NT-166

ANNUAL REPORT FOR

EXPLORATION LICENCE 402

FOR YEAR ENDING 24th MAY, 1977.

Distribution:

Mines Branch, Darwin.
Central Pacific Minerals N.L. Library
Central Pacific Minerals N.L., Alice Springs.

August, 1977

G. Pope

CONTENTS

SUMMARY

INTRODUCTION

INVESTIGATIONS FOR THE YEAR ENDING 24TH MAY 1977

1. 1:500 Scale Geological Mapping
2. 1976 Drilling Programme

APPENDICES

1. Lithological Logs, DRPD 2-5, DRPH 6.
2. Geophysical Logs, DRPD 2-5, DRPH 6.
3. Assay Sheet DRPD-4.

MAPS

1-12 1:500 Scale. Dingo's Rest South Prospect, Geology

13 1:9,300 Scale. Dingo's Rest South & North, Geology

SUMMARY

1. The Dingo's Rest South Prospect was surveyed and geologically mapped at a scale of 1:500.

2. Four percussion/diamond and one percussion hole with a cumulative total of 724.16 m. were drilled in the Dingo's Rest South Area.

3. Weak uraninite mineralization was found in one hole, DRPD 4 where 1500 ppm U_3O_8 was obtained over 0.5 m.

INTRODUCTION

E.L. 402 (Djuburula West) was granted to Central Pacific Minerals N.L. for 12 months ended 24th May, 1973 and has been renewed for four consecutive periods of 12 months from that date.

This report describes all work carried out on E.L. 402 by Central Pacific Minerals N.L. in the year ended 24th May, 1977.

LOCATION & ACCESS

Exploration Licence 402 lies approximately 320 kilometres north west of Alice Springs for 20 kilometres, thence 300 kilometres north easterly on the Yuendumu beef track. Access within the area is by seismic and station track. For further details see Annual Reports for previous years.

INVESTIGATIONS IN THE YEAR ENDED 24th MAY, 1977

1. 1:500 Scale Geological Mapping:

During 1976 the Dingo's Rest South Prospect was mapped at 1:500 scale. Preliminary work included surveying in a 2,150 m. by 1000 m. reference loop with subsidiary lines. This provided a basis for 1:500 scale plane table surveying. Using this survey base, an area of 1.8 square Km. was geologically mapped at 1:500 scale (Map 13). A radiometric survey was conducted concurrently with the geological mapping.

(a) Stratigraphy:

The geological mapping identified the following units within the Mount Eclipse Sandstone:

Unit 5: Pebbly arkose. Pale red to dark red brown coarse to very coarse arkose. Outcrop strongly kaolinised. Scattered quartzite pebbles (2 - 5 cm. diameter) often concentrated in bands and layers. Dominantly massive bedded in lower section with large cross beds (large sets) increasing in frequency up to the arkose succession. Occasional medium to coarse grained beds. Cliff forming.

Unit 4: Reddish purple to red brown and white mottled medium to coarse grained felspathic to arkosic sandstone. Strongly kaolinized. Rare quartzite pebbles (< 5 cm. diameter).

Unit 3: Reddish purple banded and mottled (area A) or plain mottled (area B) medium grained felspathic sandstone. Kaolinized and cross bedded in upper sections. Often silicified kaolinized, forming caves and caverns with irregular weathering surfaces in lower sections. Rare white weathered shale clasts. Ferruginised lenses.

Unit 2: White to yellowish brown medium grained felspathic sandstone. Limonite abundant in places. Rare carbonaceous matter. Partly cross bedded with occasional fine to medium grained interbeds. Carnotite in trench at one locality at upper contact with Unit 3.

Unit 1: White to yellow brown with red brown hematitic patches, medium to coarse grained felspathic sandstone. Cross bedded.

The Djagamara Formation forms the base of the mapped section. Unit 1 unconformably overlies this Formation and is successively overlain by units 2 to 5; all units are conformable to each other. Unit 5 (pebbly arkose) is the dominant outcrop within the mapped area.

Within Unit 3 two outcrop/weathering features are observed as detailed in the reference. The lack of continuity of the banded outcrop type of Unit 3 along strike suggests it is a chemical alteration phenomenon; a secondary feature.

(b) Structure:

Strike of sediments is generally 5 to 10 degrees west of north for Mount Eclipse Sandstone and north to 10 degrees east of north for Djagamara Formation with dips varying from 50 to 20 degrees westerly with a general flattening of dips across the sequence.

Fault directions are dominantly across strike and no strike slip faulting was observed. Faults between 4300N and 5500N show little displacement - generally less than 2 m. but faults north and south of these limits tend to be more intensive with displacements up to 20 m. Dips on faults vary from 70 degrees north to 70 degrees south. Wide fracture zones of up to 10 m. wide.

(c) Mineralization and Ground Radioactivity:

The initial discovery of carnotite occurs in a trench on Map 8 Map 14 shows radiometry of the western wall. The carnotite appears on, or slightly above the contact between Unit 1 and Unit 2 and adjacent to and on the north side of a E-ENE trending fault (Map 8 A ground radiometric survey was attempted over the area surrounding the trench, however, the presence of scattered radioactive rocks from blasting and large amounts of radioactive spoil on the eastern side of the trench made radiometric surveying unrealiable. A broad radiometric survey was conducted during geological mapping, using plane table stations as control points and pace estimates between these points.

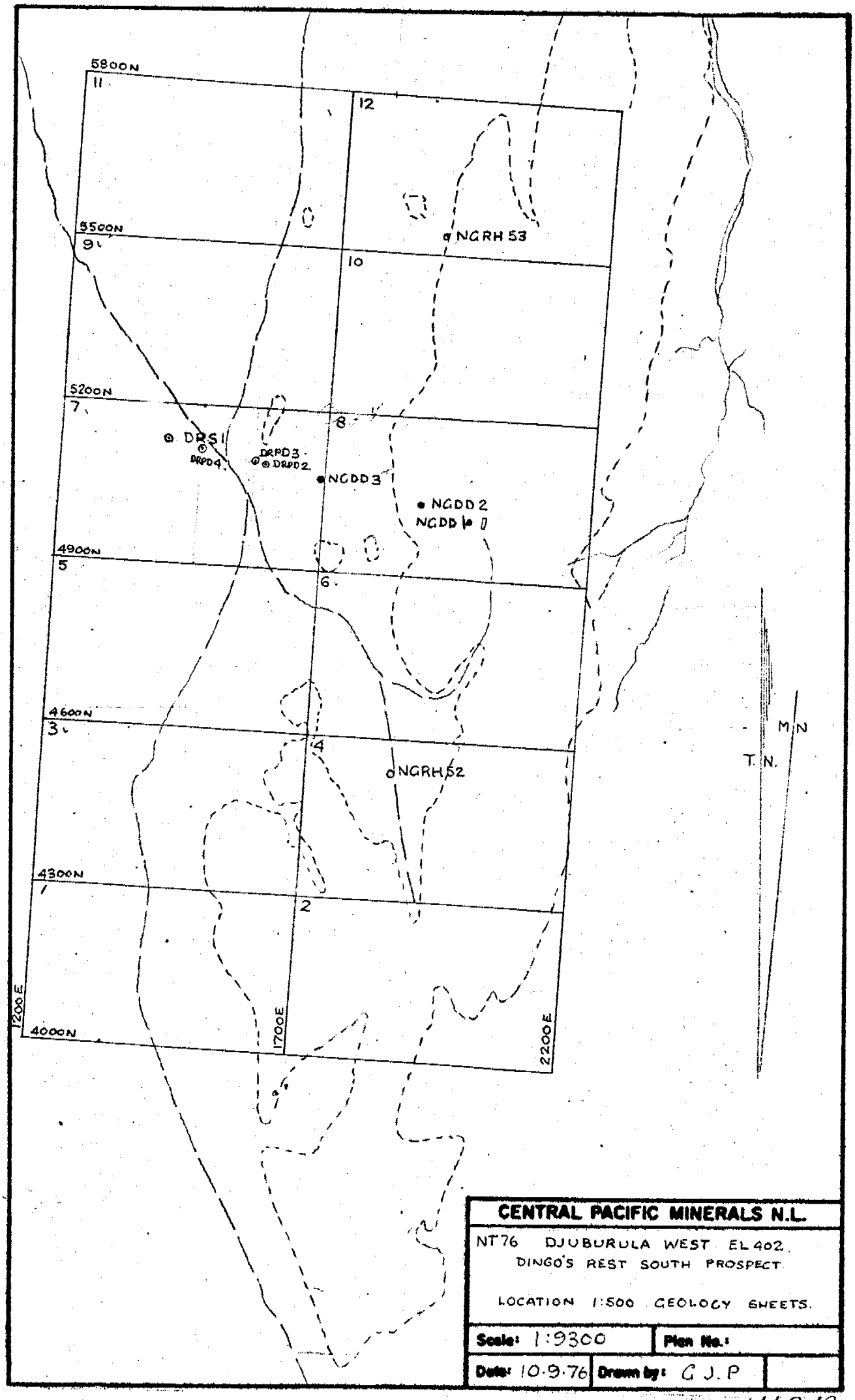
The only radiometric anomalies discovered during this survey are recorded on Sheet 4. Slightly radioactive ferruginised lenses within Unit 2 and adjacent to Unit 3 crop out on a semi-scree covered slope of low scattered outcrops. Maximum counts obtained was 140 cps (BGS-1S scintollometer).

1976 DRILLING PROGRAMME

Four percussion/diamond holes and one percussion hole were drilled in the Dingo's Rest South area in the latter months of 1976. Details of these holes are given below (see Appendices 1;2).

Hole No.	Co-ordinates*	Depression	Azimuth	T.D.(m)	Results
DRPD 2	1587.5E 5098N	90°	-	133.80	No mineralization
DRPD 3	1568E 5101.5N	90°	-	147.11	"
DRPD 4	1465E 5119N	84°	103° mag.	245.10	1500 ppm U_3O_8 over 0.5m from 221.65-222.15m.
DRPD 5	1780E 6110N	55°	061° mag	148.15	No mineralization.
DRPD 6	(73015E 52915N)	90°	-	50.0	"

*all co-ordinates refer to 1:500 scale maps except for DRPD 6 where they refer to 1:250,000 sheet SF52-12 (metre grid).


DRPD 5.
5800N
11
12
5500N
9
10
NGRH 53
5200N
7
8
DRS1
DRPD4
DRPD3
DRPD2
NGDD3
NGDD2
NGDD1
4900N
5
6
4600N
3
4
NGRH52
4300N
1
2
4000N
1200E
1700E
2200E
M
N
T.N.
CENTRAL PACIFIC MINERALS N.L.
NT76 DJUBURULA WEST EL 402.
DINGO'S REST SOUTH PROSPECT.
LOCATION 1:500 GEOLOGY SHEETS.
Scale: 1:9300
Plan No.:
Date: 10-9-76
Drawn by: G.J.P

APPENDIX 1

Lithological Logs DRPD 2-5
DRPH 6

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djubwula West N.T. 76.
LOCATION Approx. 900m N.E. of DRPD-5.

LOG HOLE No. DRPH - 6

COORDINATES not available
COLLAR RL not available.
ANGLE FROM HORIZONTAL 90° DIRECTION N.A.

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	0			CALCRETE white to dusky yellow with mod. yell colors. tough, hard. fractured with intervening clays & sands → caving ground in some parts. Mn dusky patches & few dendrites.		
	2			2-3 dominantly white colored, few f gr. sand grains.		
				3-4 rare "pinkish" tinge.		
	4					
				5-6 mostly white, ple dusky yell & H bm colors mod yell limonite patches, Mn dendrites, rare calcite "veins".		
	6			6-7 50% f gr qtzite ple rdish bm color.		
	8			8-9 50% calcrete composed m-c gr qtz grains Mn, limonite ple rd hematite blebs.		
				9-10 sandy calcrete 60% f-v.c sand (qtz) grains Mn. limonite		
	10		10			
				SANDSTONE dk rd bm. v.H bry c gr, qtz-felspathic sst. limonitic, hematite tce mica, tce Mn, tces greish grn shale (?clasts) 10-11 moderate acid fizz.		
	12			11-12 felspathic M/A. felspars kaolinised.		
				12-13 dom. v.H grey pebble fragments.		
	14					
				15-16 5% rd bm weathered shale.		
	16		16			
			16.5	SHALE dk rd bm weathered.		
				SANDSTONE rd bm - v.H grey mottled m-c felspathic sst grn & rd shale clasts, tce mica. non-carbonate rock.		
	18			17-18 limonite, tce Mn, jointed.		
				18-19 20% rd bm shale - tces grn grey colors.		
				19-20 felspars partly weathered.		
	20					

DRILL No. 1
TYPE FORMOBILE
DRILLER M. ASHTON (ROCKDRIL)
Commenced 3.11.76
Completed 3.11.76
GEOPHYS. LOG L-1 only gamma & resistivity 3.11.76 I.K.H.

NOTES
1. 0-50m 4½" rotary percussion.
2. 7m. 6" casing set due to caving ground at surface. Casing retrieved on completion of logging of hole.
WATER TABLE
DEPTH OF WEATHERING

LOGGED BY C.P.
DRAWN BY C.P.
CHECKED BY
SHEET 1 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

LOG HOLE No. DRPH-6

COORDINATES not available

PROJECT Djuburula West NT 76

COLLAR RL not available.

LOCATION Approx 900m N.E. of DRPD-5

ANGLE FROM HORIZONTAL 90° DIRECTION —

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	20			20-21 tce red brn shale clasts.		
	22					
	24			24-25 abundant limonite.		
			25			
	26			SANDSTONE red brn with tces lt grey m gr qtz-felspar sst. tce mica tce limonite, clamp, partly silicified. tces greyish grn weathed shale.		
	28					
			29.5			
	30		30.3	SANDSTONE v. lt grey f-m gr qtz sst tce carb. material weathered.		
				SANDSTONE dk red brn m gr qtz-felspar sst tce mica, tce red brn shale weathered. 31-32 tce carb. material in lt grey colored chips.		
	32			32-33 limonite.		
	34		34	SANDSTONE dk red brn f(m) gr qtz sst. micaceous. partly weathered, hematite, tce limonite. 35-36 v. rare lt grey colors.		
	36					
				37-39 v. rare lt greys (? rare carb. material).		
	38					
			39			
	40			SANDSTONE dk red brn m gr qtz sst. mica, tces limonite & chlorite.		

DRILL No.

TYPE

DRILLER

Commenced

Completed

GEOPHYS. LOG

NOTES

WATER TABLE damp at 23.5m.

DEPTH OF WEATHERING 35m.

LOGGED BY G.P.

DRAWN BY G.P.

CHECKED BY

SHEET 2 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djebuela West NT76
LOCATION Approx 900m N.E of DRPD-5

LOG HOLE No. DRPH-6

COORDINATES not available
COLLAR RL not available
ANGLE FROM HORIZONTAL 90° DIRECTION —

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	40			40-41 few r.H gry mottles. tce felspar.		
				41-45 limonite, fractured?		
	42					
				43-44 qtz veins in small vugh.		
	44					
				44-45 qtz pebble fragments, 2% red brn fissile shale.		
				45-46 qtz pebb. 2% red brn fissile shale.		
	46					
				46-47 pebble fragments.		
				47-48 tce red brn shale, tce limonite.		
	48					
	50	50	50			
				T.D. 50 meters		
	52					
	54					
	56					
	58					
	60					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE 41.5 m. water flows.
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 3 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djabuwula West NT76
LOCATION Dungo's Rest South Prospect

LOG HOLE No. DRPD - 5

COORDINATES 1780E 6110N.
COLLAR RL not available.
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag.

Casing & Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
			dk yell org. clays & soil with m-c gr kaolinitic sst. scree qtzite pebble fragments.		
2					
		3			
			H brn clays & m-c dusky purp-white m gr sst.		
4		4			
			SANDSTONE dk rd brn-white m(c) kaolinitic sst, strongly weathered, granules, hematite blebs, pebble fragments.		
6					
			6-7 strongly kaolinitic.		
			7-9 abundant pebbles - qtz.		
8					
			9-10 tces limonite.		
10					
			10-11 limonitic.		
			11-12 pebble fragments.		
12					
			13-14 pebbles.		
14					
		15			
			SANDSTONE. mod rdish org. mottled white m gr kaol. sst. hem. tce mica, weathered.		
16		16			
			SANDSTONE mod rdish org m-c gr kaolinitic sst tce limonite weathered. scattered pebbles.		
18					
20					

DRILL No. 1
TYPE FOXMOBILE
DRILLER M. Ashton - Rockdrill
Commenced 30.10.76
Completed 1.11.76
GEOPHYS. LOG L-1 only
1.11.76 I.R.H.

NOTES
0-53.85 m. 4½" hammer.
53.85 - 148.15 m. NQ core.

WATER TABLE 36m (28-30m damp).
DEPTH OF WEATHERING ~30m.

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 1 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-5

COORDINATES 1780E 6110N
COLLAR RL not available
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag.

Casing / Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
20		20.5	UNIT 5 / UNIT 4		
			SHALE dk rd bm weathered tcs light yellow grey colors. rare rd bm siltstone.		
22					
24		24.5			
			SANDSTONE dk rd bm & white mottled m gr felspathic sst. strongly kaolinised. few v.lt grey weathered shale clasts.		
26			26-27 few granules & pebbles, tce limonite.		
			27-28 tce mica, tce chlorite.		
28			28-29 partly weathered - tces fresh felspar.		
			29-30 dom. fresh felspars. rd bm & grnish grey colors.		
30			30-33 silty chloritic shale clasts.		
32					
		33			
			SANDSTONE dusky rd & v.lt grey mottled c gr felspathic sst rare pebbles tces chlorite & mica.		
34					
			35-36 chloritic/mica partings.		
36		36	UNIT 4 / UNIT 3		
			SANDSTONE dusky rd & v.lt grey mottled m gr. qtz-felspathic sst. rare pebbles at top, tces chlorite & mica.		
38			38-39 tces rd bm shale		
			39-40 hem. blotches & blebs, tce lim., grnish grn shale clasts.		
40					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 2 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djubumla West NT 76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD - 5

COORDINATES 1780 E 6110 N
COLLAR RL not available.
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag.

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	40			40-42 rare pebble fragments.		
	42			42-43 tces red brn shale.		
				43-44 v. rare chlorite.		
	44			44-45 Mn dendrites. tces red brn shale, tce, limonite.		
	46					
				47-48 rare greyish grn shale clasts rare pebbles.		
	48					
				49-50 abundant pebble fragments, red brn shale partings.		
	50			50-51 abundant pebble fragments.		
	52					
	54	53.85	54.05			
		1.3 / 1.3	54.47	SILTSTONE dk red brn & grnish grey, micaceous, chloritic		
		55.15		ARKOSE dusky red & H grnish grey / v. H grey arkose. mica. chlorite. scattered red brn and greyish grn shale clasts & wisps. 55.15 2cm red brn shale. scattered small pebbles. m grained.		
	56	3/3				
				57.65 large 4cm qtz pebble - envelope of grn chloritic siltstone.		
	58	58.75	58.13	SANDSTONE ple dusky red - H grnish grey f-m gr. felspathic sst. chlorite, mica, mostly mottled with rare red brn bands fract 58.53 82° BCA 86°		
		3/3	58.80	SANDSTONE dusky red & red brn & v. H grey m gr qtz-felspathic sst tce mica, chlorite, rare pebble, scatt. v. H grey clay wisps. fract 58.85 31° - limonite, calcite vals.		
	60					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 3 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburuka West NT 76
LOCATION Dingo Rest South Prospect

LOG HOLE No. DRPD-5

COORDINATES 1780E 6110N
COLLAR RL not available
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag

Casing / Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
60					
	61.15	61.48	base 70cm greyish grn chloritic & red brn hem. shale clasts & wisps common. fracture 60.85 74° to core.	m	
62		62.13	SANDSTONE dusky rd & v. lt greyish grn f-m gr. qtz-felspar sst, mottled, chlorite, tce mica, chloritic/mica partings at base.	m m	
	3/3		SANDSTONE dusky rd & dk rd brn & v. lt grnish grey mottled & occasionally banded qtz-felspar m gr sst. chlorite, hem blebs, tce mica, scatt. grnish grey & rd brn shale clasts & wisps top 60cm - rare below this. pebbles extremely rare.	m	
64	64.15		fractures 62.63 85° 0° 62.78 55° 6°.		
	3/3				
66		66.53			
	67.15	67.74	SANDSTONE dusky rd to lt grnish grn mottled felspathic m gr sst. scatt. rd brn & greyish grn shale clasts. chlorite, tce mica.	m	
68			SANDSTONE dusky rd, rd brn & grnish grey c gr felspathic sst, occasionally arkosic locally, scatt rd brn & greyish grn shale clasts - some silty with chlorite developed. occasional chloritic partings. scattered qtz pebbles, most chloritic partings fractures - 69.99 & 69.88 80°-90°. rare hem. bands.		
	3/3				
70	70.15		fracture 70.72 limonite coated 73°.	m	
	3/3				
72					
	73.15		73.65 - 2cm pugh, limonitic, calcite veins.		
74		74.07			
	3/3		SANDSTONE, dusky rd & rd brn with v. lt grnish grey mottles. m gr felspathic sst. scattered greyish grn & rd brn shale clasts. occasionally hematite banded. chlorite, tce mica		
76	76.15		75.7 - 4cm pebble. occasional chlorite partings. very uniform unit - massive.		
	3/3		77m. rare v. small calcite veinlets.		
78					
	79.15			m	
80					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer Survey at 71m: 57.5° depression.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 4 OF 8 SHEETS

FORM 10

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuhunka West NT76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-5

COORDINATES 1780E 6110N
COLLAR RL not available
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	80	3/3		80.57 - 80.62 f gr chloritic/micaceous band.		
				81.05 - 81.15 abund. greyish grn & rd brn shale clasts		
	82	82.15				
			82.61	82.33 - 82.61 v. chloritic greyish grn colour.		
		3/3	83.65	SANDSTONE dusky rd & lt greyish grey mott. m gr. felspathic sst. scatt. small shale clasts pebble. tces mica few hem. bands.		
	84			SANDSTONE dusky rd & rd brn mottled lt grn grey m gr qtz-felspar sst. v. rare hem. bands, chlorite, mica, scatt chloritic shale clasts & rd brn hem. shale clasts.		
		85.15		85.0 abund. greyish grn mott rd brn shale clast band.		
	86					
		3/3		87.25 chloritic/mica parting.		
				87.45 pebble witness. fracture 14°		
	88	88.15		" 57° - 87.65m.		
		3/3		89.35 2 small pebbles (< 1cm).		
	90					
			90.71			
		91.15	91.30	SANDSTONE dusky rd & greyish grn f(m) gr qtz-felspar sst. mica, chloritic, hem, laminated with chloritic partings.		
	92			SANDSTONE dusky rd - rd brn mottled lt greyish grey m-c gr felspathic sst, mica, chlorite, scatt. rd brn & greyish grey silty shale clasts. occasional hematite bands.		
		3/3		93.45 fracture 17° lim- calcite vein.		
	94	94.15		94.0 " clay filled 78°		
				94.15 fracture - brecciated sst - water flow 90° to core.		
				94.65 chloritic/shale parting - fractured.		
		3/3		95.55 pebble		
	96			96.00 fracture - calcite filled void 46°, 95.90m 40°		
			96.60			
		97.15		SANDSTONE dusky rd & v. lt grey mottled f-m gr felspathic sst. mica, chlorite, rare shale clasts. limonite alteration "blotches" in hem. rich dusky rd colored sections		
	98			98.52 rd brn shale clast.		
		3/3	98.72	~~SHALE dk rd brn, clayey, fractured.~~		
			98.85	SANDSTONE v. lt grey - pale rd mottled m(c) gr felspathic sst. partly kaolinised due fracturing, mica, tces limonite, fracture zones.		
	100					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 5 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djebunda West NT76
LOCATION Dugas Rest South Prospect.

LOG HOLE No. DRPD-5

COORDINATES 1780 E 6110 N
COLLAR RL not available.
ANGLE FROM HORIZONTAL −55° DIRECTION 061° mag.

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	100	100.15		99.13 – fracture 34° Mn blebs strongly fractured to 100.15m.		
				100.55 fracture 27° Mn & limonite clays.		
		3/3		100.65 micas, chlorite & fresh felspars reappear.		
				101.55 fracture 60° calcite, limonite, clays.		
	102			101.75 " 15° limonite, Mn.		
				102.35 red & grn shale clasts fract. limonite 67°.		
		103.15	103.05			
				ARKOSE dusky red & red brn to v.l.t grey mottled & banded m gr arkose tr chlorite, tr mica, few calcite veins. cross bedded in part.		
	104			103.25 – clay filled fract in chlorite/mica parting 75°.		
		3/3		104.11 – 104.24 f+m gr band hem. lamina.		
				105.0 fracture 17° limonite.		
	106	106.15		106.0 pebble, felspars part kaolinised.		
				107 m. fracture 22° limonite. 107.1 fract. 65°		
		3/3				
	108			108m. becoming m+c gr kaolinised pebble.		
			109.00	base 4cm dk red brn shale.		
		109.15		SANDSTONE dusky red & v.l.t grey to white m-c gr felspathic sst. occasional hematite bands, rare chlorite, mica, v. rare chloritic shale clasts.		
	110			felspars partly kaolinised.		
		3/3		fractures rare. angles 70°-80°.		
	112	112.15				
		3/3				
	114		114.15	base 50cm m gr hematite banded.		
			114.80	SANDSTONE white c-vc felspathic sst. strongly kaolinised.		
		115.15		SANDSTONE dusky red - red brn & v.l.t grnish grey to l grey mott. & banded m-c gr felspathic sst few red shale clasts toward base.		
	116			rare pebbles.		
		3/3				
	118	118.15				
		3/3				
			119.75			
	120			SANDSTONE white c-vc strongly kaolinised fract (FAULT) 119.95 ~21°.		

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY .....
SHEET 6 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Dubouula West NT76
LOCATION Dingo Rest South Prospect

LOG HOLE No. DRPD - 5

COORDINATES 1780E 6110N
COLLAR RL not available
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag.

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	120		120.85			
		121.15		SANDSTONE dusky rd & H grey to phish org. grey mottled & banded m-c gr arkose. felspar partly weathered. limonite flecks, tce chlorite (weathered) v. clean.		
	122					
		3/3		fractures at 123m 34° limonite coated.		
	124	124.15		124.15–128.65 strongly kaolinised - "bleached" all trace of hem banding is gone, felspars completely kaolinised rare limonite.		
		2.9 / 3.0				
	126			126.5 pebble.		
		127.15				
	128			128.5 ple grn chloritic shale clasts weathered.		
		3/3		128.65 – 131.45 slightly weathered, hem bands & mottling still apparent. small rd & grn shale clasts.		
	130	130.15		130.95 – 131.45 fracture sub parallel to core limonite, Mn.		
		2.5 / 3.0				
	132		132.05	131.95 remnant chloritic shale clasts - v. soft weathered.		
			132.20	SANDSTONE ple yell brn f-m gr kaolinite.		
				SANDSTONE ple yell brn to white c(m) kaol. ss. v. friable core loss.		
		133.15		132.63 fracture 30° to core Mn. v. friable.		
				132.65 – 133.15 no core recovered.		
	134			133.5 pebble.		
				134m fractures Mn, lim 47° 37°		
		2.3 / 3.0		134.65 remnant hematite bands ("ghost") & 136.5.		
	136	136.15		135.8 pebble.		
				136.15 core loss here.		
		2.2 / 3.0		remnant white bleached shale clasts		
	138					
		137.15				
			139.83	½cm clay filled fracture forms base.		
	140					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 7 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djubwenla Crest NT 76
LOCATION Dingos Rest South Prospect

LOG HOLE No. DRPD - 5

COORDINATES 1780 E 6110 N.
COLLAR RL not available.
ANGLE FROM HORIZONTAL -55° DIRECTION 061° mag.

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	140	3/3		SANDSTONE white to dusky red feldspathic m gr sst. feldspars kaolinised. few ragged fractures, sub parallel to core - limonite. chloritic partings 141.0 - pebbles.		
	142	142.15	142.89			
		3/3		SANDSTONE r.lt grey & white - pale red & dusky red mott. feldspathic c(m) gr sst. feldspars kaolinised, especially in faulted areas. core loss in thin unit. 143.15 fracture 30° 143.60 fracture clay filled 67° 144.45 brecciated fault gouge, chlor. & kaolinitic clays.		
	144	145.15				
	146	2.3/3.0		145.97 - 146.70 fault gouge 70 cm core loss. ~ 18°.		
	148	148.15	148.15	147.44 pale greyish grn earthed shale parting & few shale clasts.		
	150			T.D. 148.15m.		
	152					
	154					
	156					
	158					
	160					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer survey 139m : 59° depression.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY C.P.
DRAWN BY C.P.
CHECKED BY
SHEET 8 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465 E ~~5237~~ 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				SANDY CLAYS mod. org – dk yell org, partly consolidated, m-c subangular quartz grains, alluvial.		
	2					
			3.5			
	4			SANDSTONE dusky rd m-c gr. felspathic sst. felspars kaolinised. tce mica, rare pebble fragments, sub angular grains, weathered 4-5m rare white colors, hematite, ?tourmaline. micaceous.		
			5.5			
	6		6	v.lt gry - mod. yell sandy clays mottled colors, grains c & sparce SANDSTONE dusky rd & v.lt grayish grn qtz - felspar to felspathic sst. m-c gr. subang. to subrdd. grains.		
				7-8m qtz pebble fragments, translucent with blk ?rutile inclusives.		
	8					
				9-10m 90% white kaolinitic clays, sandy tce limonite.		
	10			10-11m tces shale clasts. few well r'dd grayish olive grn mineral?		
			11			
	12			SANDSTONE dusky rd - v.lt gry m gr qtz - felspar sst, micaceous in partings. subrounded grains, limonite, chlorite, mod. well sorted.		
			13			
	14			SANDSTONE dusky rd - v.lt gry m-c gr. qtz - felspar sst. mod. sorted. tces mica & chlorite, hematite, partly weathered.		
				14-15m 20% grayish olive tough fissile shale, rare pebbles carbonate matrix.		
	16					
				17-18m dominantly m(c) grained.		
	18					
				18-19m chloritic/micaceous partings - f gr.		
				19-20m micaceous in part.		
	20					

DRILL No. 1
TYPE FOXMOBILE
DRILLER M. ASHTON (ROCKDRIL)
Commenced 23.10.76
Completed 29.10.76
GEOPHYS. LOG L-1 & O-1, gamma & resistivity 29.10.76 I.K.H.

NOTES
0 – 54.05m 4½" rotary percussion.
54.05 – 245.10m NQ core.

WATER TABLE > 54m.
DEPTH OF WEATHERING (60m approx).

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 1 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dingos Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465 E ~~5097~~ 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	20					
				21-22 m few chlorite shale clasts, small pebbles.		
	22			22-23 m pebbles, ½ gr micaceous/chloritic layers		
				23-24 m pebbles - qtz (moss agate types).		
	24					
				25-26 small grayish grn & dk red brn shale clasts		
	26			26-27 tces v. chloritic / ? carbonaceous chips.		
	28					
				29-30 20% grayish olive - grayish grn shale, tough slickensided fracture. fissile.		
	30			30-31 10% dusky blue grn siltstone, micaceous, chloritic soft. pebble fragments.		
	32			32-33 pebbles.		
				33-34 very chloritic, pebbles.		
	34					
				35-36 5% chloritic shale, tough.		
	36			36-37 pebbles.		
	38			38-39 dominantly v. lt gry chloritic, tce mica.		
				39-40 v. chloritic, pebbles. tce feldspars still partly weathered.		
	40					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 2 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT76
LOCATION Dingo's Pest South Prospect

LOG HOLE No. DRPD-9

COORDINATES 1465 E 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	40			41-42 20% shale & silty shale clasts, chloritic grayish grn to red brn colors.		
	42			42-44 dominantly m(c) gr.		
	44		44			
				SILTSTONE dk red brn micaceous, some interbedded f gr sst, tce red shale. some grn gray mottles in siltstone.		
			45			
	46			SANDSTONE dusky red & lt grn gray m gr qtz-feldspar sst. micaceous, 46-47 tces c gr fractions.		
	48			47-48 rare grayish grn shale clasts		
			48.5			
				SILTSTONE dk red brn micaceous. with tces dk red brn shale. softish, shale weathered.		
	50		50			
				SANDSTONE dusky red & lt grn gray m-c gr f qtz-feldspar sst. few red brn & chloritic shale clasts, micaceous, chloritic, rare pebbles, poor to mod. sorting. 51-52 15% dk red brn & grn gray shale.		
	52			52-53. 5% red brn & grn gray shale 5% f gr mica/chlorite partings.		
			53	SANDSTONE dusky red mottled c gr feldspathic sst. mod. sorted, mica (big flakes up to 2mm). chloritic, few shale clasts - red & chloritic grn colors. hem. chloritic partings. rock still partly weathered.		
	54	54.05		CORE: dusky red with lt grn gray mottles m-c gr feldspathic sst, mica, chloritic qtz pebbles locally abundant usually large (>1cm), chloritized shale clasts & red brn shale clasts locally abundant, chloritic/mica bands and partings dusky grn in color. Rock slightly weathered, feldspars surface weathered.		
		2.05 / 2.05				
	56	56.10		56.4-56.8 abundant red brn & grayish grn shale clasts - weathered, clayey.		
		3/3		57.45 crossbedded - 10cm f gr dk red brn micaceous sst. BCA 80°.		
	58					
		59.10		59.2 large chloritic, silty shale clast.		
	60					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer Survey 52m : 84° depression.
New hammer & bit used for percussion hole with 20 ft rods. Rod weight used only while drilling.
WATER TABLE > 54m
DEPTH OF WEATHERING

LOGGED BY G.P
DRAWN BY G.P
CHECKED BY
SHEET 3 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dungo Rest South Prospect.

LOG HOLE No. DRPD - 4

COORDINATES 1465 E ~~5097~~ 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	60			small scattered grayish grn shale clasts to 60.80 m.		
		3/3		sst often silicified at mottle boundaries - at contact of hematite & non-hematite patches - noted at 64.15, 64.30, 66.6.		
	62	62.10		cross bedded BCA 62°		
		3/3				
	64			64.10 3mm red shale parting.		
		65.10		65.0 - 66.29 f-m gr sst. bed, hem, mica, chloritic		
	66			cross bedded BCA 80°		
		3/3				
	68	68.10				
		3/3				
	70					
		71.10		71.0 - 71.2 red brn shale clasts pebble 71.2.		
	72			scatt. small pebbles to 73 m.		
		3/3				
			73.84	73.70 - 73.84 v.f gr sst. chloritic, micaceous, banded, top contact slumped.		
	74	74.10		73.82 - 74.10 abundant large metamorphic qtz pebbles. ARKOSE dusky red and lt. grayish grn mottled c - v.c gr arkose. moderately sorted, feldspars v. lt pkish. mottles of grnish gray often extend out from micaceous/chloritic layers. scattered pebbles - locally common in "bands". part silicified.		
		3/3				
	76			76.1 limonite coated fracture.		
		77.10				
	78			78.1 - 80.15 fracture zone - fracture density approx 10/meter. most common angles 50° to 90° to core axis. fracture surfaces well brn (limonite) & often clay filled - soft plastic - water conduits?		
		3/3				
	80					

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES.

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY .....
SHEET 4 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburuka West N76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465E ~~5097~~ 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	80	80.10		80.1 - 80.4 pebbles.		
		3/3		81.8 & 81.56 fracture planes 80° to axis, limonite & Mn coated.		
	82			81.8 - 82.1 dominantly m(c)gr. abundant hematite bands.		
				82.1 pebble 82.8 v. small shale clast with calcareous concretions inclusion.		
		83.10		82.1 - 83.44 scattered v. small grayish grn & rd bm shale clasts.		
	84					
		3/3		84.7 - 85.1 abundant rd bm & chloritic grayish grn shale clasts, calcareous concretions - very disturbed zone (diagenetic).		
				85.4 qtz pebble		
	86	86.10		86.01 - 86.11 f gr sst, v chloritic, v. micaceous, banded. BCA 77°		
		3/3		87.3 pebble.		
	88			87.55 chloritic - micaceous parting.		
		89.10		89.2 - 89.34 dk rd bm shale, v.c mica, few grn grey patches.		
	90			90.5 - 92.4 dominantly v.c gr. with qtz & chert pebbles.		
		3/3		91.6 chloritic shale parting.		
	92	92.10				
		3/3		93 - 93.5 some m gr fractions, grades to c gr top & base, clean.		
				93.35 - 96.65 scattered small rd bm & grayish grn chloritic & hematitic shale clasts, partly disturbed (diagenetic).		
	94			94.1 pebbles.		
		95.10		94.4 - 94.48 grayish grn micaceous, abundant chlorite bed. cuttite rem.		
	96					
		3/3		96.35 - 96.9 banded hematite/mottling - banding dominant.		
	98	98.10				
		3/3		98.8 few granules, poorly sorted.		
				98.81 - 99.15 f-m gr sst micaceous/chloritic banded.		
	100			pebbles.		

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY .....
SHEET 5 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djebunila West NT 76
LOCATION Dingo Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465 E 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	100					
				100.6 chloritic f gr sst micaceous parting.		
		101.10		101.1 – 101.26 f-m gr sst micaceous/chloritic.		
	102					
		3/3				
				103.22 – 103.52 f-m gr sst. chloritic, hematite, micaceous.		
			103.52			
	104	104.10		pale SANDSTONE pale dusky red – v.H greyish grn mottled m(c) gr sst. felspathic, chlorite, mica, scattered small shale/siltstone clasts – chloritic. pebbles.		
		3/3				
	106		106.05			
			106.32	SHALE dk red brn & greyish grn fissile shale, silty in part.		
				SANDSTONE red brn & v.H grey mottled m gr felspathic sst. chloritic partings, micaceous, shaley partings at 107.1; 107.5; 107.6; 107.8 & 107.9		
		107.10				
			107.88			
	108			SANDSTONE dusky red mottled c-vc felspathic sst, mica. greyish grn chloritic silty shale clasts scattered. scatt. red brn shale clasts, mica, pebbles.		
		3/3	108.85	SHALE dk red brn fissile. few chloritic greyish grn colors.		
			109.05	SANDSTONE red brn to pale red brn & v.H grey m(H) gr felspathic sst. mica few carb. matter in light colored areas. mottled. crossbedded.		
	110	110.10		BCA 60° 78°		
				110.51 chloritic/mica bands, abund. carbon – 90° to core.		
			110.99			
		3/3		ARKOSE dusky red to pale red with v.H grey & greyish grn mottles; m(c) gr subangular to mod. rounded grains. crossbedded. scattered greyish grn chloritic shale clasts, pebbles rare. 111.40 calcite vein in chloritic-micaceous parting. scattered red brn shale clasts mottling strong to light colors (non-hematite) around grn shale clasts.		
	112					
		113.10				
	114					
		3/3				
	116	116.10				
	118	3/3				
		119.10				
	120					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer Survey 106m : 82° depression

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 6 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dingo Resy South Prospect

LOG HOLE No. DRPD - 4

COORDINATES 146SE 519 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	120					
		3/3		121.2 mod. rdish orange shale clasts.		
	122	122.10				
				122.8 grnish grey chloritic/micaceous f gr sst parting.		
		3/3		123.15 1cm dk rd brn shale parting.		
	124					
		125.10				
	126					
		3/3				
	128	128.10		pebble micaceous/chloritic parting. UNIT S	m chl.	
			129.04			
		3/3		SANDSTONE dusky rd brn to grayish grn f-m gr felspathic sst. UNIT 4 micaceous, chloritic in light colored areas. banded in part. scattered rd brn shale clasts in rd areas. grnish gray shale clasts & chlorite in light colored areas. rare carb. matter.		
	130		130.47			
		131.10		SANDSTONE pale rd brn & v.lt gry mottled & occasionally banded m-c gr felspathic sandstone, mica, chloritic partings, scattered rd brn & grayish grn shale wisps & clasts, scattered qtzite pebbles.	m	
	132					
		3/3				
			133.54	SHALE dk rd brn fissile - few grnish grn chloritic patches.		
	134	134.10	133.64	SANDSTONE r. pale rd & r. lt grnish gray mottled c gr felspathic sst. chlorite hematite, mica, scattered grayish grn shale wisps & clasts, pebbles.	m	
			134.56			
		3/3		SANDSTONE rd brn hem & grnish gray mottled (few bands) m gr felspathic sst, mica, few chloritic/micaceous partings, hem blebs & blotches in light colored areas. BCA 78°	m	
	136					
		137.10				
	138		137.94		m	
		3/3		ARKOSE pale dusky rd & lt grnish gray mottled c gr arkose. mica, rare small pebbles. scattered r. small grnish grn shale clasts & wisps. scatd. rd brn hem clasts.	m	
			129.46			
	140			SANDSTONE pale rd & dusky rd & lt grn gray mottled m gr felspathic sst.		

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
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CHECKED BY .....
SHEET 7 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djebumula West NT 76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465E 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	140	none		light coloured areas chloritic bands forming cores of mottling.		
			140.71			
		3/3		SANDSTONE dusky rd & v.lt grnish gry m-c gr felspathic sst. mod. sorted, rare scattered rd brn & greyish grn shale wisps towards base. v. rare small pebbles, chlorite, hematite blebs & blotches.		
	142					
		143.10	143.39			
	144			SANDSTONE dk rd brn & grnish gry banded m gr felspathic sst. v. chloritic in grn gry coloned areas, micaceous. few scattered small qtzite pebbles. 143.57 calcite vein in fracture in chloritic parting. few c gr bands < 2cm thick towards base.		
		3/3	145.32			
	146	146.10		SANDSTONE dusky rd & v.lt grnish gry c(m) gr felspathic sst. hematite chloritic, scattered rd brn & greyish grn shale clasts & wisps. 145.52 - fracture in chloritic/mica partings. few small pebbles. rare calcite veins 147.06-147.18 f gr chloritic/hem. laminated - disturbed bands.		
		3/3				
	148					
		149.10		small pebble		
				149.45 - white ? bleached shale clast with white mottled "halo"		
	150			149.74 - 150.49 rd brn & greyish grn shale clasts common.		
		3/3		150.6 - 150.95 dom. f-m gr abundant chlorite/mica partings. BCA 75°		
			151.06			
	152	152.10		ARKOSE dusky rd to v.lt gry c gr arkose. scattered rd brn & greyish grn shale clasts & wisps. rare small pebble - calcareous concretions within small chloritic shale clasts.		
		3/3	153.55			
	154			SANDSTONE rd brn to v.lt grnish gry m gr felspathic sst. v. clean unit except for rare specks carbonaceous trash in light areas.		
		155.10	154.99			
	156			ARKOSE rd brn & dusky rd m-c gr arkose. mod. sorted. few granules. CO_2 matrix (high acid HCl fizz) scatt. rd brn & greyish green shale clasts & wisps. oblate pebble 155.22 - long axis 90° to core.		
		3/3				
	158	158.10				
			158.85			
		3/3	159.05	SANDSTONE dk rd brn & faint grnish blk f(m) gr felspathic sst.		
	160			ARKOSE pale dusky rd & v.lt grnish gry mottled c(m) gr arkose. 10-15% CO_2 matrix grains not interlocked - "mozaic" texture. occasional pebble		

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer Survey 150m : 83° depression.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 8 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dingo Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465E 5119 N
COLLAR RL 287.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	160			numerous calcite veins up to 5cm wide. few shale clasts in top 2m - rare below 161m. 161.10 2cm calcite filled fracture.		
		161.10		∠ core axis movement ∠ & dirn.		
				fractures with slickensides: 161.43 78° 26° up.		
	162			162.67 62° 37°		
		3/3		163.09 65° 32° up		
				163.50 70° 5° up.		
	164	164.10		164.0 calcite coated joint/fracture 164.55 66° 50° up.		
				165.5 87° 65°		
			165.2			
		3/3		~165.2 rock becomes quartzite, v. hard & tough. numerous calcite veins.		
	166			mottling disappears. red brn colors occur in stringers & recalcified shale wisps rimming pebbles & larger granules, hematite as specs & blotches throughout.		
		167.10				
	168		168.28			
		3/3		SANDSTONE/QUARTZITE v. H grnish gry f-m gr felspathic sst, quartzitic "mozaic" texture - 15% matrix. hematite as blebs & blotches in slaty wisps around qtz pebbles or calcareous concretions. numerous calcite veins fracture slickensides on calcite veins ~ 3-4/m density. tce chlorite.		
	170	170.10		fracture 169.08 60° 45° down.		
				rare dusky red mottles.		
		3/3				
	172		172.20	base 30cm. select disturbed zone - recal - loss of fine slumps & texture.		
		173.10		SANDSTONE dusky red - v. H grnish gry m gr felspathic sst chloritic shale clasts, wisps & partings. few fractures in chloritic partings. anastomosing calcite veins, mica, rare pebble.		
	174			173.90-174.4 quartzite, v. fractured 173.9-174.0 abund. calcite veins		
		3/3				
				175.46 low angle fracture - Mn, limonite "solution marks".		
	176	176.10		175.56 calcite, limonite, Mn coated fracture void.		
				base 30cm shale clasts common.		
	178	3/3	177.94			
			178.21	SANDSTONE dk rd brn - dk gm. blk f gr. sst abund. mica & chlorite carbonaceous.		
				SANDSTONE dusky red with few grnish gry patches m gr felspathic sst. tough silicified. few scattered red brn shale clasts - often tough & slaty tce mica.		
		179.10		179.35 & 179.85 fracture voids - calcite seals, well brn limonite stained.		
	180			179.9 - 2cm thick calcite vein.		

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY .....
SHEET 9 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djubewila West NT 76
LOCATION Dingos Rest South Prospect.

LOG HOLE No. DRPD-4

COORDINATES 1465E 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec Run	METRES From To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	180					
		3/3		181.6 3cm red brn shale parting.		
				181.9 – 181.95 calcareous concretions, red brn & grn grey shale rimmed.		
	182	182.10		182.1 – 182.75 numerous calcareous concretions, shale clasts & wisps		
				182.32 2cm red brn shale pebble near base.		
			182.75	SANDSTONE dusky red & rare grnish grey mottled m(f) gr felspathic sst		
		3/3		occasional grnish grey chloritic shale clasts.		
	184					
		185.10		185.0 few grayish grn shale clasts common.		
				185.1 – 185.45 fracture voids with limonite & calcite xals.		
	186					
		3/3		187.5 – 188.29 scattered red brn & grayish grn shale clasts & calcareous concretions.		
	188	188.40		188.29 – 188.40 f gr micaceous, chloritic sst.		
		3/3	189.71			
	190					
			190.52	SANDSTONE dusky red brn with ple grnish grey mottled patches, f(m) gr felspathic sst. mica chlorite. ? carbonaceous matter in H. colored areas.		
		191.10		chlorite/mica parting at base.		
				SANDSTONE ple to dk red brn banded & mott. m gr felspathic sst. hematite		
	192		192.09	mica, scatt shale clasts & wisps – red brn & chloritic grayish grn. v. rare carbon.		
		2.96 / 3.0		matter in mottled areas.		
				SANDSTONE ple dusky red mottled m gr felspathic sst. chlorite, mica, rare		
				carbonaceous matter, interbedded v. H grey – ple grnish grey m gr silicified tough		
				sst with numerous calcareous concretions & calcite veins		
	194	194.10		Fractures: 192.15 69° 10° up.		
				193.15 55° 5° up		
				194.8 60° 0° up.		
				195.5 70° 90° to left.		
		3/3	195.59			
	196			SANDSTONE red brn & v. H grey to yell grey mottled (rare bands) f + m gr felspathic		
				sst. numerous anastomosing calcite veins, rare fractures few red brn shale		
			196.95	clasts at top Fracture 196.5 78° 30°.		
		197.10				
				SANDSTONE ple grnish grey to v. ple red m(f) felspathic sst. silicified – "mozaic"		
	198			texture locally common numerous calcareous concretions with shale rem.		
				calcite veins. 198.90 lge red brn shale clast with small calcite veins.		
		3/3				
			199.40			
				BCA 56°		
	200			SANDSTONE dusky red to H grnish grey mottled (few hem. bands) m gr felspathic sst.		

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer Survey at 188m: 82° depression.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 10 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD - 4

COORDINATES 1465 E 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	200			calcite veins. few fractures on shale partings. scatt. small wisps of grayish grn & red brn shale. crossbedded. tce mica chlorite. BCA 86°		
		3.04 / 3.0				
	202		202.00			
			202.80	SANDSTONE v.ple pk to v.ple grnish gray m-f gr qtz-felspar sst silicified. numerous calcareous concretions with shale rims, calcite veins, hematite blebs & blotches.		
		203.10		shale stringers.		
	204			SANDSTONE dusky red to v. light gray mottled m(c) gr. felspathic sst, crossbedded. few banded patches. few shale clasts at top - rare cross section. BCA 78°		
		2.9 / 3.0		BCA 58°		
				205.0 small fracture.		
	206	206.10		206.0 - 206.2 very fractured, calcite veins, limonite on fracture surfaces.		
				206.9 - 207.0 few calcareous concretions.		
		3.1 / 3.0				
	208			207.7 fracture void limonite, Mn coated.		
				208.3 2.2cm wide pink calcite veins 68° to core		
				208.8 1 cm " " " , slickensided 64° 14°		
		209.10		209.1 calcite vein.		
				209.5 - 210.0 abundant anastomosing calcite veins & few limonite coated fractures.		
	210		210.18	crossbedded contact BCA 40°		
		3/3		SANDSTONE dusky red - ple grnish gray m+f gr felspathic sst. 210.18 - 210.75 hematite banded (65° to core axis).		
				211.2 - 3cm pink calcite vein.		
	212	212.10		211.4 - 211.5 larger red brn silty shale clast with inclusions of calcareous concretions, v. small calcite veinlets.		
				211.4 - 211.8 abundant calcareous concretions with red & grn shale rims.		
			213.10	212.35 - 212.65 calcite veins & red brn shale partings.		
		3/3		SANDSTONE red brn to ple red m(f-) gr felspathic sst. top 50cm hematite band & x-bed. chloritic mottled sections. scattered calcareous concretions with thin shale envelopes - deformed. 214.6 - 2cm red shale (57°) 214.26 fractured red shale.		
	214		214.82			
		215.10		SANDSTONE ple dusky red & grnish gray lam. & mottled f(m) gr felspathic sst. x-bed fracture/distorted calcite rim at top. Top 50cm dk red brn with abundant grnish gray calcareous concretions & distorted calcite veinlets. mostly finely laminated with alternating chloritic & hematitic bands crossbedded and ?scoured. abundant mica. carbonaceous flecks in chloritic patches.		
	216					
		3/3				
	218	218.10				
				218.65 low angle fracture 18° to core axis.		
		3/3		219.45 calcite vein in chloritic parting.		
				219.70 fracture 65° 18° in chloritic layer. few calcar. concretions.		
	220					

DRILL No. .....
TYPE .....
DRILLER .....
Commenced .....
Completed .....
GEOPHYS. LOG .....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY .....
SHEET 11 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djuburula West NT 76
LOCATION Dingo Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 14.65 E ~~5007~~ 5119 N
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec/Run	METRES From/To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	220	3/3		220.50 becomes med dk grey - no hematite.		
		221.10		221.0 221.2 calcareous concretions 221.2 chloritic/carbonaceous layers.		
			221.79	Fractured calcite veins 221.55: 55° 37° & 221.69: 66° 50° up. mutually perpendicular		210
	223			SANDSTONE med. dk grey - med grey m felspathic sst. top 20cm - small shale clasts & wisps.	urah	211
		3/3	222.81	carbonac. micac. pyrite at top, chlorite, base 70cm sandy grn grey c-c car. conc. & chlor. shale rims. 221.84 - 221.95 V/S. URANINITE as blotches & blebs - dissem. 700cps max (BGS-15 scint.).		212
			223.22	SHALE dk grey - med dk grey pyritic, carbonaceous, silty.		
	224	224.10		SHALE/SST. dk grey pyritic carbonaceous silty shale micro layered with f-m gr qtz - felspar sst. calcite veins in some parts. disturbed and wavy lamina not uncommon. tces chlorite. 224.2 - 224.7 dominantly sst.		
			225.12	224.5 fractured.		
	226	3/3		SANDSTONE med lt grey m-c gr qtz - felspar sst, mica, scattered v. small shale clasts & wisps, carbonaceous, calcite veins, chloritic layers - usually fractured (at 225.82; 226.22; 226.47: 45°-55°). rare pyrite in shale clasts.		
			226.77			
		227.10		SANDSTONE med lt grey m(f⁻) gr qtz sst. tce felspar, scatt. v. small shale clasts & wisps, mica, carbonaceous 10% greyish well grn translucent mineral in matrix (227.10). calcite veins few fractures with calcite & tces of pyrite		
	228			crossbedded.		
		3/3		228.94 - 229.66 abundant calcareous concretions with shale rims, chloritic partings. calcite veins.		
	230	230.10		229.8 - 230.4 abundant calcareous concretions with dk grey shale clasts (heavily pyritic)		
			230.53			
			231.40	SANDSTONE med grey f gr qtz - felspar sst. carbonaceous, rare pyrite. chloritic. laminated & x-bedded, few calcite veins with rare pyrite		
	231	3/3		SANDSTONE med. grey m-f gr qtz sst. tce felspar, abund. chloritic shale clasts		
			232.56	& calcar. concret. at top. 231.92 - 232.02 ch/sst slump. sst. dykes. base 25cm FAULT PUGH.	FAULT	
		233.10	233.24	SILTSTONE v. dk. grey carbonaceous, tce pyrite, calc. veins & few fractures. rare shale		
	234			SANDSTONE med grey - med lt grey f-m gr qtz sst tce felspar, mica, carbonaceous matter as flecks often concentrated in micro layers with mica, scattered grnish grey silty shale clasts, chloritic - locally common. few calcareous concretions, calcite veins. base 50cm abundant calcar. concret. with shale & carbon stringers in wiggly forms.		
		2.9/3.0				
	236	236.10		235.23 - 235.53 dom. f gr sst. micro lamina. carb. matter.		
			236.39			
		2.1/3.0		SILTSTONE/SHALE disturbed interlayers siltS & sh. interbeds. dk grnish grey becoming dk red brn by 237.60, abundant chlorite & carbonaceous material in grey areas abund. mica. calcite veins often fractured & broken along graphitic layers. 237.11 - 237.66		
	238		237.96	abund. calcar. concret. - slumped. tces red colour in siltS. rare pyrite. coalified plant debris 237.2 - 237.4		
		239.10		SANDSTONE med lt grey (top 20cm v. pale dusky red) f-m gr qtz sst. tce felspar. mica chlorite. scatt. small blebs of dk red hematite throughout. fracture surfaces limonite coated. rare carb. matter as flecks. 239.30 - fracture 6° to core axis.		
	240	3/3	239.90	239.78 3cm FAULT breccia with calcite veins - clay filled. rare pyrite ~70° to core.		

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Sample Nos. Prefixed NT76.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 12 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT Djukumula West NT 76
LOCATION Dingo's Rest South Prospect

LOG HOLE No. DRPD-4

COORDINATES 1465E ~~5037~~ 5119 N.
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° mag.

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	240			SILTSTONE dusky red brn & dk red brn silts. rare f gr sst & shaley interbeds. fractured - usually along shale partings.		
		3/3		241.54 & 241.52 1cm fault pugs red brn clay filled.		
				241.80 - 3cm fault pugh - breccia - shale & calcite vein remnants ~ 90° to core. few fractures below this parallel to core clay & calcite filled.		
	242	242.10	242.00	SANDSTONE med. grnish grey f-m gr qtz feldspar sst with v. pale red mottles & v. rare red brn hematitic bandings. mica. rare carbonaceous matter. chlorite. fractures at 244.6 - limonite coated.		
		3/3		242.20 - 242.36 dk m. red brn f gr sst. laminated. few shale & chlorite partings.		
	244					
		245.10	245.10			
	246			T.D. 245.10m.		
	248					
	250					
	252					
	254					
	256					
	258					
	260					

DRILL No.
TYPE
DRILLER
Commenced
Completed
GEOPHYS. LOG

NOTES
Inclinometer at 241m: 82° depression.

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY G.P.
DRAWN BY G.P.
CHECKED BY
SHEET 13 OF 13 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD -3

COORDINATES 1568 E 5101.5 N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	0			Alluvium / Soil		
	1					
	2		2.00			
				sandstone: f: grayish orange pink - pale red;		
	3					
	4		4.00			
				sandstone: f-m; very light gray - grayish orange pink; predominantly quartz; moderate feldspars; traces of micas; traces of pebbles/granules		
	5					
	6		6.00			
				sandstone: f(m); grayish orange pink - pale red; mostly quartz; traces of feldspars; traces of micas; traces of pebbles;		
	7					
	8					
	9					
	10					
	11		11.00			
				sandstone; m-f; very light gray - greenish gray; predominantly quartz; moderate feldspars (white - ? kaolinised - greenish gray); traces of muscovite; few pebbles/granules;		
	12			few shale;		
	13		13.00			
				sandstone: m-c; grayish orange pink - grayish pink; predominantly quartz; moderate feldspars; traces of micas; traces of pebbles/granules;		
	14			c-m; moderate pebbles/granules		
	15		15.00			
			15.50	Sandstone: m(f); grayish orange pink - pale red; predominantly quartz; traces of feldspars; traces of micas; shale - red brown;		
	16			few shale;		
				Shale; pale red - brown red - moderate red; hematitic; few siltstone: grey white; hematitic;		
	17					
	18		18.00	Shale: moderate reddish brown - pale reddish brown; hematitic; traces of muscovite;		
				Sandstone: vf-f; pale red - dark reddish brown; hematitic; micas;		
	19		19.00			
				sandstone: f-m; grayish orange pink - pale red; mostly quartz; trace to moderate feldspars; traces of micas;		
	20					

DRILL No.
TYPE Formobile
DRILLER Rockdrill #1
Commenced 4.10.76
Completed 21.10.76
GEOPHYS. LOG γ-Log;

NOTES TD. 147.11 m
LD.

Hole prematurely stopped due to caving ground

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY GPK
DRAWN BY GPK
CHECKED BY
SHEET 1 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT: NT-76
LOCATION: Dingo's Rest South

LOG HOLE No.: DRPD-3

COORDINATES: 1568 E 5101.5 N
COLLAR RL: 828.0
ANGLE FROM HORIZONTAL: -90° DIRECTION: -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	20			+ moderate/abundant shale: mod. red. brown with few greenish-gray spots/patches;		
	21		21.00			
			21.50	sandstone: m-c; light gray-pinkish gray; pred. quartz; mod. feldsp; tr. of micas; few shale; moderate reddish brown, less grayish green mottled;		
	22		22.50	shale: moderate reddish brown-pale reddish brown; hematitic;		
	23			sandstone: m (c); light gray-pinkish gray; mostly quartz; traces to moderate feldspars; traces of muscovite; moderate biotite;		
	24		24.00			
	25			sandstone: m (f); light gray-pinkish gray; predominantly quartz; traces of feldspars; traces of micas; + few shale/siltstone; greenish gray-grayish red or mottled greenish-red;		
	26					
	27					
	28		28.00			
	29			sandstone: m-f; very light gray (-greenish gray)-pinkish gray; predominantly quartz-moderate feldspars; traces of micas; occasional pebbles; + moderate shale/siltstone: greenish gray; + traces shale/siltstone: greenish gray;		
	30			+ traces shale/siltstone: greenish gray;		
	31			+ traces shale/siltstone: greenish gray;		
	32			+ moderate shale/siltstone: greenish gray-less grayish red;		
	33			+ moderate shale/siltstone: greenish gray-less grayish red;		
	34		34.00			
	35			sandstone: f-m; grayish pink-very light gray; predominantly quartz; traces to moderate feldspars; traces of micas; few pebbles; few grayish-green or grayish red shale/siltstone;		
	36					
	37					
	38					
	39		39.00			
	40			sandstone: m; very light gray-pinkish gray; mostly quartz; moderate feldspars traces of micas; few pebbles;		

DRILL No.:
TYPE: Foxmobile
DRILLER: Rockdrill #1
Commenced: 4.10.76
Completed: 21.10.76
GEOPHYS. LOG: γ-log

NOTES: TD. 147.11 m
LD.

WATER TABLE:
DEPTH OF WEATHERING:

LOGGED BY: LWA
DRAWN BY: LWA
CHECKED BY:
SHEET 2 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT: NT-76
LOCATION: Dingo's Rest South

LOG HOLE No.: DRPD-3

COORDINATES: 1568 E 5101.5 N
COLLAR RL: 888.0
ANGLE FROM HORIZONTAL: -90° DIRECTION: -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	40			sandstone: m-c; grayish pink; predominantly quartz; moderate feldspars; traces of micas; abundant/moderate pebbles; few shale/siltstone (gray-greenish);		
	41			pinkish gray-very light gray;		
	42			sandstone: c-m; grayish pink-grayish orange pink; moderate pebbles; traces of shale/siltstone (gray-greenish);		
	43			m-c: pinkish gray-very light gray; predominantly quartz; moderate feldspars; traces of micas; quartz; moderate/abundant granules/pebbles;		
	44			c-m;		
	45			c-m;		
	46			c-m;		
	47			m-c;		
	48					
		48.52	48.52	sandstone: m-c; very light gray-grayish orange pink with few pale orange mottles; very tough;		
	49	1.74 / 1.74	48.95 / 49.15	sandstone: m; grayish red-grayish orange pink banded; very tough; mostly quartz; abundant feldspars; traces of micas; few granules;		
	50					
		50.26		sandstone: c-vc; medium-light gray/very pale orange with some grayish orange pink (arcosic); mottles/patches; predominantly quartz (subangular) angular; abundant feldspars (v. pale orange-grayish orange pink-moderate orange pink); traces of micas; moderate/abundant clay clasts (mostly moderate reddish brown/dark reddish brown-grayish red); occasional pebbles and granules; very tough;		
	51	3.00 / 3.00				
	52					
	53	53.26	53.10			
	54		53.80	sandstone: vc; grayish orange pink-grayish red; as before but more porous; moderate granules/pebbles; few limonitic spots/patches (grayish orange/d. yell. orange);		
	55	2.97 / 3.00	54.50	sandstone: m; grayish red with some grayish green mottles; very tough; very well sorted; few coarse grained layers (lenses); sometimes layers with moderate micas; (biotite/mica); sandstone: c-vc; light gray-greenish gray with few grayish orange pink patches; mostly quartz; abundant/moderate feldspars; abundant clay clasts; moderate granules/pebbles;		
	56		54.75	sandstone: m-c; very light gray-greenish gray with abundant grayish orange pink mottles;		
		56.26	56.20	sandstone: c-vc; light greenish gray with abundant red brown, less gray greenish clay clasts/whisps; moderate granules/pebbles;		
			56.45			
	57		57.10	sandstone: m; very light gray-greenish gray-pinkish gray; very tough;		
			57.45	sandstone: c-m; very light gray-pinkish gray/greenish gray; abundant whisps;		
	58	2.98 / 3.00	58.05	sandstone: m; very light gray-greenish gray/pinkish gray; very tough; very well sorted; mostly quartz; moderate/abundant feldspars; traces of micas;		
	59			sandstone: vc-c; very light gray-greenish gray/pinkish gray with few grayish red-pinkish gray patches/mottles; very abundant clay whisps (red brown-grayish green); abundant granules; moderate pebbles; 60.10m-cobble;		
		59.26	59.30			
	60			sandstone: c-vc; very light gray-greenish gray with some grayish red/pinkish gray		

DRILL No.:
TYPE: Fox mobile
DRILLER: Rockdrill #1
Commenced: 4.10.76
Completed: 21.10.76
GEOPHYS. LOG: γ-log

NOTES: T.D. 147.11 m
L.D.

WATER TABLE:
DEPTH OF WEATHERING:

LOGGED BY: Lea
DRAWN BY: Lea
CHECKED BY:
SHEET 3 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76 LOG HOLE No. DRPD – 3 COORDINATES 1568E 5101.5N

LOCATION Dingo's Rest South COLLAR RL 888.0

ANGLE FROM HORIZONTAL –90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	60			patches/mottles; very tough; predominantly quartz (sub angular);		
	61	233/236		abundant/moderate feldspars (v. pale orange – pinkish gray – seldom moderate orange pink); traces of micas;		
	62					
		62.62	62.20			
	63		63.10	Sandstone: c–m; very light gray – grayish orange pink/grayish red; very tough; predominantly quartz (subangular/angular); moderate feldspars;		
	64	262/264		traces of micas, but from 62.85–62.70m greenish gray micaceous layers/muscovite/biot/chlorite/sericite sides; 69°;		
	65	65.26		sandstone: c–vc; light gray-pinkish gray/grayish orange pink – grayish red pebbles; very tough; predominantly quartz (subang/angular); moderate/abundant feldspars; traces of micas; trace/moderate clay whisps, mostly red brown and gray-green; few pebbles/granules		
	66		65.95	pebbles: at: 63.35 m; 63.60m; 64.55m; 66.85m; cobble: 65.25m.		
	67	299/299	66.80	sandstone: m (–c); very light gray-greenish gray with grayish orange pink/grayish red till pinkish gray mottles;		
	68			Sandstone: vc–c; very light gray – pinkish gray – grayish orange pink; abundant/moderate feldspars (pinkish gray – white – moderate orange pink);		
		68.25		traces of micas; moderate clay whisps (red brown – gray green); few		
	69		68.85	granules/pebbles		
	70	301/301		sandstone: vc: light gray – grayish red with few light gray/very pale orange patches strongly veined; porous; mostly red brown/grayish red whisps (or clay clasts) – abundant till very abundant; moderate till abundant pebbles and granules (68.95m; 69.15m; 69.50m; 69.60m; 69.15m); cobble: 70.25m; limonitic spots (grayish yellow		
			70.50			
	71	71.26		sandstone: vc–c; very light gray – grayish pink/grayish orange pink; very tough; mostly quartz; moderate/abundant feldspars (pinkish gray – white); traces till moderate clay		
	72		71.75	whisps (red brown/grayish red); occasional traces of pebbles;		
	73	300/300	72.20	sandstone: vc; very light gray – with few gray – greenish/pinkish gray spots gray red/grayish orange pink mottles/patches; few limonitic spots; porous; mostly quartz; very abundant feldspars (v. pale orange – white – mod. orange pink); traces of micas; moderate to traces of pebbles (71.80–72.35 – 72.40m – 73.00, 73.15m), partly abundant		
	74	74.26	74.20	sandstone: c–m; very light gray – greenish/granules, mod. to traces of clay whisps; gray with grayish red/grayish orange pink bands; very tough;		
			74.50	↳ sandstone: vc; very light gray – greenish gray, a bit pinkish gray; very tough; predominantly quartz (subang/subrounded); pred. quartz; abundant		
	75			feldspars; traces of micas; abundant/moderate greenish clay whisps (less		
	76	300/300		red brown – pale reddish brown); abundant granules; few pebbles;		
	77	77.26	77.05	sandstone: c–vc; very light gray partly abundant pinkish/greenish gray; occasional grayish red bands or mottles; mostly quartz; abundant/mod. feldspars; traces of micas; occasional granules/pebbles; traces of clay whisps;		
	78		77.50	sandstone: c–m; very light gray/greenish gray, a bit pinkish gray/grayish orange pink mottled; very tough;		
	79	300/300	78.90	sandstone: c–vc; very light gray/greenish gray with pinkish gray/grayish orange pink/grayish red patches; very abundant/abundant clay whisps;		
			79.20	sandstone: m (c); grayish green/grayish orange pink/grayish red few pebbles; mottled; predominantly quartz; moderate feldspars; tr. of micas;		
	80					

DRILL No. .....

TYPE Foxmobile

DRILLER Rockdril #1

Commenced 4.10.76

Completed 21.10.76

GEOPHYS. LOG. γ-Log

NOTES TD. 147.11 m

LD.

WATER TABLE .....

DEPTH OF WEATHERING .....

LOGGED BY Gm

DRAWN BY Gm

CHECKED BY .....

SHEET 4 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT: NT-76
LOCATION: Dingo's Rest South

LOG HOLE No.: DRPD-3

COORDINATES: 1568 E 5101.5 N
COLLAR RL: 888.0
ANGLE FROM HORIZONTAL: -90°
DIRECTION: -

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	80	80.26		sandstone: c-vc; very light gray-greenish gray with very pale orange-greyish orange pink-pinkish gray patches/mottles; very tough; predom quartz (subangular); abundant feldspars (pinkish gray-v. pale orange-white, seldom mod. orange pink); traces of micas; moderate fil abundant gray-greenish clay whips; few redbrown;		
	81					
	82	3.00/3.00				
			82.40			
	83	83.26		sandstone: m-f; grayish green-grayish red banded; micaceous (muscov/biot/chlor);	m	
			83.40	sandstone: c-vc; as above from; 79.20-82.40m;		
	84		83.65	sandstone: m-f; grayish green-grayish red; banded; micaceous (muscov/biot/chlor); sandstone: vc-c; as above from 79.20-82.40m;	m	
	85	3.00/3.00	85.70	sandstone: vc; light gray-grayish red with few light gray/pale orange patches; more weathered; from 84.60m-85.30m very porous; abundant/very abundant redbrown clay clasts (whips); abundant granules, moderate pebbles; limonitic spots;		
	86	86.26		sandstone: c-vc; very light gray-greenish gray with grayish orange pink (pinkish gray/grayish red mottles/bands; predominantly quartz (subangular/angular); abundant feldspars (v. pale orange-white-pinkish gray, less mod. orange pink); traces of micas; traces of clay whips (grayish green-grayish red);		
	87					
	88	3.00/3.00	88.20			
	89	89.26		sandstone: c-vc; as above from 85.70-88.20m; but more clay whips (moderate, occasional clay clasts (mostly redbrown/grayish red)		
	90					
			90.40			
	91	3.00/3.00	90.90	sandstone: m (f); grayish orange pink/grayish red-pinkish gray with few light greenish gray bands; very tough; very well sorted; predomin quartz (subangular); moderate feldspars; trace-tr moderate feldspars; trace-tr moderate micas (biotite/muscovite);		
	92					
		92.26		sandstone: c-vc; very light gray-pastly greenish gray/pinkish gray with grayish red/grayish orange pink patches/bands/mottles; very tough; mostly quartz; abundant feldspars; traces of micas; tr-tr abundant clay whips-seldom clay clasts/greenish gray-grayish red-redbrown, few granules/pebbles;		
	93		93.20			
	94	3.00/3.00	93.25	sandstone; m (f); as above from; 90.40m-90.90m;		
	95	95.26				
	96			sandstone: c-vc; very light gray-pastly greenish gray/pinkish gray with grayish red/grayish orange pink patches/bands; very tough; predominantly quartz (subangular/angular); abundant feldspars (pinkish gray-white-seldom pale orange); traces of micas; tr-tr occasional moderate or abundant clay whips (few clasts), mostly grayish red/redbrown or greenish gray; occasional granules/pebbles;		
		2.00/2.00				
	97	97.26				
	98					
	99	3.12/3.12				
	100					

DRILL No.:
TYPE: Foxmobile
DRILLER: Rockdrill #1
Commenced: 4.10.76
Completed: 21.10.76
GEOPHYS. LOG: γ-log;

NOTES: TD. 147.11 m
L.D.

WATER TABLE:
DEPTH OF WEATHERING:

LOGGED BY: bw
DRAWN BY: bw
CHECKED BY:
SHEET 5 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT: NT-76
LOCATION: Dingo's Rest South
LOG HOLE No.: DRPD-3
COORDINATES: 1568 E 5101.5 N
COLLAR RL: 8880
ANGLE FROM HORIZONTAL: -90° DIRECTION: -

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	100	100.35				
	101		101.15 / 101.30	sandstone: m (f); grayish orange pink / grayish red-pinkish gray with few light greenish gray bands; very tough; mostly quartz; mod. feldspars; mod/traces of mica		
	102	310/312		sandstone: c-vc; very light gray-greenish gray with pinkish gray / seldom grayish red patches / mottles; mostly quartz; abundant feldspars (v. pale orange-white-pinkish gray-mod. orange pink); traces of micas; trace/tl moderate clay whisps (gray-greenish and red brown); slickenside at 102.75: 25° - calcite;		
	103		103.20			
		103.50		sandstone: m-c; very light greenish gray with pale orange / grayish orange pink-pinkish gray mottles; less bands; very tough; mostly quartz (subangular); abundant feldspars (v. pale orange-pinkish gray-white); traces tl/moderate micas (biotite / muscovite); traces of clay-whisps / red brown-gray-greenish);		
	104		104.85			
	105	310/310		sandstone: m-c: very light gray-greenish gray and grayish red / grayish orange pink bands / few mottles; very tough; rest as above from: 103.20-104.85 m		
	106					
		106.60	106.35	sandstone: c-vc; very light gray-greenish gray with grayish red / grayish orange pink / pinkish gray patches; very tough; abundant limonitic (grayish yellow) spots / patches; predominantly quartz; abundant feldspars; traces of micas, abundant clay whisps (grayish red-greenish gray-pale olive) (few pebbles / granules) (strongly weathered; more joints)		
	107		107.30			
	108	310/310		sandstone: c-vc; very light gray-greenish gray with grayish red / grayish orange pink / pinkish gray patches; very tough; predominantly quartz; abundant feldspars; traces of micas; traces of clay-whisps;		
			108.80			
	109		109.05	sandstone: c; very light gray-pale orange, some dark yellowish orange and grayish / yellow orange (limonite) patches / spots; often on joints; predomin. quartz (subang/subrounded); abund./mod. feldspars, traces of micas;		
		109.70				
	110					
	111	310/310		sandstone: c (-vc); very light gray-partly greenish or pinkish gray with moderate tl/abundant grayish orange pink / grayish red patches; mostly quartz (subangular/subrounded); moderate/abundant feldspars (very pale orange-white-pale pinky-mod. orange pink); traces of micas; traces of clay whisps (red brown-less grayish green); occasional pebbles / granules;		
	112					
		112.80	112.70	pebbles: 110.10 m; slickensides: At: 110.80 m - 62°		
	113		113.40	sandstone: m-c; feldsp; banded and mottled; purple red and pale green-gray; traces of micas; (110.75 m; 111.00 m - 29°; 111.55 m; 111.45 m - 29°; 116.60 m - 68°)		
	114					
		312/315		sandstone; c-vc; gray, feldspathic; mottled; purple red and pale green-gray, minor brown; whisps and pellets of red and gray-green clay; pebbles from 114.6-115.0 m; traces of mica;		
	115					
	116	115.95	115.90	as above with strong 2 limonite streaking		
			116.10			
	117			sandstone; c; feldsp; banded and mottled. purple red and pale green-gray; minor limonitic bands and fracture fill-ing; trace of mica;		
	118	320/331				
	119					
		119.26	119.26	sandstone: c-vc; feldspathic; mottled; purple red and yellow; moderately abundant clay pellets; red-green and yellow		
	120					

DRILL No.:
TYPE: Foxmobile
DRILLER: Rockdrill #1
Commenced: 4.10.76
Completed: 21.10.76
GEOPHYS. LOG: γ-Log

NOTES: TD. 147.11 m
LD.

WATER TABLE:
DEPTH OF WEATHERING:

LOGGED BY: PWG/WA
DRAWN BY: PWG/WA
CHECKED BY:
SHEET 6 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76 LOG HOLE No. DRPD-3 COORDINATES 1568 E 5101.5 N

LOCATION Dinga's Rest South COLLAR RL 888.0

ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	120		120.7			
	121	100%		sandstone: c, mottled and banded; purple red and pale green-gray; clay pellets moderately abundant in part; pebbles: 121.2-121.3 m; traces of mica;		
	122		122.10			
			122.60	sandstone: m-c; thinly banded, dark gray-red; moderately abundant clay pellets; cobble at 122.25 m, feldsp; traces of mica;		
	123	100%		sandstone: c; feldspathic; mottled and banded; purple red and pale green-gray; rare to moderat. abundant red clay pellets traces of micas;		
	124		124.50			
	125			sandstone: c; feldsp. purple red and pale green-gray; mottled; light banded, rare to abundant red and green clay pellets;		
	126		125.80			
				as for 122.6 - 124.5 m;		
	127	100%	127.10			
	128			sandstone: c; feldspathic; purple red and pale green-gray; mottled, abundant red and green whisps and pellets of clay; large red clay clast at 128.7 m; minor granules and pebbles;		
			128.70	sandstone: c: feldspathic; strongly aligned, abundant whisps and pellets and red and green-gray clay; purple red and green gray rock;		
	129		129.20			
	130	100%		sandstone: c; feldspathic; banded and mottled; dk. purple red and green-gray; rare to moderately abundant red and green gray clay pellets; traces of mica;		
	131		131.10	sandstone: c; dark purple red; strong limonitic staining; probably on pervasive microcavitings		
			131.35			
	132		131.90	sandstone: c. feldspathic; mottled; pale purple red and light gray; traces of mica; fracture at 131.9 m;		
	133	200/300		sandstone: c-vc; some granular. kaolinized feldspars; white, vuggy, moderately abundant green-gray clay pellets; 1m core loss, probably 132.2-133.3 m; this zone includes a cobble; large red shale clast at 134.26-134.3 m		
	134		134.30			
	135		135.20	sandstone: c; feldspathic: mottled and banded; dark purple red and green-gray; traces of mica; pebble 134.25 m; red red clay pellet		
	136	170/300		sandstone: c-vc: feldspathic; white kaolinized; v. minor pale purple red mottling; moderately abundant green-gray clay pellets; 1.3 m core loss in the bed;		
	137		137.26			
	138	085/065	138.00	as for 134.3-135.2 m		
	139	160/300		sandstone: c-vc; kaolinized. v. minor pale red bands; rare to moderately abundant green-gray claystone; 1.4 m core loss in the section		
	140					

DRILL No. .....

TYPE Foxmobile

DRILLER Rockdril #1

Commenced 4.10.76

Completed 21.10.76

GEOPHYS. LOG γ-Log

NOTES TD. 147.11 m
C.D.

WATER TABLE .....

DEPTH OF WEATHERING .....

LOGGED BY PWG

DRAWN BY PWG

CHECKED BY .....

SHEET 7 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-3

COORDINATES 1568 E 5101.5 N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	140	160/300	140.7	sandstone: c; feldsp.; mottled and banded; purple red and green-gray; pebble: 140.9m		
	141		141.1			
			141.4	→ as from 138.0-140.7m		
	142					
	143	210/300		sandstone: c, feldsp: mottled and banded: dark purpl. red and green-gray; traces of mica; minor pebbles; feldspars kaolinized towards bottom of section; small amounts dull black mineral (H-5-6) on fractures at 142.1 – 142.3 + 143.1 m;		
	144		144.3			
	145			sandstone, vc; feldsp. bleached; v. minor pelered bands, in pt trace of mica; dull black mineral (H-5-6) on fracture planes from 146.4-147.0 m;		
	146	300/300				
	147		147.11			
	148		TD		TD	

DRILL No.
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 4.10.76
Completed 21.10.76
GEOPHYS. LOG 8-Log

NOTES TD. 147.11 m
LD.
Hole prematurely stopped due to caving ground

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY PWG
DRAWN BY PWG
CHECKED BY
SHEET 8 OF 8 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT: NT-76
LOCATION: Dingo's Rest South

LOG HOLE No.: DRPD-2

COORDINATES: 15875 E 5098 N
COLLAR RL: 888.0
ANGLE FROM HORIZONTAL: -90° DIRECTION: —

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	0		—	Alluvium / soil		
	1					
	2					
	3		3.00	sandstone: m-c (vc); grayish orange pink - grayish pink; poor sorted; moderate feldspars; traces of micas; few granules/pebbles - sometimes moderate; traces of abundant grayish green - grayish red mottled shale - chips partly chloritic;		
	4					
	5					
	6					
	7					
	8		8.00	sandstone: f (m); grayish orange pink; very well sorted; predominantly quartz (subangular/angular); moderate/abundant feldspars (mod. reddish orange - moderate pink - v. pale orange); traces of micas; few light greenish/pale yellowish green clay clasts		
	9					
	10					
	11		11.00	Shale; pale reddish brown - moderate reddish brown; hematitic;		
	12					
	13		12.50	sandstone: f (m); moderate orange pink - grayish orange pink; very well sorted; mostly quartz (subangular/angular); traces/mod. feldspars; traces of micas (biotite and muscovite), hematite; occasional granules/pebbles;		
	14					
	15		15.00			
	16			sandstone: m-c; grayish orange pink - grayish pink; predominantly quartz (subangular/angular) moderate feldspars; traces of micas few granules/pebbles;		
			16.50	Shale: moderate reddish brown - pale reddish brown; hematitic; some dark yellow/pale olive (limonitic) clay spots;		
	17		17.00	sandstone: c-m: light gray - pinkish gray; predominantly quartz, moderate feldspars; traces of micas (biotite/muscovite);		
	18		18.00	Sandstone: f (m): moderate orange pink - grayish orange pink; very well sorted; mostly quartz (subang/angular); traceful moderate feldspars; traces of micas (biotite/muscovite);		
	19		19.00	Siltstone: grayish red - dark reddish brown; hematitic; micaceous;		
	20		20.00			

DRILL No.:
TYPE: Foxmobile
DRILLER: Rockdril #1
Commenced: 30.9.76
Completed: 4.10.76
GEOPHYS. LOG: γ-log;

NOTES: TD. 133.80m
Rods bogged;
Hole prematurely abandonned by the contractor, due to caving ground;

WATER TABLE:
DEPTH OF WEATHERING:

LOGGED BY: CGK
DRAWN BY: CGK
CHECKED BY:
SHEET 1 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 15875 E 5098 N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	20			Sandstone: f-m; grayish orange pink - moderate orange pink; predominantly quartz; moderate feld spars; traces of micas/biotite - muscovite - chlorite);		
	21					
				f-m; few greenish gray - pale green shale/siltstone chips		
	22		22.00			
				Sandstone: m-f; grayish orange pink; predominantly quartz; moderate feldspars; traces of micas; few granules/pebbles;		
	23					
	24		24.00			
				sandstone: m (f); very light gray - pinkish gray; mostly quartz; trace to moderate (white - v. pale orange) feldspars; traces of micas;		
	25			m (f); few granules/pebbles		
	26					
				m-f;		
	27					
				m-f;		
	28					
				m-f;		
	29					
				m (f); few pale green/pale red siltstone chips;		
	30		30.00			
				sandstone: m-f; very light gray - pinkish gray; predominantly quartz; moderate/abundant feldspars (white - v. pale orange);		
	31			traces of micas; granules/pebbles (traces);		
				+ Siltstone: grayish red - mod. red brown, pale green mottled; hematitic;		
	32		32.00	micas;		
				sandstone; f-m; very light gray - pinkish gray; mostly quartz; mod. feldspars (v. pale orange - mod. orange pink); traces of micas		
	33			few pale green/shale/siltstone chips;		
				redbrown		
	34		34.00			
				sandstone: m-c; very light gray - pinkish gray; predominantly quartz; moderate to abundant feldspars (white - v. pale orange - mod. orange pink); traces of micas; few granules/pebbles; some		
	35			m (f); pale green shale/siltstone chips, micaceous		
	36					
				m (f);		
	37					
				m (f);		
	38					
	39		39.00			
				sandstone: c-m; grayish pink (- very light gray) - grayish orange pink; mostly quartz moderate/abundant feldspars; traces of micas; moderate granules/and pebbles; occasional		
	40					

DRILL No.
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-log

NOTES TD. 133.80m

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY Lox
DRAWN BY Lox
CHECKED BY
SHEET 2 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 1587.5 E 5098 N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	40			few siltstone/shale; gray greenish-redbrown;		
	41					
	42					
	43					
	44					
	45					
	46		46.00			
	47			sandstone: m-c; grayish orange pink - pinkish gray; few pebbles/granules;		
	48					
	49		49.00	sandstone: c-m; grayish pink (-very light gray) - grayish orange pink; predominantly quartz; moderate feldspars; traces of micas; some granules/pebbles; compare above: from 53.85-59.60 m;		
	50					
	51					
	52					
	53					
	54	53.85	53.85			
	55	1.95 / 1.95		sandstone: m-c: very light gray - (-greenish gray) - grayish orange pink/very pale orange; occasional abrt grayish red banded (from 58.85-59.10 m); very tough; predominantly quartz (subangular-angular); traces til moderate feldspars (light pinky-white-pale orange); traces of biotite and muscovite; moderate		
	56	53.80				
	57	3.00 / 3.00		tr/traces clay clasts; partly traces partly moderate granules/pebbles; few small limonite spots (grayish orange);		
	58			pebbles: 53.90-95 m — larger clay clasts: 57.10 m; cobble: 56.70-75 m — mostly redbrown 58.55 m; pebbles: 58.20-25 m — less gray green: 59.55 m;		
	59	58.80		58.60-65 m; 58.75-85 m;		
	60		59.60	cobble: 67.00 m; sandstone: c-vc; very light gray (-greenish gray) - pinkish gray		

DRILL No.
TYPE Foxmobile
DRILLER Rockdrill #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-log;

NOTES TD. 133.80m

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY Cox
DRAWN BY Cox
CHECKED BY
SHEET 3 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Pingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 1587.5 E 5098 N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL −90° DIRECTION

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	60	300/300		predominantly quartz (sub angular/angular); moderate (abundant) feldspars (white-pinkish gray-v. pale orange); occasional a bit greenish gray		
	61			traces of micas (biotite/muscovite); traces til moderate small greyish		
	62	61.60		orange (limonite) spots; moderate granules; few pebbles; abundant til moderate small clay-/siltstone clasts; mostly redbrown-grayishred		
				less grayish green (chlorite); cobbles 63.80-85 m;		
	63	300/300		pebbles: 60.90; 62.10; 62.45; 62.15-62.25; large clay clasts: 62.85-62.10; 62.33-35 m; 62.45 m; 62.70 m;		
	64		63.95			
		64.80		sandstone: m (c); very light gray (-greenish gray) grayish orange pink/pinkish gray or very pale orange mottled; tough; very well sorted;		
	65			predominantly quartz (angular/sub angular); moderate/abundant feldspars (white pinkish gray-very pale orange-occasional gray-green); traces of biotite/muscovite;		
	66	300/300	66.25	traces of small clay clasts (red brown-seldom gray green; joints (limonitic); 34°-29°		
			66.75	sandstone: m (f); grayish orange pink/pale red with few very light grayish green-greenish gray patches (mottles); very tough; moderate biotite; traces of muscovite;		
	67		67.40	sandstone: vc-c; very light gray-greenish gray-grayish orange pink/very pale orange mottled; very tough; mostly quartz (sub angular-angular); abundant feldspars;		
	68	67.80	67.85	sandstone: m (f); as before from 66.25-66.75 m; traces of micas; few pebbles; moderate granules, mod. clay clasts;		
				a bit more greyishred bands;		
	69	300/300		sandstone: m (c); as above from: 63.95-66.25 m; occasional pebbles: 68.60 m; 68.75 m; 69.50 m (cobble); at 68.35 m joint: 64°-limonitic;		
	70		69.80	sandstone; c-(vc); very light gray-white/moderate orange pink spotted; very tough;		
			70.10	sandstone: f-m; grayish orange pink/moderate red with light greenish gray bands; very tough; mostly quartz, traces of feldspars/micas; porous; few red-brown small clay clasts;		
		70.80	70.25			
	71		71.75	sandstone: c-vc; very light gray-white/grayish orange pink-very pale orange mottled; very tough; some limonitic spots/patches; mostly quartz (subangular/angular); traces/moderate feldspars; traces of biotite/muscovite; few granules/pebbles; traces-partly moderate (69.60-75 m) clay clasts; mostly redbrown, few grayish green;		
	72	300/300				
	73					
	74	73.80		sandstone: c-m (vc); very light gray-greenish gray-very pale orange with abundant til moderate more grayish orange pink-pale red mottled parts, occasional grayish red fine laminated (bands) parts: 72.40-80 m; 77.35-55 m; 74.30-40 m;		
	75	300/300				
	76					
	77	76.80		predominantly quartz (subangular/angular); moderate/abundant feldspars; (v. pale orange-pinkish gray-white); traces of micas (muscovite); occasional moderate biotite; traces of granules/pebbles; traces til atly moderate/abundant small light greenish gray/redbrown clay clasts: pebbles: 74.25 m; 77.25 m; 79.50 m; clay clasts abundant; 77.00-77.30 m; very abundant: 78.65-79.20 m; abundant: 79.40-79.50 m;		
	78					
		300/300				
	79					
	80	79.80	79.65	sandstone: m; very light gray-greenish gray with abundant grayish		

DRILL No.
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-Log:

NOTES TD. 133.80 m

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY lya
DRAWN BY
CHECKED BY
SHEET 4 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 1587.5 E 5098 N
COLLAR RL 888.9
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	80			orange/palered mottled; very tough; clay clasts (red brown/gray green) from: 81.40–81.60 m and		
	81	300/300		81.90–82.30 m abundant;		
	82					
	83	82.80	82.90	sandstone: m: grayish orange pink – grayish red (palered) with some light greenish gray mottles/bands; very well sorted; in parts moderate to abundant micas (biotite/muscovite/chlorite);	m	
	84	300/300	84.25			
	85			sandstone; c–vc; light gray – grayish orange pink/palered; very tough; mostly quartz (subangular/angular); moderate feldspars; traces of micas; abundant small (mm-size) clay clasts (red brown – grayish green) few granules/pebbles: at 85.90 m larger gray green clay clasts		
	86	85.80	86.10	from 86.00–86.05 m clay clast + pebble;		
	87	300/300		sandstone: c; very light gray – greenish gray with pinkish gray/grayish orange pink (grayish red) mottles; very tough; very well sorted; predominantly quartz (subangular/angular); moderate/abundant feldspars (white-pinkish gray-v. pale orange); traces of micas; partly moderate to abundant greenish gray (chlorite) less red brown clay clasts (max. ϕ 5 mm)		
	88					
	89	88.80	88.75 / 88.85	↳ siltstone/shale: grayish green – grayish red; hematitic; micaceous;		
	90			sandstone: c; as above from 86.10–88.75 m;		
	91	300/300	90.85	sandstone: m (fl.) grayish red/grayish orange pink – very light gray/greenish gray with few siltstone-bands (greenish gray – grayish red, mica rich (chlorite/muscovite);		
	92	91.80	91.45			
	93	300/300		sandstone: c–m; very light gray – greenish gray – very pale orange with grayish orange pink/pale red to grayish red mottles; occasional a bit more banded; very tough; predominantly quartz (subangular/angular); moderate feldspars; traces of micas; traces to moderate clay clasts (very small – mm-size); mostly grayish green, less red brown – grayish red; occasional granules/pebbles; larger clay clast: 94.20 m; pebbles: 93.70–75 m; 94.25 m;		
	94					
	95	94.80				
	96					
	97	300/300				
	98	97.80				
	99		98.95	sandstone: m: very light gray – grayish green with abundant grayish orange pink patches/mottles; very tough; very well sorted; mostly quartz (subangular/angular); moderate feldspars; traces		
	100	300/300				

DRILL No.
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-log

NOTES TD. 133.80 m

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY Wa
DRAWN BY Wa
CHECKED BY
SHEET 5 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 1587.5E 5098N
COLLAR RL 888.0
ANGLE FROM HORIZONTAL ..... DIRECTION –

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Graphic Log	Sample No.
	100		100.10	of micas: sometimes in layers moderate (muscovite – chlorite – biotite);		
		100.80		sandstone: c–vc; very light gray – greenish gray – very pale orange – grayish orange pink		
	101			mottled; very tough; mostly quartz (subang – subrounded); abundant feldspars (v. pale		
			101.35	orange – mod. orange pink – grayish orange pink); traces of micas; some limonitic spots/patches		
	102			sandstone: f (m); grayish		
		297/300	102.45	abundant small clay clasts (redbrown – gray green); spotty green orange pink/grayish red with light gray – greenish gray lenses, partly		
				mineral		
	103			grayish red banded; tough; moderate micas (biotite/muscov./chlorite) abundant clay pellets		
				sandstone: m (f); very light greenish gray (– very pale orange) with few orange pink –		
	104	103.80	104.15	grayish red mottles; very tough; v. well sorted; mostly quartz; moderate feldspars; traces of micas (biotite/muscovite); 103.65 – 103.67m mica =		
				rich fine grained sandstone – pale yellowish green;		
				sandstone: c–vc; very light greenish gray – pinkish gray – grayish orange pink;		
	105	300/300		very tough; moderate til abundant redbrown or greenish gray		
				clay clasts (ishisps); traces of granules/pebbles from 105.45 – 60m		
	106			medium grained sandstone; grayish red – very light gray banded;		
			106.35			
		106.80		sandstone: m (f); very light gray/greenish gray – very pale orange – with abundant		
	107			grayish orange red – grayish red mottles and occasional laminae		
				(bands); very tough; very well sorted;		
	108		107.75			
		300/300		sandstone: c–vc; very light greenish gray – pinkish gray – grayish orange pink; very		
	109			tough; predominantly quartz (subangular/angular); abundant		
				feldspars (v. pale orange – pinkish gray – grayish orange pk); traces of micas; abundant		
				small (mm-size) gray-greenish or red brown/grayish red siltstone/shale clasts; occasio=		
	110	109.80	109.90	nal larger (cm-size) (108.75m; 108.90m; 109.00m; 109.65m); traces of granules/pebbles		
				(108.65m; 109.45m;		
				sandstone: m (f); very light gray/grayish orange – very pale orange with abundant		
	111	300/300		grayish red/pinkish gray mottles; very tough; very well sorted;		
	112		111.95			
				sandstone: vc–c; very light gray/green til pinkish gray – grayish orange pink; tough;		
		112.80		a bit more weathered limonitic colour; mostly quartz (subang		
	113			subrounded); moderate feldspars; traces of micas; trace til moderate clay clasts (redbrown		
			113.35	gray – green); few granules; some pebbles (113.20m);		
	114		114.00	sandstone: f (m); grayish red (hematitic) – grayish orange pink – fine laminated with		
		300/300	114.35	sandstone: vc–c; few pale yellowish green layers (micaceous – muscovite/chlorite);		
				light gray – pale orange/greenish gray with grayish orange pink/grayish red bands/		
	115			patches; very tough; mostly quartz; abundant feldspars; few clay clasts; some pebbles		
				sandstone: c–m; (vc); very light gray – greenish gray – very pale orange with grayish		
	116	115.80		red/grayish orange pink – pinkish gray patches/bands; very		
			116.35	tough; predominantly quartz (subang/subrounded); abundant feldspars; traces of micas		
				occasional siltstone/shale clasts; traces of granules; some limonitic and Manganese spots		
	117			sandstone: vc – c; as before from 114.35 m to 116.30m; but from 117.05 – 117.20m grayish		
		300/300	117.65	red (laminated); abundant clay clasts (gray-green – pale olive –		
	118			grayish red – redbrown); few granules/pebbles; slickensides: 68°		
				(at 117.80m		
	119	119.80		sandstone: vc – c; very light gray – greenish gray – very pale orange with moderat		
				til abundant pinkish gray/grayish orange pink mottles;		
	120			very tough; predominantly quartz (subangular/angular);		

DRILL No. .....
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-log:

NOTES TD. 133.80 m

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY Lwa
DRAWN BY Lwa
CHECKED BY .....
SHEET 6 OF 7 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-76
LOCATION Dingo's Rest South

LOG HOLE No. DRPD-2

COORDINATES 1587.5 E 5098 N
COLLAR RL 330.0
ANGLE FROM HORIZONTAL -90° DIRECTION -

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	120	257/300		abundant feldspars (very pale orange-white-pinkish gray); traces of micas;		
				moderate gray greenish siltstone/shale clasts; few granules/pebbles; silt-		
	121		121.30	stone, micaceous (sericite-muscovite);		
			121.50	sandstone: c-vc; grayish orange spotted/mottled, limonitic; — light gray-greenish gray-		
	122	121.60	121.85	sandstone: c-vc: less altered; very pale orange with abundant		
			122.35	sandstone: c-vc; less altered; grayish orange pink/gray shred patches/bands/mottles;		
				sandstone: c-vc; less altered; mostly quartz (subang/subrounded); abundant/moderate		
	123	271/300	123.20	feldspars; traces of micas; abundant clay clasts, occa		
				sandstone: c-vc; grayish orange spotted/mottled, limonitic; — sional pebbles; few granules;		
	124		124.00			
				sandstone: m-c; light gray-greenish gray-very pale orange with grayish orange pink-		
		124.80	124.75	pinkish gray mottles/bands; tough-very tough; well sorted; predominantly quartz (subangular-		
	125			angular; moderate/abundant feldspars (pale orange/yellow orange/white/pinkish gray); traces of micas;		
				sandstone: c-vc; light gray-white-yellowish gray; tough/few/moderate limonitic spots;		
	126			fil moderate tough, well sorted; porous; predominantly quartz (subrounded-subangular); mode-		
		282/300		rate til abundant feldspars (white, seldom pale orange or greenish gray (decayed to clay), partly		
			126.60	sandstone: m-c; kaolinised; traces of micas; limonite spots/patches (yellowish orange)		
	127		127.05	sandstone: c-vc; well sorted; moderate gray greenish (small) clay clasts (as lisps); oc-		
			127.35	sandstone: m-c; casional pebbels/granules; 126.55 m cobble;		
			127.55			
	128	127.60	127.70	sandstone: c-vc;		
				sandstone: m-c;		
			128.75	sandstone: c-vc; from 126.60 – 131.55 m; alternation: sandstone: m-c as from		
	129		129.00	sandstone: m-c; 124.00 – 124.75 m and sandstone: c-vc		
		267/300	129.20			
			129.65	sandstone: c-vc; as above from 124.75 – 126.60 m;		
	130		130.00	sandstone: m;		
		130.80		sandstone: c-vc; at 130.15 m cobble;		
	131					
			131.55			
	132		132.10	sandstone: m (f); very light gray-white with some grayish orange pink/pale red-pinkish		
		252/300	132.35	sandstone: vc-c; gray mottles/bands;		
			132.75	sandstone: m; very light gray-pinkish gray/grayish orange pink banded		
	133			sandstone: vc (grit): very light gray-pinkish gray/grayish orange pink (in few parts)		
				white-yellowish/greenish gray; as from 124.75 – 126.60 m but very		
	134	133.80	133.80	abundant feldspars (white); very porous; moderate til abundant		
		TD		clay clasts (gray-green); moderate/til abundant granules; few	TD	
				pebbles; 132.18 – 132.35 m few Manganese oxide-spots		

DRILL No.
TYPE Foxmobile
DRILLER Rockdril #1
Commenced 30.9.76
Completed 4.10.76
GEOPHYS. LOG γ-log;

NOTES TD. 133.80 m
Rods bogged;
Hole prematurely abandonned by the contractor; due to caving ground;

WATER TABLE
DEPTH OF WEATHERING

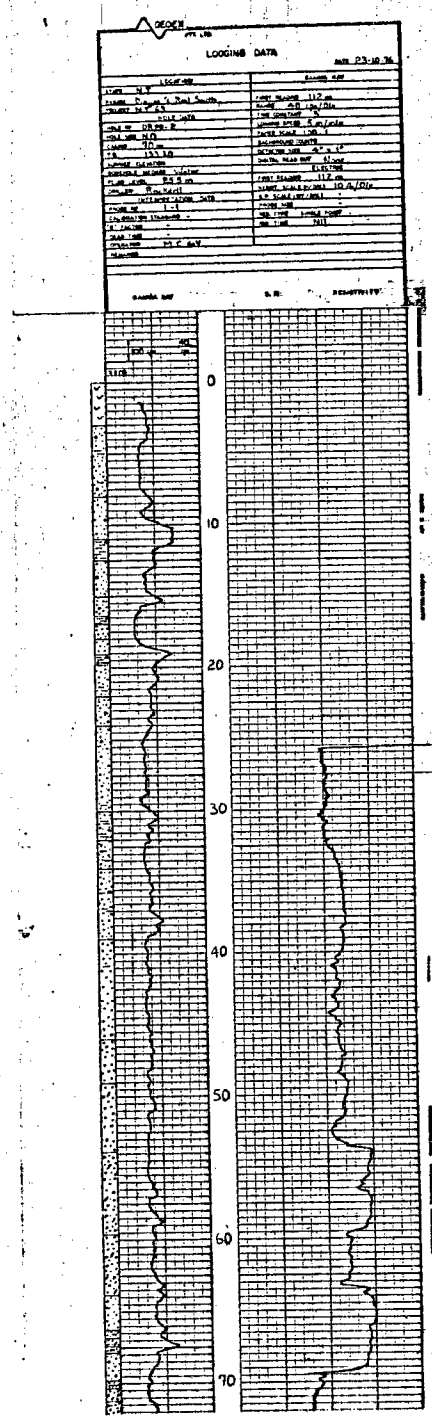
LOGGED BY
DRAWN BY
CHECKED BY
SHEET 7 OF 7 SHEETS

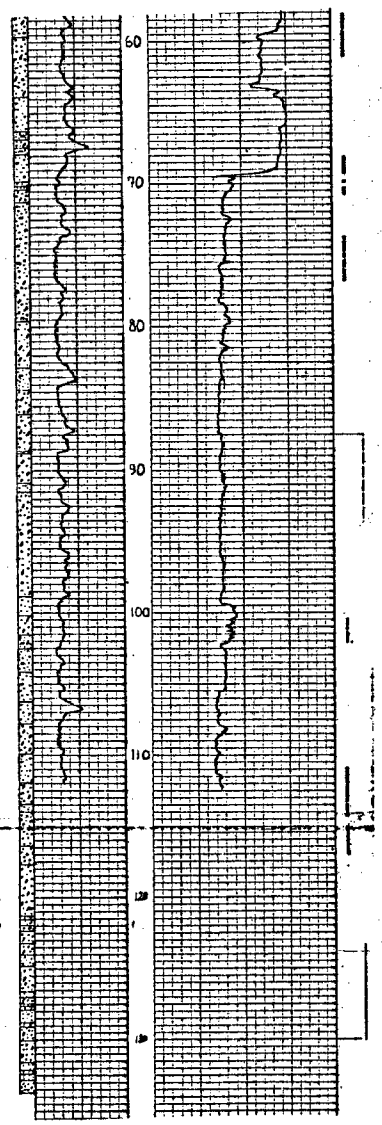
FORM 103

APPENDIX 2

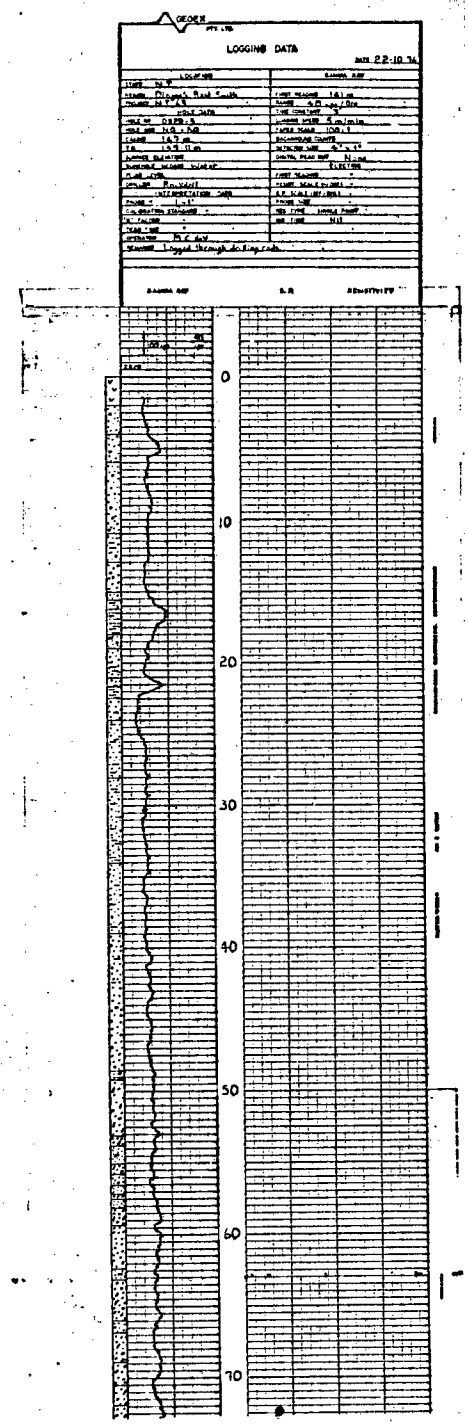
Geophysical Logs, DRPD 2-5, DRPH-6.

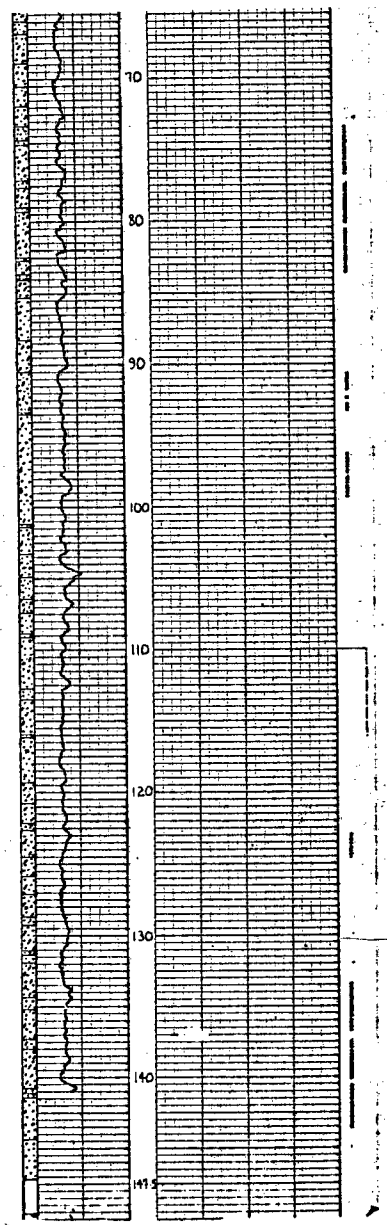
DRPD 2



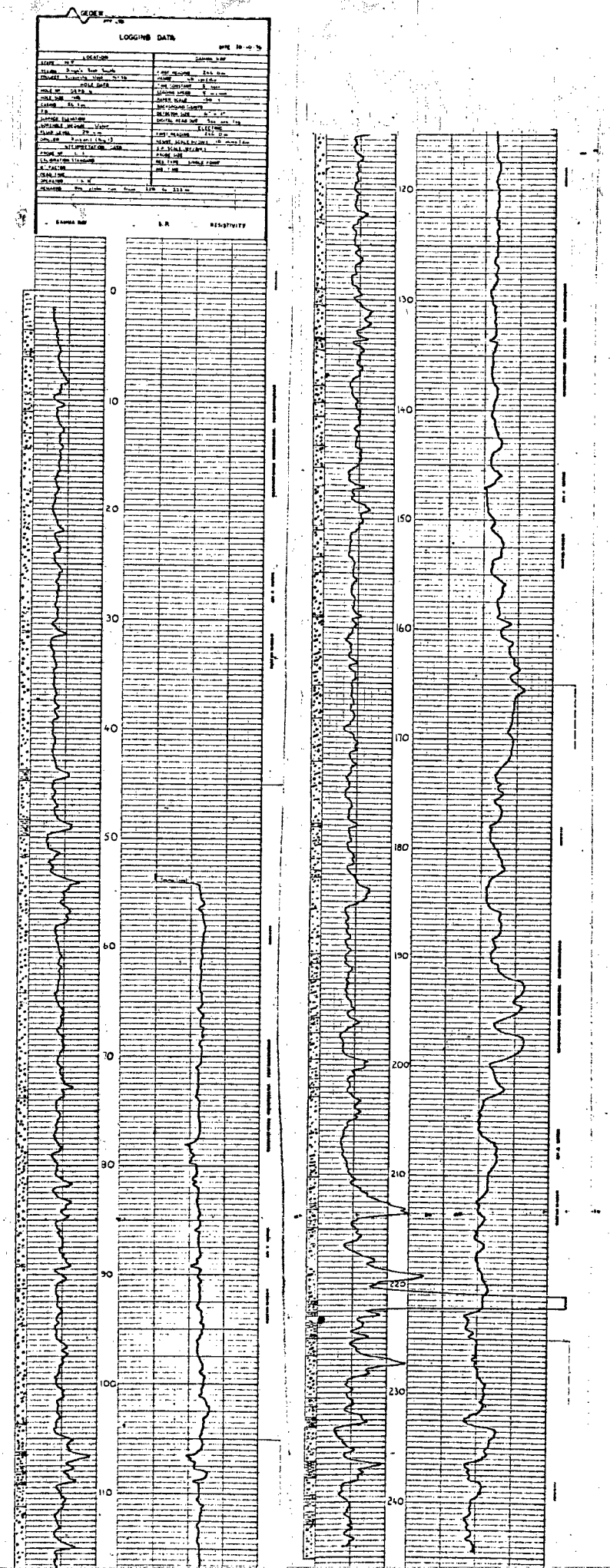


DRPD3


GEOKON
LOGGING DATA
DATE 22-10-74
0
10
20
30
40
50
60
70


70
80
90
100
110
120
130
140
149.5

DRPD 4


GEOEX
LOGGING DATA
LOCATION
HOLE DATA
INTERPRETATION DATA
ELECTRIC
GAMMA RAY
S.P.
RESISTIVITY
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
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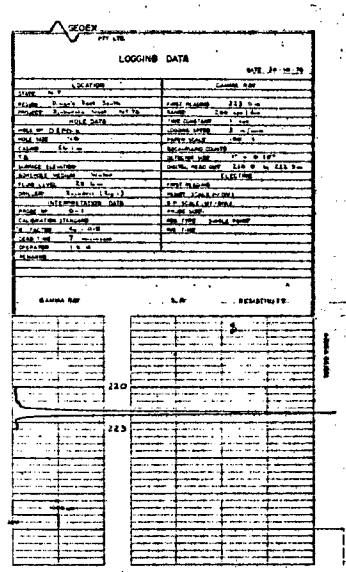
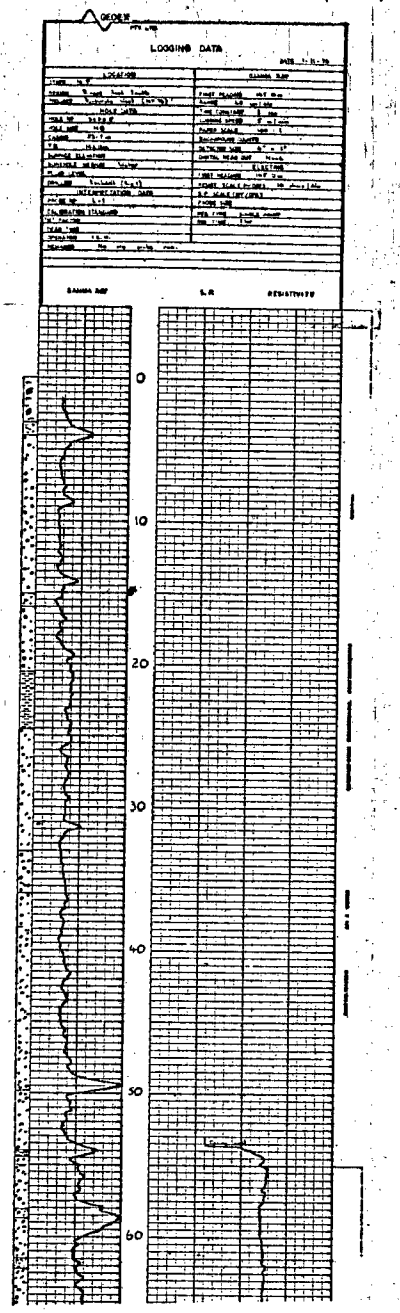
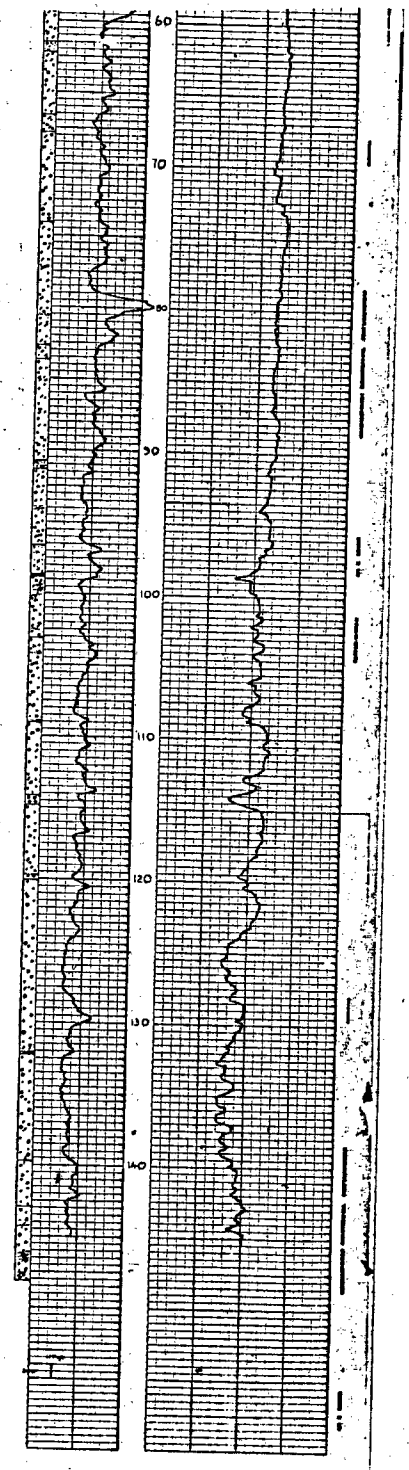
200
210
220
230
240

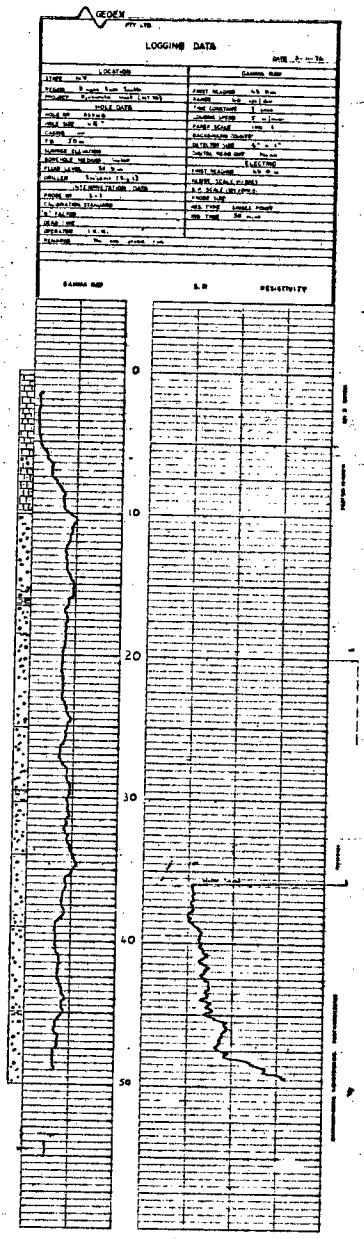

GEOEX
LOGGING DATA
LOCATION
HOLE DATA
INTERPRETATION DATA
ELECTRIC
GAMMA RAY
S.P.
RESISTIVITY
220
225

DRPD 5


GEOSCIENCE
LOGGING DATA
GAMMA RAY
S.R.
RESISTIVITY
0
10
20
30
40
50
60


60
70
80
90
100
110
120
130
140

DRPH 6


GEOKEN
LOGGING DATA
LOCATION
HOLE DATA
GAMMA RAY
ELECTRIC
GAMMA RAY
S.P.
RESISTIVITY
0
10
20
30
40
50

APPENDIX 3

Assay Sheet DRPD-4

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT 76
LOCATION DINGO'S REST SOUTH

HOLE No. DR-PD4.

COORDINATES 5119 N 1465E
COLLAR RL 887.6
ANGLE FROM HORIZONTAL -84° DIRECTION 103° M.

SAMPLE					ASSAYS										
No.	Type	From (m)	To (m)	Width (m)	U_3O_8 (ppm)	V (ppm)									
NT76/		–													
		–													
210	D	221.15 –	221.65	0.5	24	140									
211	D	221.65 –	222.15	0.5	1500	200									
212	D	222.15 –	222.65	0.5	20	130									

ASSAYS BY 1. AMDEL
& DATE 1. 30/11/76
2.
2.
3.
3.

NOTES

All Sample Numbers prefixed by NT 76

PREPARED BY D.A.H.
CHECKED BY
SHEET 1 OF 1 SHEET

FORM 104

CENTRAL PACIFIC MINERALS N.L.

SAMPLE SITE DRPD-4

PROSPECT DINGO'S REST SOUTH PROJECT NT 76 TENEMENT EL 402

SAMPLE PREFIX: NT 76 CO-ORDS 1465E : 5119N.

Sample No.	Hole Type	Depth From m.	Depth To m.	Interval m.	Remarks
210	D	221.15	221.65	0.5	no core loss
211	D	221.65	222.15	0.5	"
212	D	222.15	222.65	0.5	"

NOTES: Hole Type Percussion/Diamond Laboratory AMDEL Date Sent

Hole Type Code
D-Diamond
P-Percussion
A-Auger
O-Other

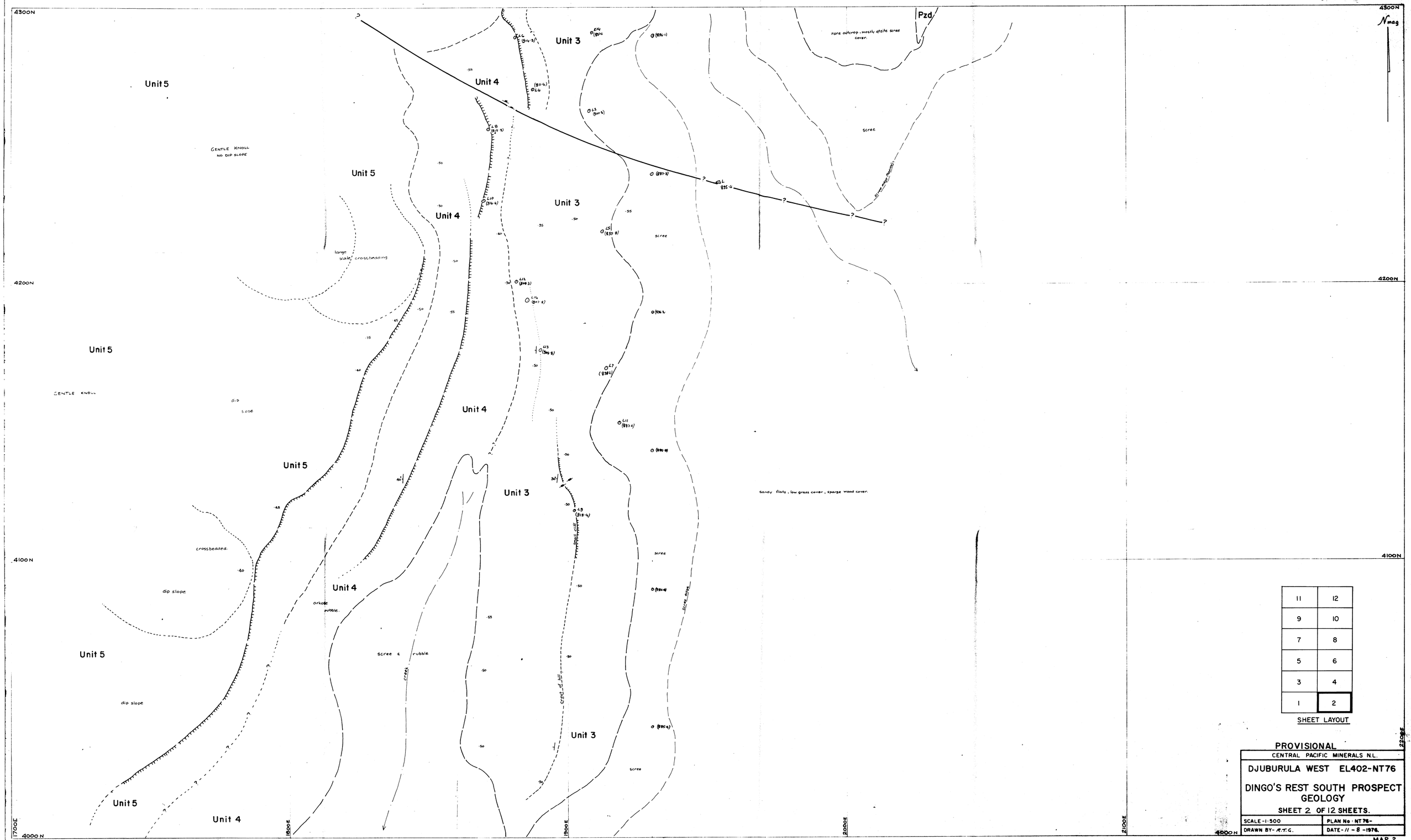
Location Map attached YES ☐ NO ☑

Geological Log Sheets sent YES ☑ NO ☐ (attached)

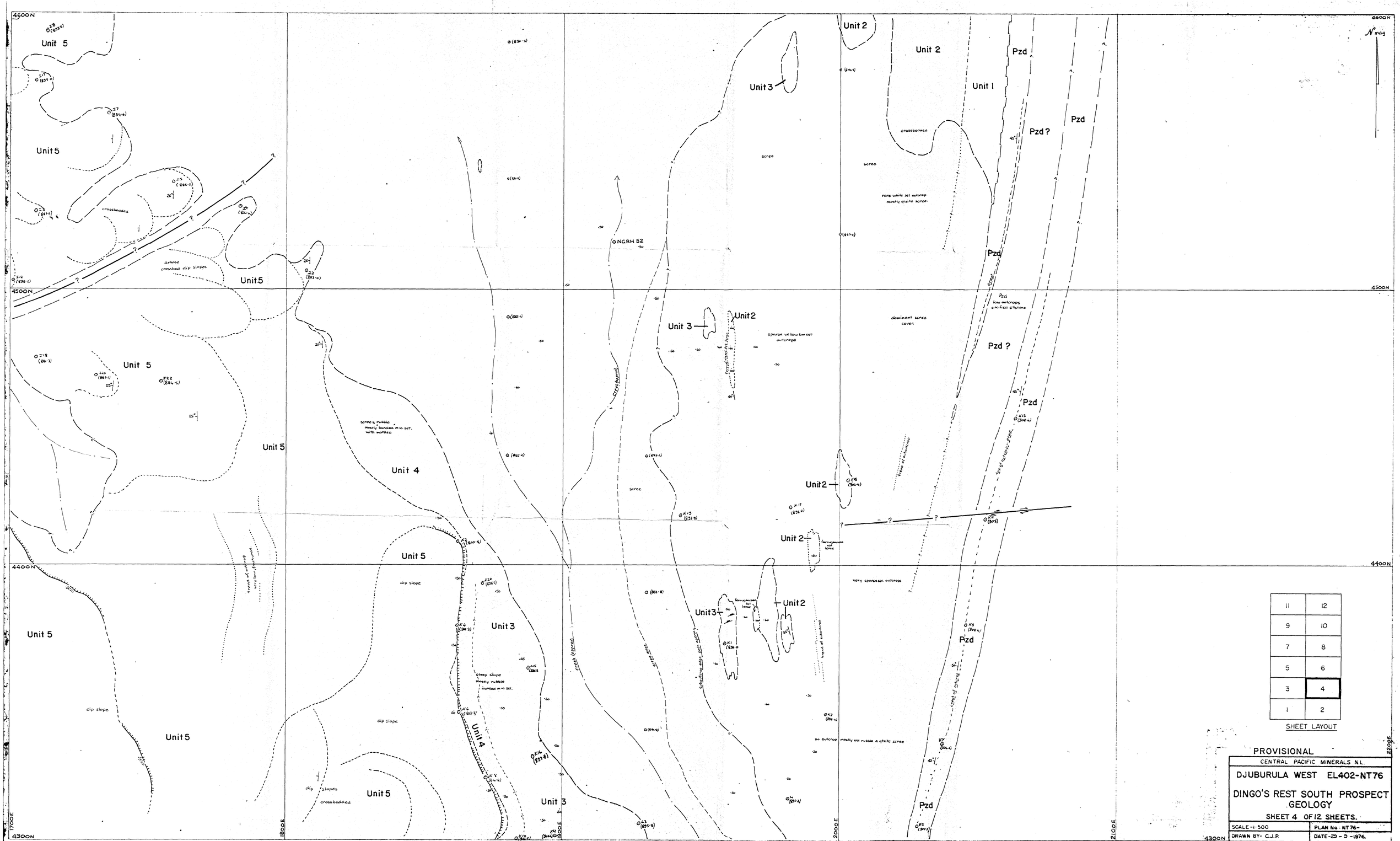
Sheet 1 of 1 sheets. SAMPLER J.K.H. DATE SENT 12-11-1976

Form 105

4300N
Unit 5
quartzite veneer
Unit 5
4200N
silicified gneiss
φ-pes
m-c gr
quartzite
Unit 5
quartzite veneer
φ pes
4100N
φ pes
Unit5
φ pes
4000N
1200E
1300E
1400E
1500E
1600E
1700E
11
12
9
10
7
8
5
6
3
4
1
2
SHEET LAYOUT
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 1 OF 12 SHEETS.
SCALE - 1:500
PLAN No: NT 76-
DRAWN BY- G.J.P.
DATE-30-5-1976.
MAP1


4300N
4200N
4100N
4000N
1700E
1800E
1900E
2000E
2100E
2200E
Nmag
Pzd
Unit 3
Unit 4
Unit 5
rare outcrop, mostly qtzite scree cover.
scree
GENTLE KNOLL
NO DIP SLOPE
large scale cross bedding
GENTLE KNOLL
DIP
SLOPE
crossbedded.
dip slope
arkose rubble.
scree & rubble
creek
crest of hill
steep cliff
scree slope
sandy flats, low grass cover, sparse wood cover.
SHEET LAYOUT
11
12
9
10
7
8
5
6
3
4
1
2
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 2 OF 12 SHEETS.
SCALE - 1:500
PLAN No: NT 76-
DRAWN BY- A.T.G.
DATE - 11 - 8 - 1976.
MAP 2

4600N
4500N
4400N
4300N
1200E
1300E
1400E
1500E
1600E
1700E
Unit5
Unit 5
dip slopes
dip slopes
dip slope
crossbedded
quartzite veneer
rubble
Outcrops/subcrops mostly fractured/broken
Dominantly outcrops with scattered subcrops of brecciated sandstone
Scale Ridge Section
Creek
SHEET LAYOUT
11 12
9 10
7 8
5 6
3 4
1 2
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 3 OF 12 SHEETS.
SCALE-1:500
PLAN No: NT76-
DRAWN BY-
DATE-
MAP 3



PROVISIONAL

CENTRAL PACIFIC MINERALS N.L.

DJUBURULA WEST EL402-NT76

DINGO'S REST SOUTH PROSPECT
GEOLOGY

SHEET 4 OF 12 SHEETS.

SCALE-1:500	PLAN No: NT76-
DRAWN BY- C.J.P.	DATE-23-3-1976.

MAP 4

4900N

4800N

4700N

4600N

1200E

1300E

1400E

1500E

1600E

1700E

11	12
9	10
7	8
5	6
3	4
1	2

SHEET LAYOUT

Unit 5

PROVISIONAL

CENTRAL PACIFIC MINERALS N.L.

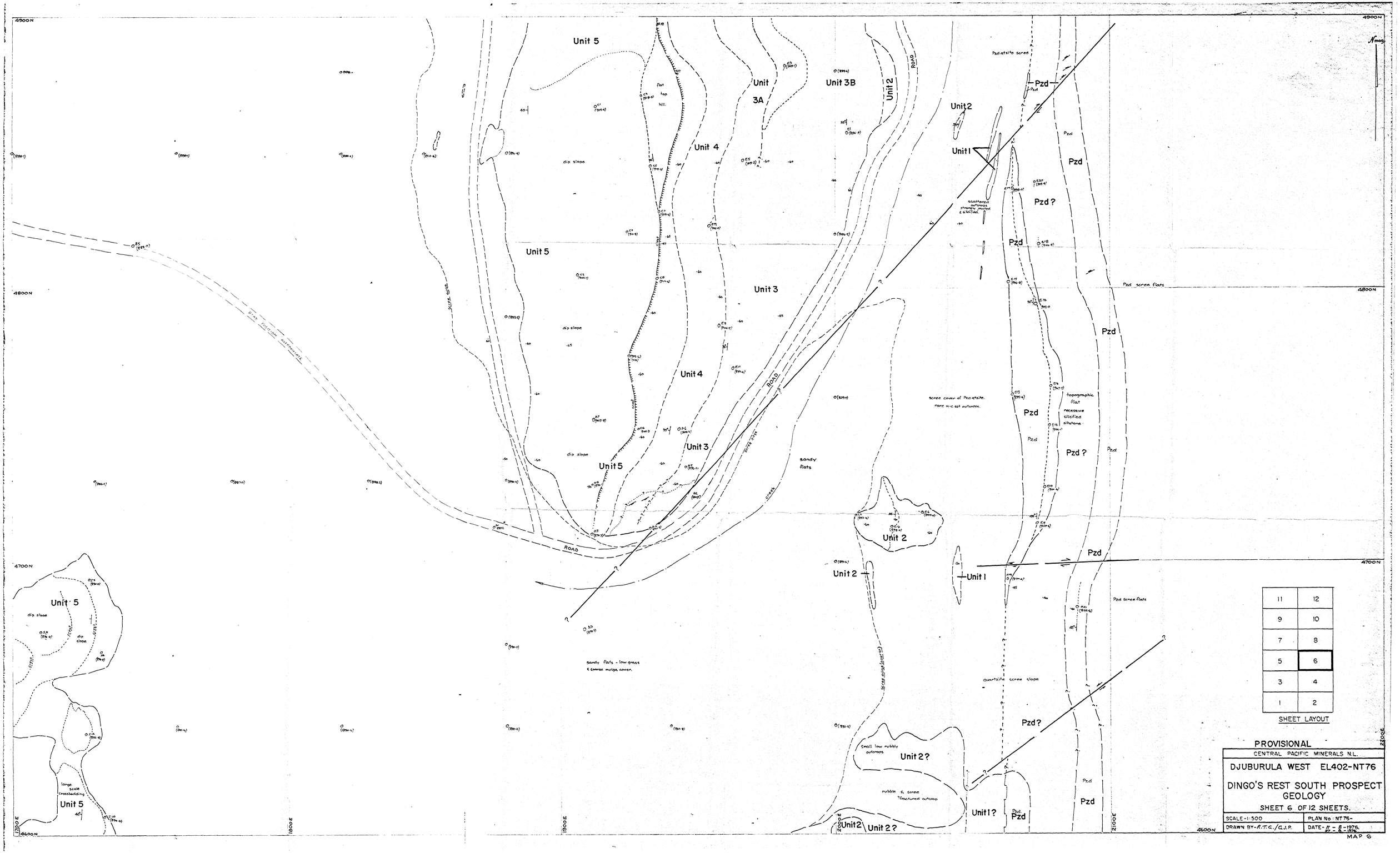
DJUBURULA WEST EL402-NT76

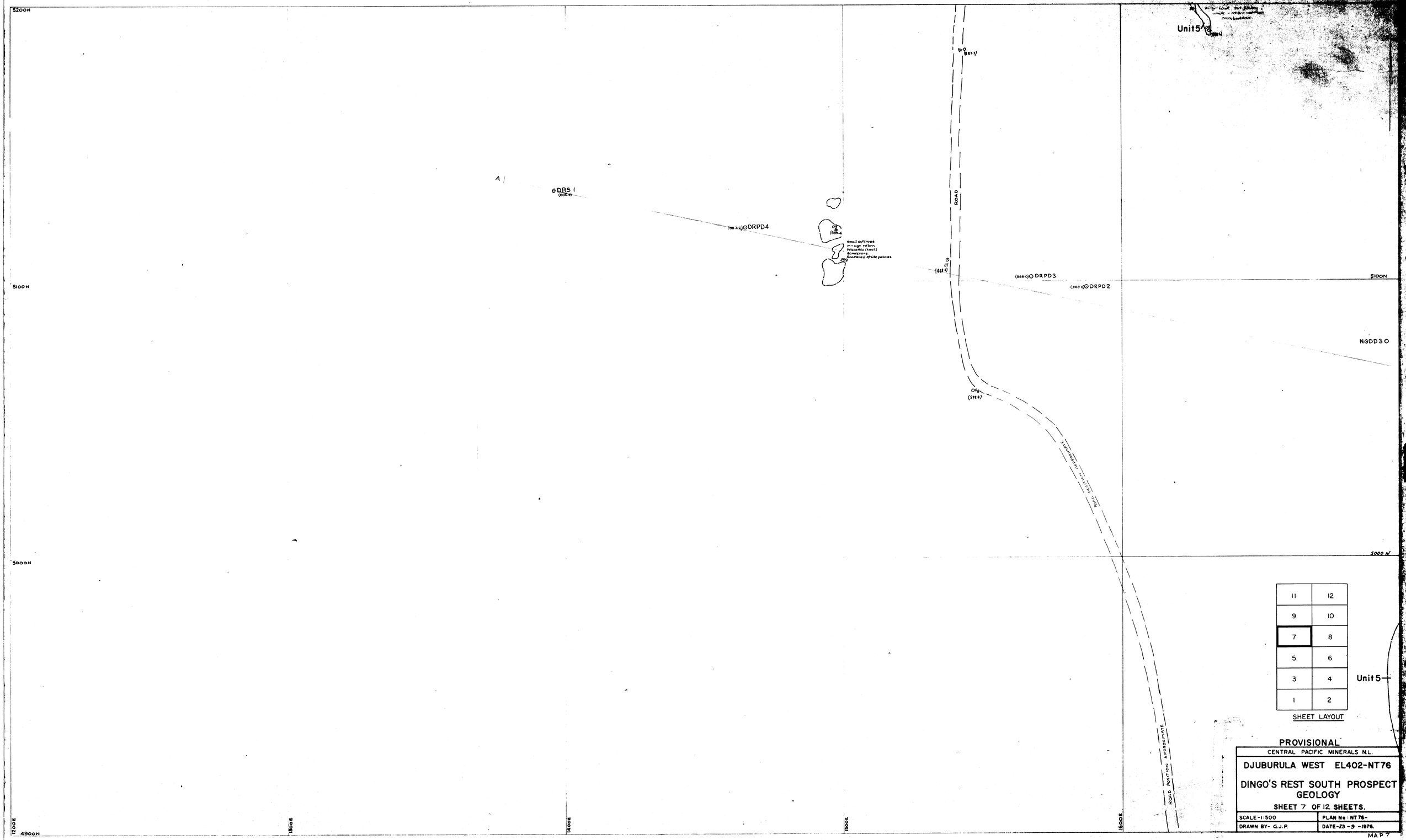
DINGO'S REST SOUTH PROSPECT
GEOLOGY

SHEET 5 OF 12 SHEETS.

SCALE - 1:500	PLAN No: NT76-
DRAWN BY- R.T.L.	DATE - 11 - 8 - 1976.

MAP 5


4900N
4800N
4700N
4600N
1700E
1800E
1900E
2000E
2100E
2200E
Unit 5
Unit 4
Unit 3A
Unit 3B
Unit 3
Unit 2
Unit 1
Unit 2?
Unit 1?
Pzd
Pzd?
ROAD
dip slope
flat top hill.
sandy flats
sandy flats - low grass & sparse mulga cover.
Pzd scree flats
quartzite scree slope
topographic flat
recessive silicified siltstone.
large scale crossbedding
rubble & scree
Small low rubbly outcrops
SHEET LAYOUT
11 12
9 10
7 8
5 6
3 4
1 2
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 6 OF 12 SHEETS.
SCALE-1:500
PLAN No: NT76-
DRAWN BY-R.T.G./G.J.P.
MAP 6


5200N
5100N
5000N
4900N
1200E
1300E
1400E
1500E
1600E
Unit 5
A
DRS 1
DRPD4
Small outcrops
m-cgr. meta.
felspathic (kaol.)
sandstone
Scattered qtzite pebbles
ROAD
DRPD3
DRPD2
NGDD3
ROAD POSITION APPROXIMATE
5000 N
5100N
11
12
9
10
7
8
5
6
3
4
1
2
Unit 5
SHEET LAYOUT
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 7 OF 12 SHEETS.
SCALE-1:500
PLAN No: NT76-
DRAWN BY- G.J.P.
DATE-25-9-1976.
MAP 7

11	12
9	10
7	8
5	6
3	4
1	2

SHEET LAYOUT

PROVISIONAL

CENTRAL PACIFIC MINERALS N.L.

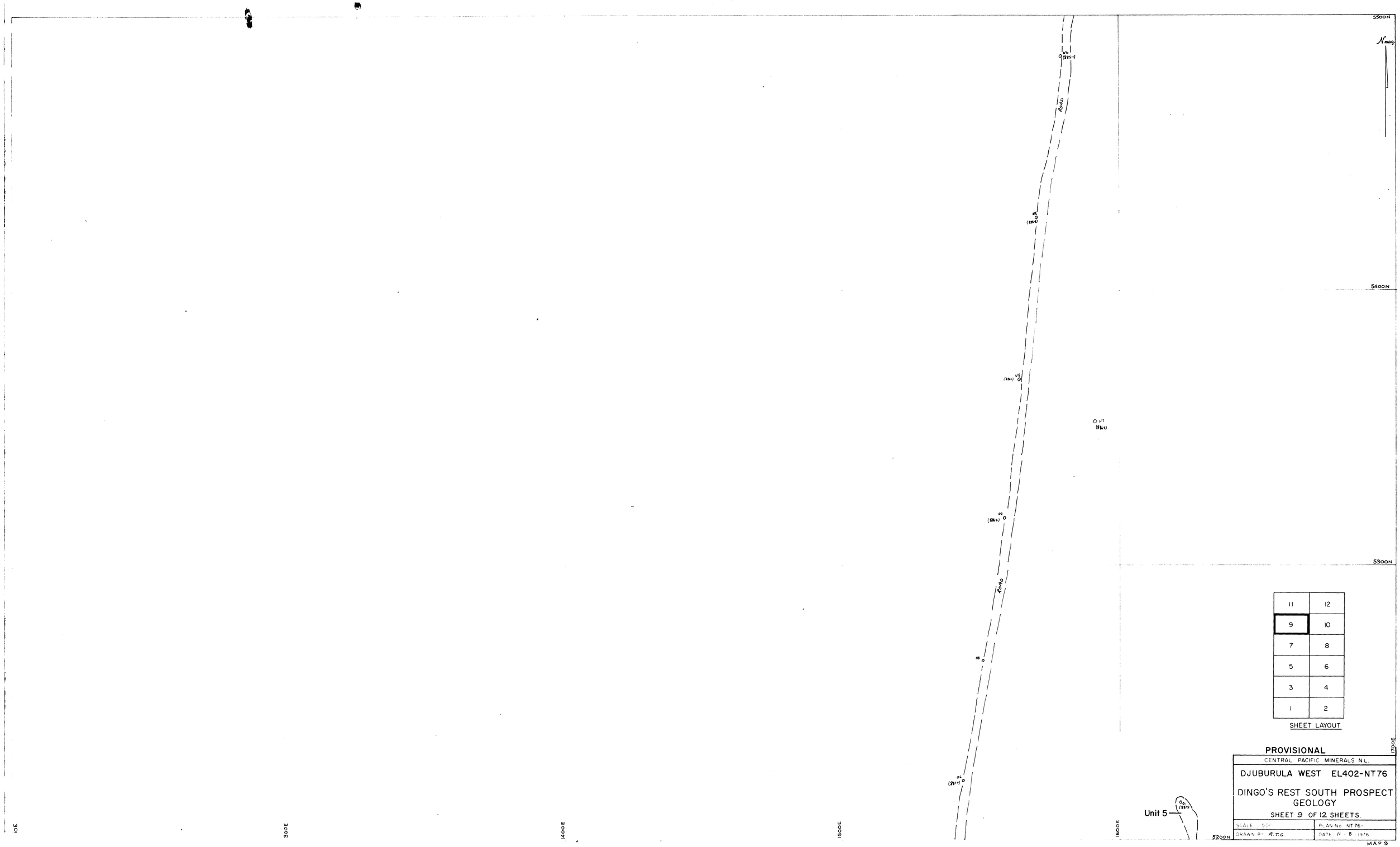
DJUBURULA WEST EL402-NT76

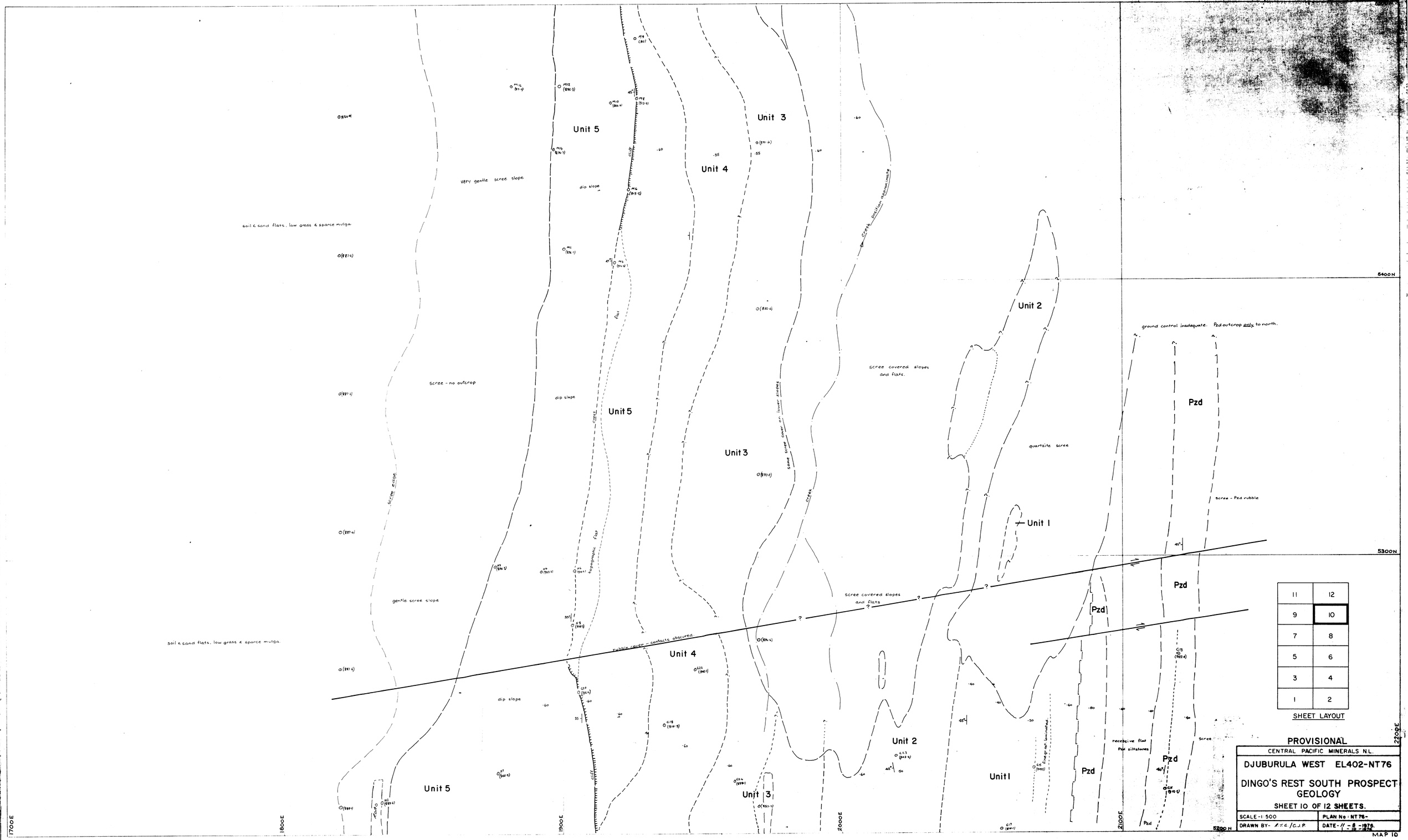
DINGO'S REST SOUTH PROSPECT GEOLOGY

SHEET 8 OF 12 SHEETS.

SCALE-1:500	PLAN No: NT 76-
DRAWN BY- G.J.P.	DATE-23-9-1976.

MAP 8


5500N
Nmag.
5400N
5300N
5200N
1000E
1300E
1400E
1500E
1600E
1700E
Road
Road
Road
Unit 5
11
12
9
10
7
8
5
6
3
4
1
2
SHEET LAYOUT
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 9 OF 12 SHEETS.
SCALE 1:500
PLAN No NT76-
DRAWN BY R.T.C.
DATE 11-8-1976
MAP 9



11	12
9	10
7	8
5	6
3	4
1	2

SHEET LAYOUT

PROVISIONAL

CENTRAL PACIFIC MINERALS N.L.

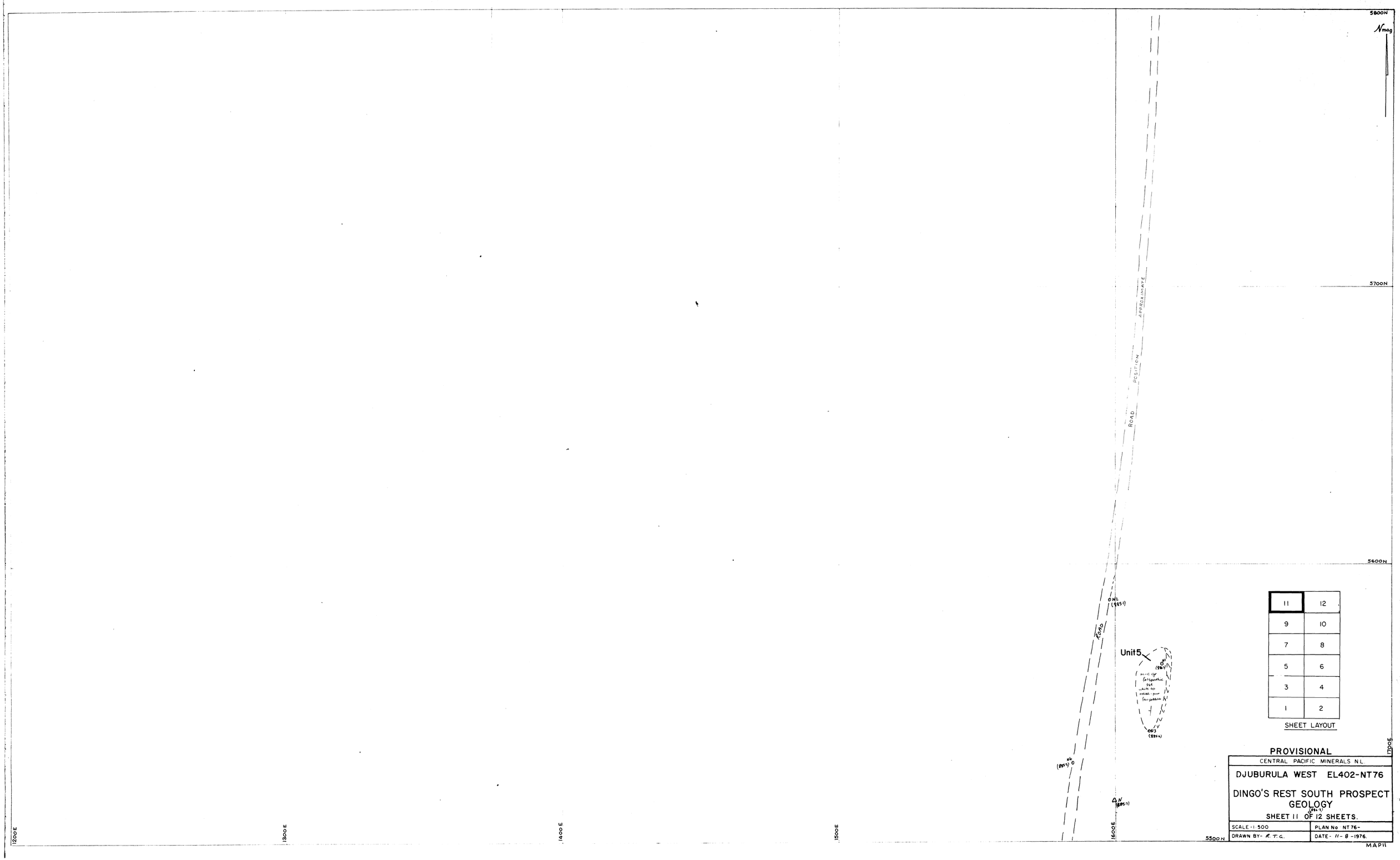
DJUBURULA WEST EL402-NT76

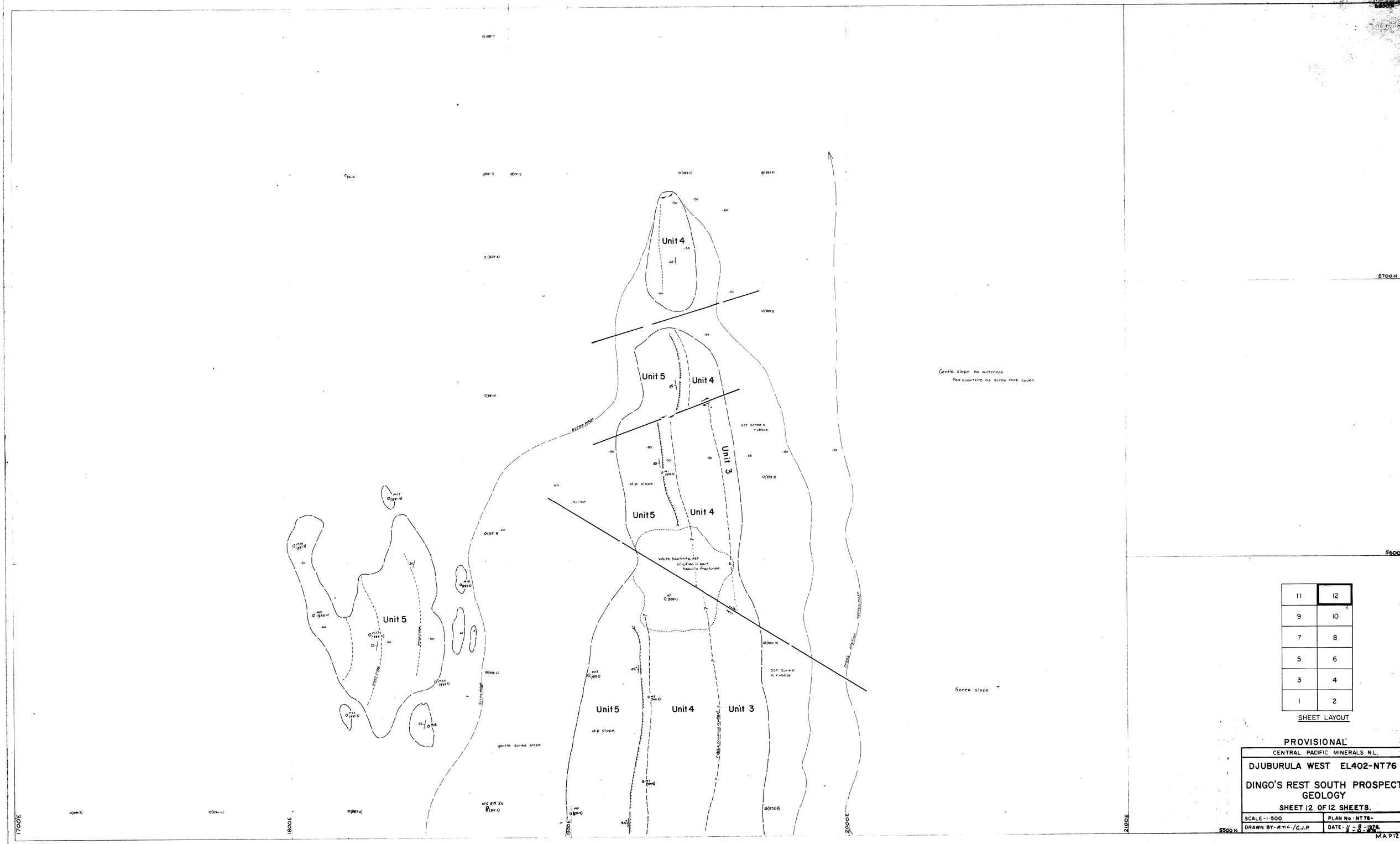
DINGO'S REST SOUTH PROSPECT
GEOLOGY

SHEET 10 OF 12 SHEETS.

SCALE - 1:500	PLAN No: NT76-
DRAWN BY- A.T.G./C.J.P.	DATE- 11-8-1976.

MAP 10


5800N
Nmag
5700N
5600N
5500N
1200E
1300E
1400E
1500E
1600E
1700E
ROAD
APPROXIMATE
POSITION
ROAD
ROAD
Unit5
11
12
9
10
7
8
5
6
3
4
1
2
SHEET LAYOUT
PROVISIONAL
CENTRAL PACIFIC MINERALS N.L.
DJUBURULA WEST EL402-NT76
DINGO'S REST SOUTH PROSPECT
GEOLOGY
SHEET 11 OF 12 SHEETS.
SCALE - 1:500
PLAN No NT.76-
DRAWN BY- R.T.G.
DATE- 11-8-1976.
MAP11



11	12
9	10
7	8
5	6
3	4
1	2

SHEET LAYOUT

PROVISIONAL

CENTRAL PACIFIC MINERALS N.L.

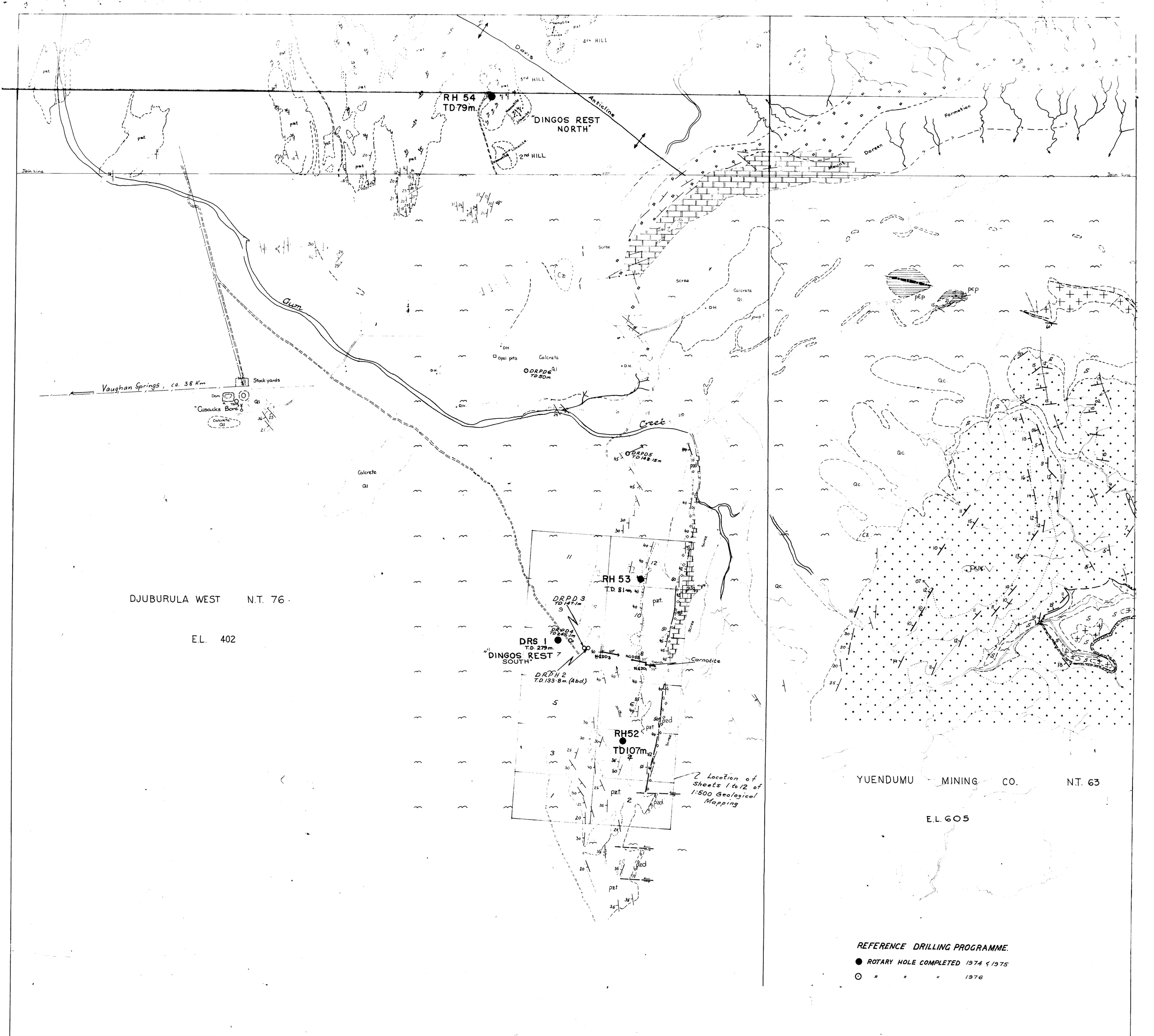
DJUBURULA WEST EL402-NT76

DINGO'S REST SOUTH PROSPECT GEOLOGY

SHEET 12 OF 12 SHEETS.

SCALE - 1:500	PLAN No: NT76-
DRAWN BY- A.T.G./G.J.P.	DATE- 11-8-1976 & 10-2-1976

MAP 12



Qr	Alluvium, Red soil complex, sandstone-conglomerate		Mt. Doreen formation
Ql	Calcrete		Vaughan Springs quartzite & base conglomerate
S	Scree		Potmungala beds
Cz	Lateritic crust		Veins, mostly quartz, but often associated with Ba, F, Cu, Fe.
Qc	Colluvial fans		Granite basement
Pzt	Undifferentiated - Mt. Eclipse Sandstone		
Pzd	Djagamara formation		

35	Dip & strike
	Synclinal axis
DD3	Diamond drill hole No. 3 (Drilled 1971)
	Sampling costean
07	Axis of fold, strike & plunge
	Fault, showing thrust direction.
B	Proposed Rotary drill holes

T.M.
M.M.
4°15'

CENTRAL PACIFIC MINERALS N.L.

DJUBURULA WEST N.T. 76 E.L. 402.
YUENDUMU N.T. 63 E.L. 605.
Dingo's Rest North & South

GEOLOGY

Scale: 1:9300				Plan No.:				
Date: 18/6/72				Drawn by: MFS				
Amendments	A	B	C	D	E	F	G	
Drawn by	J.G.A.	G.J.P.	J.G.A.					
Date	22/6/72	DEC '72	OCT/76					

MAP 13
NT (NC) 10