		600			+10 "	45	>20.0	150	70	40	55
3255		650			Hand Picked Lag	45	>20.0	390	80	30	35
3266		700			+10 Near Current Termite Nest	45	>20.0	250	80	40	50
3277		750			+10 " " " "	50	>20.0	220	70	40	30
3288		800			Hand Picked Lag	25	>20.0	420	70	30	30
3299		850			+10 Near Current Termite Nest	45	>20.0	240	80	50	45
3300		900			+10 Lag	40	>20.0	750	70	40	25
3311		950			+10 Near Current Termite Nest	45	>20.0	280	70	60	35
3322		1000			+10 " " " "	45	>20.0	310	70	60	40
3333		1050			+10 " " " "	45	>20.0	240	80	60	35
3344		1100			+10 " " " "	45	>20.0	310	80	60	40
3355		1150			+10 " " " "	30	>20.0	220	90	60	65
3366		1200			+10 " " " "	20	>20.0	80	70	20	50
3377		1250			Hand Picked Lag	35	>20.0	200	100	70	45
3388		1300			+10 Near Current Termite Nest	30	>20.0	170	80	50	40
3399		1350			+10 " " " "	35	>20.0	190	80	70	55
3400		1400			+10 " " " "	35	>20.0	170	80	60	65
3411		1450			+10 " " " "	35	>20.0	210	80	60	65
3422		1500			+10 " " " "	35	>20.0	190	90	70	60
3433		1550			Hand Picked Lag	25	>20.0	180	80	30	55
3444		1600			+10 Near Current Termite Nest	40	>20.0	240	80	60	65
3455		1650			+10 " " " "	40	>20.0	210	80	60	60
3466		1700			+10 " " " "	40	>20.0	230	80	60	50
3477		1750			+10 " " " "	35	>20.0	280	80	60	40
WR06534880		1800			Hand Picked Lag	30	>20.0	650	80	40	70

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled Logged By: GS & KT
Map No: SE 53-2
Laboratory Request No: NR0305
Date: 2/8/81
Line No: 11
From: 000
To: 10000 E
Photo No: R3/196
Bearing: 86°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06534 9				1850	+10 Near Current Termite Nest	35	>20.0	280	90	60	55
3 5 0				1900	+10 " " " "	40	>20.0	300	80	50	45
3 5 1				1950	+10 " " " "	40	>20.0	230	100	60	45
3 5 2				2000	Hand Picked Lag	25	>20.0	160	60	40	40
3 5 3				2050	+10 Near Current Termite Nest	40	>20.0	210	90	60	55
3 5 4				2100	+10 " " " "	35	>20.0	190	100	60	55
3 5 5				2150	+10 " " " "	35	>20.0	190	100	70	50
3 5 6				2200	+10 " " " "	35	>20.0	160	110	70	45
3 5 7				2250	+10 Lag	35	>20.0	130	70	30	25
3 5 8				2300	+10 Near Current Termite Nest	35	>20.0	190	110	60	40
3 5 9				2350	+10 " " " "	45	>20.0	230	90	60	35
3 6 0				2400	+10 " " " "	40	>20.0	290	80	60	35
3 6 1				2450	+10 " " " "	40	>20.0	270	100	60	55
3 6 2				2500	+10 " " " "	35	>20.0	240	90	50	45
3 6 3				2550	+10 " " " "	35	>20.0	180	110	70	55
3 6 4				2600	+10 " " " "	35	>20.0	160	100	60	50
3 6 5				2650	+10 " " " "	35	>20.0	200	110	70	50
3 6 6				2700	+10 " " " "	35	>20.0	180	100	60	35
3 6 7				2750	+10 " " " "	35	>20.0	180	80	60	35
3 6 8				2800	+10 " " " "	35	>20.0	140	110	60	45
3 6 9				2850	+10 " " " "	35	>20.0	140	90	50	65
3 7 0				2900	+10 " " " "	35	>20.0	130	100	50	55
3 7 1				2950	+10 " " " "	35	>20.0	160	90	50	60
3 7 2				3000	+10 " " " "	35	>20.0	130	110	50	65
3 7 3				3050	+10 " " " "	35	>20.0	130	90	40	40
3 7 4				3100	+10 " " " "	35	>20.0	130	100	50	60
3 7 5				3150	+10 " " " "	35	>20.0	130	100	40	60
3 7 6				3200	+10 " " " "	35	>20.0	150	100	40	65
3 7 7				3250	+10 " " " "	35	>20.0	110	90	50	45
WR06378				3300	+10 " " " "	35	>20.0	110	100	40	40

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: Fe

Map No: SE 53-2

Line No: 11

Depth: Surface

Laboratory Request No: NR0305

From: 000

To: 10000 E

Sampled Logged By: GS & KT

Date: 2/8/81

Photo No: R3/196

Bearing: 86°

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: D.A.B.

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING F

Driller

Date:

Drill Type:

R.L.:

Dip: Az.:

N/

E/

H

N

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06537 9				3350	+10 Near current termite nest	35	>20.0	120	100	50	25
3800				3400	+10 " " " "	30	>20.0	150	110	50	35
3801				3450	+10 " " " "	30	>20.0	160	90	50	55
3802				3500	+10 " " " "	30	>20.0	160	100	50	50
3803				3550	+10 Lag	30	>20.0	150	100	60	45
3804				3600	+10 Near current termite nest	30	>20.0	170	100	40	40
3805				3650	+10 " " " "	35	>20.0	150	110	50	45
3806				3700	+10 " " " "	45	>20.0	170	90	40	65
3807				3750	+10 " " " "	40	>20.0	140	100	60	75
3808				3800	+10 " " " "	35	>20.0	150	100	50	55
3809				3850	+10 " " " "	35	>20.0	150	100	60	65
3900				3900	+10 " " " "	30	>20.0	160	90	50	60
3901				3950	+10 " " " "	30	>20.0	160	100	60	95
3902				4000	+10 " " " "	30	>20.0	160	110	60	80
3903				4050	+10 " " " "	30	>20.0	140	110	50	60
3904				4100	+10 " " " "	30	>20.0	140	100	60	105
3905				4150	+10 " " " "	25	>20.0	170	90	50	85
3906				4200	+10 " " " "	25	>20.0	170	90	50	80
3907				4250	+10 " " " "	25	>20.0	160	90	50	80
3908				4300	+10 " " " "	25	>20.0	140	90	50	110
3909				4350	+10 " " " "	25	>20.0	160	90	50	75
4000				4400	+10 " " " "	20	>20.0	140	100	60	80
4001				4450	+10 " " " "	25	>20.0	180	100	50	85
4002				4500	+10 " " " "	25	>20.0	150	100	60	85
4003				4550	+10 " " " "	25	>20.0	150	100	60	60
4004				4600	+10 " " " "	25	>20.0	160	110	50	60
4005				4650	+10 Lag	30	>20.0	180	120	60	90
4006				4700	+10 Near current termite nest	30	>20.0	180	110	50	80
4007				4750	+10 Lag	30	>20.0	150	130	50	75
WR06540 8				4800	+10 Lag	30	>20.0	160	110	70	65

SAMPLING RECORD

Material: FE	Depth: Surface	Sampled Logged By: GS & KT
Map No: SE 53.2	Laboratory Request No: NR 0305	Date: 2/8/81
Line No: 11	From: 000	Photo No: R3/196
	To: 10000 E	Bearing: 86°

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648-630

PLOTTING RECORD

Map No's:	7001-8
Plotted By:	D.A.B.
Section:	Northern Regn.
Plan:	Lansen Creek
Scale:	1:25 000

DRILLING

Driller:	
Date:	
Drill Type:	
R.L.:	
Dip:	Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06540 9				4850	+10 Near Current Termite Nest	25	>20.0	140	110	60	80
4110				4900	+10 " " " "	25	>20.0	120	90	40	75
4111				4950	+10 " " " "	25	>20.0	140	80	70	70
4112				5000	+10 " " " "	20	>20.0	120	90	60	90
4113				5050	+10 " " " "	25	>20.0	120	90	40	75
4114				5100	Hand Picked Lag	20	>20.0	80	80	30	65
4115				5200	+10 Lag	30	>20.0	220	80	70	60
4116				5250	+10 Near Current Termite Nest	35	>20.0	190	100	90	50
4117				5300	+10 " " " "	30	>20.0	230	80	70	50
4118				5350	Hand Picked Lag	5	>20.0	90	60	20	65
4119				5400	+10 Near Current Termite Nest	30	>20.0	160	90	100	65
4120				5650	Hand Picked Lag	10	>20.0	110	50	30	40
4121				5700	+10 Near Current Termite Nest	30	>20.0	190	100	70	65
4122				5750	+10 " " " "	35	>20.0	180	100	90	55
4123				5800	+10 " " " "	30	>20.0	180	110	80	55
4124				5850	+10 " " " "	30	>20.0	210	100	90	55
4125				5900	+10 " " " "	30	>20.0	130	110	100	60
4126				5950	Hand Picked Lag	5	>20.0	60	80	20	40
4127				6000	" " "	5	>20.0	70	60	20	35
4128				6050	" " "	5	>20.0	150	70	70	60
4129				6100	" " "	5	>20.0	100	70	30	60
4130				6150	" " "	5	>20.0	70	70	20	40
4131				6250	" " "	5	>20.0	90	70	20	45
4132				6300	" " "	30	>20.0	100	70	20	40
4133				6350	" " "	25	>20.0	90	80	40	40
4134				6450	" " "	35	>20.0	180	90	50	65
4135				6500	" " "	50	>20.0	200	100	60	55
4136				6550	" " "	25	>20.0	100	80	20	40
4137				6650	" " "	30	>20.0	110	100	20	55
WR06543 8				6750	Hand Picked Lag	25	>20.0	90	90	20	45

SAMPLING RECORD

Material:	Fe	Depth: Surface	Sampled By / Logged: GS & KT
Map No:	SE 53-2	Laboratory Request No: NR0305	Date: 2/8/81
Line No:	11	From: 000	Photo No: R3/196
		To: 10000 E	Bearing: 86°

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: D.A.B.

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM / TO — Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06543 9		6800	Hand Picked Lag	25	>20.0	150	80	40	40
4404		6850	" " "	30	>20.0	50	100	20	50
4411		6900	" " "	30	>20.0	210	100	100	40
4422		6950	" " "	25	>20.0	160	80	20	30
4433		7000	" " "	20	>20.0	130	100	20	30
4444		7100	" " "	30	>20.0	600	90	70	45
4455		7150	" " "	25	>20.0	150	90	50	50
4466		7200	" " "	25	>20.0	140	70	30	50
4477		7250	+10 "	50	>20.0	200	110	110	55
4488		7300	" " "	30	>20.0	130	80	20	45
4499		7350	" " "	25	>20.0	180	80	30	50
4505		7400	" " "	55	>20.0	330	120	80	65
4511		7450	" " "	30	>20.0	160	90	110	60
4522		7500	" " "	25	>20.0	180	70	40	50
4533		7550	+10 Near Current Termite Nest	50	>20.0	250	90	70	65
4544		7600	Hand Picked Lag	50	>20.0	190	90	60	60
4555		7650	" " "	25	>20.0	80	80	20	70
4566		7700	" " "	25	>20.0	120	80	30	75
4577		7800	" " "	30	>20.0	200	90	40	70
4588		7850	" " "	30	>20.0	130	70	150	50
4599		7900	" " "	30	>20.0	310	80	70	50
4605		7950	+10 Near Current Termite Nest	55	>20.0	200	100	120	65
4611		8000	+10 Lag	50	>20.0	230	80	90	55
4622		8050	+10 Near Current Termite Nest	50	>20.0	270	90	80	60
4633		8100	Hand Picked Lag	30	>20.0	220	100	50	70
4644		8150	" " "	30	>20.0	450	70	310	50
4655		8200	" " "	30	>20.0	300	70	160	70
4666		8250	" " "	35	>20.0	190	80	110	60
4677		8300	" " "	45	>20.0	370	100	130	60
WR06546 8		8350	+10 Near Current Termite Nest	45	>20.0	300	100	130	55

SAMPLING RECORD			PROJECT	PLOTTING RECORD	DRILLING
Material: Fe	Depth: Surface	Sampled Logged By: GS & KT	Region: Northern	Map No's: 7001-8	Driller:
Map No: SE 53-2	Laboratory Request No: NR0305	Date: 2/8/81	Project Name: Lansen Creek	Plotted By: D.A.B.	Date:
Line No: 11	From: 000	Photo No: R3/196	Cost Code: 3648 - 630	Section: Northern Regn.	Drill Type:
	To: 10000 E	Bearing: 86°		Plan: Lansen Creek	R.L.:
				Scale: 1:25 000	Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0654697				8400	+10 Near current termite nest	45	>20.0	350	80	100	45
4700				8450	+10 " " " "	50	>20.0	280	100	170	55
4701				8500	+10 " " " "	40	>20.0	290	80	150	55
4702				8600	Hand Picked Lag	30	>20.0	150	60	100	45
4703				8650	Hand Picked Lag	30	>20.0	200	80	70	45
4704				8700	+10 Near current termite nest	50	>20.0	320	110	110	55
4705				8750	+10 " " " "	40	>20.0	260	100	100	45
4706				8800	+10 " " " "	45	>20.0	240	100	90	45
4707				8900	+10 Lag	25	>20.0	260	80	170	40
4708				8950	Hand Picked "	25	>20.0	420	80	110	40
4709				9000	+10 "	55	>20.0	360	130	130	55
4800				9050	+10 "	50	>20.0	410	140	130	45
4801				9150	+10 "	50	>20.0	260	150	160	45
4802				9300	Hand Picked "	35	>20.0	520	110	180	45
4803				9450	Hand Picked "	35	>20.0	510	110	230	50
4804				9500	+10 "	35	>20.0	290	120	240	40
4805				9550	Hand Picked "	30	>20.0	380	110	190	45
4806				9650	Hand Picked "	20	>20.0	140	100	50	40
4807				9700	Hand Picked "	25	>20.0	340	100	140	40

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 11
From: 000
To: 10000 E
Photo No: R3/196
Bearing: 86°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065811		000			HP LAG	20	>20.0	550	70	330	45
812		050			HP LAG	15	>20.0	260	80	200	55
813		100			+10 "	35	>20.0	2300	120	310	60
814		150			HP "	15	>20.0	130	70	80	45
815		200			+10 "	35	>20.0	4500	110	230	55
816		250			+10 "	35	>20.0	2300	110	350	55
817		300			+10 "	35	>20.0	1360	100	280	55
818		350			HP "	15	>20.0	220	70	70	45
819		400			HP "	15	>20.0	380	80	120	70
820		450			HP "	15	>20.0	510	80	260	65
821		500			HP "	25	>20.0	610	70	340	55
822		550			HP "	15	>20.0	480	80	170	60
823		600			+10 "	35	>20.0	480	90	400	65
824		650			HP "	20	>20.0	780	70	200	55
825		700			+10 "	30	>20.0	820	100	370	55
826		750			+10 "	30	>20.0	790	110	300	55
827		800			+10 "	35	>20.0	500	110	310	55
828		850			HP "	20	>20.0	180	80	120	55
829		900			+10 "	35	>20.0	2500	130	210	55
830		950			HP LAG	15	>20.0	230	80	120	50
831		1000			+10 Near current termite nest	35	>20.0	480	110	380	55
832		1050			+10 " " " "	35	>20.0	1430	120	420	65
833		1100			+10 LAG	35	>20.0	900	130	400	60
834		1150			HP "	25	>20.0	560	90	400	50
835		1200			HP "	35	>20.0	920	80	430	60
836		1250			HP "	30	>20.0	1080	80	430	55
837		1300			HP "	30	>20.0	870	90	450	50
838		1350			HP "	25	>20.0	900	80	340	50
839		1400			HP "	35	>20.0	980	90	370	50
WR065840		1450			HP LAG	30	>20.0	830	90	380	55

SAMPLING RECORD

Material: FE
Map No: SE 53.2
Line No: 12
Depth: SURFACE
Laboratory Request No: NR 0305
From: 000
To: 10000
Sampled Logged By: GS & KT
Date: 7/8/81
Photo No: R3/196
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06584 1				1500	HP LAG	35	>20.0	1250	70	330	40
8 4 2				1550	HP "	25	>20.0	550	70	370	40
8 4 3				1600	+10 "	40	>20.0	1500	110	300	50
8 4 4				1650	HP "	35	>20.0	600	90	350	60
8 4 5				1700	HP "	25	>20.0	340	80	160	70
8 4 6				1750	+10 "	40	>20.0	760	120	230	55
8 4 7				1800	+10 LAG	40	>20.0	550	100	170	60
8 4 8				1850	+10 Near current termite nest	40	>20.0	250	100	200	70
8 4 9				1900	+10 " " " "	45	>20.0	260	110	200	60
8 5 0				1950	+10 " " " "	45	>20.0	270	110	170	50
8 5 1				2000	+10 " " " "	50	>20.0	570	120	200	55
8 5 2				2050	+10 " " " "	35	>20.0	380	80	170	60
8 5 3				2100	+10 LAG	50	>20.0	290	120	210	50
8 5 4				2150	+10 Near current termite nest	55	>20.0	510	120	220	70
8 5 5				2200	HP LAG	30	>20.0	230	80	50	55
8 5 6				2250	HP LAG	30	>20.0	320	70	130	50
8 5 7				2300	+10 Near current termite nest	55	>20.0	620	120	220	55
8 5 8				2350	+10 " " " "	50	>20.0	1210	130	180	55
8 5 9				2400	HP LAG	35	>20.0	630	90	140	50
8 6 0				2450	HP LAG	25	>20.0	200	80	60	45
8 6 1				2500	HP LAG	30	>20.0	350	90	240	55
8 6 2				2550	HP LAG	25	>20.0	440	80	160	40
8 6 3				2600	HP LAG	30	>20.0	190	90	120	50
8 6 4				2650	HP LAG	25	>20.0	120	90	120	40
8 6 5				2700	+10 Near current termite nest	40	>20.0	600	120	180	50
8 6 6				2750	+10 " " " "	45	>20.0	650	140	180	45
8 6 7				2800	+10 " " " "	45	>20.0	240	130	160	60
8 6 8				2850	+10 LAG	40	>20.0	1430	180	140	65
8 6 9				2900	+10 LAG	35	>20.0	1000	150	100	55
WR08 7 0				2950	HP LAG	30	>20.0	140	100	100	45

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 7/8/81
Line No: 12
From: 000
Photo No: R3/196
To: 10000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06587 1				3000	HP LAG	25	>20.0	140	100	50	50
8 7 2				3050	HP LAG	25	>20.0	60	100	20	40
8 7 3				3100	HP "	25	>20.0	70	110	20	50
8 7 4				3150	HP "	30	>20.0	50	100	20	45
8 7 5				3200	+10 "	35	>20.0	90	110	40	50
8 7 6				3250	HP "	30	>20.0	40	80	10	50
8 7 7				3300	+10 "	35	>20.0	70	110	40	60
8 7 8				3350	+10 "	35	>20.0	800	130	40	45
8 7 9				3400	+10 "	35	>20.0	110	100	50	55
8 8 0				3450	HP LAG	35	>20.0	100	90	30	55
8 8 1				3500	+10 Near current termite nest	30	>20.0	120	90	60	60
8 8 2				3550	+10 " " " "	35	>20.0	120	90	60	45
8 8 3				3600	+10 " " " "	30	>20.0	120	90	60	50
8 8 4				3650	+10 " " " "	30	>20.0	120	90	60	50
8 8 5				3700	HP LAG	25	>20.0	90	70	30	45
8 8 6				3750	+10 Near current termite nest	35	>20.0	140	80	70	45
8 8 7				3800	HP LAG	30	>20.0	70	60	30	45
8 8 8				3850	HP LAG	35	>20.0	60	60	30	45
8 8 9				3900	HP LAG	30	>20.0	80	70	40	45
8 9 0				3950	+10 Near current termite nest	35	>20.0	120	70	70	55
8 9 1				4000	HP LAG	25	>20.0	80	60	30	40
8 9 2				4050	+10 Near current termite nest	35	>20.0	160	70	70	50
8 9 3				4100	+10 " " " "	35	>20.0	190	70	70	60
8 9 4				4150	+10 " " " "	35	>20.0	200	70	70	55
8 9 5				4200	+10 " " " "	40	>20.0	260	80	70	45
8 9 6				4250	HP LAG	30	>20.0	260	70	40	40
8 9 7				4300	+10 Near current termite nest	35	>20.0	260	80	100	50
8 9 8				4350	+10 " " " "	35	>20.0	310	80	100	50
8 9 9				4400	+10 " " " "	35	>20.0	290	80	90	45
WR06590 0				4450	+10 " " " "	35	>20.0	300	70	80	50

SAMPLING RECORD

Material: FE

Depth: SURFACE

Sampled By / Logged By: GS & KT

Map No: SE 53.2

Laboratory Request No:

Date: 7/8/81

Line No: 12

From: 000

To: 10000

Photo No: R3/196

Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06590 1	4500	+10 Near current termite nest	35	>20.0	260	70	100	60
9 0 2	4550	+10 " " " "	35	>20.0	260	80	90	45
9 0 3	4600	+10 " " " "	35	>20.0	260	80	100	50
9 0 4	4650	+10 " " " "	40	>20.0	250	80	100	45
9 0 5	4700	+10 " " " "	35	>20.0	310	80	90	40
9 0 6	4750	+10 " " " "	40	>20.0	240	90	110	45
9 0 7	4800	+10 " " " "	40	>20.0	270	90	90	55
9 0 8	4850	+10 " " " "	40	>20.0	310	90	90	55
9 0 9	4900	+10 " " " "	35	>20.0	190	80	90	55
9 1 0	4950	+10 " " " "	35	>20.0	190	90	100	60
9 1 1	5000	+10 " " " "	35	>20.0	190	80	80	45
9 1 2	5050	+10 " " " "	35	>20.0	170	90	90	45
9 1 3	5100	+10 " " " "	35	>20.0	180	100	110	55
9 1 4	5150	+10 " " " "	35	>20.0	160	90	100	65
9 1 5	5200	+10 Near current termite nest	35	>20.0	160	90	110	80
9 1 6	5250	HP LAG	30	>20.0	350	70	190	65
9 1 7	5300	+10 Near current termite nest	35	>20.0	130	90	120	65
9 1 8	5350	+10 " " " "	35	>20.0	130	90	140	70
9 1 9	5400	HP LAG	30	>20.0	150	60	140	45
9 2 0	5450	+10 LAG	30	>20.0	120	80	120	55
9 2 1	5500	+10 Near current termite nest	35	>20.0	100	60	130	50
9 2 2	5550	+10 LAG	35	>20.0	70	70	140	60
9 2 3	5600	+10 LAG	30	>20.0	70	70	110	50
9 2 4	5650	HP LAG	15	>20.0	280	60	120	40
9 2 5	5700	HP "	15	>20.0	30	60	100	35
9 2 6	5750	HP "	30	>20.0	90	60	160	50
9 2 7	5800	HP "	30	>20.0	120	70	250	35
9 2 8	5850	HP "	35	>20.0	100	70	220	65
9 2 9	5900	HP "	35	>20.0	120	80	100	55
WR06593 0	5950	HP LAG	30	>20.0	200	90	210	55

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No:
Date: 7/8/81
Line No: 12
From: 000
Photo No: R3/196
To: 10000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR 06591		6000	HP LAG	35	>20.0	220	90	190	50
09352		6050	HP LAG	30	>20.0	340	100	250	50
09353		6100	HP "	30	>20.0	120	80	280	50
09354		6300	HP "	20	>20.0	80	80	80	55
09355		6550	HP "	30	>20.0	430	70	660	45
09356		6600	HP "	25	>20.0	80	70	60	55
09357		6700	HP "	35	>20.0	100	80	120	55
09358		6750	HP "	30	>20.0	80	80	70	55
09359		6850	HP "	25	>20.0	50	60	50	45
09400		7100	HP LAG	30	>20.0	210	90	170	50
09401		7150	HP "	25	>20.0	470	80	240	45
09402		7200	HP "	25	>20.0	260	80	180	50
09403		7250	HP "	25	>20.0	250	90	190	55
09404		7300	HP "	25	>20.0	90	90	230	60
09405		7350	HP "	15	>20.0	20	60	40	55
09406		7400	HP "	25	>20.0	280	90	150	60
09407		7450	HP "	25	>20.0	190	100	200	70
09408		7500	HP "	25	>20.0	380	90	160	55
09409		7550	HP "	30	>20.0	210	100	160	50
09500		7600	HP LAG	25	>20.0	330	80	180	50
09501		7650	HP "	35	>20.0	380	90	180	45
09502		7700	HP "	30	>20.0	190	90	190	45
09503		7750	HP "	30	>20.0	160	90	90	50
09504		7800	HP "	30	>20.0	120	100	80	50
09505		7850	HP "	25	>20.0	510	80	190	45
09506		7900	HP "	35	>20.0	510	80	290	40
09507		7950	HP "	30	>20.0	290	110	140	50
09508		8000	HP "	20	>20.0	240	100	100	50
09509		8050	HP "	15	>20.0	240	90	280	50
WR 06596 0		8100	HP LAG	35	>20.0	340	90	170	50

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 7/8/81
Line No: 12
From: 000
Photo No: R3/196
To: 10000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06596 1				8150	HP LAG	35	>20.0	19000	120	210	50
9 6 2				8200	HP "	35	>20.0	650	80	250	55
9 6 3				8250	HP "	30	>20.0	800	120	200	80
9 6 4				8300	HP "	30	>20.0	520	80	170	50
9 6 5				8350	HP "	25	>20.0	350	90	170	45
9 6 6				8400	HP "	30	>20.0	1060	90	240	40
9 6 7				8450	HP "	25	>20.0	460	100	190	80
9 6 8				8500	HP "	25	>20.0	400	80	160	55
9 6 9				8550	HP "	25	>20.0	530	80	280	55
9 7 0				8600	HP LAG	25	>20.0	430	90	150	50
9 7 1				8650	HP "	15	>20.0	350	70	150	40
9 7 2				8700	HP "	30	>20.0	500	100	200	50
9 7 3				8750	HP "	30	>20.0	440	90	170	40
9 7 4				8800	HP "	25	>20.0	680	80	310	45
9 7 5				8850	HP "	25	>20.0	460	80	190	60
9 7 6				8900	HP "	15	>20.0	920	90	330	45
9 7 7				8950	HP "	25	>20.0	460	80	200	40
9 7 8				9000	HP "	35	>20.0	24000	180	310	45
9 7 9				9050	HP "	30	>20.0	760	70	240	40
9 8 0				9100	HP LAG MISSING						
9 8 1				9150	HP "	35	>20.0	1890	80	190	50
9 8 2				9200	HP "	20	>20.0	230	60	90	30
9 8 3				9250	HP "	35	>20.0	2100	70	590	40
9 8 4				9300	HP "	30	>20.0	400	60	370	40
9 8 5				9350	HP "	30	>20.0	1070	70	480	40
9 8 6				9400	HP "	25	>20.0	1290	80	490	40
9 8 7				9450	HP "	35	>20.0	1020	90	840	40
9 8 8				9500	HP "	35	>20.0	1800	100	420	60
9 8 9				9550	HP "	30	>20.0	960	70	690	40
WRC65990				9600	HP LAG	35	>20.0	1200	90	480	55

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 7/8/81
Line No: 12
From: 000
Photo No: R3/196
To: 10000
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065991				9650	HP LAG	30	>20.0	560	80	350	45
9992				9900	HP LAG	35	>20.0	410	80	180	80
9993				9950	HP LAG	30	>20.0	290	80	200	65
WR065994				10000	HP LAG	30	>20.0	300	70	130	45

SAMPLING RECORD

Material: FE	Depth: SURFACE	Sampled Logged By: GS & KT
Map No: SE 53.2	Laboratory Request No: NR 0305	Date: 7/8/81
Line No: 12	From: 000	Photo No: R3/196
	To: 10000	Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-8

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR00943 0	2000	Abundant Fe +10	65	>20	370	140	130	45
31	1950	" "	65	>20	190	145	150	40
32	1900		60	>20	230	155	100	45
33	1850		60	>20	360	145	130	45
34	1800		60	>20	280	160	170	45
35	1750		60	>20	190	145	150	45
36	1700		60	>20	500	150	160	65
37	1650		60	>20	440	175	190	50
38	1600		65	>20	320	170	190	60
39	1550		65	>20	4260	200	180	45
40	1500		75	>20	6960	210	180	50
41	1450		80	>20	1000	180	290	50
42	1400		80	>20	720	160	220	50
43	1350		55	>20	620	170	230	55
44	1300		60	>20	2390	180	230	55
45	1250		60	>20	1670	175	160	45
46	1200		55	>20	800	175	200	40
47	1150		60	>20	350	165	210	50
48	1100		50	>20	560	170	250	45
49	1050		60	>20	460	150	140	40
50	1000		60	>20	370	145	170	40
51	950		60	>20	300	155	220	45
52	900		55	>20	290	150	200	45
53	850		60	>20	320	150	190	40
54	800		60	>20	290	135	140	35
55	750		55	>20	460	135	130	40
56	700		55	>20	350	140	140	40
57	650		50	>20	330	140	140	35
58	600	Abundant Fe +10	60	20.7	320	120	100	35
WR00959	550	Hand Picked +10 +20	40	11.9	190	75	50	25

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled Logged By:	PH & GS
Map No: SE53-2	Laboratory Request No: NRO302	Date:	5/6/81
Line No: 13	From: 2000	Photo No:	R3/196
	To: 000	Bearing:	241° Mag

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR009460				500	Lag	+10#	55	>20	210	120	50	40
61				450		+20#	45	11.8	130	80	50	20
62				400	Hand Picked +10	+20#	50	10.3	120	70	50	25
63				350		+10#	40	>20	100	120	50	45
64				300		+10#	40	>20	70	140	50	50
65				250	Hand Picked +10	+20#	40	8.9	70	70	40	15
66				200	" "	+20#	40	10.7	120	80	50	20
67				150	" "	+20#	40	3.5	70	35	20	5
68				50		+10#	40	12.3	50	80	30	40
WR009469				000		+10#	40	4.1	30	50	40	10

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled Logged By: PH & GS
Map No: SE53-2	Laboratory Request No: NR) 302	Date: 5/6/81
Line No: 13	From: 2000	Photo No: R3/196
	To: 000	Bearing: 241° Mag

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR009501	1500	Abundant Fe +10#	60	>20	330	170	240	50
002	1450	"	60	>20	440	160	240	55
003	1400	" Near Termite Nest	60	>20	310	160	250	60
004	1350	"	60	>20	390	140	160	45
005	1300	"	60	>20	340	145	180	55
006	1250	"	65	>20	350	145	140	55
007	1200	"	60	>20	350	140	120	50
008	1150	"	60	19.6	450	115	50	30
009	1100	Hand Picked +10# +20#	60	9.7	150	80	50	20
010	1050	+10	60	>20	340	135	80	45
011	1000	+10	60	>20	360	30	110	45
012	900	+10	60	20.0	650	120	50	40
013	850	" Near Termite Nest	80	>20	780	145	140	45
014	800	"	75	>20	600	150	160	45
015	750	"	75	>20	430	150	200	60
016	700	"	70	>20	690	155	170	50
017	650	"	80	>20	1110	145	130	50
018	600	"	70	>20	930	145	160	50
019	550	"	65	>20	1340	155	190	50
020	500	"	75	>20	770	160	270	50
021	450	"	60	>20	570	160	260	55
022	400	"	40	>20	590	130	190	45
023	350	"	45	>20	390	150	330	55
024	300	"	45	>20	270	140	300	55
025	250	"	60	>20	230	140	290	55
026	200	"	45	>20	160	135	360	65
027	100	"	40	>20	80	115	50	80
028	050		40	12.1	60	60	50	95
WR009529	000		40	14.4	50	65	40	60

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled By / Logged: PH & GS	
Map No: SE53-2	Laboratory Request No: NRO302	Date: 5/6/81	
Line No: 14	From: 1500	Photo No: R3/196	
	To: 000	Bearing: 241° Mag	

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR00953 0				1500	Abundant Fe +10#	40	>20	450	140	140	55
31				1450	"	45	>20	330	145	180	50
32				1400	"	40	>20	340	150	160	55
33				1350	"	40	>20	220	160	180	55
34				1300	" Near Termite Nest	40	>20	310	150	180	50
35				1250	"	50	>20	610	160	180	60
36				1200	"	50	>20	610	160	210	50
37				1150	"	50	>20	450	155	260	45
38				1100	" Near Termite Nest	40	>20	350	155	260	55
39				1050	" " " "	40	>20	340	160	220	60
40				1000	"	40	>20	400	150	190	50
41				950	"	40	>20	470	155	190	45
42				900	"	40	>20	930	160	200	45
43				850	"	45	>20	700	150	350	55
44				800	"	55	>20	480	160	290	40
45				750	"	40	>20	390	165	320	55
46				650	"	40	>20	340	155	290	45
47				600	"	40	>20	320	160	280	60
48				550	"	40	>20	280	135	120	45
49				500	"	40	>20	260	155	170	60
50				450	Hand Picked +10 +20	20	5.6	70	60	40	15
51				400	+10	15	2.1	30	40	10	5
52				350	"	25	12.1	70	85	20	30
53				300	"	20	>20	150	110	80	55
54				250	"	20	13.7	80	90	30	30
55				200	+20	15	3.7	60	40	10	10
56				100	+20	20	3.3	80	40	20	10
57				050	+10	15	13.9	60	80	60	30
WR00958				000	+10	20	14.5	80	75	80	30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: Fe
Map No: SE53-2
Line No: 15
Depth: Surface
Laboratory Request No: NR0302
From: 1500
To: 000
Sampled Logged By: PH & GS
Date: 5/6/81
Photo No: R3/196
Bearing: 241° Mag

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR009559				0500	+10	35	>20	220	160	170	50
560				4500	" Near Termite Nest	35	>20	260	170	210	65
561				4000	"	35	>20	230	160	190	60
562				3500	" Near Termite Nest	20	>20	280	160	190	65
563				3000	"	35	>20	250	165	190	60
564				2500	"	35	>20	310	170	240	65
565				2000	"	40	>20	280	160	220	55
566				1500	"	40	>20	340	165	250	60
567				1000	" Near Termite Nest	35	>20	270	170	230	65
568				0500	" " " "						
WR009569				0000	"	20	6.4	60	55	30	15

SAMPLING RECORD

Material: Fe
Map No: SE53-2
Line No: 16
Depth: Surface
Laboratory Request No: NR0302
From: 500
To: 000
Sampled Logged By: PH & GS
Date: 5/6/81
Photo No: R3/196
Bearing: 241° Mag.

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM / TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR00957 0			1500	+10'	55	>20	1360	205	370	30
7 1			1450	"	55	>20	780	195	310	35
7 2			1400	"	50	>20	1130	175	280	35
7 3			1350	"	60	>20	730	190	340	40
7 4			1300	"	60	>20	660	180	300	40
7 5			1250	"	55	>20	550	195	310	45
7 6			1200	"	50	>20	580	190	360	35
7 7			1150	"	45	>20	3370	180	280	40
7 8			1100	"	55	>20	560	180	300	45
7 9			1050	"	55	>20	390	195	320	50
8 0			1000	"	55	>20	380	180	280	45
8 1			950	"	50	>20	1950	180	230	40
8 2			900	"	50	>20	680	175	320	45
8 3			850	"	60	>20	650	185	310	50
8 4			800	"	55	>20	750	185	350	40
8 5			750	"	60	>20	1070	175	240	30
8 6			700	"	60	>20	860	190	330	40
8 7			650	"	60	>20	440	180	240	45
8 8			600	"	75	>20	490	160	220	40
8 9			550	"	70	>20	400	175	240	45
9 0			500	"	80	>20	420	160	210	45
9 1			450	" Near Termite Nest	120	>20	760	160	250	40
9 2			400	"	90	>20	870	150	200	40
9 3			350	"	45	>20	730	140	130	40
9 4			300	"	40	>20	370	150	150	55
9 5			250	" Near Termite Nest	50	>20	600	150	200	55
9 6			200	"	60	>20	2170	155	160	50
9 7			150	"	55	>20	230	1110	50	25
WR00958			000	"	40	>20	220	105	50	35

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled By / Logged: PH & GS
Map No: SE53-2
Laboratory Request No: NRO302
Date: 5/6/81
Line No: 17
From: 1500
To: 000
Photo No: R3/196
Bearing: 241° Mag.

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR00959				1500	Hand Picked +10 Wash.	40	>20	1280	180	380	40
600				1300	" " +10	45	>20	830	175	330	40
001				1200	" " +10	50	>20	1540	170	380	35
002				1100		50	>20	3350	160	350	40
003				1050		45	>20	1750	170	310	45
004				1000		55	>20	5030	180	320	35
005				950		60	>20	4930	170	310	35
006				900		65	>20	8500	185	270	35
007				850		60	>20	8500	190	230	35
008				800		60	>20	8400	195	240	30
009				750		60	>20	8500	210	310	40
010				700		60	>20	7300	205	200	35
011				650		60	>20	3500	160	260	40
012				600		60	18.4	2000	140	100	30
013				550	+20#	60	8.4	920	70	50	10
014				500	"	50	6.0	580	60	40	10
015				450	"	40	1.9	160	20	20	5
016				400	"	40	1.4	90	20	10	5
017				150	+10#	40	>20	300	115	140	40
018				100		25	>20	250	110	120	30
019				050		40	>20	450	140	380	55
WR00962				000		40	17.8	160	100	100	35

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled Logged By: PH & GS
Map No: SE53-2	Laboratory Request No: NR0302	Date: 5/6/81
Line No: 18	From: 1500	Photo No: R3/196
	To: 000	Bearing: 241° Mag.

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR009621	2000	Abundant Fe +10#	40	>20	280	180	290	55
22	1950	"	40	>20	290	175	270	50
23	1900	"	40	>20	220	165	160	40
24	1850	"	40	>20	250	170	250	50
25	1800	"	45	>20	210	170	200	55
26	1750	"	55	>20	290	180	200	55
27	1700	"	55	>20	310	170	170	45
28	1650	"	55	>20	340	175	220	50
29	1600	"	30	>20	390	180	160	55
30	1550	"	45	>20	240	175	180	45
31	1500	"	60	>20	300	170	190	50
32	1450	"	60	>20	320	180	220	50
33	1400	"	60	>20	320	185	180	55
34	1350	"	40	>20	300	170	140	45
35	1300	"	40	>20	230	180	210	55
36	1250	"	40	>20	320	185	260	50
37	1200	"	40	>20	250	195	250	55
38	1150	"	45	>20	190	180	190	50
39	1100	"	55	>20	220	190	170	50
40	1050	"	40	>20	250	190	200	60
41	1000	"	40	>20	260	190	180	50
42	950	"	40	>20	310	180	200	55
43	900	"	40	>20	250	175	210	45
44	850	"	40	>20	310	180	250	45
45	800	"	40	>20	460	185	250	45
46	750	"	35	>20	860	170	270	45
47	700	"	40	>20	970	180	310	50
48	650	"	40	>20	670	180	280	45
49	600	"	35	>20	680	170	220	45
WR0096550	550	+10#	40	>20	570	160	180	40

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled Logged By: PH & GS	
Map No: SE53-2	Laboratory Request No: NR0302	Date: 5/6/81	
Line No: 19	From: 2000	Photo No: R4/184	
	To: 000	Bearing: 241° Mag	

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR009651				0500	+10#	40	15.6	1120	135	40	30
52				4500	"	40	>20	260	135	70	35
53				4000	"	35	>20	240	155	150	60
54				3000	Hand Picked "	40	>20	590	160	250	55
55				2000	"	40	>20	640	135	140	55
56				1500	"	30	>20	310	140	250	75
57				1000	"	25	>20	220	135	270	60
58				0500	"	25	16.2	100	95	40	30
WR009659				0000	+10#	20	18.2	120	110	40	30

SAMPLING RECORD

Material: Fe	Depth : Surface	Sampled Logged By : PH & GS
Map No : SE53-2	Laboratory Request No : NRO302	Date : 5/6/81
Line No : 19	From : 2000	Photo No : R4/184
	To : 000	Bearing : 241°Mag.

PROJECT

Region : Northern

Project Name : Lansen Creek

Cost Code : 3648

PLOTTING RECORD

Map No's : 7001-10

Plotted By : DAB

Section : Northern Regn.

Plan : Lansen Creek

Scale : 1:25 000

DRILLING

Driller

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR064901				2000		40	>20	120	65	70	75
02				1950		10	>20	40	55	70	80
03				1900		30	18.2	110	50	50	40
04				1850		45	>20	110	70	80	75
05				1800		35	>20	110	55	60	70
06				1750		40	>20	100	55	60	65
07				1700		40	>20	110	50	60	70
08				1650		40	>20	110	60	60	75
09				1200		25	14.9	100	35	40	50
10				1150		25	14.5	90	25	40	40
11				1050		25	11.4	90	35	40	30
12				1000		30	>20	120	50	70	45
13				950		30	>20	120	55	90	65
14				900		25	18.9	80	50	50	45
15				850		35	>20	200	65	80	60
16				700		40	>20	160	60	90	65
17				650		30	>20	180	55	80	60
18				600		30	17.7	120	45	40	40
19				200		40	>20	110	70	90	65
20				150		35	>20	130	65	90	60
21				100		40	>20	120	75	120	60
22				050		45	>20	130	80	160	70
WR064923				000		50	>20	140	90	180	55

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled Logged By: PH & GS
Map No: SE53-2
Laboratory Request No:
Date:
Line No: 20
From: 2000
To: 000
Photo No: 4/184
Bearing: 237°Mag.

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-10
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR 06496				2600		25	>20.0	220	80	100	55
9957				2550		30	>20.0	300	75	120	60
9958				2500		25	>20.0	280	75	110	45
9959				2450		25	>20.0	320	85	110	55
9960				2400		25	>20.0	250	85	110	55
9961				2350		30	>20.0	290	90	100	60
9962				2300		30	>20.0	280	90	80	65
9963				2200		30	>20.0	1750	110	140	40
9964				2100		30	>20.0	980	120	200	50
9965				2050		30	>20.0	710	100	180	55
9966				2000		30	>20.0	400	120	200	45
9967				1950		35	>20.0	380	120	180	50
9968				1500		30	>20.0	420	110	190	35
9969				1850		35	>20.0	3120	120	190	65
9970				1750		40	>20.0	4110	120	160	50
9971				1700		25	>20.0	4670	75	90	30
9972				1600		30	>20.0	4180	85	150	65
9973				1550		25	>20.0	1710	105	160	45
9974				1450		30	>20.0	7000	115	170	30
9975				1400		35	19.1	20900	180	110	35
9976				1350		35	>20.0	14700	155	240	45
9977				1300		30	>20.0	8600	140	200	45
9978				1250		30	>20.0	2270	110	190	35
9979				1200		30	>20.0	1370	110	210	35
9980				1150		30	>20.0	750	115	190	35
9981				1100		35	>20.0	700	130	200	45
9982				1050		50	>20.0	1430	130	220	45
9983				1000		30	>20.0	1790	140	190	45
9984				950		35	>20.0	410	115	240	65
WR 06498 5				900		30	>20.0	710	125	210	35

SAMPLING RECORD

Material:	Fe	Depth: Surface	Sampled By / Logged: PH & GS
Map No:	SE 53-2	Laboratory Request No: NRO303	Date: 24/7/81
Line No:	21	From: 2600	Photo No: 3/196
		To: 000	Bearing: 241°

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-10

Plotted By: DAB

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06498 6				850		35	>20.0	650	125	300	45
9 8 7				800		35	>20.0	910	140	240	40
9 8 8				750		35	>20.0	2830	125	220	40
9 8 9				700		25	>20.0	430	105	170	45
9 9 0				600		35	>20.0	2490	60	120	30
9 9 1				350		30	>20.0	820	65	150	50
9 9 2				250		35	>20.0	540	80	220	50
9 9 3				200		30	>20.0	1240	55	140	35
9 9 4				150		30	>20.0	1910	70	180	40
9 9 5				100		25	>20.0	550	55	160	60
9 9 6				050		20	19.6	560	45	90	25
WR06499 7				000		25	>20.0	370	60	140	35

SAMPLING RECORD

Material: Fe
Depth: Surface
Sampled Logged By: PH & GS
Map No: SE 53-2
Laboratory Request No: NRO303
Date: 24/7/81
Line No: 21
From: 2600
To: 000
Photo No: 3/196
Bearing: 241°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: DAB
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR06514				000	+10	Lag	25	>20.0	170	40	160	60
1411				050	+10	Lag	25	>20.0	130	20	110	65
1412				300	+10	Lag	50	>20.0	9700	90	70	45
1413				400	Hand Picked	Lag	25	>20.0	490	50	290	35
1414				450	Hand Picked	Lag	30	>20.0	3400	60	160	35
1415				500	Hand Picked	Lag	35	>20.0	690	50	330	40
1416				600	Hand Picked	Lag	15	15.0	140	LLD	410	20
1417				650	Hand Picked	Lag	20	6.0	120	10	50	15
1418				700	Hand Picked	Lag	15	>20.0	260	40	50	30
1419				750	Hand Picked	Lag	10	15.4	1000	10	80	15
1420				800	+10	Lag	25	18.7	2500	30	60	35
1421				850	+10	Near current termite nest	30	>20.0	1960	40	50	45
1422				900	+10	Lag	25	>20.0	1420	20	70	40
1423				950	+10	Near current termite nest	25	>20.0	2300	40	80	50
1424				1000	+10	Lag	30	>20.0	1830	30	100	50
1425				1100	+10	Lag	30	>20.0	310	40	130	50
1426				1150	Hand Picked	"	30	>20.0	480	40	310	40
1427				1200	+10	"	30	>20.0	740	70	180	35
1428				1250	+10	"	30	>20.0	920	70	210	75
1429				1300	+10	"	25	>20.0	310	60	90	45
1430				1400	+10	"	30	>20.0	380	60	180	70
1431				1450	+10	"	35	>20.0	510	60	200	75
1432				1500	+10	"	30	>20.0	520	60	180	60
1433				1550	+10	"	35	>20.0	300	80	200	75
1434				1600	+10	"	30	>20.0	280	50	130	50
1435				1650	+10	"	35	>20.0	370	70	210	65
1436				1700	+10	"	30	>20.0	560	80	170	65
1437				1750	+10	"	30	>20.0	570	80	180	60
1438				1800	+10	"	35	>20.0	490	70	170	85
WR06519				1850	+10	"	30	>20.0	420	50	170	75

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 22
From: 000
To: 2400 E
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR065170				1950	+10	Lag	30	>20.0	260	60	160	70
1711				2000	+10	Lag	35	>20.0	230	50	160	90
1712				2050	+10	Near current termite nest	35	>20.0	250	60	130	100
1713				2100	+10	Lag	30	>20.0	360	70	130	105
1714				2150	+10	Lag	30	>20.0	170	40	80	80
1715				2200	+10	Lag	40	>20.0	220	50	100	90
WR065176				2300	+10	Lag	35	>20.0	210	40	90	90

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 22
From: 000
To: 2400 E
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06517700					Lag +10	10	>20.0	160	40	110	45
17800					Lag +10	30	>20.0	400	30	150	75
17900					Lag +10	25	>20.0	320	40	110	50
18000					Near current termite nest +10	15	19.2	450	20	20	40
18100					" " " " +10	30	17.8	1000	20	40	25
18200					" " " " +10	40	>20.0	2700	50	70	35
18300					+10 Near current termite nest	40	>20.0	1960	70	120	40
18400					Hand Picked Wash	25	17.0	20	20	60	40
18500					Hand Picked Wash	10	15.9	350	30	120	20
18600					Hand Picked Lag	30	>20.0	790	50	130	55
18700					+10 Wash	30	>20.0	1010	90	260	55
18800					+10 Near current termite nest	35	>20.0	1150	80	190	60
18900					+10 Lag	35	>20.0	410	70	170	65
19000					+10 Near current termite nest	35	>20.0	280	80	210	65
19100					+10 " " " "	35	>20.0	280	110	210	75
19200					+10 Lag	30	>20.0	340	50	140	45
19300					Hand Picked Lag	30	>20.0	420	60	140	50
19400					+10 "	35	>20.0	310	90	200	65
19500					+10 "	30	>20.0	310	80	180	70
19600					+10 "	30	>20.0	250	70	150	55
19700					+10 "	35	>20.0	260	100	180	70
19800					+10 "						
19900					+10 "	40	>20.0	250	70	200	70
20000					+10 "	35	>20.0	260	90	160	50
20100					+10 "	35	>20.0	260	100	170	55
20200					+10 Near current termite nest	40	>20.0	290	110	170	85
20300					+10 " " " "	35	>20.0	260	110	160	65
20400					+10 " " " "	35	>20.0	200	110	170	65
20500					+10 " " " "	40	>20.0	210	100	170	65
WRC652060					+10 Lag	35	>20.0	180	90	100	65

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Map No: SE 53.2
Line No: 23
Depth: Surface
Laboratory Request No: NR 0305
From: 000
To: 2500 E
Sampled Logged By: GS & KT
Date: 2/8/81
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR065207				1650	+10 Lag	35	>20.0	620	80	160	70
2208				1700	+10 Lag	35	>20.0	250	70	100	85
2209				1750	+10 Near current termite nest	30	>20.0	320	60	110	80
2210				1800	+10 " " " "	30	>20.0	300	50	100	60
2211				1900	+10 Lag	30	>20.0	100	60	50	65
2212				2000	+10 Near current termite nest	30	>20.0	110	50	40	100
2213				2100	+10 Lag	25	>20.0	80	50	40	75
WR065214				2200	+10 Near current termite nest	25	>20.0	110	40	60	85

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled By / Logged: GS
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 23
From: 000
To: 2500 E
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR06528				000	+10	Lag	45	>20.0	310	70	210	40
2 8 6				050	+10	Lag	40	>20.0	350	80	200	50
2 8 7				100	+10	"	40	>20.0	340	80	190	45
2 8 8				150	+10	"	40	>20.0	360	70	210	65
2 8 9				200	+10	"	35	>20.0	660	70	210	50
2 9 0				250	+10	"	45	>20.0	1390	80	210	55
2 9 1				300	+10	"	45	>20.0	1470	90	170	50
2 9 2				350	+10	"	45	>20.0	860	80	170	35
2 9 3				400	+10	"	40	>20.0	540	100	210	50
2 9 4				450	+10	"	40	>20.0	1300	130	240	45
2 9 5				500	+10	"	40	>20.0	2150	110	230	65
2 9 6				800	Hand Picked	"	35	>20.0	330	80	190	50
2 9 7				850	+10	"	35	>20.0	340	100	170	60
2 9 8				900	+10	"	35	>20.0	280	90	220	70
2 9 9				950	+10	"	35	>20.0	260	100	180	65
3 0 0				1000	+10	"	35	>20.0	210	100	160	60
3 0 1				1050	+10	"	35	>20.0	220	90	200	60
3 0 2				1100	+10	"	35	>20.0	220	90	90	105
3 0 3				1150	+10	"	35	>20.0	180	100	170	70
3 0 4				1200	+10	"	40	>20.0	200	100	200	55
3 0 5				1250	+10	"	35	>20.0	190	100	160	50
3 0 6				1300	+10	Near current termite nest	40	>20.0	190	110	160	75
3 0 7				1350	+10	" " " "	35	>20.0	180	110	140	90
3 0 8				1400	+10	" " " "	35	>20.0	180	90	120	65
3 0 9				1450	+10	Lag	35	>20.0	160	100	120	70
3 1 0				1500	+10	Near current termite nest	35	>20.0	190	90	110	70
3 1 1				1550	Hand Picked	Lag	25	>20.0	130	110	100	65
3 1 2				1750	Hand Picked	"	25	>20.0	480	80	210	45
3 1 3				1800	Hand Picked	"	20	>20.0	120	80	40	45
WR0653 1 4				1950	+10	"	30	>20.0	130	100	100	60
1 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17			18 19 20 21			22 23 24 25 26 27 28 29 30					

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled Logged By: GS
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 24
From: 000
To: 2600 E
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR06531 5				2200	+10	Near current termite nest	45	>20.0	120	110	80	70
3 1 6				2350	Hand Picked	Lag	40	>20.0	70	100	80	35
3 1 7				2400	Hand Picked	Lag	40	>20.0	110	80	80	80
WR06531 8				2450	+10	Lag	40	>20.0	120	80	90	65

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled By / Logged: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 24
From: 000
Photo No: R4/184
To: 2600 E
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Description	Cu	Fe	Mn	Pb	Zn	As
WR06521 5		000	+10 Lag	35	>20.0	230	60	190	45
216		050	+10 Lag	40	>20.0	840	70	180	50
217		100	+10 "	40	>20.0	150	70	160	45
218		150	+10 "	45	>20.0	130	70	150	45
219		200	+10 "	40	>20.0	130	70	190	50
220		250	+10 "	40	>20.0	140	70	180	55
221		300	+10 "	40	>20.0	150	70	140	55
222		350	+10 "	45	>20.0	150	80	130	60
223		400	+10 "	45	>20.0	130	70	120	45
224		450	+10 "	45	>20.0	140	70	120	55
225		500	+10 "	45	>20.0	140	60	120	65
226		550	+10 "	40	>20.0	140	50	130	55
227		600	+10 "	40	>20.0	150	60	130	45
228		650	+10 "	40	>20.0	140	90	120	60
229		700	+10 "	35	>20.0	140	100	130	65
230		750	+10 "	40	>20.0	150	100	140	60
231		800	+10 "	35	>20.0	180	90	140	70
232		900	+10 "	35	>20.0	620	100	100	80
233		1000	+10 "	40	>20.0	150	90	110	95
234		1200	Hand Picked "	30	>20.0	80	60	60	70
235		1750	+10 "	35	>20.0	130	50	40	55
WR06536		1850	+10 "	35	>20.0	140	60	40	70

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: Surface
Sampled Logged By: GS & KT
Map No: SE 53.2
Laboratory Request No: NR 0305
Date: 2/8/81
Line No: 25
From: 000
To: 2800 E
Photo No: R4-184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06523700					Hand Picked Lag	30	>20.0	60	70	20	55
23850					" " "	35	>20.0	70	80	200	60
23910					" " "	30	>20.0	60	70	60	55
24050					+10 Lag	35	>20.0	60	40	30	65
24150					+10 Near current termite nest	35	>20.0	90	70	40	90
24260					+10 Lag	40	>20.0	80	70	50	85
24360					+10 "	45	>20.0	90	60	60	85
24470					+10 "	45	>20.0	80	80	40	90
24570					+10 "	45	>20.0	80	70	30	80
24680					+10 "	35	>20.0	80	60	40	55
24780					+10 "	35	>20.0	80	60	50	80
24890					+10 "	35	>20.0	90	70	30	70
24950					+10 "	35	>20.0	90	70	50	60
25010000					+10 "	35	>20.0	100	80	70	60
25110500					+10 "	30	>20.0	100	70	40	50
25211000					+10 "	30	>20.0	80	60	20	60
25311500					+10 "	30	>20.0	100	70	20	55
25412000					+10 "	35	>20.0	80	70	20	55
25512500					+10 "	30	>20.0	90	60	20	65
25613000					+10 "	30	>20.0	90	60	20	70
25713500					+10 "	30	>20.0	70	60	20	70
25814000					+10 Near current termite nest	30	>20.0	90	60	20	85
25914500					Hand Picked Lag	35	>20.0	70	50	10	70
26015000					+10 "	30	>20.0	90	70	20	65
26115500					+10 "	30	>20.0	90	70	20	60
26216000					+10 "	30	>20.0	70	70	20	60
26316500					+10 Near current termite nest	35	>20.0	90	70	20	70
26417000					+10 Lag	35	>20.0	70	60	20	45
26517500					+10 "	35	>20.0	80	60	10	60
WRC652661800					+10 Lag	35	>20.0	90	60	20	85

SAMPLING RECORD

Material: Fe	Depth: Surface	Sampled By / Logged: GS	
Map No: SE 53-5	Laboratory Request No: NR0305	Date: 2/8/81	
Line No: 26	From: 000	Photo No: R4/184	
	To: 2700 E	Bearing: 61°	

PROJECT

Region: Northern

Project Name: Lansen Creek

Cost Code: 3648 - 630

PLOTTING RECORD

Map No's: 7001-10

Plotted By: D.A.B.

Section: Northern Regn.

Plan: Lansen Creek

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description		Cu	Fe	Mn	Pb	Zn	As
WR06527				1850	+10	Lag	40	>20.0	80	70	20	70
2768				1900	+10	Lag	40	>20.0	90	70	20	60
2769				1950	+10	"	45	>20.0	80	70	20	70
2770				2000	+10	"	45	>20.0	80	50	20	70
WR06527	71			2050	+10	"	45	>20.0	70	60	30	60
WR06527	73			2150	+10	"	35	>20.0	90	70	30	50
2774				2200	+10	"	45	>20.0	90	60	30	25
2775				2250	Hand Picked	"	40	>20.0	330	60	200	40
2776				2300	+10	Near current termite nest	40	>20.0	90	60	30	50
2777				2350	+10	Lag	45	>20.0	80	60	20	60
2778				2400	+10	"	40	>20.0	70	60	20	65
2779				2450	+10	"	45	>20.0	80	70	20	75
2780				2500	+10	"	40	>20.0	70	50	20	60
2781				2550	+10	"	40	>20.0	80	50	20	60
2782				2600	+10	"	35	>20.0	80	40	20	50
2783				2650	+10	"	35	>20.0	50	40	10	45
WR06528	4			2700	+10	"	40	>20.0	70	50	20	45
WR06527	2			2100	?	???	45	>20.0	80	60	20	55

SAMPLING RECORD

Material: FE
Map No: SE 53.5
Line No: 26
Depth: Surface
Laboratory Request No: NR 0305
Sampled By / Logged By: GS
Date: 2/8/81
From: 000
To: 2700 E
Photo No: R4/184
Bearing: 61°

PROJECT

Region: Northern
Project Name: Lansen Creek
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-10
Plotted By: D.A.B.
Section: Northern Regn.
Plan: Lansen Creek
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06680 1				4000	Hand Picked Lag	40	>20.0	690	20	140	45
8 0 2				3950	" " "	40	>20.0	500	30	60	55
8 0 3				3900	" " "	55	19.9	1190	40	60	30
8 0 4				3850	" " "	55	>20.0	1200	80	50	45
8 0 5				3800	" " "	45	>20.0	190	60	30	55
8 0 6				3750	" " "	45	>20.0	490	60	50	35
8 0 7				3700	" " "	40	>20.0	230	80	60	55
8 0 8				3650	" " "	35	>20.0	2890	60	20	30
8 0 9				3550	" " "	40	>20.0	1090	50	30	50
8 1 0				3500	Hand Picked Lag	35	>20.0	570	70	30	50
8 1 1				3300	" " "	35	>20.0	2690	130	130	50
8 1 2				3250	" " "	35	>20.0	1660	60	120	45
8 1 3				3200	" " "	60	>20.0	12400	50	160	30
8 1 4				3150	" " "	25	>20.0	4900	40	150	15
8 1 5				3100	" " "	15	>20.0	12900	40	240	5
8 1 6				3050	" " "	35	>20.0	11100	30	280	5
8 1 7				3000	" " "	25	>20.0	4120	50	120	20
8 1 8				2950	" " "	20	11.5	670	30	90	5
8 1 9				2900	" " "	25	17.9	2310	40	70	10
8 2 0				2850	" " "	45	>20.0	1740	50	120	25
8 2 1				2800	" " "	25	>20.0	980	60	130	35
8 2 2				2750	" " "	40	>20.0	4720	60	120	30
8 2 3				2700	" " "	55	14.7	510	40	50	15
8 2 4				2650	" " "	55	15.5	540	30	60	10
8 2 5				2600	" " "	20	>20.0	900	50	60	25
8 2 6				2550	" " "	40	8.1	900	20	20	5
8 2 7				2500	" " "	30	>20.0	1810	50	290	25
8 2 8				2450	" " "	25	>20.0	330	30	60	15
8 2 9				2400	" " "	30	>20.0	1220	60	40	40
WR06830				2350	Hand Picked Lag	25	>20.0	170	50	130	35

SAMPLING RECORD

Material: FE
Map No: SE53-2
Line No: 28
Depth: SURFACE
Laboratory Request No: NR0325
From: 4000
To: 000
Sampled Logged By: GS
Date: 25/10/81
Photo No:
Bearing: 265°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's:
Plotted By:
Section:
Plan:
Scale:

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip:
Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WRO66831				2300	Hand Picked Lag	15	>20.0	260	60	40	40
8832				2250	" " "	15	>20.0	880	60	80	25
8833				2000	" " "	25	15.9	90	60	80	40
8834				1950	" " "	15	>20.0	80	60	30	25
8835				1900	" " "	25	>20.0	350	60	50	35
8836				1850	" " "	15	>20.0	100	40	20	30
8837				1800	" " "	20	>20.0	430	70	50	40
8838				1750	" " "	30	>20.0	410	40	30	25
8839				1700	" " "	35	>20.0	650	50	50	30
8840				1650	" " "	25	>20.0	200	100	70	30
8841				1600	" " "	25	>20.0	720	50	50	30
8842				1550	" " "	30	>20.0	520	60	60	35
8843				1500	" " "	25	>20.0	200	40	20	25
8844				1450	" " "	30	>20.0	260	60	60	40
8845				1400	" " "	35	>20.0	200	70	30	45
8846				1350	" " "	25	>20.0	480	50	70	45
8847				1300	" " "	25	>20.0	220	60	90	40
8848				1250	" " "	30	>20.0	1640	60	60	35
8849				1200	" " "	25	>20.0	630	70	70	40
8850				1150	" " "	35	>20.0	480	60	270	45
8851				1100	" " "	25	>20.0	380	80	300	40
8852				1050	" " "	25	>20.0	3230	50	150	25
8853				1000	" " "	25	>20.0	13100	70	100	35
8854				950	" " "	25	>20.0	480	60	50	25
8855				800	" " "	30	>20.0	1240	90	190	45
8856				750	" " "	25	>20.0	180	70	80	45
8857				700	" " "	20	>20.0	1070	70	150	35
8858				550	" " "	20	>20.0	190	70	50	40
8859				500	" " "	25	>20.0	740	60	70	40
WRO66860				450	Hand Picked Lag	25	>20.0	770	60	40	30

SAMPLING RECORD

Material: Fe
Map No: SE53-2
Line No: 28
Depth: Surface
Laboratory Request No: NRO325
From: 4000
To: 000
Sampled By / Logged: GS
Date: 30/10/81
Photo No:
Bearing: 265°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's
Plotted By:
Section:
Plan:
Scale:

DRILLING

Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WRO66861				250	Hand Picked Lag	20	>20.0	670	50	40	35
WRO66862				000	" " "	10	9.7	160	30	20	15

SAMPLING RECORD

Material: FE

Map No: SE53-2

Line No: 28

Depth: SURFACE

Laboratory Request No: NRO325

From: 4000

To: 000

Sampled Logged By: GS

Date: 30/10/81

Photo No:

Bearing: 265°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648

PLOTTING RECORD

Map No's:

Plotted By:

Section:

Plan:

Scale:

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Description	Cu	Fe	Mn	Pb	Zn	As
WRO67307		000	Hand Picked Lag	25	>20.0	80	50	30	60
30808		050	" "	25	>20.0	270	40	40	45
30909		100	" "	30	>20.0	340	60	120	60
31010		150	" "	40	>20.0	800	50	110	50
31111		200	" "	40	>20.0	1390	60	40	50
31212		250	" "	55	>20.0	3680	50	80	65
31313		300	" "	55	>20.0	1620	50	50	55
31414		350	" "	65	>20.0	7000	50	160	90
31515		400	" "	35	>20.0	1890	60	110	55
31616		450	" "	25	>20.0	1240	50	180	50
31717		500	" "	30	>20.0	620	50	80	50
31818		550	" "	20	>20.0	1070	50	40	45
31919		600	" "	20	>20.0	280	50	50	45
32020		650	" "	25	>20.0	1500	30	130	55
32121		700	" "	25	>20.0	520	50	50	55
32222		750	Hand Picked "	30	>20.0	530	40	180	50
32323		800	+10 "	5	5.9	130	10	10	15
32424		850	+10 "	5	4.4	1110	10	20	15
32525		1000	Hand Picked "	20	15.9	1270	30	20	40
32626		1050	" "	25	15.5	280	30	30	35
32727		1100	" "	10	12.3	180	20	20	30
32828		1150	" "	15	12.5	130	20	40	30
32929		1200	" "	10	9.9	60	10	10	25
33030		1300	" "	15	18.1	130	80	50	45
33131		1350	" "	15	17.1	110	30	20	35
WRO67332		1400	Hand Picked Lag	15	>20.0	130	40	190	50
33333				20	>20.0	340	60	140	55

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled By / Logged By: GS
Map No: SE53-2
Laboratory Request No: NRO326
Date: 1/11/81
Line No: 29
From: 000
To: 1400
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's
Plotted By:
Section:
Plan:
Scale:

DRILLING

Driller
Date:
Drill Type:
R.L.:
Dip:
Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0664017	000				Hand Picked Lag	30	>20.0	820	80	160	50
4018	100				" " "	45	>20.0	1140	90	960	55
4019	250				" " "	20	8.6	300	20	60	10
4020	350				+10 Near Current Termite Nest	45	>20.0	560	70	120	45
4021	400				+10 " " " "	40	>20.0	1450	80	80	40
4022	450				+10 " " " "	40	>20.0	1030	80	120	50
4023	500				+10 Lag	40	17.2	3200	70	60	35
4024	550				Hand Picked Lag	50	>20.0	3800	80	160	60
4025	600				" " "	60	>20.0	2400	70	480	45
4026	650				" " "	40	>20.0	2400	60	120	45
4027	700				" " "	40	>20.0	4800	50	40	45
4028	750				" " "	40	>20.0	740	90	80	55
4029	800				" " "	25	4.6	520	20	40	15
4030	850				" " "	40	>20.0	460	70	400	55
4031	900				" " "	40	>20.0	1420	70	690	55
4032	950				" " "	40	>20.0	690	80	480	60
WR0664033	1000				Hand Picked Lag	55	>20.0	5000	70	720	50

SAMPLING RECORD

Material:	FE	Depth : SURFACE	Sampled Logged By : GS
Map No :	SE53-2	Laboratory Request No NRO309	Date : 27/8/81
Line No :	30	From : 000	Photo No : R2/77
		To : 1000	Bearing : 86°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648-630

PLOTTING RECORD

Map No's : 7001-9

Plotted By : D.A. BRUSE

Section : NORTHERN REGION

Plan : LANSEN CREEK

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06642600					Hand Picked Lag	45	>20.0	250	80	120	45
42700					" " "	40	>20.0	820	80	180	40
42801000					" " "	40	>20.0	1030	10000	360	40
42901500					" " "	40	>20.0	1530	100	500	25
43002000					" " "	40	>20.0	1070	100	440	40
43102500					" " "	40	>20.0	1620	100	220	40
43203000					" " "	40	>20.0	94000	100	320	35
43303500					" " "	35	>20.0	960	90	260	35
43404000					" " "	35	>20.0	1460	100	400	40
43504500					" " "	40	>20.0	700	80	360	25
43605000					" " "	30	>20.0	660	90	180	35
43705500					" " "	35	>20.0	890	100	360	40
43806000					" " "	40	>20.0	690	100	180	45
43906500					" " "	35	>20.0	390	100	160	45
44007000					" " "	40	>20.0	470	80	100	45
44107500					" " "	20	>20.0	580	110	190	60
44208000					" " "	20	>20.0	670	90	240	40
44308500					" " "	25	>20.0	390	90	40	50
44409000					" " "	20	>20.0	350	90	140	40
44509500					" " "	20	>20.0	340	90	180	45
WR06644610000					Hand Picked Lag	30	>20.0	300	90	120	45

SAMPLING RECORD

Material: FE	Depth: SURFACE	Sampled Logged By: GS	
Map No: SE53-2	Laboratory Request No: NRO309	Date: 27/8/81	
Line No: 31	From: 000	Photo No: R2/77	
	To: 1000	Bearing: 86°	

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-9

Plotted By: D.A. BRUCE

Section: NORTHERN REGION

Plan: LANSEN CREEK

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WRO66476		000			Hand Picked Lag	45	>20.0	730	90	120	30
4477		050			" " "	40	>20.0	280	70	140	30
4478		100			" " "	40	>20.0	270	70	40	30
4479		200			" " "	40	>20.0	150	60	50	30
4480		250			" " "	60	15.8	1070	50	30	20
4481		300			" " "	40	>20.0	1090	60	80	20
4482		350			" " "	40	>20.0	330	60	50	30
WRO66483		500			+10 Near Current Termite Nest	60	>20.0	950	70	140	25

SAMPLING RECORD

Material: FE
Map No: SE53-2
Line No: 32
Depth: SURFACE
Laboratory Request No: NRO309
From: 000
To: 500
Sampled Logged By: GS
Date: 27/8/81
Photo No: R2/77
Bearing: 86°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-9
Plotted By: D.A. BRUCE
Section: NORTHERN REGION
Plan: LANSEN CK.
Scale: 1:25000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Description	Cu	Fe	Mn	Pb	Zn	As
WRO66457		000	Hand Picked Lag	30	>20.0	890	70	100	45
4458		050	" " "	30	>20.0	370	80	130	35
4459		100	" " "	25	>20.0	1140	80	320	35
4460		150	" " "	30	>20.0	1620	90	460	35
4461		200	" " "	30	>20.0	970	60	170	35
4462		250	" " "	40	>20.0	820	70	120	30
4463		300	" " "	35	>20.0	830	70	80	40
4464		400	" " "	40	>20.0	12000	70	240	30
4465		450	" " "	35	>20.0	1620	90	280	35
WRO66466		500	Hand Picked Lag	30	>20.0	1330	80	240	35

Sample Co-ordinate N/S or E/W

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE

Map No: SE53-2

Line No: 33

Depth: SURFACE

Laboratory Request No: NRO309

From: 000

To: 500

Sampled By / Logged By: GS

Date: 27/8/81

Photo No: R2/77

Bearing: 86°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-9

Plotted By: D.A. BRUSE

Section: NORTHERN REGION

Plan: LANSEN CK.

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

N

E/

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EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Description	Cu	Fe	Mn	Pb	Zn	As
WR06647		000	Hand Picked Lag	25	>20.0	3600	60	80	20
		050	" " "	35	>20.0	1550	70	100	30
		100	" " "	45	>20.0	1980	90	80	30
		150	" " "	40	11.6	900	30	60	15
		200	" " "	40	>20.0	360	40	50	20
		350	" " "	40	>20.0	460	90	110	35
		400	" " "	35	>20.0	390	70	100	30
		450	" " "	40	>20.0	1680	60	420	30
WR06675		500	Hand Picked Lag	40	>20.0	550	70	200	30

Sample Co-ordinate N/S E/W

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE	Depth : SURFACE	Sampled By / Logged By : G S
Map No : SE53-2	Laboratory Request No : NR0309	Date : 27/8/81
Line No : 34	From : 000	Photo No : R2/77
	To : 500	Bearing : 86°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648-630

PLOTTING RECORD

Map No's : 7001-9

Plotted By : D.A. BRUSE

Section : NORTHERN REGION

Plan : LANSEN CK

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WRO6644 7		500			Hand Picked Lag	30	>20.0	450	80	70	40
4448		450			" " "	30	>20.0	570	80	160	35
4449		400			" " "	25	>20.0	100	80	40	40
4450		350			" " "	25	>20.0	260	80	80	40
4451		300			" " "	40	>20.0	1180	90	120	40
4452		200			" " "	30	>20.0	130	70	40	30
4453		150			" " "	25	>20.0	220	60	40	40
4454		100			" " "	30	>20.0	450	70	130	50
4455		050			" " "	30	>20.0	660	70	120	30
WRO6645 6		000			Hand Picked Lag	30	>20.0	430	60	80	35

SAMPLING RECORD

Material: FE
Map No: SE53-2
Line No: 35
Depth: SURFACE
Laboratory Request No: NRO309
Sampled Logged By: GS
Date: 27/8/81
From: 500
To: 000
Photo No: R2/77
Bearing: 266°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 7001-9
Plotted By: D.A. BOUDE
Section: NORTHERN REGION
Plan: LANSEN CK
Scale: 1:25 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR 066993		000			Hand Picked Lag	20	>20.0	130	50	10	40
066994		050			" "	25	>20.0	160	50	10	40
066995		100			" "	30	>20.0	70	40	20	45
066996		150			" "	35	>20.0	110	40	20	30
066997		200			" "	25	>20.0	100	50	20	135
066998		250			" "	30	>20.0	160	50	10	45
066999		300			" "	30	>20.0	150	40	10	55
WR 067000		350			" "	25	>20.0	320	50	10	50
067001		400			" "	30	>20.0	150	50	10	70
067002		450			" "	25	>20.0	120	50	10	65
067003		500			" "	30	>20.0	220	40	10	55
067004		550			" "	25	>20.0	120	50	20	65
067005		600			" "	25	>20.0	80	50	10	60
067006		650			" "	25	>20.0	100	50	20	70
067007		700			" "	25	>20.0	230	50	30	50
067008		750			" "	30	>20.0	170	40	10	35
067009		800			" "	25	>20.0	130	50	20	55
067010		850			" "	25	>20.0	110	50	10	60
067011		900			" "	30	>20.0	60	40	10	30
067012		950			" "	25	>20.0	60	60	10	30
067013		1000			" "	25	>20.0	70	70	20	40
067014		1050			" "	30	>20.0	40	40	20	35
067015		1100			" "	25	>20.0	50	60	20	30
067016		1150			" "	25	>20.0	50	70	20	40
067017		1200			" "	25	>20.0	50	50	20	45
067018		1250			" "	25	>20.0	70	60	20	35
067019		1300			" "	30	>20.0	30	50	10	35
067020		1350			" "	30	>20.0	70	60	20	45
067021		1400			" "	30	>20.0	80	40	20	35
WR 067022		1450			Hand Picked Lag	25	>20.0	80	60	20	45

SAMPLING RECORD

Material: FE	Depth : SURFACE	Sampled Logged By : G S
Map No : SE53-2	Laboratory Request No : NRO325	Date : 30/10/81
Line No : 36	From : 000	Photo No :
	To : 4000	Bearing : 85°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648

PLOTTING RECORD

Map No's : 7001-3

Plotted By : D.A.B.

Section : NORTHERN REGION

Plan : LANSEN CK

Scale : 1:25000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06703				1500	Hand Picked Lag	30	>20.0	90	70	20	45
04				1550	" "	25	>20.0	100	80	50	45
05				1600	" "	25	>20.0	280	70	50	40
06				1650	" "	25	>20.0	100	80	30	45
07				1700	" "	25	>20.0	160	70	30	45
08				1750	" "	30	>20.0	490	80	30	40
09				1800	" "	25	>20.0	280	80	50	45
30				1850	" "	25	>20.0	160	70	20	35
31				1900	" "	31	>20.0	310	80	110	40
32				1950	" "	35	>20.0	2350	120	60	35
33				2000	" "	25	>20.0	480	70	90	35
34				2050	" "	25	>20.0	420	90	120	40
35				2100	" "	25	>20.0	460	130	140	40
36				2150	" "	25	>20.0	760	80	160	35
37				2200	" "	30	>20.0	2250	90	150	30
38				2250	" "	25	>20.0	3310	110	80	30
39				2300	" "	20	>20.0	740	70	150	30
40				2350	" "	35	>20.0	5200	120	260	20
41				2400	" "	25	>20.0	1380	80	190	30
42				2450	" "	25	>20.0	1030	80	150	40
43				2500	" "	15	>20.0	630	150	80	30
44				2550	" "	20	>20.0	810	80	210	30
45				2600	" "	25	>20.0	650	70	190	35
46				2650	" "	20	>20.0	380	80	110	35
47				2700	" "	25	>20.0	490	80	240	45
48				2750	" "	20	>20.0	690	70	80	35
49				2800	" "	25	>20.0	830	60	300	40
50				2850	" "	30	>20.0	1060	80	230	35
51				2900	" "	25	>20.0	270	70	60	40
WR07752				2950	Hand Picked Lag	20	>20.0	330	80	50	35

SAMPLING RECORD

Material: FE	Depth: SURFACE	Sampled By / Logged: GS
Map No: SE53-2	Laboratory Request No: NRO325	Date: 30/10/81
Line No: 36	From: 000 To: 4000	Photo No: ..... Bearing: 85°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-5

Plotted By: D.A.B.

Section: NORTHERN REGION

Plan: LANSEN CK.

Scale: 1:25 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06705 3				3000	Hand Picked Lag	25	>20.0	670	70	330	35
0054				3050	" "	25	>20.0	930	70	340	35
0055				3100	" "	25	>20.0	630	90	230	45
0056				3150	" "	20	>20.0	460	90	200	35
0057				3200	" "	25	>20.0	490	80	340	30
0058				3250	" "	20	>20.0	360	80	40	45
0059				3300	" "	20	>20.0	290	70	100	45
0060				3350	" "	20	>20.0	620	80	190	40
0061				3400	" "	25	>20.0	860	70	50	50
0062				3450	" "	20	>20.0	1050	70	100	35
0063				3500	" "	20	>20.0	1820	50	360	30
0064				3550	" "	30	>20.0	430	70	130	35
0065				3600	" "	25	>20.0	710	90	210	45
0066				3650	" "	20	>20.0	790	110	310	35
0067				3700	" "	20	>20.0	830	80	160	40
0068				3750	" "	30	>20.0	280	90	230	35
0069				3800	" "	30	>20.0	1030	70	210	40
0070				3850	" "	20	>20.0	220	70	70	45
0071				3900	" "	25	>20.0	200	80	110	50
0072				3950	" "	25	>20.0	780	60	540	40
WR06707 3				4000	Hand Picked Lag	20	>20.0	220	60	60	40

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled By / Logged By: GS
Map No: SE53-2
Laboratory Request No: NRO325
Date: 30/10/81
Line No: 36
From: 000
To: 4000
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-3
Plotted By: D.A.B.
Section: NORTHERN REGION
Plan: LANSEN CK.
Scale: 1:25 000.

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR 06695300				000	Hand Picked Lag	20	>20.0	70	80	70	60
06695400				050	" "	25	>20.0	110	80	40	65
06695500				100	" "	25	>20.0	100	70	20	60
06695600				150	" "	20	>20.0	210	70	80	60
06695700				200	" "	20	>20.0	50	70	20	60
06695800				250	" "	20	>20.0	180	70	20	50
06695900				300	" "	25	>20.0	100	70	20	45
06696000				350	" "	25	>20.0	80	90	30	50
06696100				400	" "	20	>20.0	50	70	20	50
06696200				450	" "	20	>20.0	160	50	30	45
06696300				500	" "	25	>20.0	340	60	30	40
06696400				550	" "	25	>20.0	180	80	60	60
06696500				600	" "	20	>20.0	240	60	30	55
06696600				650	" "	20	>20.0	270	60	30	45
06696700				700	" "	20	>20.0	250	60	20	50
06696800				750	" "	25	>20.0	140	70	30	55
06696900				800	" "	20	>20.0	150	60	20	55
06697000				850	" "	25	>20.0	120	60	20	50
06697100				900	" "	25	>20.0	90	60	20	55
06697200				950	" "	20	>20.0	60	60	20	55
06697300				1000	" "	20	>20.0	120	50	30	60
06697400				1050	" "	25	>20.0	80	60	30	60
06697500				1100	" "	20	>20.0	50	50	20	55
06697600				1150	" "	20	>20.0	80	60	30	40
06697700				1200	" "	20	>20.0	80	60	20	45
06697800				1250	" "	15	>20.0	100	60	30	45
06697900				1300	" "	20	>20.0	60	80	30	40
06698000				1350	" "	20	>20.0	60	70	20	45
06698100				1400	" "	15	>20.0	60	60	10	40
WR 06698200				1450	Hand Picked Lag						

SAMPLING RECORD			
Material: FE	Depth : SURFACE	Sampled Logged By GS	
Map No : SE53-2	Laboratory Request No : NRO325	Date : 30/10/81	
Line No : 37	From : 000	Photo No :	
	To : 2000	Bearing : 85°	

PROJECT	
Region : NORTHERN	
Project Name : LANSEN CREEK	
Cost Code : 3648	

PLOTTING RECORD	
Map No's :	7001-S
Plotted By :	D.A.B.
Section :	NORTHERN REGION
Plan :	LANSEN CK.
Scale :	1:25 000

DRILLING	
Driller :	
Date :	
Drill Type :	
R.L. :	
Dip :	Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR066983				1500	Hand Picked Lag	20	>20.0	90	70	20	40
066984				1550	" "	15	>20.0	80	60	20	40
066985				1600	" "	20	>20.0	100	70	20	45
066986				1650	" "	20	>20.0	60	70	20	55
066987				1700	" "	20	>20.0	50	70	20	40
066988				1750	" "	20	>20.0	90	60	20	50
066989				1800	" "	20	>20.0	40	50	10	30
066990				1850	" "	25	>20.0	50	70	30	40
066991				1900	" "	20	>20.0	50	70	10	40
WR066992				2000	Hand Picked Lag	25	>20.0	50	70	20	35

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled By / Logged: GS
Map No: SE53-2
Laboratory Request No: NR0325
Date: 30/10/81
Line No: 37
From: 000
To: 2000
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's:
Plotted By:
Section:
Plan:
Scale:

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06690 2				000	Hand Picked Lag	25	>20.0	1480	70	400	35
9 0 3				050	" "	30	>20.0	1740	70	830	25
9 0 4				100	" "	25	>20.0	1130	80	380	40
9 0 5				150	" "	35	>20.0	12200	260	470	40
9 0 6				200	" "	35	>20.0	2010	70	510	30
9 0 7				250	" "	25	>20.0	1680	90	380	30
9 0 8				300	" "	25	>20.0	780	70	400	30
9 0 9				350	" "	25	>20.0	480	70	360	35
9 1 0				400	" "	25	>20.0	400	80	400	40
9 1 1				450	" "	20	>20.0	400	80	200	25
9 1 2				500	" "	25	>20.0	460	80	290	40
9 1 3				550	" "	25	>20.0	850	70	340	40
9 1 4				600	" "	20	>20.0	430	70	300	35
9 1 5				650	" "	20	>20.0	580	70	330	30
9 1 6				700	" "	20	>20.0	360	70	360	35
9 1 7				750	" "	20	>20.0	280	60	250	35
9 1 8				800	" "	20	>20.0	470	80	280	30
9 1 9				850	" "	20	>20.0	230	70	90	35
9 2 0				900	" "	20	>20.0	230	70	80	35
9 2 1				950	" "	15	>20.0	160	60	110	35
9 2 2				1000	" "	20	>20.0	130	70	50	30
9 2 3				1050	" "	20	>20.0	180	70	240	35
9 2 4				1100	" "	20	>20.0	450	70	120	35
9 2 5				1150	" "	20	>20.0	120	60	130	35
9 2 6				1200	" "	20	>20.0	240	70	90	30
9 2 7				1250	" "	20	>20.0	80	70	50	35
9 2 8				1300	" "	25	>20.0	380	80	100	35
9 2 9				1350	" "	20	>20.0	150	80	70	40
9 3 0				1400	" "	20	>20.0	290	80	80	50
WR06931				1450	Hand Picked Lag	30	>20.0	260	90	180	50

SAMPLING RECORD

Material: FE
Map No: SE53-2
Line No: 38
Depth: SURFACE
Laboratory Request No: NRO325
From: 000
To: 2500
Sampled Logged By: GS
Date: 30/10/81
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's: 7001-9
Plotted By: D.A.B.
Section: NORTHERN REGION
Plan: LANSEN CK
Scale: 1:25000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06693 2				1500	Hand Picked Lag	35	>20.0	520	90	80	40
9333				1550	" "	30	>20.0	470	70	30	40
9334				1600	" "	35	>20.0	390	70	70	45
9335				1650	" "	25	>20.0	140	70	20	30
9336				1700	" "	35	>20.0	760	90	40	40
9337				1750	" "	30	>20.0	210	70	20	40
9338				1800	" "	25	>20.0	200	70	20	50
9339				1850	" "	25	>20.0	110	50	20	45
9340				1900	" "	20	>20.0	200	60	90	45
9341				1950	" "	30	>20.0	150	60	20	25
9342				2000	" "	35	>20.0	110	60	40	55
9343				2050	" "	25	>20.0	140	60	30	45
9344				2100	" "	25	>20.0	130	50	30	45
9345				2150	" "	30	>20.0	460	90	20	50
9346				2200	" "	30	>20.0	520	100	100	45
9347				2250	" "	30	>20.0	210	70	120	50
9348				2300	" "	35	>20.0	170	80	40	50
9349				2350	" "	25	>20.0	210	80	100	55
9350				2400	" "	25	>20.0	240	80	120	55
9351				2450	" "	25	>20.0	280	70	80	50
WR06695 2				2500	Hand Picked Lag	30	>20.0	210	70	90	55

SAMPLING RECORD

Material: FE	Depth : SURFACE	Sampled By / Logged By: GS
Map No : SE53-2	Laboratory Request No : NRO325	Date : 30/10/81
Line No : 38	From : 000	Photo No :
	To : 2500	Bearing : 85°

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648

PLOTTING RECORD

Map No's : 7001-9

Plotted By : D.A.B.

Section : NORTHERN REGION

Plan : LANSEN CK.

Scale : 1:25 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06722700					Hand Picked Lag	25	>20.0	120	70	50	35
22805					" "	25	>20.0	90	70	40	40
22905					" "	25	>20.0	70	70	50	45
23005					" "	30	>20.0	220	70	60	40
23105					" "	25	>20.0	350	70	30	40
23205					" "	25	>20.0	240	80	110	50
23305					" "	25	>20.0	130	80	60	45
23405					" "	25	>20.0	270	80	30	45
23505					" "	20	>20.0	290	70	30	40
23605					" "	25	>20.0	990	70	30	45
23705					" "	15	>20.0	160	60	20	35
23805					" "	20	>20.0	100	70	30	40
23905					" "	25	>20.0	80	70	100	50
24005					" "	25	>20.0	170	60	30	45
24105					" "	25	>20.0	130	100	40	50
24205					" "	20	>20.0	450	70	140	50
24305					" "	25	>20.0	170	70	70	50
24405					" "	25	>20.0	270	70	80	50
24505					" "	20	>20.0	350	80	190	45
24605					" "	25	>20.0	250	70	90	50
24705					" "	20	>20.0	260	80	40	50
24805					" "	20	>20.0	140	70	20	50
24905					" "	20	>20.0	300	70	50	35
25005					" "	20	>20.0	180	60	30	40
25105					" "	25	>20.0	310	70	210	45
25205					" "	30	>20.0	190	80	100	50
25305					" "	20	>20.0	260	80	60	45
25405					" "	20	>20.0	470	90	220	40
25505					" "	25	>20.0	270	90	180	55
WR06725600					Hand Picked Lag	30	>20.0	170	80	170	50

SAMPLING RECORD

Material: FE

Map No: SE53-2

Line No: 39

Depth: SURFACE

Laboratory Request No: NRO326

From: 000

To: 4000

Sampled Logged By: GS

Date: 1/11/81

Photo No:

Bearing: 85°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648

PLOTTING RECORD

Map No's:

Plotted By:

Section:

Plan:

Scale:

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0657				1500	Hand Picked Lag	25	>20.0	410	80	100	55
2 5 8				1550	" "	20	>20.0	240	60	60	45
2 5 9				1600	" "	35	>20.0	2450	90	3100	40
2 6 0				1650	" "	20	>20.0	590	60	160	40
2 6 1				1700	" "	20	>20.0	230	70	130	40
2 6 2				1750	" "	25	>20.0	390	60	40	50
2 6 3				1800	" "	20	>20.0	270	90	50	40
2 6 4				1850	" "	20	>20.0	200	60	30	55
2 6 5				1900	" "	25	>20.0	190	80	40	55
2 6 6				1950	" "	25	>20.0	270	70	100	50
2 6 7				2000	" "	15	>20.0	80	70	20	50
2 6 8				2050	" "	20	>20.0	230	80	70	40
2 6 9				2100	" "	20	>20.0	210	150	50	55
2 7 0				2150	" "	30	>20.0	310	70	70	50
2 7 1				2200	" "	25	>20.0	140	60	40	60
2 7 2				2250	" "	25	>20.0	300	70	140	50
2 7 3				2300	" "	15	>20.0	170	70	20	55
2 7 4				2350	" "	20	>20.0	170	70	110	55
2 7 5				2400	" "	15	>20.0	190	60	20	45
2 7 6				2450	" "	20	>20.0	240	70	40	50
2 7 7				2500	" "	20	>20.0	690	80	20	60
2 7 8				2550	" "	20	>20.0	280	80	40	50
2 7 9				2600	" "	25	>20.0	530	80	60	40
2 8 0				2650	" "	20	>20.0	210	80	50	45
2 8 1				2700	" "	20	>20.0	270	80	180	50
2 8 2				2750	" "	20	>20.0	130	70	20	40
2 8 3				2800	" "	20	>20.0	230	80	90	55
2 8 4				2850	" "	20	>20.0	80	80	20	45
2 8 5				2900	" "	20	>20.0	80	90	30	50
WR0682				2950	Hand Picked Lag	20	>20.0	90	70	30	35
1 2 3 4 5 6 7 8	°	10 11 12 13 14 15 16 17		18 19 20 21	22 23 24 25 26 27 28 29 30						

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled Logged By: GS
Map No: SE53-2
Laboratory Request No: NRO326
Date: 1/11/81
Line No: 39
From: 000
To: 4000
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's:
Plotted By:
Section:
Plan:
Scale:

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06728 7				3000	Hand Picked Lag	25	>20.0	110	70	60	45
2888				3050	" "	20	>20.0	140	80	150	50
2889				3100	" "	20	>20.0	290	80	70	50
2890				3150	" "	20	>20.0	480	80	70	50
2891				3200	" "	15	>20.0	120	70	30	45
2892				3250	" "	20	>20.0	130	80	30	50
2893				3400	" "	25	>20.0	520	70	40	50
2894				3450	" "	25	>20.0	180	80	60	65
2895				3500	" "	20	>20.0	350	70	90	40
2896				3550	" "	20	>20.0	130	70	150	55
2897				3600	" "	20	>20.0	200	80	100	55
2898				3650	" "	20	>20.0	250	80	80	45
	MISSING										
3000				3700	" "	30	>20.0	290	80	80	50
3001				3750	" "	25	>20.0	410	80	190	50
3002				3800	" "	20	>20.0	150	60	20	50
3003				3850	" "	30	>20.0	140	80	50	45
3004				3900	" "	25	>20.0	280	90	110	50
3005				3950	" "	15	>20.0	320	90	120	55
WR06730 6				4000	Hand Picked Lag	20	>20.0	130	90	40	50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: FE
Depth: SURFACE
Sampled By / Logged: GS
Map No: SE53-2
Laboratory Request No: NRO326
Date: 1/11/81
Line No: 39
From: 000
To: 4000
Photo No:
Bearing: 85°

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648

PLOTTING RECORD

Map No's:
Plotted By:
Section:
Plan:
Scale:

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip:
Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR06704		000			Hand Picked Lag	25	>20.0	180	40	40	50
05		200			" "	25	>20.0	190	60	50	50
06		250			" "	30	>20.0	1360	50	590	40
07		300			" "	25	>20.0	210	70	90	40
08		350			" "	25	>20.0	230	70	120	40
09		400			" "	20	>20.0	140	90	100	45
80		450			" "	20	>20.0	210	50	70	50
81		550			" "	20	>20.0	390	60	200	40
82		600			" "	25	>20.0	730	70	320	45
83		650			" "	25	>20.0	750	70	260	45
84		700			" "	20	>20.0	720	70	340	40
85		750			" "	25	>20.0	690	60	250	40
86		800			" "	20	>20.0	1070	60	480	35
87		850			" "	20	>20.0	930	60	400	40
88		900			" "	20	>20.0	620	70	270	45
89		950			" "	25	>20.0	760	50	410	35
90		1000			" "	25	>20.0	550	50	220	30
91		1050			" "	25	>20.0	1100	70	380	35
92		1100			" "	30	>20.0	530	60	320	30
93		1150			" "	30	>20.0	870	60	280	40
94		1200			" "	25	>20.0	800	70	260	35
95		1250			" "	30	>20.0	860	50	500	35
96		1300			" "	30	>20.0	13700	140	570	35
97		1350			" "	25	>20.0	1410	60	290	35
98		1400			" "	25	>20.0	1960	60	340	30
99		1450			" "	25	>20.0	1450	60	460	35
WR06710		1500			" "	25	>20.0	740	80	180	40
WR06720		1550			" "	30	>20.0	1490	90	560	35
02		1600			" "	45	>20.0	1480	90	510	50
WR06720		1650			" "	25	>20.0	650	90	220	40

SAMPLING RECORD

Material: FE

Map No: SE53-2

Line No: 40

Depth: SURFACE

Laboratory Request No: NRO325

From: 000

To: 2800

Sampled Logged By: GS

Date: 30/10/81

Photo No:

Bearing: 85°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648

PLOTTING RECORD

Map No's:

Plotted By:

Section:

Plan:

Scale:

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR0674204				1700	Hand Picked Lag	25	>20.0	610	90	250	45
2205				1750	" "	25	>20.0	510	80	440	40
2206				1800	" "	35	>20.0	560	70	580	30
2207				1850	" "	30	>20.0	730	80	290	35
2208				1900	" "	30	>20.0	640	70	650	40
2209				1950	" "	25	>20.0	480	50	160	25
2210				2000	" "	30	>20.0	1020	50	590	40
2211				2050	" "	30	>20.0	380	70	150	35
2212				2100	" "	25	>20.0	910	60	560	40
2213				2150	" "	15	8.2	100	20	40	5
2214				2200	" "	25	>20.0	450	70	200	35
2215				2250	" "	20	>20.0	490	80	220	35
2216				2300	" "	20	>20.0	480	70	100	35
2217				2350	" "	25	>20.0	500	80	140	35
2218				2400	" "	35	>20.0	2880	60	100	35
2219				2450	" "	30	>20.0	540	80	80	30
2220				2500	" "	30	>20.0	1110	80	190	25
2221				2550	" "	25	>20.0	680	80	230	45
2222				2600	" "	45	>20.0	1360	90	90	40
2223				2650	" "	20	>20.0	200	80	60	40
2224				2700	" "	25	>20.0	340	80	90	40
2225				2750	" "	30	>20.0	690	90	430	20
WR0672266				2800	Hand Picked Lag	30	>20.0	190	90	120	45

SAMPLING RECORD

Material: FE

Map No: SE53-2

Line No: 40

Depth: SURFACE

Laboratory Request No: NRO326

From: 000

To: 2800

Sampled By / Logged By: GS

Date: 30/10/81

Photo No:

Bearing: 85°

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648

PLOTTING RECORD

Map No's:

Plotted By:

Section:

Plan:

Scale:

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

[redacted] EXPLORATION DIVISION

[redacted] SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB10123 5		000				15	3.1	1180	20	30	5
2 3 6		050				10	3.6	70	20	40	<5
2 3 7		100				15	3.3	90	<10	60	<5
2 3 8		150				15	2.5	80	20	50	<5
2 3 9		200				15	4.2	110	20	60	<5
2 4 0		250				15	3.0	90	30	40	<5
2 4 1		300				20	6.9	140	20	120	5
2 4 2		350				15	3.5	60	20	50	<5
2 4 3		400				15	2.5	80	80	40	<5
2 4 4		450				30	>20.0	260	80	220	60
2 4 5		500				30	>20.0	300	10	270	65
2 4 6		550				15	2.2	80	20	30	<5
2 4 7		600				15	2.2	90	20	30	<5
2 4 8		650				15	6.0	140	20	40	5
2 4 9		700				15	2.6	80	20	40	<5
2 5 0		750				15	4.1	70	20	40	<5
2 5 1		800				10	2.1	30	20	30	<5
2 5 2		850				15	6.6	70	20	40	5
2 5 3		900				10	2.6	90	20	40	<5
2 5 4		950				20	2.9	90	20	50	<5
2 5 5		1000				20	3.0	90	20	60	<5
2 5 6		1050				25	17.3	130	20	70	30
2 5 7		1100				20	3.1	110	20	50	<5
2 5 8		1150				20	2.9	80	20	50	<5
2 5 9		1200				15	4.5	90	30	60	<5
2 6 0		1250				15	3.7	250	20	50	<5
2 6 1		1300				25	15.1	150	40	100	20
2 6 2		1350				15	3.1	90	20	50	<5
2 6 3		1400				15	3.3	100	20	50	<5
GB10126 4		1450				15	2.7	60	<10	30	5

SAMPLING RECORD

Material: B-Horizon	Depth: Surface	Sampled Logged By: GS & KT
Map No: SE53-2	Laboratory Request No: NR0002	Date: 11/8/81
Line No: 000	From: 000 To: 15600	Photo No: R3/196 Bearing:

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5

Plotted By: D.A.B.

Section: NORTHERN REGN

Plan: 7001-12

Scale: 1:50 000

DRILLING

Driller:

Date:

Drill Type:

R.L.:

Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB10126				1500		15	7.6	90	20	130	10
266				1550		15	2.5	130	10	140	5
267				1600		10	4.0	50	<10	50	10
268				1650		30	2.9	14800	<10	450	20
269				1700		15	1.9	130	<10	70	<5
270				1750		20	2.5	710	30	50	<5
271				1800		10	3.0	80	<10	50	5
272				1850		35	3.2	290	<10	70	5
273				1900		10	1.9	90	<10	40	<5
274				1950		30	5.1	240	10	90	<5
275				2000		10	2.3	60	10	40	<5
276				2050		15	2.0	50	10	40	<5
277				2100		10	2.2	50	10	50	<5
278				2150		15	2.5	60	10	50	<5
279				2200		10	2.7	40	<10	50	<5
280				2250		15	2.3	50	10	40	5
281				2300		25	2.9	60	10	60	<5
282				2350		25	3.3	60	<10	80	5
283				2400		25	2.4	50	<10	50	<5
284				2450		20	4.6	60	10	50	5
285				2500		20	2.4	100	<10	40	<5
286				2550		20	3.4	60	<10	40	5
287				2600		20	2.2	60	<10	50	5
288				2650		20	3.3	140	10	70	5
289				2700		15	2.4	30	<10	60	<5
290				2750		15	2.3	70	10	50	5
291				2800		25	4.4	70	10	50	10
292				2850		15	2.4	40	<10	40	5
293				2900		15	2.4	50	<10	80	<5
GB10294				2950		10	2.3	80	<10	40	<5

SAMPLING RECORD

Material: B-Horizon
Map No: SE53-2
Line No: 000
Depth: Surface
Laboratory Request No: NR0002
From: 000
To: 15600
Sampled Logged By: GS & KT
Date: 11/8/81
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan: 7001-12
Scale: 1:50 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Description	Cu	Fe	Mn	Pb	Zn	As
	Sample Co-ordinate N/S	Sample Co-ordinate E/W		Analytical Data					
GB10129 5		3000		10	1.9	90	10	30	<5
296		3050		10	2.6	200	<10	40	10
297		3100		15	2.7	890	20	120	<5
298		3150		15	16.8	180	20	90	30
299		3200		15	4.7	100	10	50	10
300		3250		10	1.5	50	<10	20	<5
301		3300		10	4.6	80	10	50	10
302		3350		15	12.0	160	10	70	20
303		3400		10	1.6	70	<10	20	<5
304		3450		10	1.8	50	10	20	<5
305		3500		5	2.4	60	10	30	<5
306		3550		10	1.6	40	<10	20	<5
307		3600		30	2.6	800	10	80	5
308		3650		15	2.4	80	<10	50	5
309		3700		15	2.5	70	10	40	<5
310		3750		15	1.9	40	<10	40	<5
311		3800		10	2.3	60	<10	60	5
312		3850		10	4.1	90	<10	50	10
313		3900		15	2.5	110	<10	70	5
314		3950		25	2.4	110	<10	50	5
315		4000		15	1.9	90	<10	40	5
316		4050		10	1.6	40	<10	20	5
317		4100		15	2.5	90	<10	60	5
318		4150		10	2.1	160	<10	40	5
319		4200		10	3.7	90	<10	60	10
320		4250		15	17.8	810	20	70	25
321		4300		25	>20.0	350	40	130	45
322		4350		25	>20.0	340	20	120	40
323		4400		15	2.7	120	<10	30	10
GB10324		4450		15	3.0	90	<10	50	5

SAMPLING RECORD

Material: B-Horizon	Depth : Surface	Sampled Logged By : GS & KT
Map No : SE53-2	Laboratory Request No NR0002	Date : 11/8/81
Line No : 000	From : 000 To : 15600	Photo No : R3/196 Bearing :

PROJECT

Region : NORTHERN

Project Name : LANSEN CREEK

Cost Code : 3648-630

PLOTTING RECORD

Map No's : 5965-5

Plotted By: D.A.B.

Section: NORTHERN REGN

Plan : 7001-12

Scale: 1:50 000

DRILLING

Driller :

Date :

Drill Type :

R.L. :

Dip : Az. :

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM / TO — Sample Co-ordinate N/S	E/W	Description	Analytical Data Cu	Fe	Mn	Pb	Zn	As
GB10135		4500		15	3.4	80	<10	70	
3236		4550		15	9.4	120	10	80	20
3237		4600		15	3.0	60	<10	50	10
3238		4650		15	1.5	120	<10	40	
3239		4700		10	1.6	20	<10	20	
3330		4750		15	1.7	50	<10	40	
3331		4800		10	2.0	30	<10	30	
3332		4850		15	2.0	70	<10	30	
3333		4900		10	2.1	70	<10	40	
3334		4950		25	2.5	820	<10	70	15
3335		5000		10	2.4	50	10	20	
3336		5050		10	2.0	40	<10	20	10
3337		5100		15	2.6	80	<10	60	
3338		5150		25	2.3	70	<10	50	
3339		5200		10	2.2	90	<10	50	
3340		5250		15	12.0	230	10	70	20
3341		5300		15	2.2	70	<10	40	
3342		5350		10	1.9	10	<10	20	
3343		5400		10	1.7	80	<10	10	
3344		5450		15	2.5	70	<10	50	
3345		5500		15	2.3	70	<10	50	
3346		5550		15	2.7	130	<10	50	
3347		5600		20	2.5	60	<10	50	
3348		5650		10	1.7	120	<10	20	
3349		5700		10	1.8	30	<10	20	
3350		5750		15	2.2	60	<10	30	
3351		5800		10	2.4	40	<10	80	10
3352		5850		10	3.1	60	<10	30	10
3353		5900		10	1.3	30	<10	30	
GB10354		5950		15	2.1	110	<10	30	

SAMPLING RECORD

Material: B- Horizon
Depth: Surface
Sampled By / Logged: GS & KT
Map No: SE53-2
Laboratory Request No: NR0002
Date: 11/8/81
Line No: 000
From: 000 15600
To:
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan: 7001-12
Scale: 1:50 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

Sample Number	Drill Depth FROM or TO / Sample Co-ordinate N/S E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB 10135	6000		15	1.7	40	<10	20	5
3536	6050		10	1.7	40	<10	10	5
3537	6100		25	18.4	260	20	120	35
3538	6150		15	1.1	60	<10	20	5
3539	6200		20	4.1	60	<10	80	10
3540	6250		30	>20.0	180	10	140	45
3541	6300		30	>20.0	230	10	130	45
3542	6350		20	2.3	50	<10	50	5
3543	6400		15	2.2	110	<10	40	5
3544	6450		25	2.4	60	<10	40	5
3545	6500		15	2.1	50	<10	40	5
3546	6550		25	6.3	70	<10	60	15
3547	6600		25	2.3	70	<10	40	5
3548	6650		25	2.4	70	<10	60	5
3549	6700		15	3.2	50	<10	50	5
3570	6750		15	2.9	80	<10	30	10
3571	6800		10	1.7	80	<10	30	5
3572	6850		10	5.0	90	<10	30	10
3573	6900		10	0.4	20	<10	<10	<5
3574	6950		15	2.6	80	<10	30	5
3575	7000		25	15.8	150	<10	90	35
3576	7050		15	2.1	70	<10	30	5
3577	7100		15	1.7	70	<10	30	5
3578	7150		25	3.5	80	10	40	10
3579	7200		15	2.2	60	10	20	10
3580	7250		15	1.7	50	<10	30	15
3581	7300		20	2.1	60	<10	40	5
3582	7350		15	1.9	110	<10	40	5
3583	7400		15	1.2	50	<10	20	<5
GB 10138 4	7450		15	1.7	50	<10	30	5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: B-Horizon
Map No: SE53-2
Line No: 000
Depth: Surface
Laboratory Request No: NR0002
From: 000
To: 15600
Sampled By / Logged By: GS & KT
Date: 11/8/81
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan: 7001-12
Scale: 1:50 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

[redacted] SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB10138 5				7500		20	2.0	80	<10	30	5
3 8 6				7550		15	2.5	50	<10	50	10
3 8 7				7600		25	3.2	590	<10	60	5
3 8 8				7650		20	2.0	70	<10	40	5
3 8 9				7700		25	1.9	90	<10	40	5
3 9 0				7750		25	3.5	200	<10	20	10
3 9 1				7800		25	2.3	70	<10	40	5
3 9 2				7850		25	1.7	40	<10	30	5
3 9 3				7900		25	1.9	50	<10	50	5
3 9 4				7950		25	3.7	80	<10	50	10
3 9 5				8000		15	2.1	120	10	40	5
3 9 6				8050		15	1.9	100	10	30	5
3 9 7				8100		25	2.4	70	<10	50	5
3 9 8				8150		25	4.6	140	10	60	10
3 9 9				8200		35	>20.0	560	40	160	40
4 0 0				8250		10	1.8	50	10	30	5
4 0 1				8300		10	1.6	70	<10	30	5
4 0 2				8350		10	1.5	50	<10	20	<5
4 0 3				8400		15	6.5	80	10	40	15
4 0 4				8450		10	2.0	100	20	50	5
4 0 5				8500		10	1.7	90	30	50	5
4 0 6				8550		10	4.1	70	20	50	10
4 0 7				8600		10	1.5	40	20	40	5
4 0 8				8650		10	1.3	60	20	40	5
4 0 9				8700		10	1.8	80	20	40	5
4 1 0				8750		10	2.3	90	20	50	5
4 1 1				8800		10	8.1	90	40	50	20
4 1 2				8850		10	1.4	60	20	30	5
4 1 3				8900		15	1.7	40	20	30	5
GB10141 4				8950		10	1.5	50	20	30	5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: B-Horizon
Depth: Surface
Sampled By / Logged: GS & KT
Map No: SE53-2
Laboratory Request No: NR0002
Date: 11/8/81
Line No: 000
From: 000
To: 15600
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan:
Scale: 1:50 000

DRILLING

Driller:
Drill Type:
R.L.:
Dip:
Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB10141 5				9000		15	2.0	50	20	50	5
4 1 6				9050		15	2.9	30	30	40	10
4 1 7				9100		25	4.6	1000	30	90	10
4 1 8				9150		15	2.2	110	20	50	5
4 1 9				9200		10	1.6	70	30	20	5
4 2 0				9250		15	1.9	50	20	40	5
4 2 1				9300		15	14.0	140	40	80	25
4 2 2				9350		15	4.3	90	30	50	10
4 2 3				9400		20	5.3	80	30	70	10
4 2 4				9450		15	2.3	50	30	40	5
4 2 5				9500		20	2.8	130	30	70	5
4 2 6				9550		15	2.3	60	20	70	5
4 2 7				9600		30	2.8	130	30	70	15
4 2 8				9650		15	2.1	50	30	30	10
4 2 9				9700		15	2.1	50	30	40	10
4 3 0				9750		25	12.7	150	40	80	30
4 3 1				9800		15	2.2	50	20	50	5
4 3 2				9850		25	2.5	110	30	60	5
4 3 3				9900		15	2.2	70	20	40	5
4 3 4				9950		15	2.2	110	20	50	5
4 3 5				10000		15	2.9	250	30	60	<5
4 3 6				10050		10	2.2	70	30	40	5
4 3 7				10100		10	2.4	110	20	50	5
4 3 8				10150		25	2.9	60	30	60	5
4 3 9				10200		15	3.8	340	30	50	10
4 4 0				10250		10	2.3	80	20	30	5
4 4 1				10300		15	2.4	80	30	40	5
4 4 2				10350		15	2.4	70	20	30	5
4 4 3				10400		10	1.6	70	20	30	5
GB10144 4				10450		10	2.3	20	30	10	5

SAMPLING RECORD

Material: B-Horizon
Depth: Surface
Sampled By / Logged By: GS & KT
Map No: SE53-2
Laboratory Request No: NR0002
Date: 11/8/81
Line No: 000
From: 000
To: 15600
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan:
Scale: 1:50 000

DRILLING

Drills:
Date:
Drill Type:
R.L.:
Dip:
Az.:
N/S
E/W

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	Drill Depth TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB101445				10500		15	1.9	60	30	30	5
4446				10550		15	2.1	60	40	40	5
4447				10600		10	1.7	40	30	30	<5
4448				10650		10	2.4	80	30	30	5
4449				10700		10	2.1	60	30	30	5
4450				10750		10	1.8	60	30	30	5
4451				10800		15	2.1	100	10	50	5
4452				10850		15	2.0	40	10	60	<5
4453				10900		15	1.9	40	<10	50	5
4454				10950		15	1.9	50	<10	50	<5
4455				11000		15	2.4	90	<10	60	5
4456				11050		10	1.8	70	10	40	<5
4457				11100		10	2.0	120	<10	60	<5
4458				11150		10	2.1	140	10	60	5
4459				11200		15	2.1	70	10	60	<5
4460				11250		15	2.7	160	10	70	5
4461				11300		15	2.2	90	10	50	<5
4462				11350		15	3.0	120	10	60	5
4463				11400		10	1.8	70	<10	40	<5
4464				11450		5	1.6	30	<10	40	5
4465				11500		10	1.9	40	10	40	<5
4466				11550		10	1.9	70	<10	50	5
4467				11600		10	4.1	90	<10	60	10
4468				11650		5	1.7	100	<10	40	5
4469				11700		10	2.1	50	<10	40	<5
4470				11750		10	1.9	30	<10	50	5
4471				11800		5	2.7	40	<10	40	5
4472				11850		5	1.8	100	<10	50	<5
4473				11900		10	3.0	60	<10	40	10
GB101474				11950		10	1.9	50	<10	40	<5

SAMPLING RECORD

Material: B-Horizon
Depth: Surface
Sampled By / Logged: GS & KT
Map No: SE53-2
Laboratory Request No: NR0002
Date: 11/8/81
Line No: 000
From: 000
To: 15600
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan:
Scale: 1:50 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM or TO — Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB101475		12000		10	2.1	50	<10	50	5
4 7 6		12050		10	2.6	140	<10	60	5
4 7 7		12100		10	2.8	140	<10	70	5
4 7 8		12150		5	1.4	50	10	30	<5
4 7 9		12200		5	2.4	60	10	50	5
4 8 0		12250		10	2.2	30	10	50	<5
4 8 1		12300		5	1.8	40	10	50	5
4 8 2		12350		5	2.0	80	10	40	<5
4 8 3		12400		5	2.2	30	10	30	5
4 8 4		12450		10	2.0	70	10	40	5
4 8 5		12500		10	3.6	80	10	50	10
4 8 6		12550		10	4.2	70	10	50	10
4 8 7		12600		5	1.5	40	10	40	5
4 8 8		12650		10	2.2	50	10	40	5
4 8 9		12700		10	2.5	120	20	60	5
4 9 0		12750		10	3.1	150	20	30	5
4 9 1		12800		10	2.4	60	20	50	5
4 9 2		12850		5	2.3	130	20	50	5
4 9 3		12900		5	1.9	120	10	40	<5
4 9 4		12950		10	2.4	90	10	40	5
4 9 5		13000		5	2.7	100	10	40	5
4 9 6		13050		5	1.5	60	10	30	5
4 9 7		13100		10	1.5	60	10	20	<5
4 9 8		13150		15	2.2	80	20	40	<5
4 9 9		13200		15	2.2	70	20	40	<5
GB101500		13250		10	2.2	70	10	30	5
GB101540		13300		5	0.8	20	<10	<10	<5
5 4 1		13350		15	2.2	70	10	40	<5
5 4 2		13400		10	3.0	50	20	30	5
GB101543		13450		15	2.2	130	10	40	<5

SAMPLING RECORD

Material: B-Horizon	Depth: Surface	Sampled By / Logged: GS & KT	
Map No: SE53-2	Laboratory Request No: NR0002	Date: 11/8/81	
Line No: 000	From: 000	Photo No: R3/196	
	To: 15600	Bearing:	

PROJECT

Region: NORTHERN

Project Name: LANSEN CREEK

Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5

Plotted By: D.A.B.

Section: NORTHERN REGN

Plan:

Scale: 1:50 000

DRILLING RE

Driller

Date:

Drill Type:

R.L.:

Dip: Az.:

N/S

E/W

Ho

No

[redacted] EXPLORATION DIVISION

[redacted] SAMPLE RECORD

Sample Number	Drill Depth FROM	or TO	Sample Co-ordinate N/S	Sample Co-ordinate E/W	Description	Analytical Data Cu	Fe	Mn	Pb	Zn	As
GB101544				13500		10	2.2	70	10	30	<5
545				13550		15	2.5	100	20	40	<5
546				13600		15	1.8	40	10	30	<5
547				13650		10	2.0	110	10	30	<5
548				13700		10	2.3	150	10	30	<5
549				13750		15	2.5	160	30	40	<5
550				13800		10	3.5	110	10	30	5
551				13850		15	2.4	220	20	30	<5
552				13900		15	2.8	120	20	40	<5
553				13950		10	2.1	30	20	20	<5
554				14000		15	9.1	110	20	50	20
555				14050		10	5.7	80	10	40	10
556				14100		10	1.7	90	10	20	<5
557				14150		10	1.7	60	10	20	<5
558				14200		10	2.8	50	<10	30	5
559				14250		15	3.4	50	30	50	10
560				14300		10	3.0	40	20	30	5
561				14350		15	2.4	60	20	40	<5
562				14400		5	0.9	20	10	10	<5
563				14450		10	2.7	140	20	30	5
564				14500		5	1.4	180	10	20	<5
565				14550		5	1.6	120	10	20	<5
566				14600		5	1.8	260	10	20	<5
567				14650		10	2.9	120	20	30	5
568				14700		10	1.8	50	20	30	<5
569				14750		10	2.5	40	20	20	<5
570				14800		20	13.5	80	30	70	30
571				14850		10	3.6	80	10	30	5
572				14900		15	2.3	40	20	40	<5
GB101573				14950		10	2.0	50	10	30	<5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: B-Horizon
Map No: SE53-2
Line No: 000
Depth: Surface
Laboratory Request No: NR0002
From: 000
To: 15600
Sampled By / Logged: GS & KT
Date: 11/8/81
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan:
Scale: 1:50 000

DRILLING

Driller:
Date:
Drill Type:
R.L.:
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
GB101574				15000		5	1.7	80	10	20	<5
575				15050		5	1.5	50	10	10	<5
576				15100		5	1.5	40	10	20	<5
577				15150		10	3.6	50	20	40	5
578				15200		10	2.0	60	10	30	<5
579				15250		5	1.8	20	10	20	<5
580				15300		10	2.3	30	20	40	<5
581				15350		5	1.4	40	10	10	<5
582				15400		10	1.7	60	20	20	<5
583				15450		10	2.2	70	10	20	5
584				15500		15	9.5	100	20	50	20
585				15550		15	2.4	150	10	30	5
GB101586				15600		10	2.3	60	10	100	<5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: B-Horizon
Depth: Surface
Sampled By / Logged: GS & KT
Map No: SE53-2
Laboratory Request No: NR0002
Date: 11/8/81
Line No: 000
From: 000
To: 15600
Photo No: R3/196
Bearing:

PROJECT

Region: NORTHERN
Project Name: LANSEN CREEK
Cost Code: 3648-630

PLOTTING RECORD

Map No's: 5965-5
Plotted By: D.A.B.
Section: NORTHERN REGN
Plan:
Scale: 1:50 000

DRILLING R

Driller
Date:
Drill Type:
R.L.:
Dip: Az.:
N/
E/
Ho
N

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
DA119761			LINE 28	750E	Thinly interbedded ferning & silic.sdsh(lam)	40		890	40	330	5
DA117001			Lansen Ck. Approx.		Thinly bedded to laminated heavily oxidized	10			10	50	25
002			position: 5965-023-918		fissile ssld with sparse ferruginous	15			10	80	20
003					laminae after ?pyrite (ufg)	15			10	50	20
DA117004					" " "	20			10	80	25
AA657101					Line 28 330mE	60	>20.0	62000	20	350	15
102					"	25	>20.0	147000	20	190	20
103					"	55	>20.0	52000	10	320	10
104					"	15	4.8	7900	10	10	LLD
105					"	15	3.3	4100	<10	10	LLD
106					"	15	6.8	56000	10	180	LLD
113			SHOWN ON 7001-12		Limonite arenite	10	3.4	150	<10	<10	5
114			"		Mn rich siltstone	55	>20.0	63000	<10	90	75
115			"		" " "	35	>20.0	58000	40	70	75
116			"		Algol chert with Mn staining	20	13.9	2000	40	10	20
117			"			25	>20.0	40	<10	10	20
118			"		Jasperoid chert - Roper Group?	25	3.1	780	30	10	5
119			"		" " " "	30	11.6	9400	10	120	5
121			"		" " " "	30	5.6	3400	10	120	5

1 2 3 4 5 6 7 8 | 9 10 11 12 13 14 15 16 17 18 19 20 21 | 22 23 24 25 26 27 28 29 30

SAMPLING RECORD

Material: Rock Chip
Depth :
Sampled By / Logged :
Map No :
Laboratory Request No :
Date :
Line No : VARIOUS
From : .....
To : .....
Photo No : .....
Bearing : .....

PROJECT

Region : NORTHERN
Project Name : LANSEN CREEK
Cost Code : 3648

PLOTTING RECORD

Map No's :
Plotted By:
Section:
Plan :
Scale:

DRILLING

Driller:
Date : 1981 field programme.
Drill Type :
R.L. :
Dip: Az.:

EXPLORATION DIVISION

SAMPLE REPORT

Sample Number	Drill Depth FROM	TO	Sample Co-ordinate N/S	E/W	Description	Cu	Fe	Mn	Pb	Zn	As
WR067862					S/Sed. sample from Stream draining from S.E. 150m south of 2350mE Trav. 6.	50	>20.0	6000	110	190	50
WR067887					S/Sed. sample from Stream draining from South 1500mE on Trav. 6.	50	>20.0	780	70	110	45
WR067888					S/Sed. sample from stream draining Masterton Fm. 130mN of 450mE Trav. 7.	35	>20.0	490	70	120	45
WR067889					Fe & Mn Rich siltstone surface rubble V. limited 650mE Trav.7.	95	>20.0	2800	40	600	20
WR067890					Surface Festone 650 mE Trav. 7.	40	>20.0	1250	70	280	35
WR067891					Repeat sample 1850 mE Trav. 7	50	>20.0	3000	60	110	25
WR067892					" " " " " Exact Location as prev. Anomalous as sample.	50	>20.0	380	70	90	35
WR067893					S/Sed. sample from Dingo Creek where it crosses Dozed Line SEE 1:100,000 5965.	45	>20.0	160	70	80	45
WR067894					S/Sed. sample from stream 1 km West of	60	>20.0	150	90	120	50

APPENDIX 2

LANSEN CREEK I.P. PROFILES

and

PERCUSSION SECTIONS

LEGEND

- Laterite
- K — Undifferentiated lower Cretaceous sediments
- €b — Lower Cambrian Sandstone / Bulcalara Sst.

(Pr) ROPER GROUP
- Pra — Arnold Sandstone Members
- Pr — Undifferentiated sediments
- Prr — Crawford Formation
- Pru — Mainoru Formation
- Pri — Limmen Sandstone

(Pm) McARTHUR GROUP

BALBIRINI DOL. EQUIV.
- Balbirini Dolomite — Stott Form; Smythe Sst

BATTEN SUB-GROUP
- Pmj — Yalco Formation
- Pmn — Lynott Formation
- Unconformity — Hammer Ck Member

UMBAGOOLA SUB-GROUP
- Pmj — Reward Dolomite
- Pmq — Barney Ck Formation
- Pm — Teena Dolomite
- Pme — Emmerugga Dolomite
- Pmt — Tooganinnie Formation
- Pmx — Wurramana Sst - Tatoola Sst
- Pmq — Amelia Dolomite
- Pml — Mallapunyah Formation

KOOKABURRA FORMATION / UPPER VIZARD FORMATION / VIZARD FORMATION

(Pt) TAWALLAH GROUP
- Ptn — Masterton Formation; Felsic Volcanic Member; Wollogorang Formation
- Ptr — Rosie Ck Sandstone
- Ptl — Sly Ck Sandstone
- Pty — Yiyintyi Sandstone

SHEET INDEX

5665	5765	5865	5965	6065	6165
	TANUMBIRINI SE 53-2			BAUHINIA DOWNS SE 53-3	
5664	5764	5864	5964	6064	6164

CR82/090

WESTERN MINING CORPORATION LIMITED

GEOLOGICAL OUTCROP PLAN E.L. 2715 - LANSEN CREEK.

MAP REFERENCE SE 53-2 SE 53-3	SCALE 1 : 50 000	
MAPPED/COMPILED S.H. Sept 81	PLAN NO 7001-12	FIG NO. 1.
DRAWN J.H. Dec '81		
REVISED J.H. 22.1.82.		
ORIGINAL AT PASADENA SA		

STRATIGRAPHIC SECTION AS EXPOSED IN CREEK

Scl and al-Sct

4m — Well-bedded Sdsl and Sst

1.5m — al-Sct with large (50cm) stromatolites (purple)

Snd

Lansen Creek

Eight Mile Creek

Five Mile Spring

Eight Mile Spring

Munmin Waterhole

Old Tanumbirini SBM 168

Horse Paddock Lagoon

Burash Waterhole

Peter Yard BM 190

BM 196

BM 198

BM 209

Crooked Creek

Cat Creek

October Creek

Parson Creek

Fault

Unconformity

Basal Pr

Surface

Contact

Boundary

Track

Line

Fence

Ridge

Creek

TANUMBIRINI

Five Mile Spring

Eight Mile Spring

Four Mile Creek

Old Tanumbirini

Munmin Waterhole

Eight Mile Creek

Crooked Creek

Cleared line

Lansen Creek

October Creek

Peter Yard BM 190

BM198

BM 209

Samples collected at 50m intervals along LANSEN CK. creekbed.
(Nos. GE101501 - 559 Not included)
GE101230 (B Horizon 1st sample)
GE101560 (B Horizon last sample).

T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40

T7.8 T8.0 T8.2

SHEET INDEX

5665	5765	5865	5965	6065	6165
	TANUMBIRINI SE 53-2		BAUHINIA DOWNS SE 53-3		
5664	5764	5864	5964	6064	6164

CR82/090

WESTERN MINING CORPORATION LIMITED

SUMMARY PLAN
E.L. 2715 - LANSEN CREEK.

MAP REFERENCE. 5665, 5965,	SCALE. 1:50 000	
MAPPED/COMPILED.	PLAN NO. 7001-13	FIG. NO. 2.
DRAWN. D.A.B. 15.10.81.		
REVISED. D.A.B. 22.1.82		
ORIGINAL AT PASADENA S.A.		

I.P/TEM LINES SHOWN HERE

WHERE ARE THE R.O.H LOC^S ?

8 227 000 mN

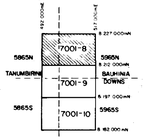
492 000mE | 497 000mE | 502 000mE | 507 000mE | 512 000mE | 517 000mE

222 000mN

217 000mN

8 212 000 mN

T4



CR 82/090

WESTERN MINING CORPORATION LIMITED

GEOCHEMICAL SURVEY
E.L. 2715 LANSEN CREEK
NORTHERN TERRITORY

MAP REFERENCE 5965N, 5955N	SCALE 1:25 000	
MAPPED/COMPILED R.H./B.S. 6.7.82	PLAN N° 7001-8	FIG N° 3
DRAWN D.A.D. 10.8.82		
REVISED D.A.D. 29.11.82		
ORIGINAL AT PASADENA S. Aust.		

8 212 000 mN

492 000mE

497 000mE

502 000mE

507 000mE

512 000mE

517 000mE

207 000mN

202 000mN

8 197 000 mN

T6

T30

T31

T32

T33

T7

T34

T35

T8

T9

T36

T10

T11

T37

T39

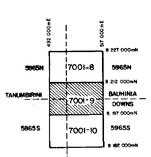
T12

T38

T40

G.N.

4° 30' W.M.N.



CR82/090

WESTERN MINING CORPORATION LIMITED

GEOCHEMICAL SURVEY E.L.2715 LANSEN CREEK NORTHERN TERRITORY

MAP REFERENCE 5965, 5965N,S	SCALE.	1:25 000	
MAPPED/COMPILED P.H/G.S 6.7.82			
DRAWN D.A.B. 10.8.82	PLAN N°	7001-9	FIG N° 4
REVISED D.A.B. 20.1.83			
ORIGINAL AT PM.SADDIM S.Aust.			

8 197 000 mN

492 000mE

497 000mE

502 000mE

507 000mE

512 000mE

517 000mE

192 000mN

187 000mN

8 182 000 mN

T13

T14

T15

T16

T17

T18

T19

T20

T21

T22

T23

T24

T25

T26

T27

T28

T29

135°00'

G.N.

M.N.

7001-8

7001-9

7001-10

5865N

5965N

TANUMBIRINI

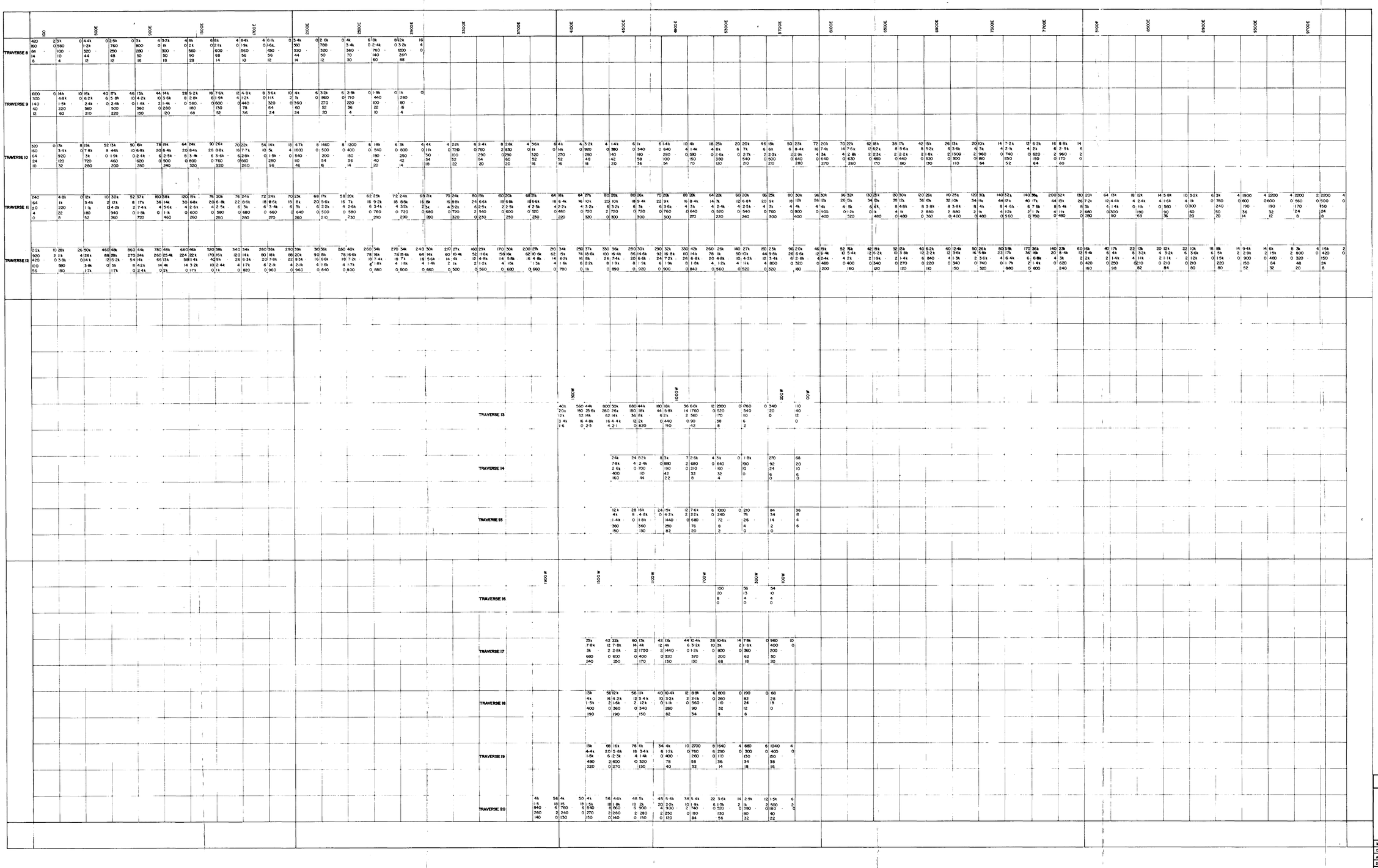
SALVINIA DOWNS

CR 82/090

WESTERN MINING CORPORATION LIMITED

GEOCHEMICAL SURVEY
E.L. 2715 LANSEN CREEK
NORTHERN TERRITORY

MAP REFERENCE 5665-S, 5935-S	SCALE 1:25 000
MAPPED/COMPILED PH/GS 5.7.81	
DRAWN D.A.B. 10.8.81	PLAN Nº 7001-10
REVISED D.A.B. 20.1.82	FIG.Nº 5
ORIGINAL AT PASADENA S.Aust.	



CR82/090

WESTERN MINING CORPORATION LIMITED

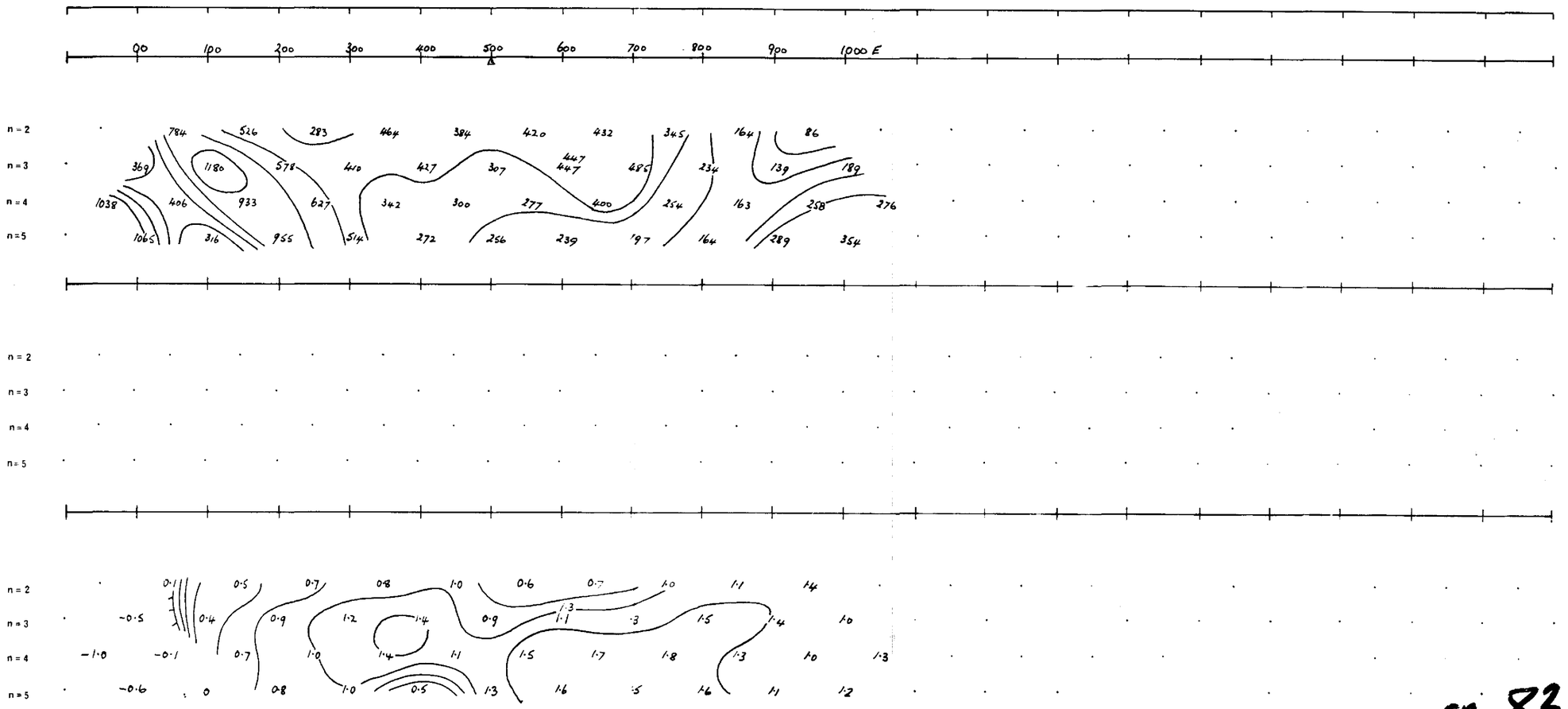
LANSEN CREEK
T.E.M. RESULTS - 200m LOOPS

$\frac{e(t)}{I}$ IN $\frac{\mu V}{A}$ FIG. 6

MAP REFERENCE: 5253-2 & 3	AMENDMENTS	DATE	DRAWN BY
DATE COMPILED: SEPTEMBER, 1981			
AUTHOR: F.W. LINDEMAN			
DRAWN BY: B.D.	ORIGINAL AT: 68 DALYST, BELMONT, W.A.		
SCALE: 1:10 000	SHEET OF PLAN No 7001-11		

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



ρ_a (Ωm)

Mf$_a$

F.E. (%)

I.P. Anomaly : ⊢—⊣ ⊢—

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100

Dipole Size _____

Reference _____

Approved FL

Date 8.7.81

I.P. Unit R.I. 102e FT 10

Frequency 3.0 - .03 Hz

Current 0.3 - 0.4 A

Field Sheet 11-12

CR 82/090

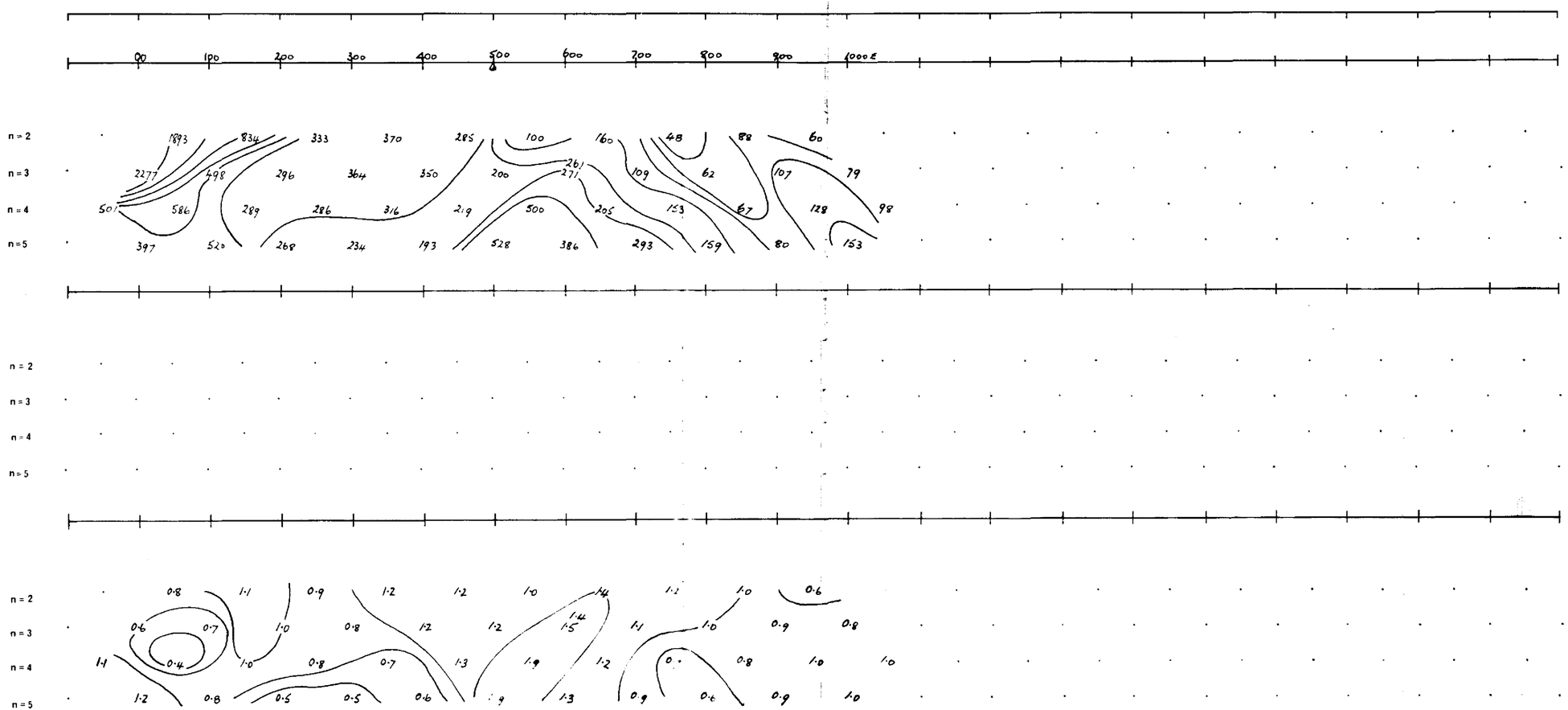
LINE 4

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size _____

Reference _____

Approved FL

Date 9.7.82

I.P. Unit Rx 1020 FT 10

Frequency 3.0 - 0.3 Hz

Current Various

Field Sheet 13-14

LINE 5

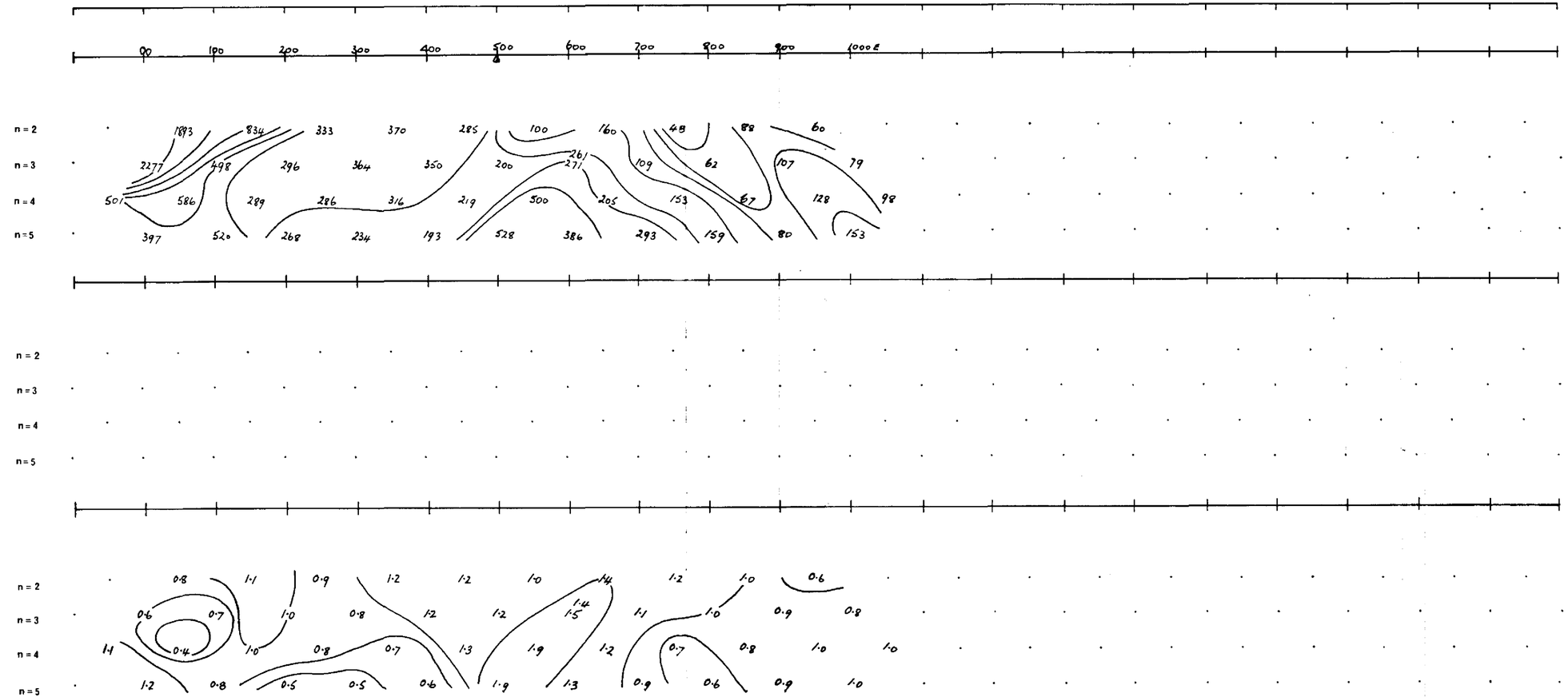
LOCALITY Lansen Creek

CR 82/090

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



ρ_a (Ωm)

Mf_a

F.E. (%)

I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size _____

Reference _____

Approved FL

Date 2.7.82

I.P. Unit Rx 1020 FT 10

Frequency 3.0 : 0.3 Hz

Current Various

Field Sheet 13-14

LINE 5

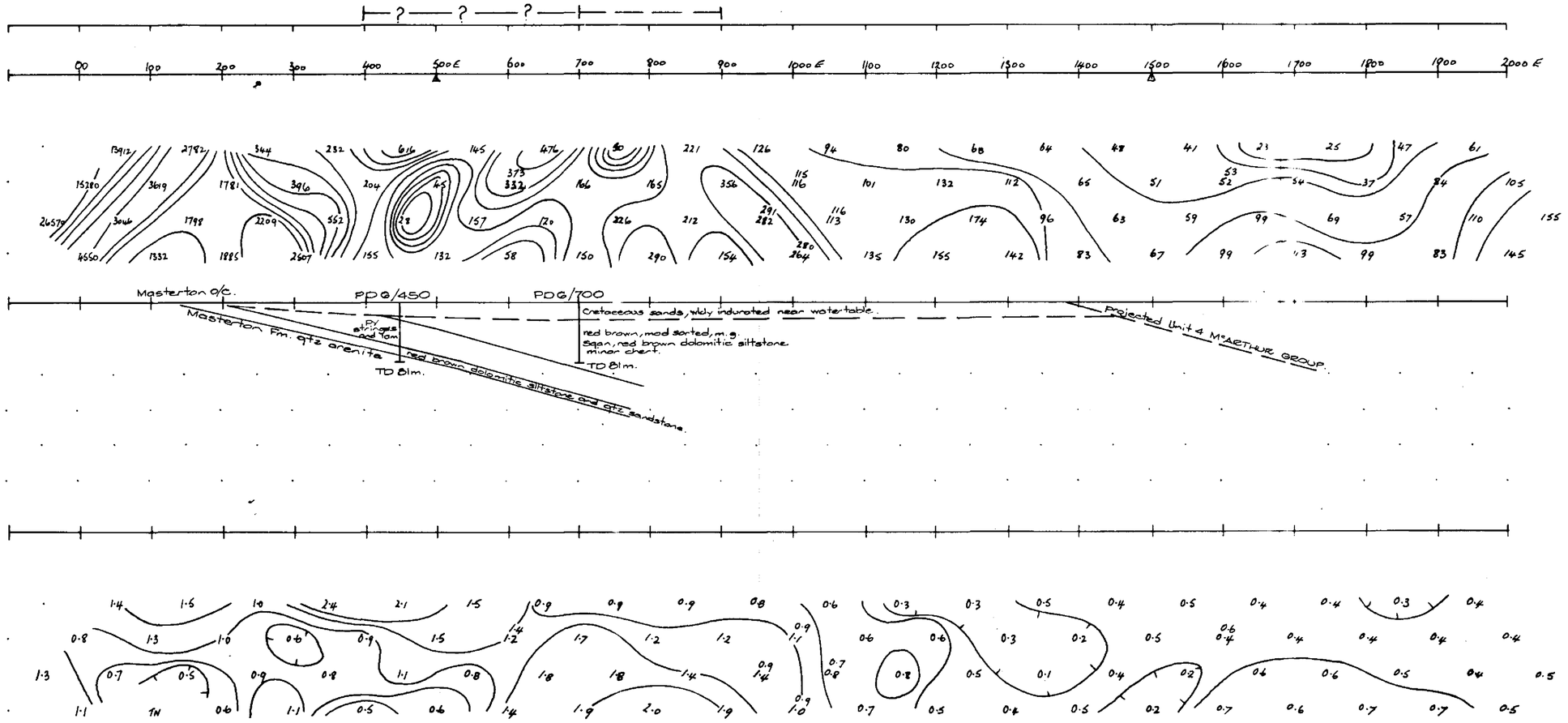
LOCALITY Lansen Creek

CR 82/090

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——
Contour Interval : Logarithmic
Linear Graph scale : 2 cms = 100m
Dipole Size _____

Reference _____
Approved FL
Date 6-7-81
I.P. Unit Rx 1020 FT-10
Frequency 3.0 + 0.3 Hz
Current Various
Field Sheet 5-8

CR82/1090

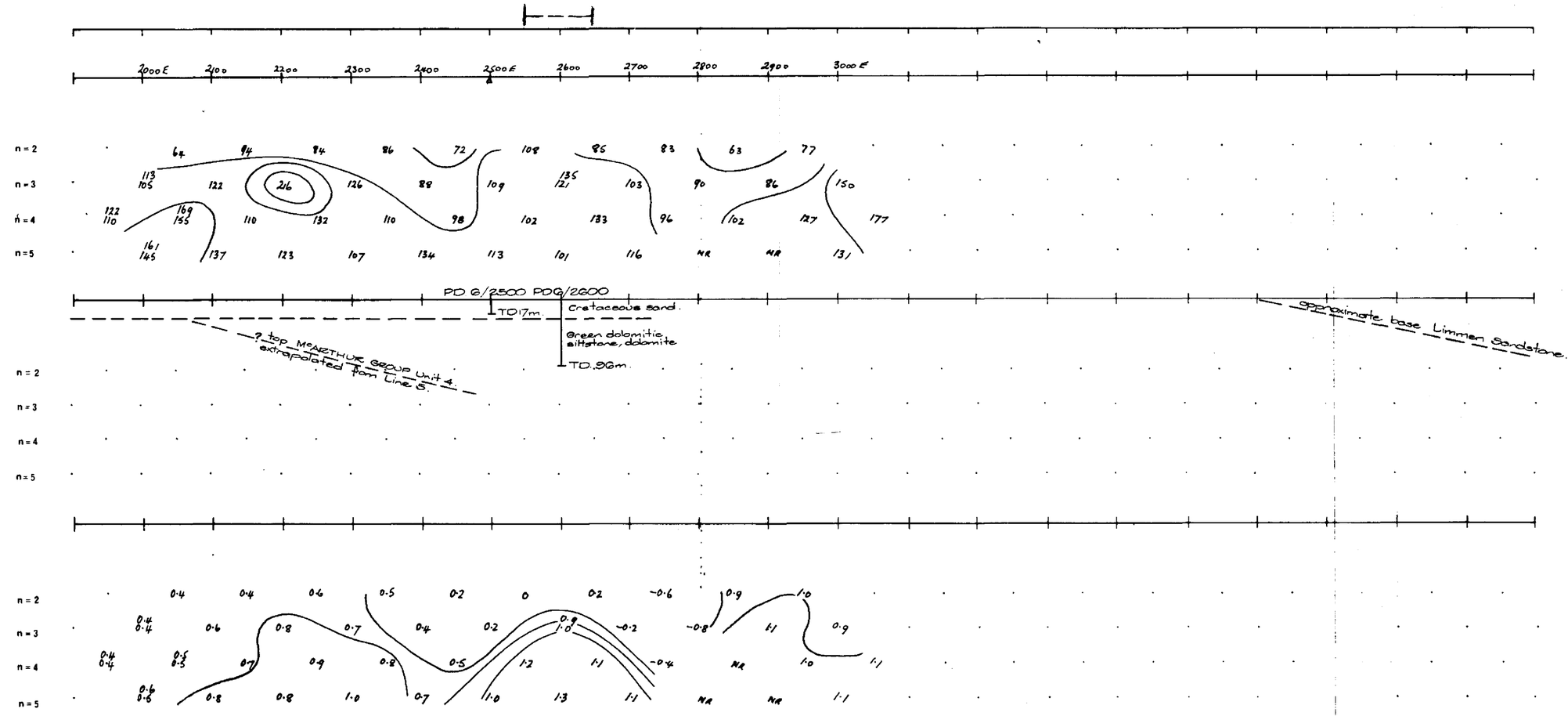
LINE 6
LOCALITY LANSEN CREEK

Drilling and Geology added D.A.D. 22/10/82

7001-18

Western Mining Corporation Limited

FORM 193



INDUCED POLARIZATION AND RESISTIVITY SURVEY

I.P. Anomaly :

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m.

Dipole Size _____

Reference _____

Approved F.L.

Date 7/7/81

I.P. Unit Rs 1030 FT 10

Frequency 3.0 : 0.3 Hz

Current Varies

Field Sheet 9-10

CR82/1090

LINE 6

LOCALITY LANSEN CREEK

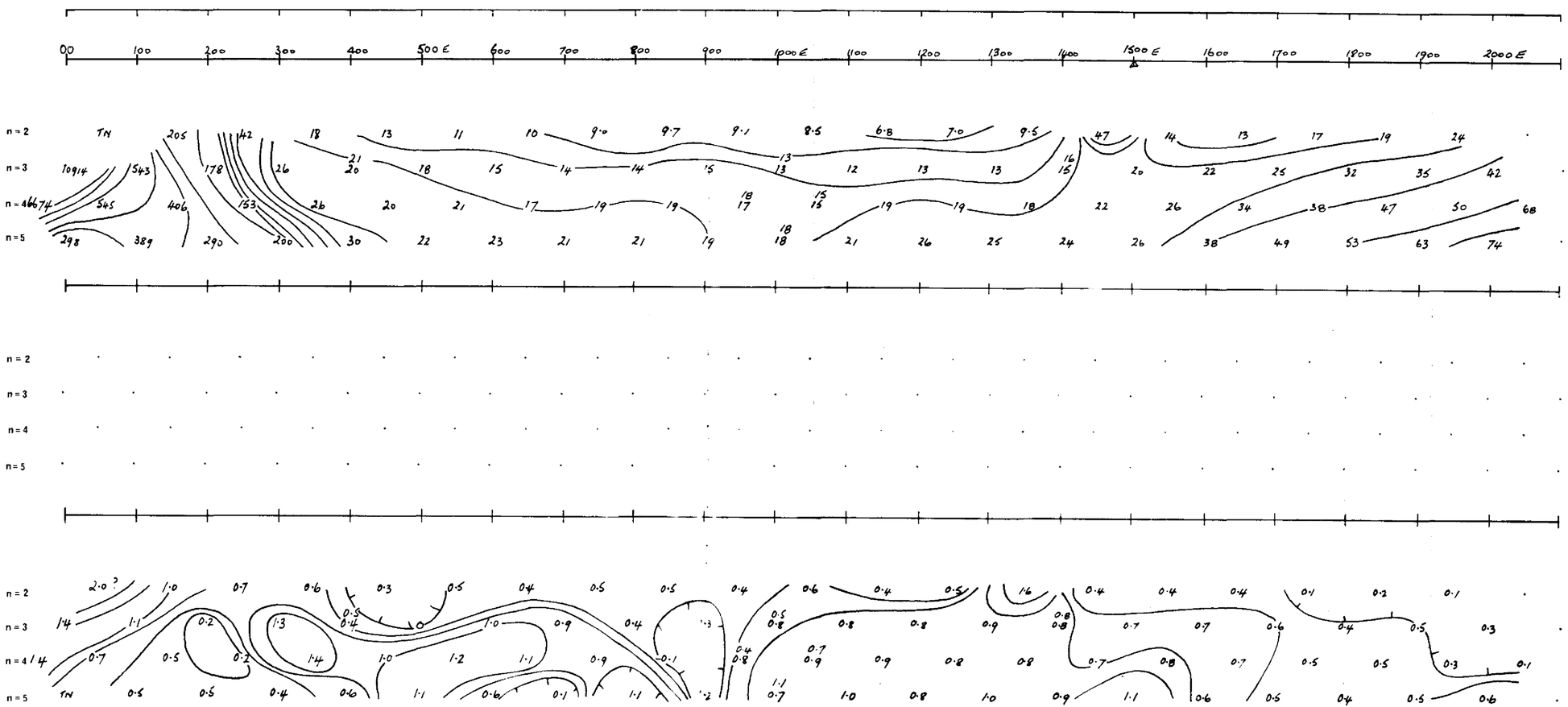
Drilling and Geology added D.A.D. 22.1.82

7001-19

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢–⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100m.

Dipole Size _____

Reference _____

Approved F.L.

Date 5-7-81

I.P. Unit Ry 1020 RT 10

Frequency 3.0 & 0.3 HZ

Current Various

Field Sheet 1-4

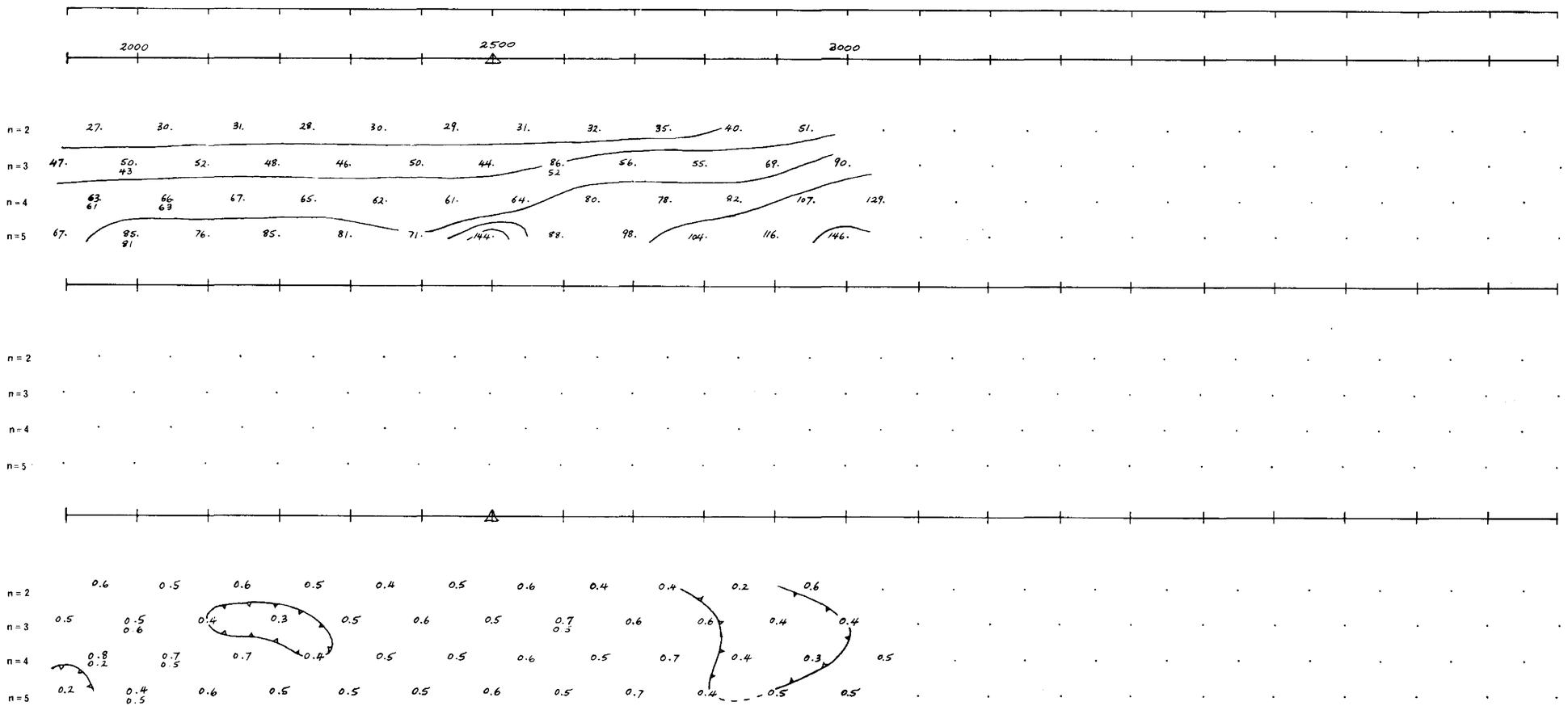
LINE 7.

LOCALITY Langen Creek

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 22 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5 A

Field Sheet 3 & 4

CR 82/090

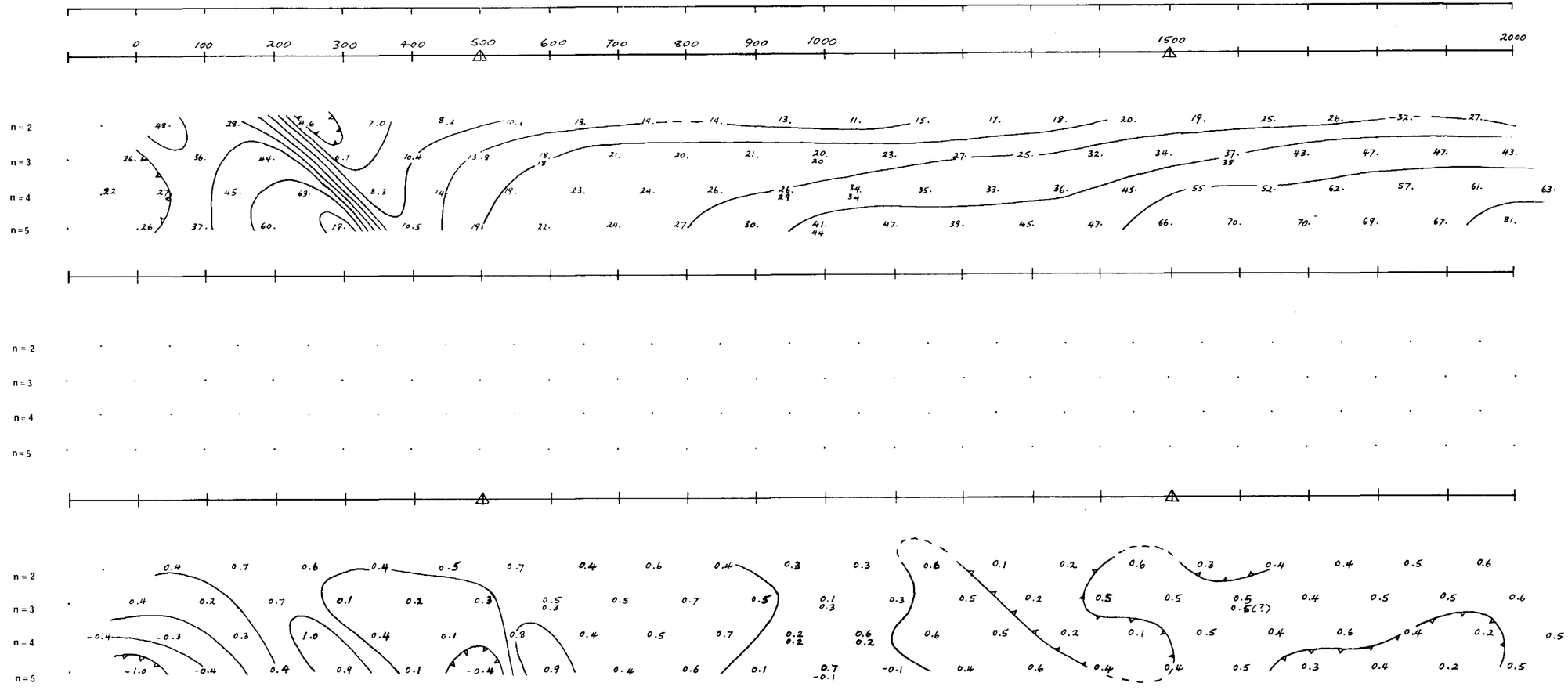
LINE 9

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100m

Dipole Size 100 m

Reference

Approved

Date 21 & 22 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5 A

Field Sheet 34, 35, 1, 2

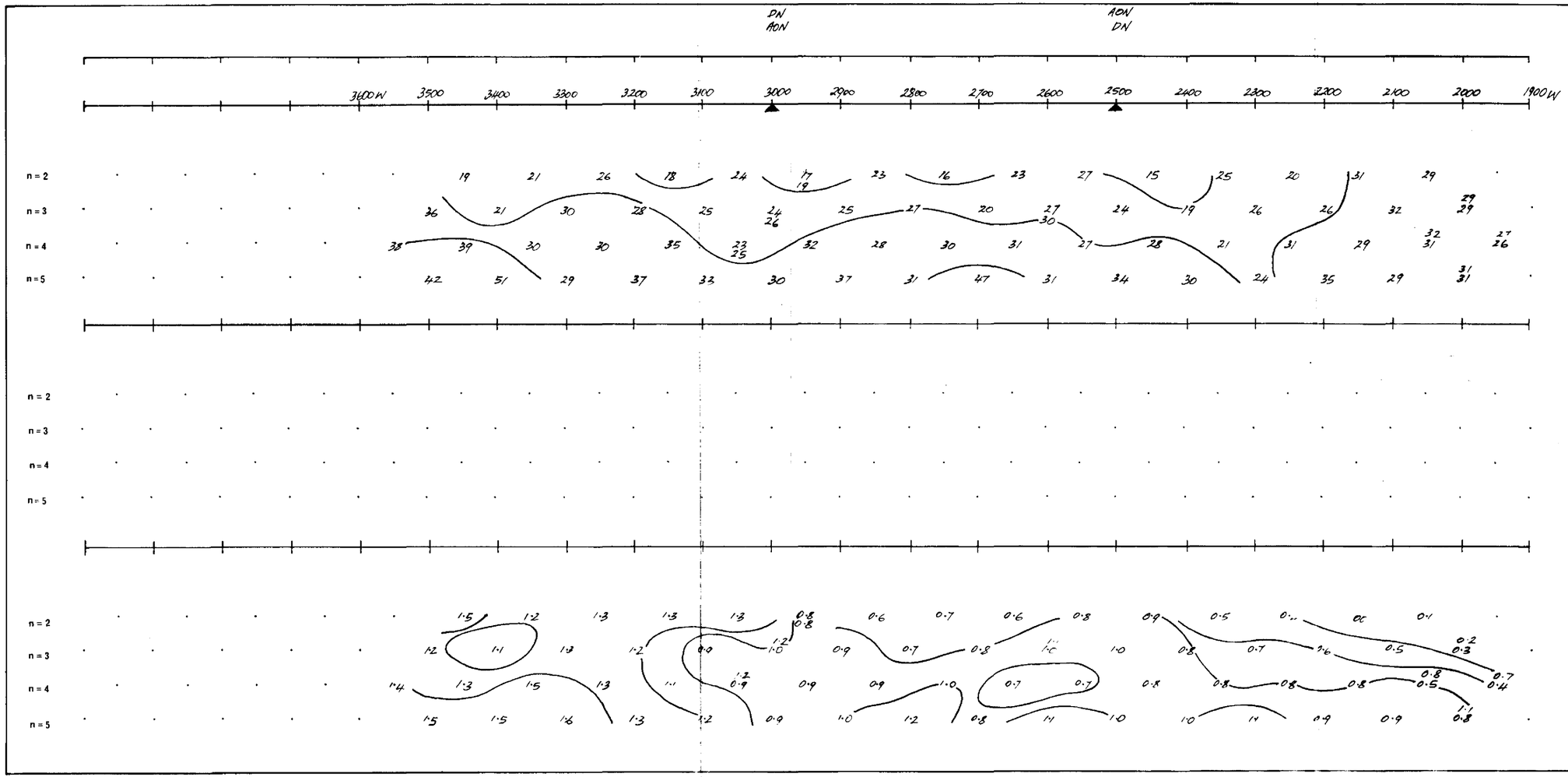
CR82/1090

LINE 9

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193



INDUCED POLARIZATION AND RESISTIVITY SURVEY

I.P. Anomaly : ⊢—⊣ ⊢—

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 14-7-1981

I.P. Unit RVA01-1016 TX ET 10A

Frequency 30+0.3%

Current 60-1000mA

Field Sheet 1B2A-3B

CR82/090

LINE TRAVERSE 19

LOCALITY LANSEN CREEK

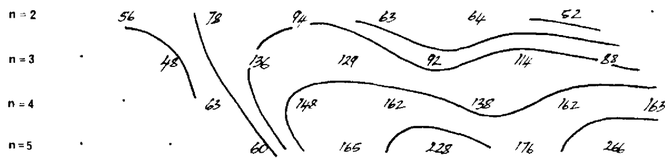
FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY

AON
CA.

1900 2000 2100 2200 2300 2400 2500E

ρ_a (Ωm)



I.P. Anomaly : ⊢—⊣ ⊢———⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms –

Dipole Size 100 Metres

Mf_a

Reference

Approved

Date 20-7-81

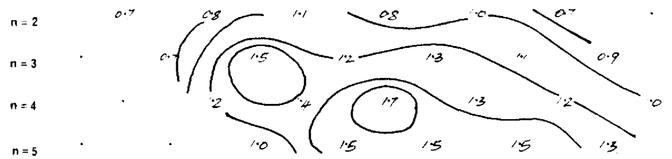
I.P. Unit RX 401 : 1026 P. ELIOA

Frequency 30 & 0.3 cps

Current 0.3 - 80 amps

Field Sheet 15 B

F.E. (%)



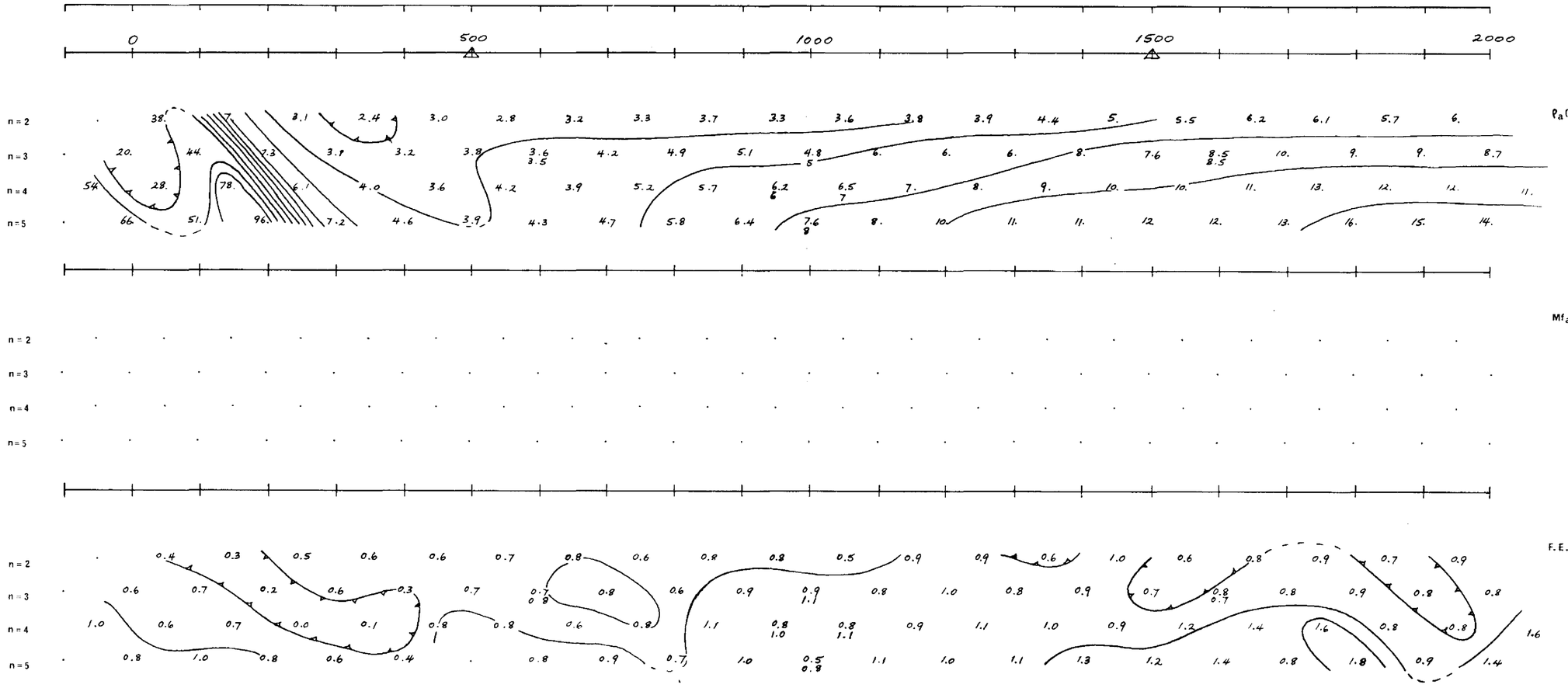
LINE Traverse 22

LOCALITY Lansen Creek

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly
Contour Interval : Logarithmic
Linear Graph scale : 2 cms = 100m
Dipole Size 100m

Reference
Approved
Date 7 OCT 1981
I.P. Unit R401 T2800
Frequency 0.3, 3
Current 1.5 A
Field Sheet 14, 15, 16, 17

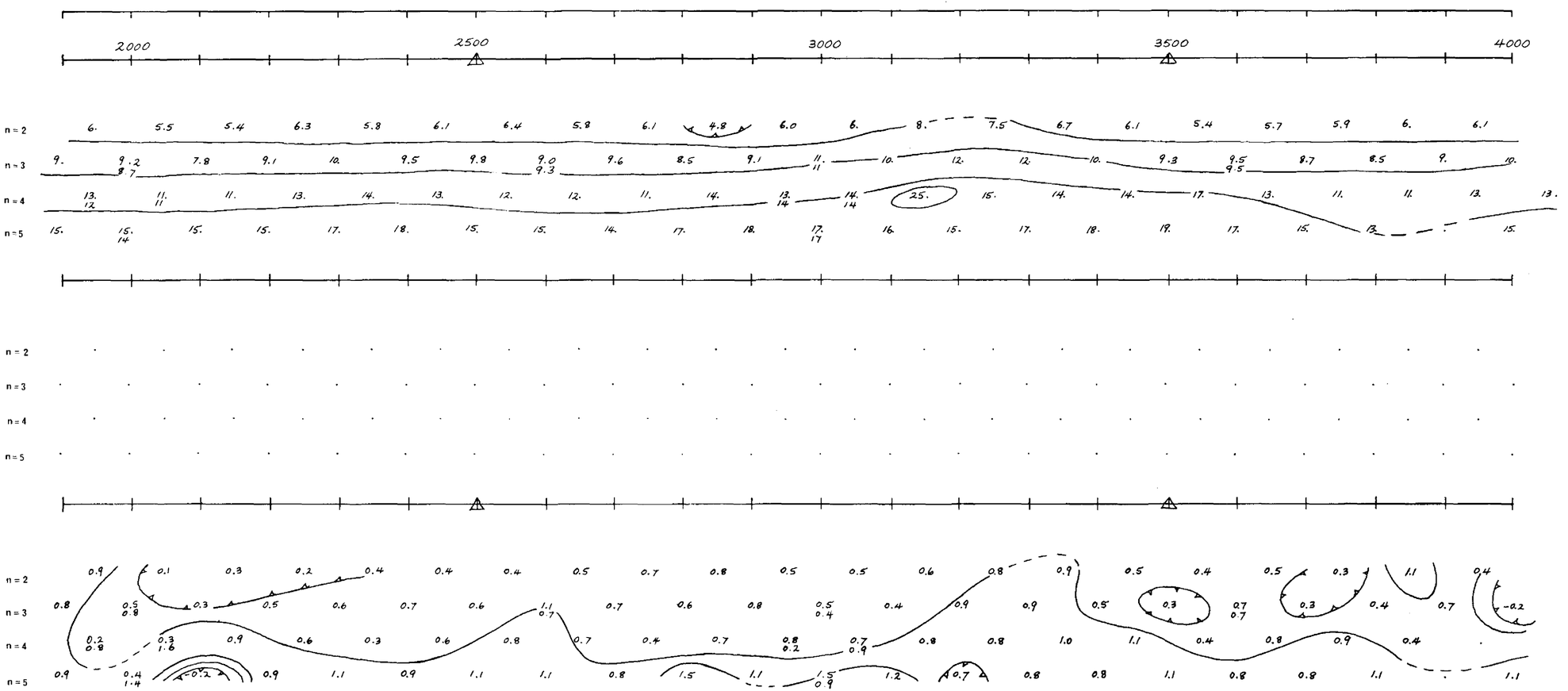
CR 82/090

LINE 12
LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢–⊣ ⊢–⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 8 Oct 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5 A

Field Sheet 18, 19, 20, 21

CR 82 1090

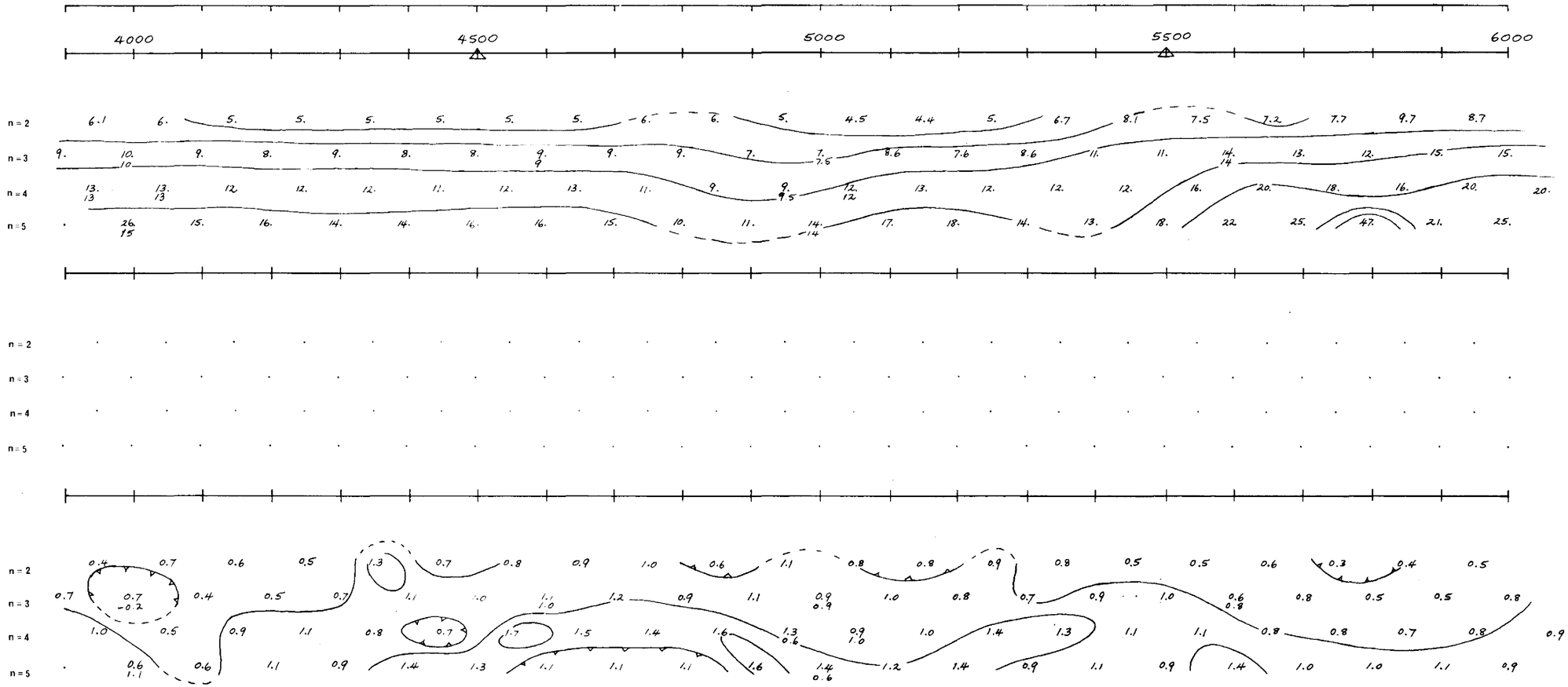
LINE 12

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 9 Oct 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 0.9, 1.5 A

Field Sheet 22, 23, 24, 25

CR 82/090

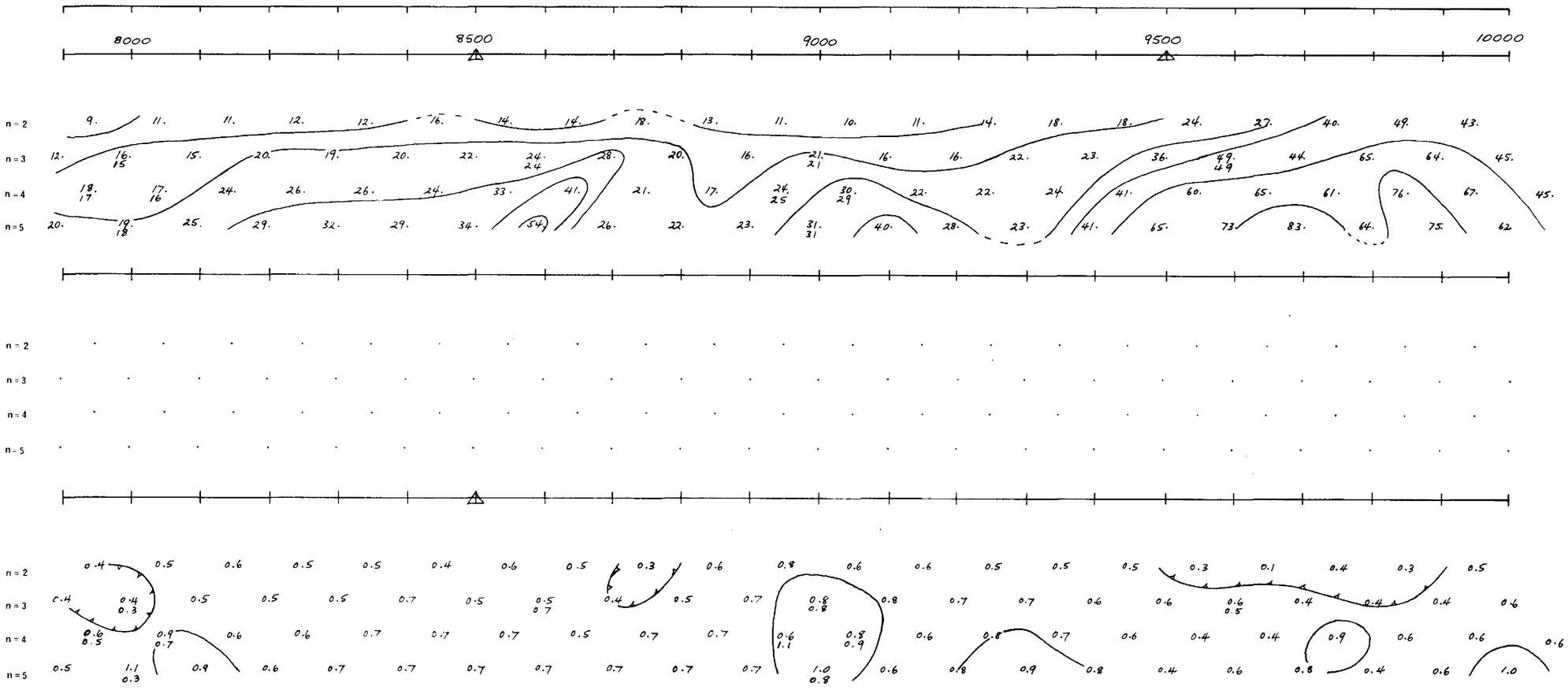
LINE 12

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100m

Dipole Size 100 m

Reference

Approved

Date 11 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5

Field Sheet 30, 31, 32, 33

CR 82/090

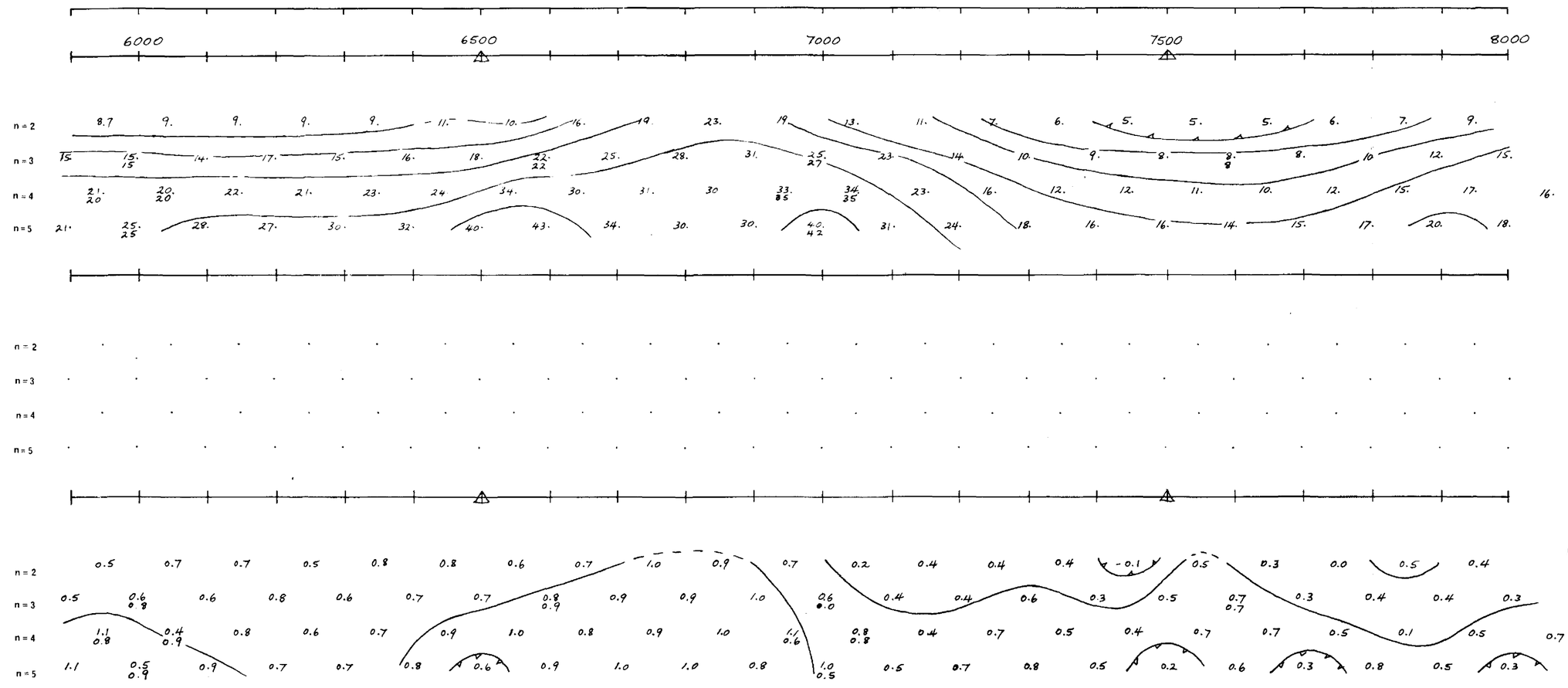
LINE 12

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 10 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3 3

Current 1.5 A

Field Sheet 26, 27, 28, 29

CR 82/1090

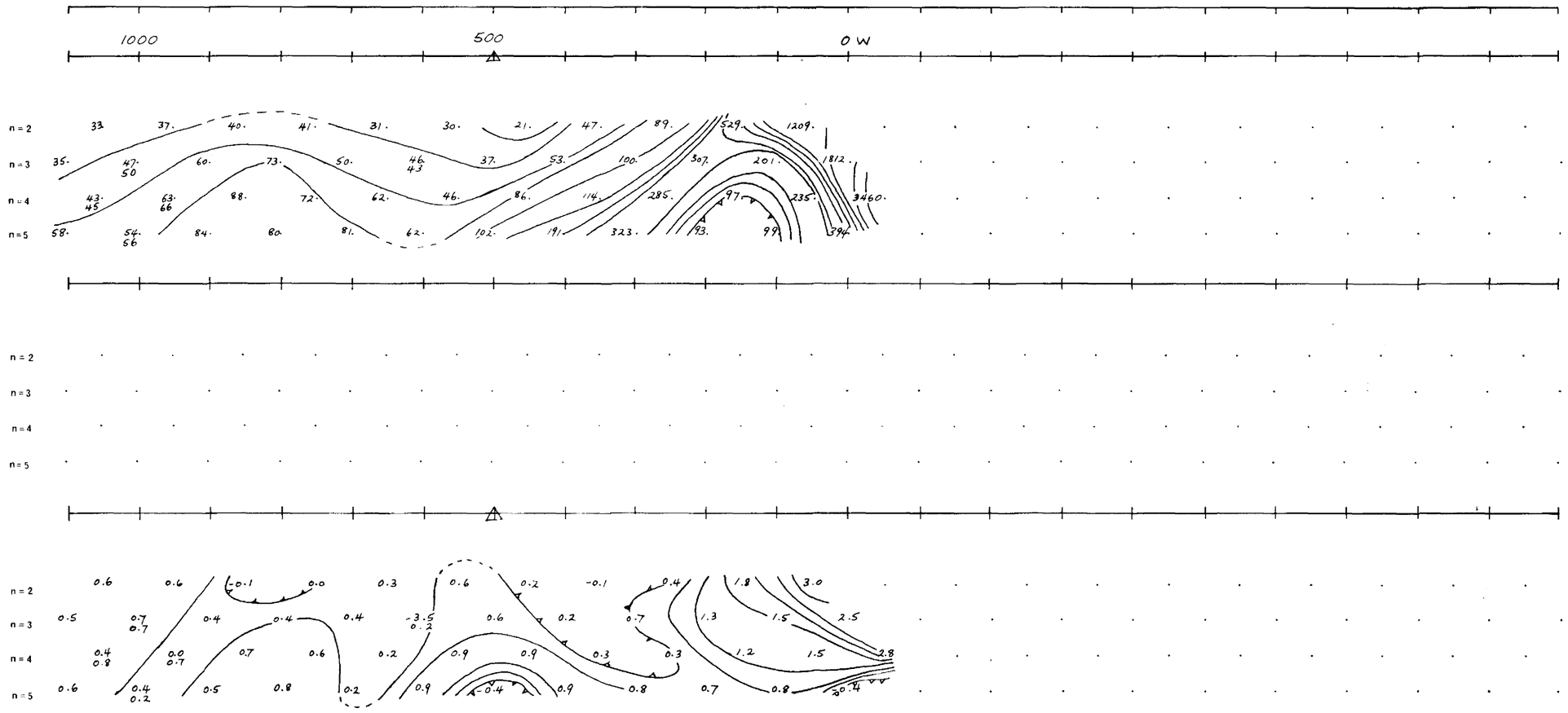
LINE 12

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 3 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3 3

Current 1.5

Field Sheet 1, 2

CR 82/1090

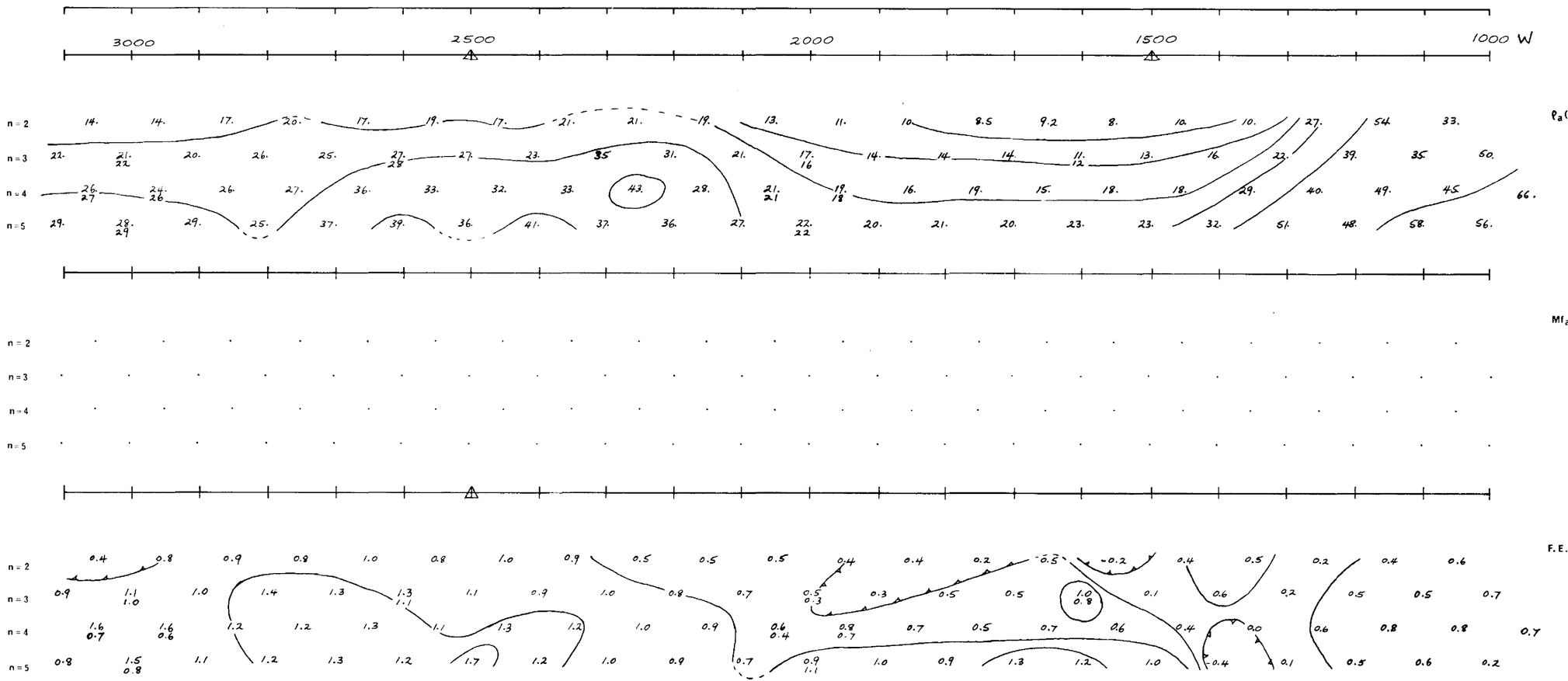
LINE 14

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100 m

Dipole Size 100 m

Reference

Approved

Date 5 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5

Field Sheet 3, 4, 5, 6

CR 82/090

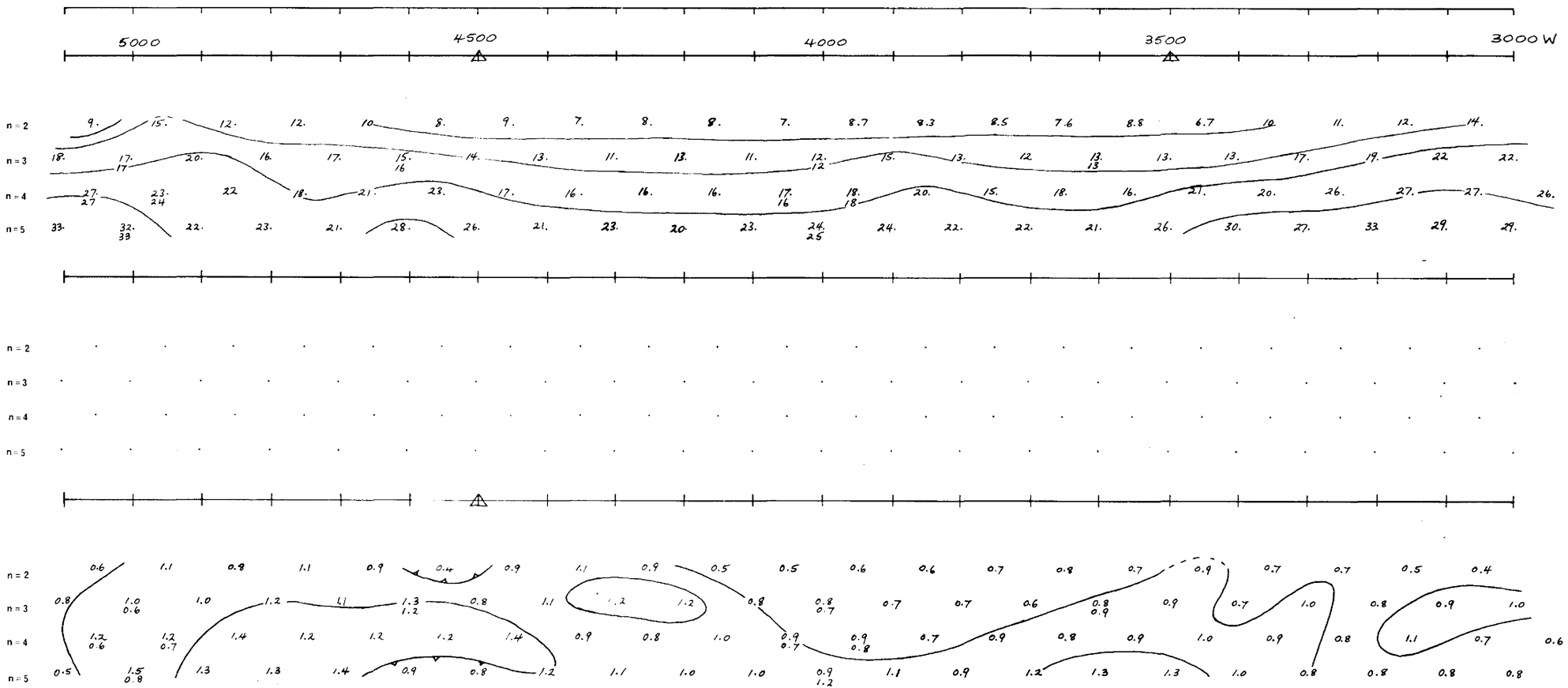
LINE 14

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢–⊣ ⊢–⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100m

Dipole Size 100 m

Reference

Approved

Date 5 OCT 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5

Field Sheet 7, 8, 9, 10

CR 82/090

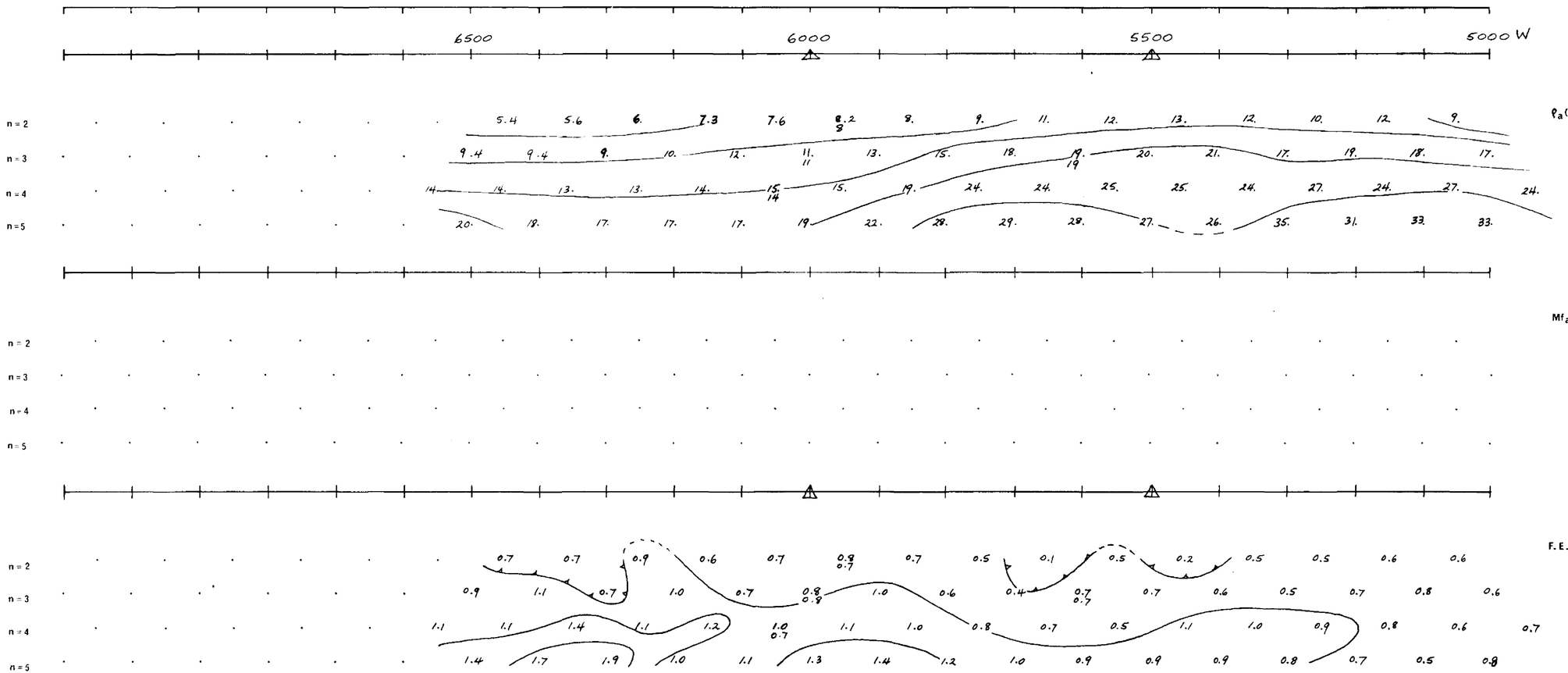
LINE 14

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢–⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = 100m

Dipole Size 100 m

Reference

Approved

Date 6 Oct 1981

I.P. Unit R401 T2800

Frequency 0.3, 3

Current 1.5

Field Sheet 11, 12, 13

CR 82/090

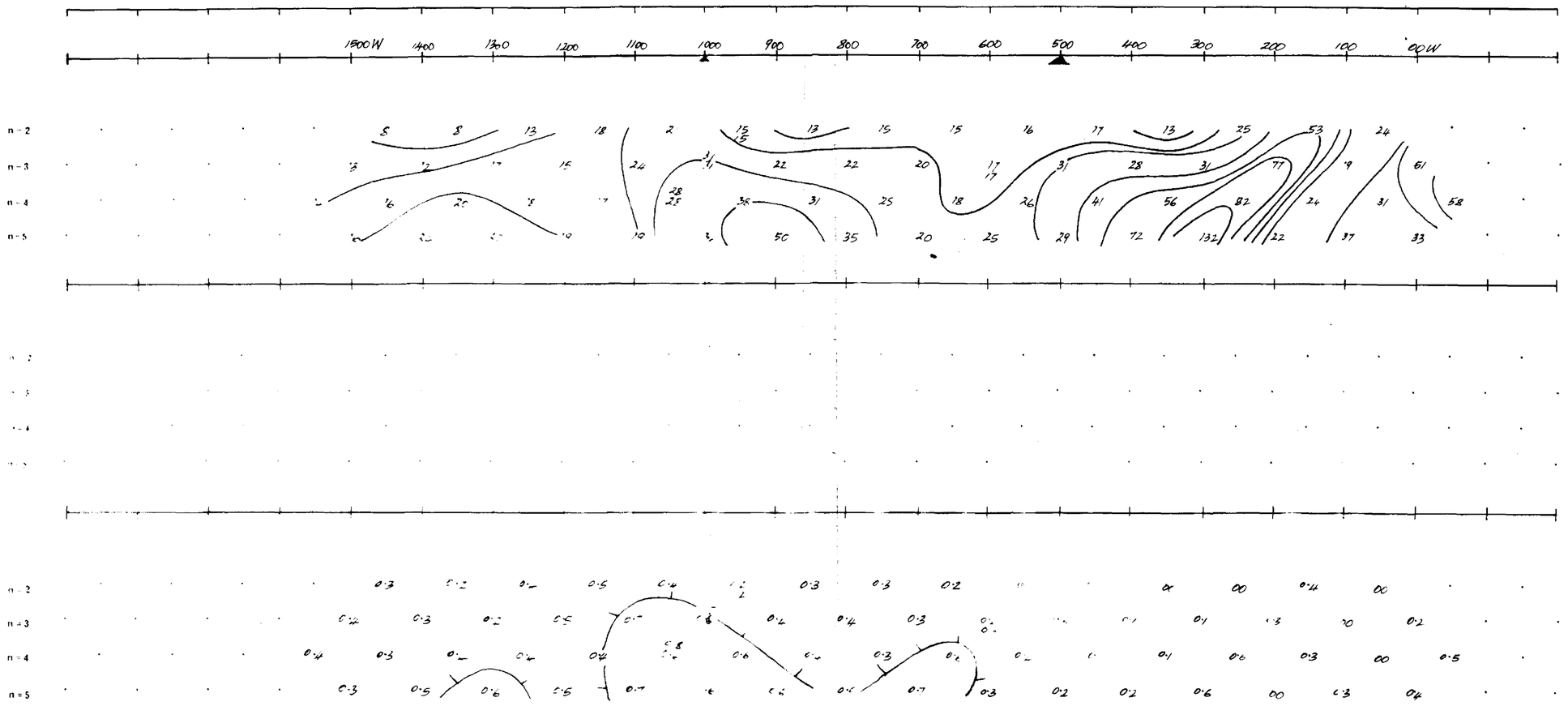
LINE 14

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 17-7-1981

I.P. Unit AX40/1026 FTDA

Frequency 3.0 ± 0.3 cps

Current 1 – 10 amps

Field Sheet 88 98 ± 108

CR 82/1090

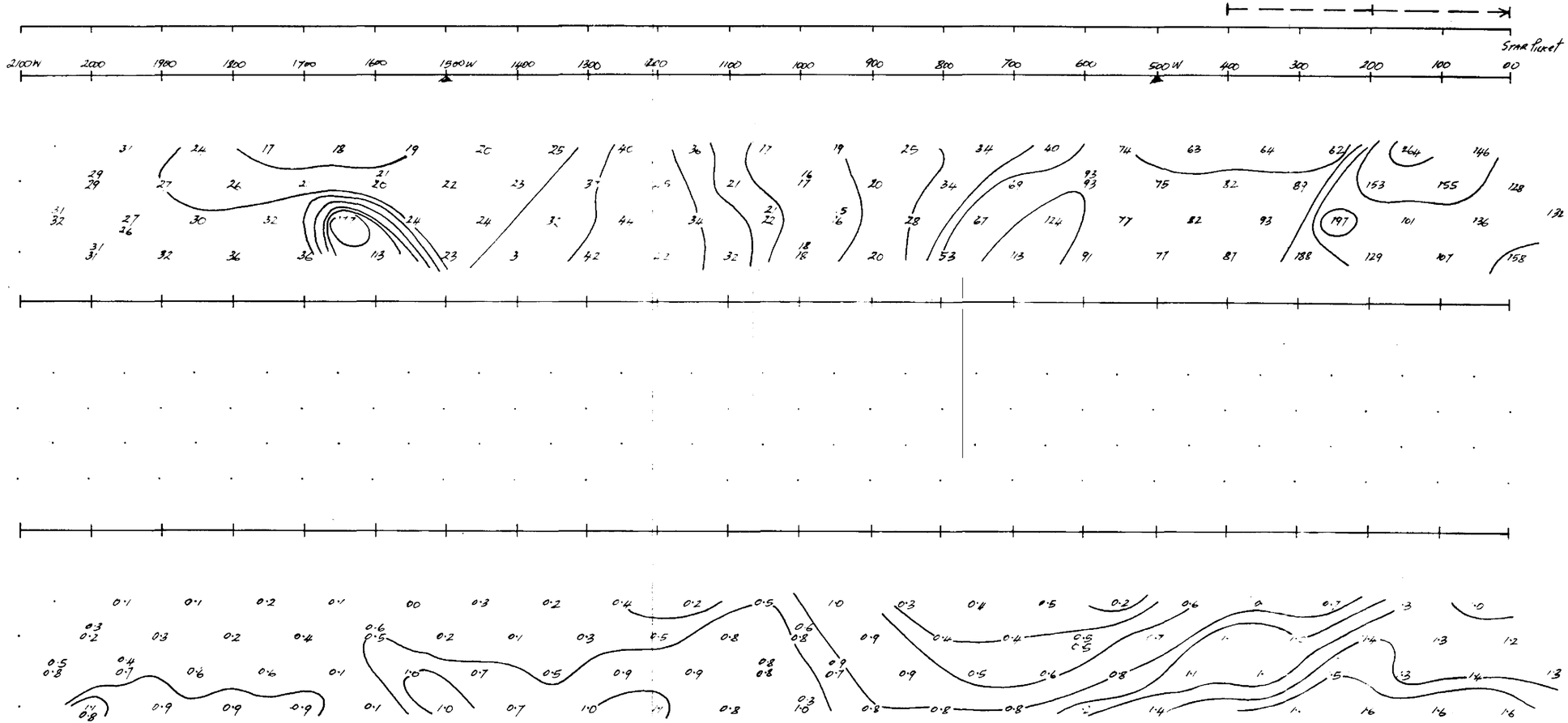
LINE TRAVERSE 17

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢———⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date

I.P. Unit Phoenix-IPC8 Tx PT 10A

Frequency 3000.3 Hz

Current 1.6 - 10.0 amps

Field Sheet 12304

CR82/090

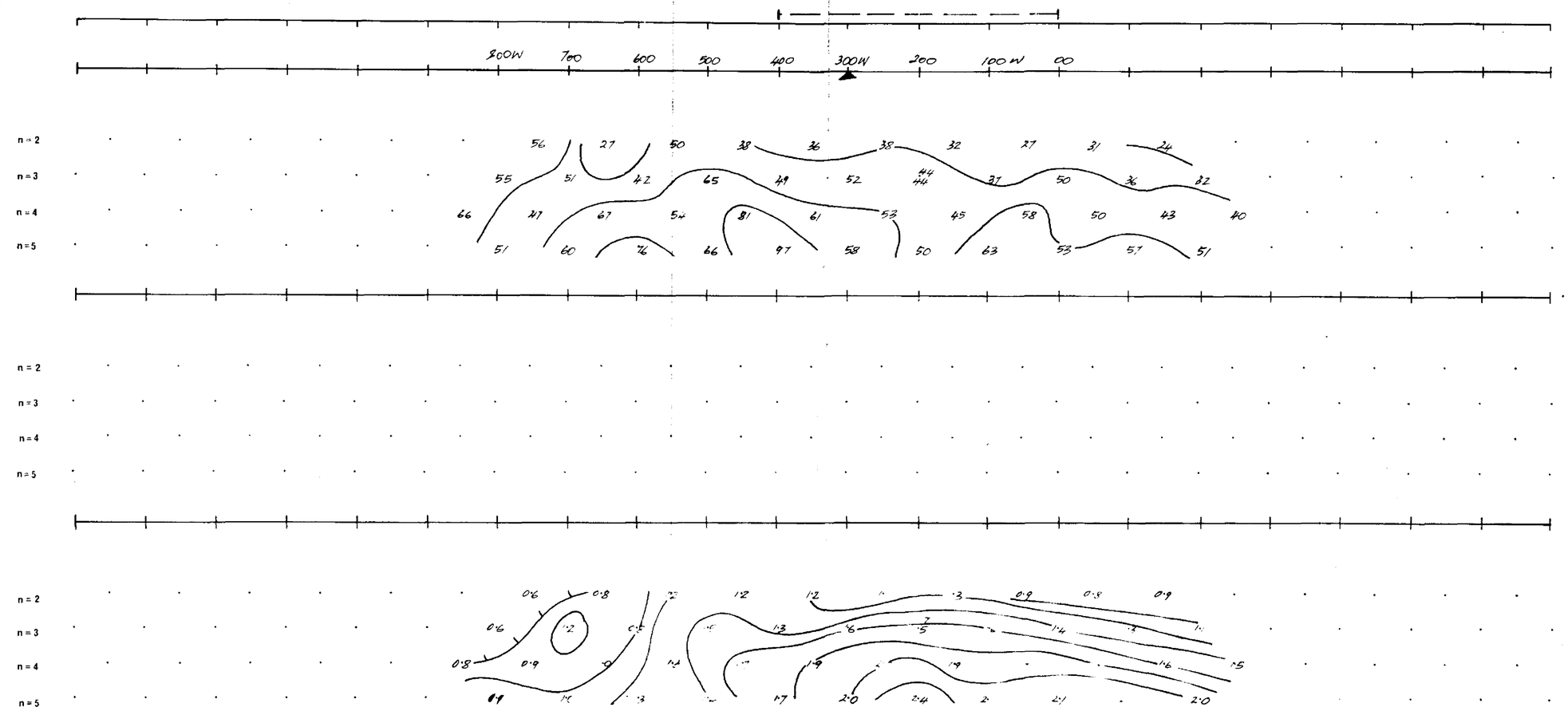
LINE Traverse - 19

LOCALITY Lansen Creek

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 16-7-81

I.P. Unit RX40-1016 FT 104

Frequency 30+03 cps

Current 5·0+2·00 mA

Field Sheet 40+50

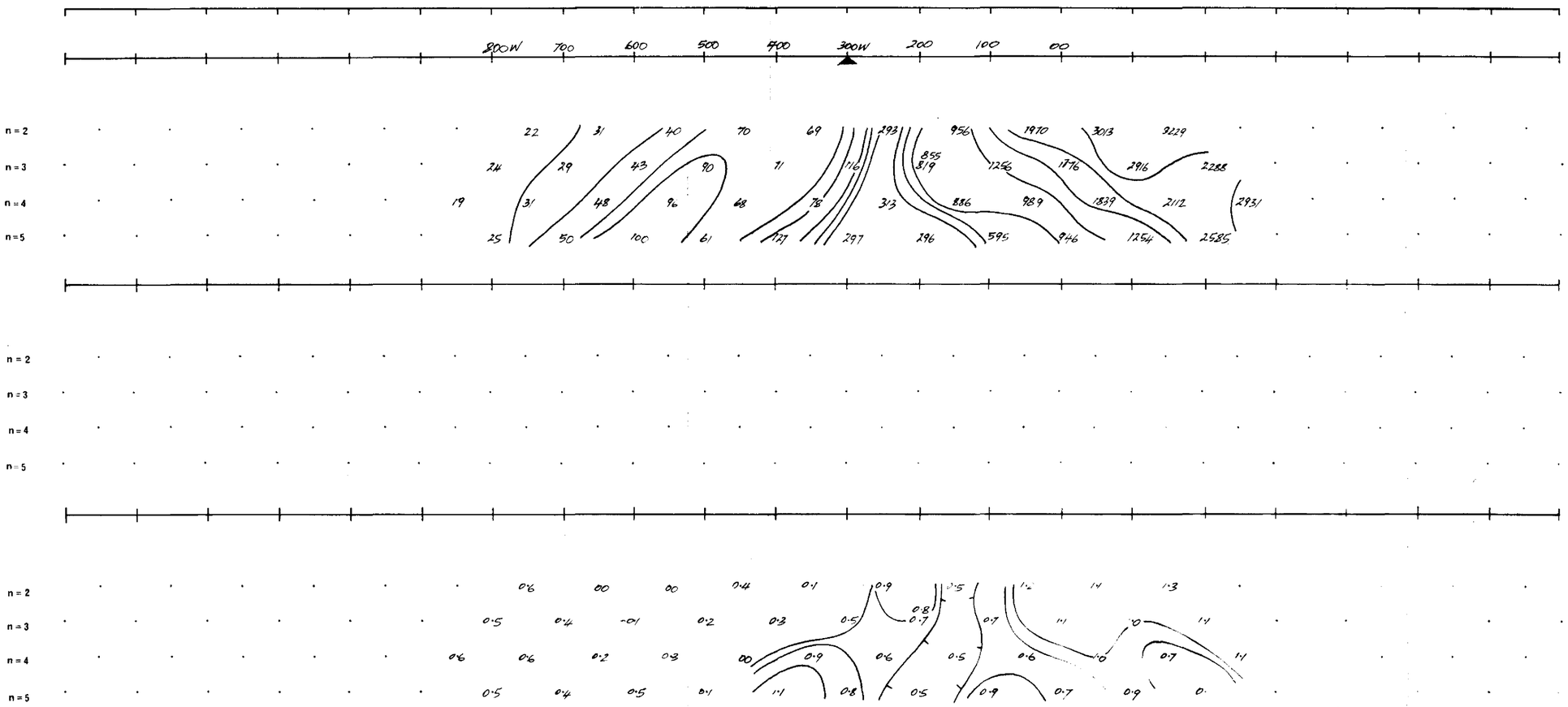
LINE 400N North Of Trav 19

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



ρ_a (Ωm)

I.P. Anomaly : ⊢—⊣ ⊢——⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Mf$_a$

Reference

Approved

Date 16-7-1981

I.P. Unit AN401-1026 FT10A

Frequency 30103/5

Current 0·175 - 700mps

Field Sheet 6B - 7B

F.E. (%)

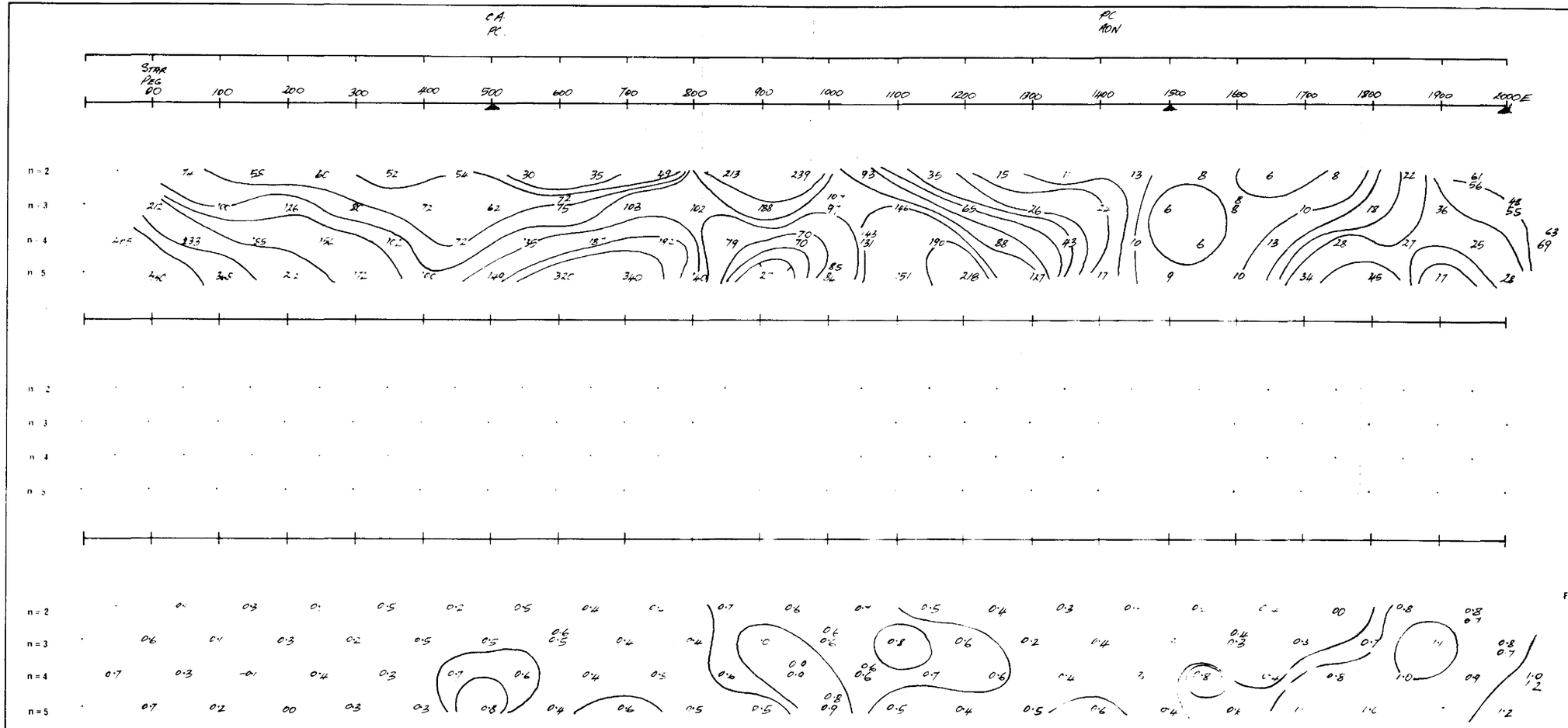
LINE 400 metres South Trans 19

LOCALITY LAWSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 18-7-81

I.P. Unit RX401-1016 FT 10A

Frequency 30 & 0.3 cps

Current 0.3 - 10 Amps

Field Sheet 11B 12B 13B & 14B

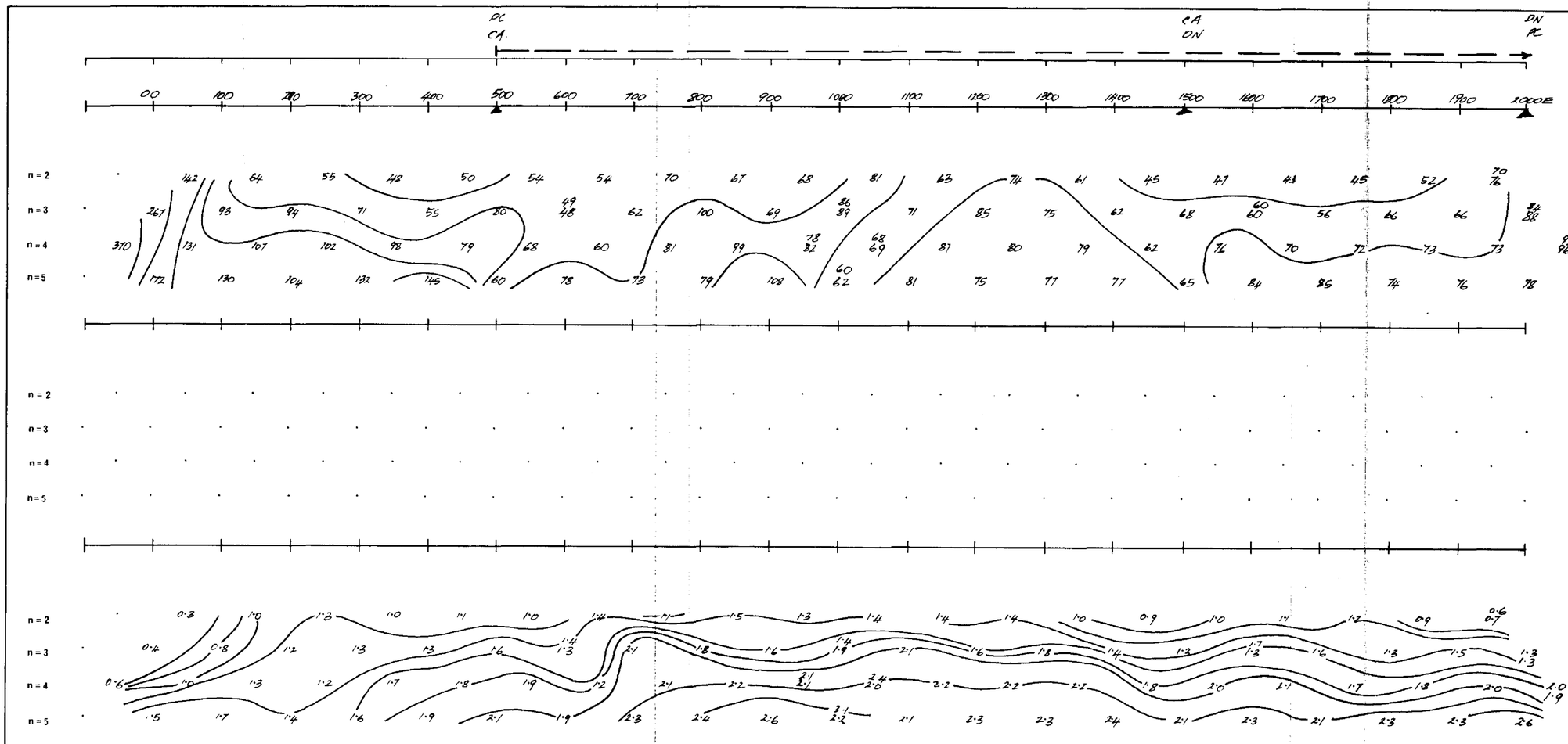
CR 82/090

LINE Traverse 22

LOCALITY Lawsen Creek

Western Mining Corporation Limited

FORM 193



INDUCED POLARIZATION AND RESISTIVITY SURVEY

I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metre

Reference

Approved

Date 21-7-1981

I.P. Unit RISDL-1026 TRF 10A

Frequency 3.04 0.3 CPS

Current 1.0 - 1.8 amps

Field Sheet 168 178 188 198

CR82/1090

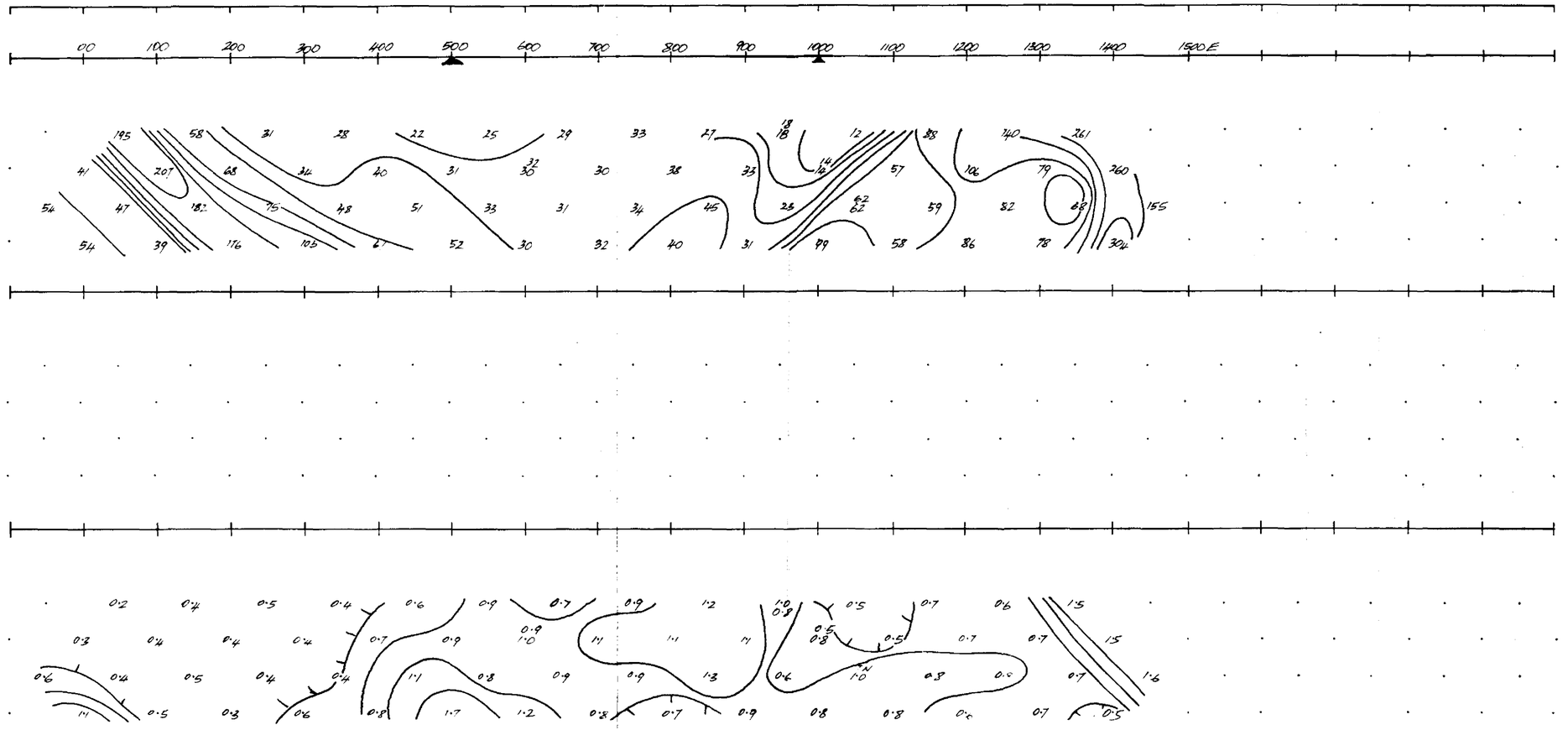
LINE TARVEASE 26

LOCALITY LANSEN CREEK

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢——⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 26-7-1981

I.P. Unit RX401-1020, FT20A

Frequency 3.0 & 0.3 cps

Current 0.8 - 5.0 amps

Field Sheet 19B, 30B, 31B

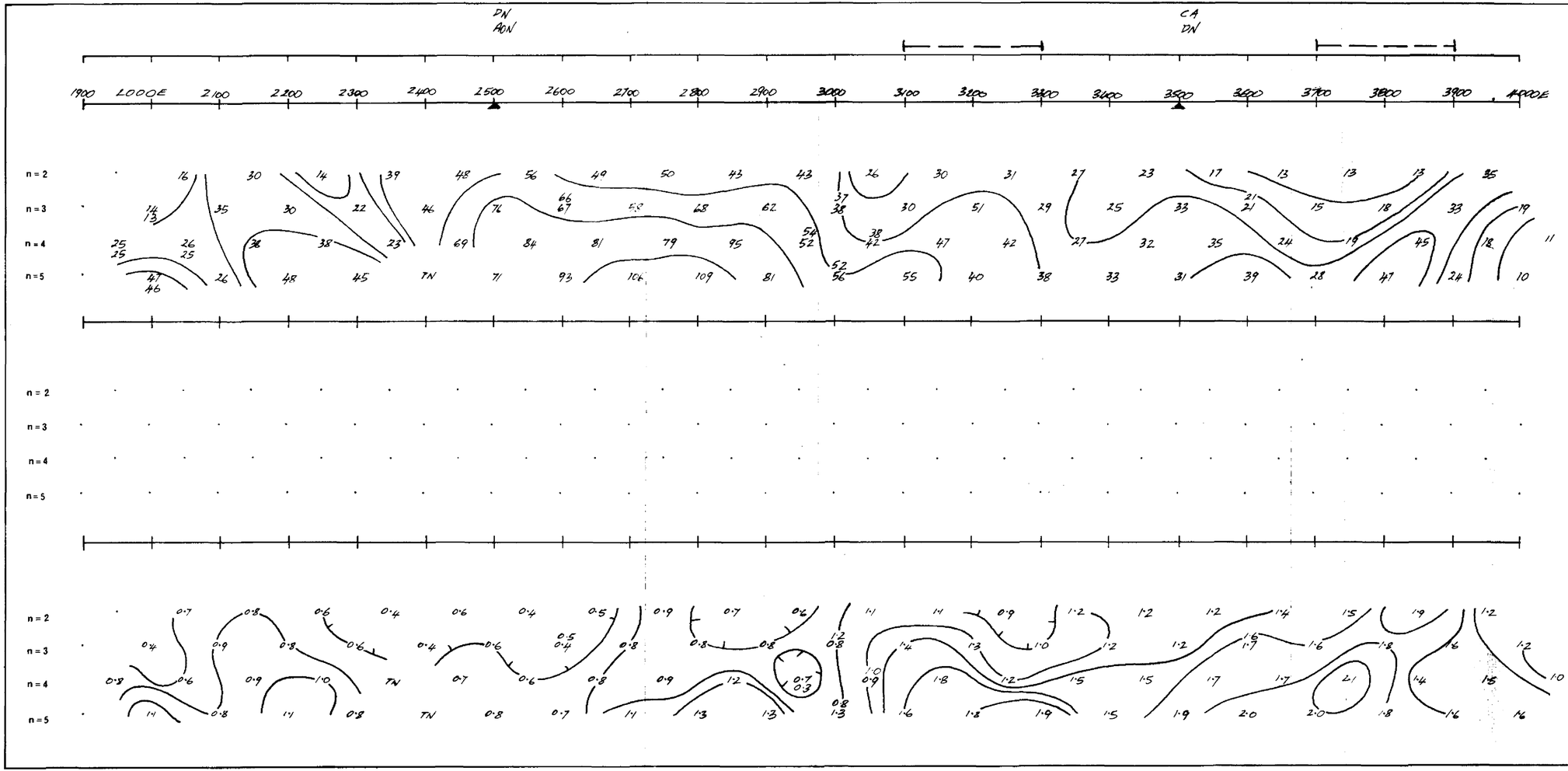
CR82/1090

LINE TRANSECT 27

LOCALITY LANGEN CREEK

Western Mining Corporation Limited

FORM 193



INDUCED POLARIZATION AND RESISTIVITY SURVEY

I.P. Anomaly : ⊢—⊣ ⊢———⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms = Dipole Size 100 metres

Reference

Approved

Date 24-7-1981

I.P. Unit PHOS-

Frequency 1.0 & 0.3cps Alm Sig 10mV

Current 08-50 amps

Field Sheet 25B 26B 27B 28B

CR82/090

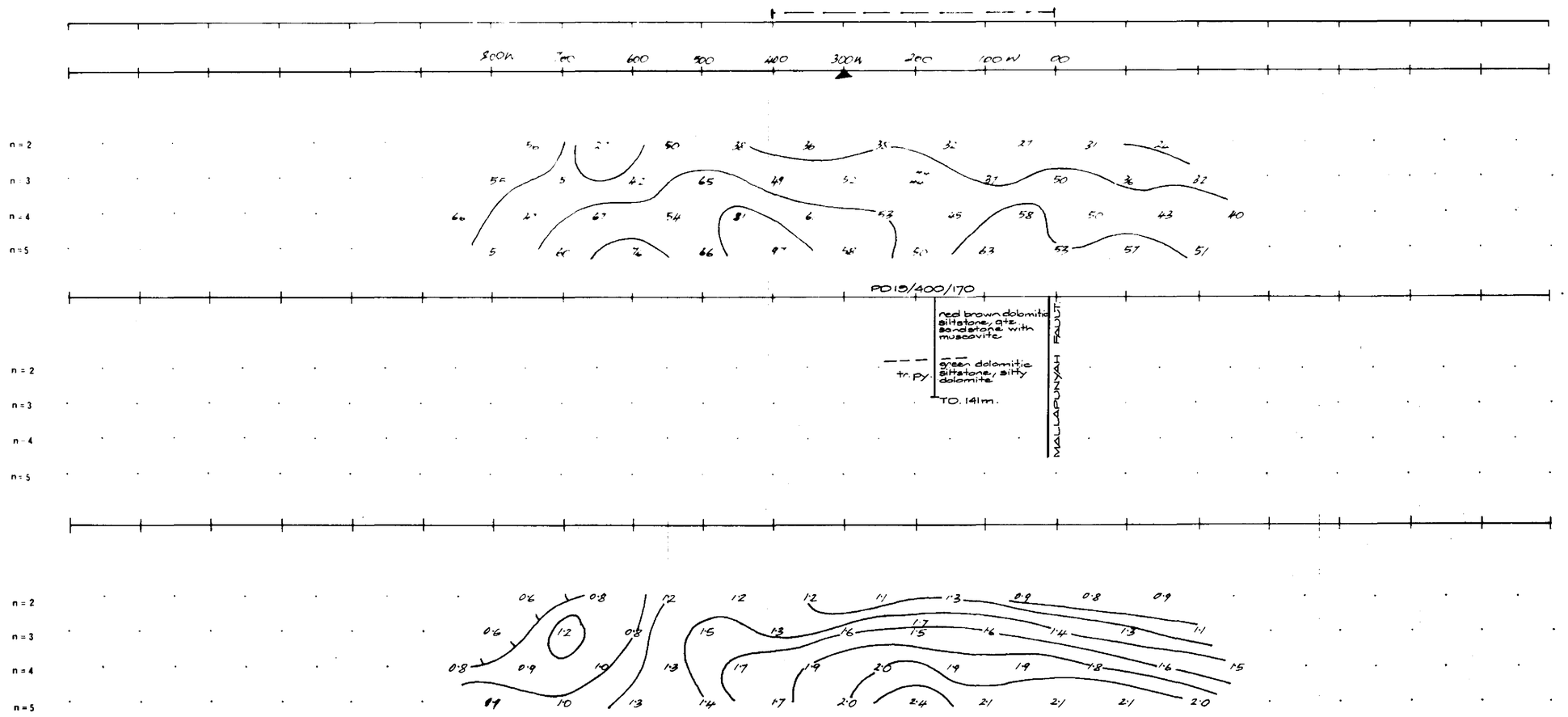
LINE Traverse 2B

LOCALITY Lawson

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 16-7-81

I.P. Unit AMIDAS-10/6 FT 104

Frequency 30-0.03 cps

Current 5.0-2.0 amps

Field Sheet 484.58

CR82/090

LINE 400N North Of Trav. 19

LOCALITY LANSEN CREEK

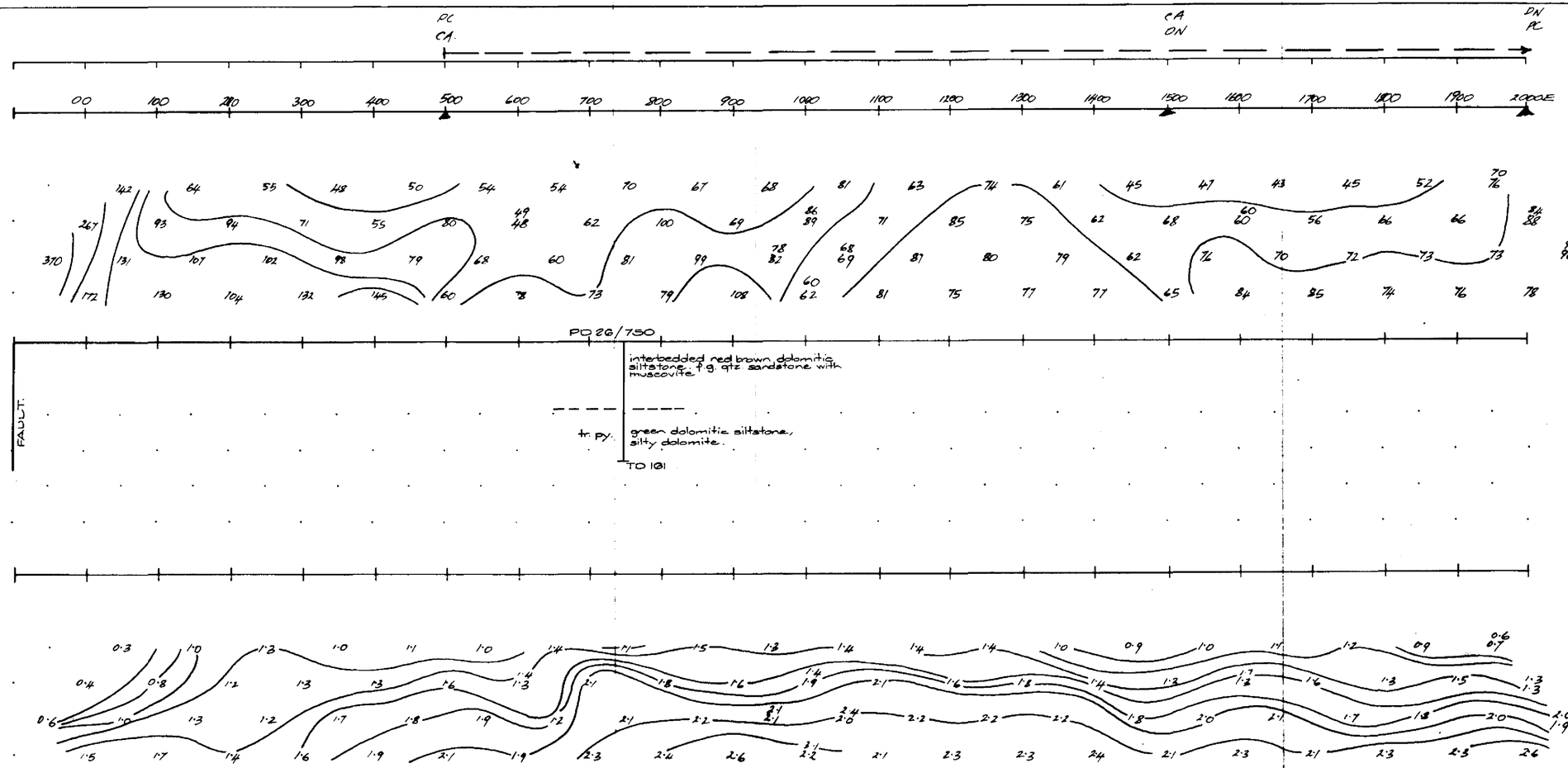
Drilling and Geology added DAB. 21.1.82

7001-20

Western Mining Corporation Limited

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣
Contour Interval : Logarithmic
Linear Graph scale : 2 cms =
Dipole Size 100 metres

Reference
Approved
Date 21-7-1981
I.P. Unit ES491-1026 ES491-1041
Frequency 2.0 & 0.5 cps
Current 1.0 - 1.8 amps
Field Sheet 168 176 180 190

CR82/090

LINE Traverse 26
LOCALITY Lansen Creek

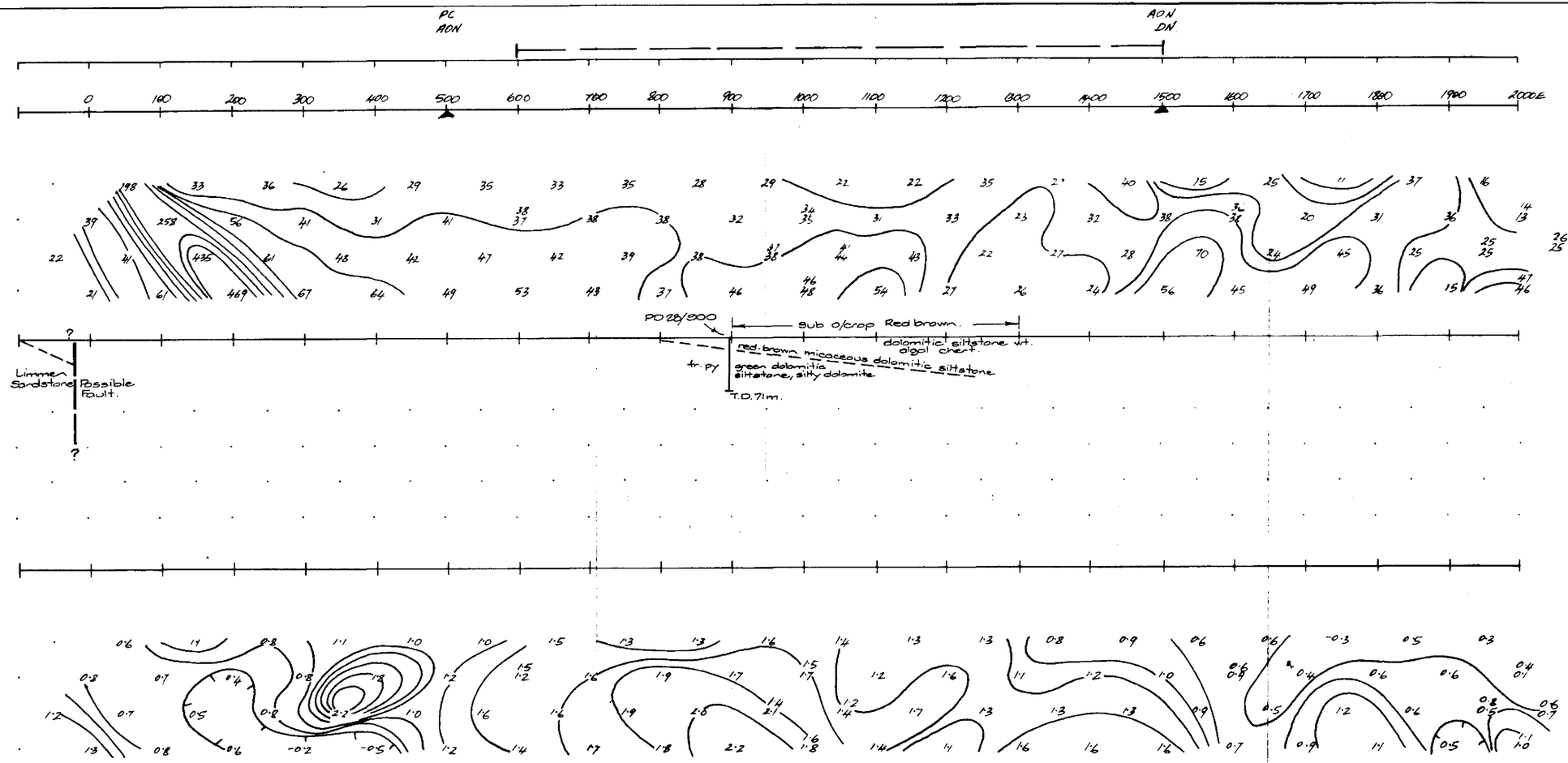
Drilling and Geology added DAB 22.1.82

Western Mining Corporation Limited

7001-21

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣

Contour Interval : Logarithmic

Linear Graph scale : 2 cms =

Dipole Size 100 metres

Reference

Approved

Date 22-7-81

I.P. Unit RX401-1036 FT10A

Frequency .04 0.3 3Hz

Current 0.5 - 50 mA

Field Sheet 21B 22B 23B 24B

CR82/090

LINE TRANSECT 2B

LOCALITY LANSEN CREEK

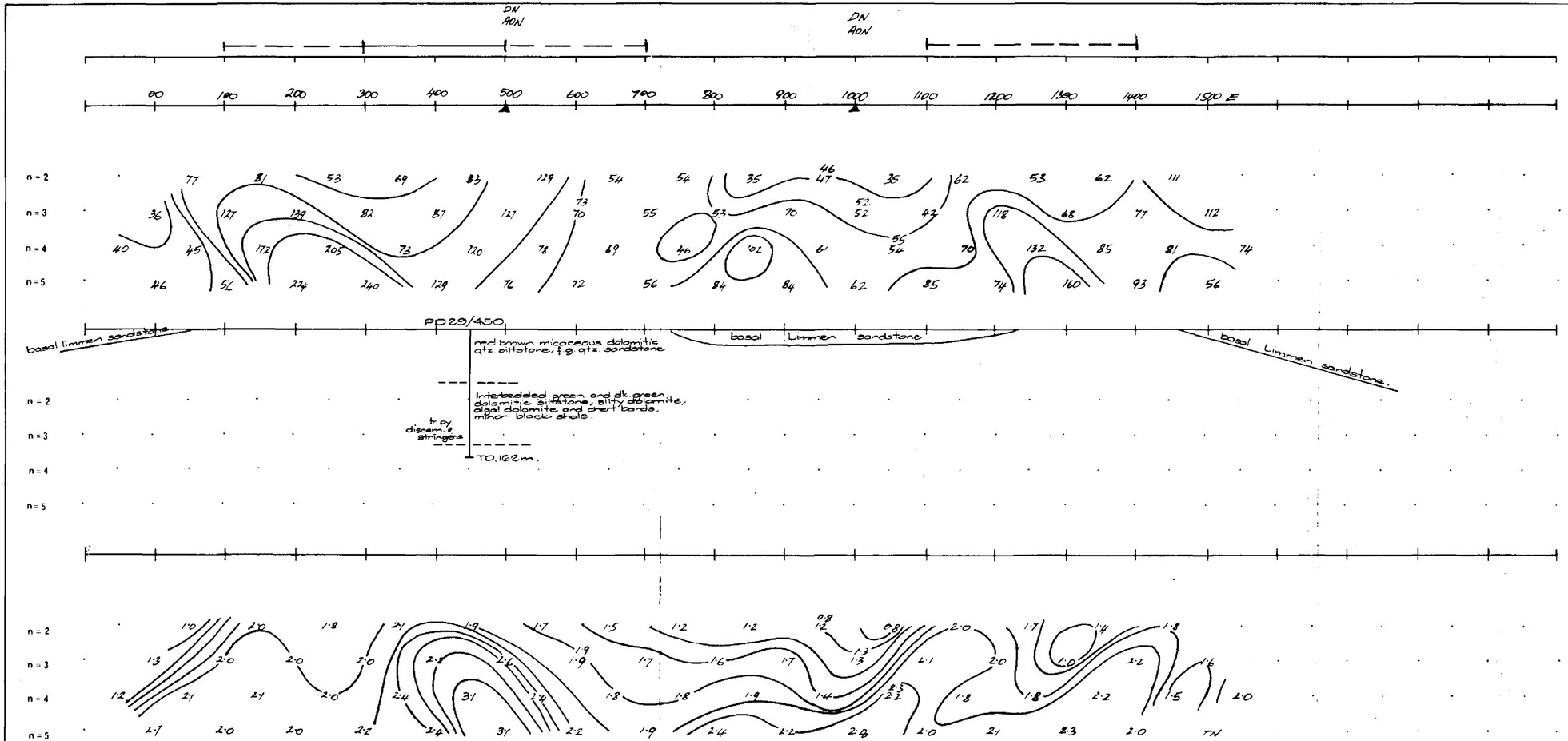
Drilling and Geology added DAB 21.1.82

Western Mining Corporation Limited

7001-22

FORM 193

INDUCED POLARIZATION AND RESISTIVITY SURVEY



I.P. Anomaly : ⊢—⊣ ⊢—⊣
Contour Interval : Logarithmic
Linear Graph scale : 2 cms =
Dipole Size 100 metres

Reference
Approved
Date
I.P. Unit AX40-MK6 TX FT 10A
Frequency 30 60 3 5 Hz
Current 0·35 - 20 amps
Field Sheet 328 338 348

CR82/090

LINE TRAVERSE 29
LOCALITY LANDERN CREEK

Drilling and Geology added D.A.B. 21.1.82

7001-23

Western Mining Corporation Limited