

FOSSIL FUELS

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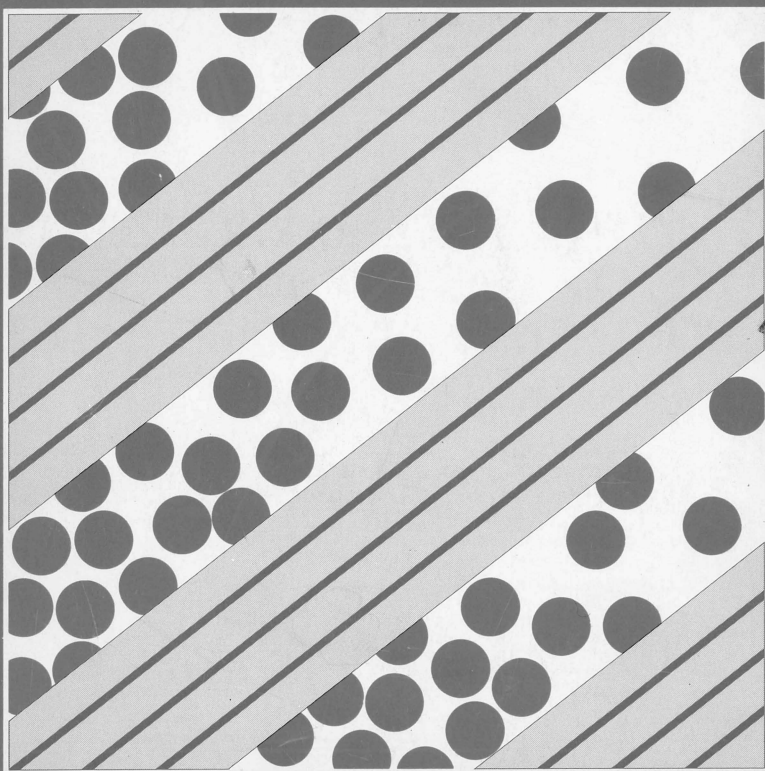
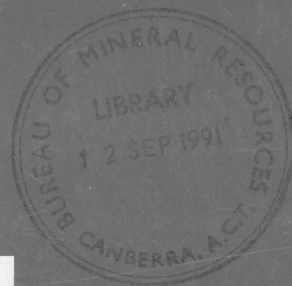
Studies in Fossil Fuels

1991/69

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MEASURED SECTIONS OF THE LATE PROTEROZOIC OLYMPIC FORMATION, PIONEER
SANDSTONE AND GAYLAD SANDSTONE, AMADEUS BASIN, CENTRAL AUSTRALIA
BRAD FIELD

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PETROLEUM GEOLOGY PROGRAM

RECORD 1991/69



BMR RECORD 1991/69

MEASURED SECTIONS OF THE LATE PROTEROZOIC OLYMPIC FORMATION, PIONEER SANDSTONE AND GAYLAD SANDSTONE, AMADEUS BASIN, CENTRAL AUSTRALIA

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* R 9 1 0 6 9 0 1 *

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ABSTRACT

Detailed measured sections through the Late Proterozoic periglacial and paralic Olympic Formation, Pioneer Sandstone and Gaylad Sandstone are presented at a scale of 1:100. The sections were measured during 1988 as part of the BMR Amadeus Basin project.

INTRODUCTION

The stratigraphic sections described in this Record were measured during about 14 concentrated field days in 1988, as part of the BMR Amadeus Basin project. The aim of the study was to check the evidence for glacial activity in the Olympic Formation, to develop a facies framework for the varied lithologies of the Olympic Formation and to investigate the relationships between the Olympic Formation, the Pioneer Sandstone and a newly proposed unit (now formalised by Freeman & others, 1991), the Gaylad Sandstone in the northeastern part of the Amadeus Basin. Descriptions of the facies and formations have been published previously by Field (1990, 1991). The 1990 extended abstract was written after the 1991 paper. The detailed basic field data is presented in this report as a guide for others working in this part of the Amadeus Basin.

There is a difference in interpretation of the distinction of the Olympic Formation and Gaylad Sandstone between Field (1991) and Freeman & others (1991) that may be resolved by further work. The two main differences of opinion are the placement of the defined base of the Gaylad Sandstone, and the cause of the anomalous dips in the Gaylad Sandstone near Ringwood Road. Field (1990, 1991) chose to place the base of the Gaylad Sandstone at the base of the bluff-forming sandstone unit along the Ringwood Road; the underlying, more variable grits and pebbly sandstones were placed in the Olympic Formation, which is characterised by its variable lithologies and the local presence of conglomerates. This position is at about the 87 m level on Figure 4 of Freeman & others (1991, p.142).

Field (1991) interpreted the changes in bedding attitude between the Olympic Formation and Gaylad Sandstone, and within the Gaylad Sandstone, along the Ringwood Road as due to synsedimentary tectonism, rather than as primary sedimentary features because he saw no signs of topsets, bottomsets or facies gradations within the Gaylad Sandstone near the contact (in spite of looking for them). The more steeply dipping beds in the Gaylad Sandstone also showed very little evidence of internal foresets or changes in bed thickness, or slumping, such as might be expected in delta front deposits, especially considering that the differences in dips were locally rather high (22°). The tectonic model also tallied with the change in current direction between the lower and upper units of the Gaylad Sandstone.

Freeman & others (1991), however, recorded that they saw evidence that the more steeply dipping beds "grade into thinner bottom-tangent bottomsets" and concluded that the dips were

primary depositional structures. Field's (1991) model, involving tectonism, was proposed without this knowledge and, assuming Freeman & others (1991) observation is unequivocal, is likely to be incorrect.

Further work in the region could usefully address both the placement of the lithostratigraphic base of the Gaylad Sandstone and provide a more focussed study of the Ringwood Road ?deltaic deposits and their significance (for example, in a sequence stratigraphic context), and look for further evidence that may discount the tectonic model. Another aspect that deserves more work is the nature of the base of the Olympic Formation near Shannon Bore and around Ross River Dump (localities 1 and 49). At these localities the dolomites mapped as Bitter Springs Formation do not appear to be separated from the Olympic Formation by a major unconformity (for example, see Field, 1991, p.127); one possibility is that these dolomites are younger than the Bitter Springs Formation.

There are many more interesting features in this part of the Amadeus Basin that could be followed up but, as a final suggestion, a check of microfossils in the black cherts of the Olympic Formation at localities 53 and 56 may be worthwhile, by analogy with the microfossiliferous black cherts known from Ross River.

Locations of the sections are given in Figure 1 and Table 1. A key to the abbreviations used in the columns is given as Appendix 1 and the columns are presented (at 1:100) as Appendix 2. Most abbreviations, and the format used for the columns, are those of Andrews (1982).

ACKNOWLEDGEMENTS

The work was done during a period of study leave with BMR, and I gratefully acknowledge the logistical and financial support given to me by BMR, particularly the marvellous introduction to the geology of the Amadeus Basin given me by Russell Korsch and the capable, amiable assistance in the field afforded by Doug Aiken.

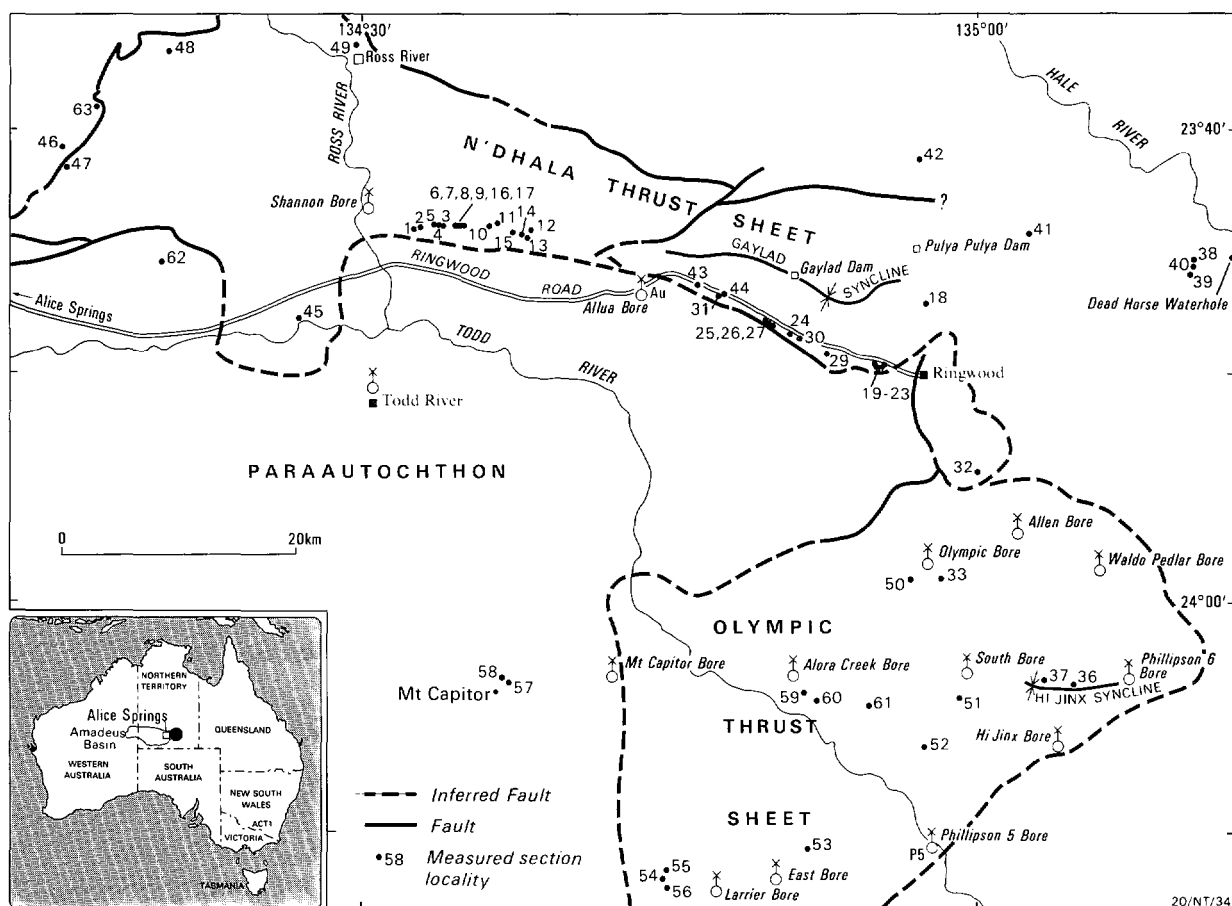


Fig.1. Locality map showing locations of the measured sections in the northeastern Amadeus Basin. The thrust sheets developed during the Devonian-Carboniferous Alice Springs Orogeny. Table 1 lists the grid references for the localities.

Table 1. Location of measured sections.

Locality	Map Sheet	Grid Reference
1	Fergusson Range	533766
2	"	534766
3	"	555767
4	"	551767
5	"	547766
6	"	564767
7	"	565767
8	"	566767
9	"	567767
10	"	595765
11	"	599768
12	"	629759
13	"	624758
14	"	620758
15	"	610760
16	"	562766
17	"	569769
18	"	959704
19	"	919652
20	"	910652
21	"	914650
22	"	916650
23	"	910656
24	"	840678
25	"	824685
26	"	825684
27	"	827683
28	MacDonnell Ranges	036675
29	Fergusson Range	875661
30	"	844676
31	"	783705
32	*Alice Springs	*500358
33	"	*498348
34	n.a.	
35	n.a.	
36	*Hale River	*297005
37	"	*295005
38	*Illogwa Creek	*518374
39	"	*518373
40	"	*518373
41	"	*505375
42	*Alice Springs	*495382
43	Fergusson Range	778708
44	"	785710
45	Alice Springs	435692
46	"	236827
47	"	241820
48	"	326911
49	"	482915
50	*Alice Springs	*492348
51	*Rodinga	*287004
52	"	*283999
53	"	*273990
54	"	*260988
55	"	*260988
56	"	*260987
57	*Rodinga	*246005
58	"	*245005
59	"	*272004
60	"	*273003
61	"	*278003
62	Alice Springs	340742
63	"	260871
64	"	457662

* = 1:250 000 sheets; other map sheets and grid references refer to 1:100 000 maps.

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- Andrews, P.B., 1982. Revised guide to recording field observations in sedimentary sequences. *New Zealand Geological Survey Report* 102.
- Field, B.D., 1990. Stratigraphy of the Late Proterozoic Olympic, Gaylad and Pioneer Formations of the Amadeus Basin. *In: Kennard, J.M. (editor), Amadeus Basin Workshop: Abstracts. Bureau of Mineral Resources, Geology and Geophysics, Record* ,1990/61, 11-14.
- Field, B.D., 1991. Paralic and periglacial facies and contemporaneous deformation of the Late Proterozoic Olympic Formation, Pioneer Sandstone and Sandstone, Amadeus Basin, central Australia. *In: Korsch, R.J., and Kennard, J.M. (editors), Geological and geophysical studies in the Amadeus Basin, central Australia. Bureau of Mineral Resources, Geology and Geophysics, Bulletin*, 236, 127-136.
- Freeman, M.J., Oaks, R.Q., Jr., and Shaw, R.D., 1991. Stratigraphy of the Late Proterozoic Gaylad Sandstone, northeastern Amadeus Basin, and recognition of an underlying regional unconformity. *In: Korsch, R.J., and Kennard, J.M. (editors), Geological and geophysical studies in the Amadeus Basin, central Australia. Bureau of Mineral Resources, Geology and Geophysics, Bulletin*, 236, 137-154.

APPENDIX 1

	bedded
≠	nonbedded
	poorly bedded
	well bedded
φ	grain size
	graded (normal)
	graded (reverse)
	symmetric grading
	laminated
	parting lineation
	flute
	scour fill
cm	foresets (cm amplitude)
	trough foresets
	herringbone foresets
	wave ripples
	low angle foresets
	bar
	imbricated
	dike
	intraclast
	dessication cracks
	parallel
	convolutions
	implies
underlining	well, very
	hard
u	unconformity
2°	secondary
A	amplitude
aa	as above
ab	as below
amalg	amalgamated
ang	angular
av	average
B	bladed
bd	bed
bdd	bedded
bdfm	bedform
Bdg	bedding
bds	beds
Bldr	boulder
blk	black
bn	brown
btr	better
btwn	between
C	compact
ca	approximately
carb	carbonate
CB	compact-bladed

Cbl	cobble
Cbl	cobble
CE	compact-elongate
cem	cemented
Cgl	conglomerate
chan	channel
cht	chert
cl	clast
cm	centimetre
concr	concretionary
conv	convoluted
crs	coarse
defm	deformation
dess	dessication
dessictn	dessication
dk	dark
dm	decimetre
dol	dolomitic
E	elongate
esp	especially
exp	exposed
f	fine
Feld	feldspar
ferrug	ferruginous
fis	fissile
fri	friable
fsts	foresets
fsU	upper (coarser) division of fine sand
Glc	glauconite
glc	glauconitic
Gran	granule
gy	grey
HCS	hummocky cross stratification
hd	hard
ib	interbedded
ibs	interbeds
iclasts	intraclasts
imbr	imbricated
irreg	irregular
lam	laminated
lat	laterally
len	lenticular
lim	limonite
lins	lineations
lith	lithology
loc	locally, locality
m	metre
max	maximum
mdy	muddy
med	medium
mic	micaceous
min	mineral
mm	millimetre
mod	moderately

msL	lower (finer) division of medium sand
msv	massive
mx	matrix
mx	matrix
ncalc	noncalcareous
ngrd	nongraded
nr	near
nsrt	unsorted
nwthd	unweathered
obv	obvious
or	orange
Pbl	pebble, pebbly
pbly	pebbly
pk	pink
pkd	packed
pl	planar
pl	planar
plut	plutonic
poss	possible
pr	poor
ptg	parting
Qz	quartz
qzite	quartzite
rd	red
recem	re-cemented
repl	replaced
rev	reverse
rewkd	reworked
RF	rock fragments, lithics
rnd	rounded
rpld	rippled
rpls	ripples
s	sandy
sed	sediment
seq	sequence
sl	slightly
sp	spaced (eg, dm sp)
sprs	sparse
srt	sorted
Sst	sandstone
strom	stromatolitic
suprt	supported
symm	symmetrical
tab	tabular
thixo	thixotropic
tk	thick
volcs	volcanoes
w/	with
wh	white
wkst	wackestone
wths	weathers
yel	yellow
Zst	siltstone
()	poor, slightly
[]	[subphrase], cf "()"

APPENDIX 2: MEASURED SECTIONS

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon bore

GEOLOGIST(S):

Ferg.

R9

C BDF 1

-

DATE OF MEASUREMENT:

30 5 1988
day month year

GRID
REFERENCES:
(metric)

19 78

*

533

*

766

*

*

*

*

*

*

*

*

*

*

*

*

*

*

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	Sample number						
						20			See p 2	
						19				
						18				
						17				
						16				
						15				
						14			Carbonate: 7m. pk [withs. yel gy & bn], hd, strom carb.	
						13				
						12				
						11				
						10				
						9				
						8				
						7			Not exposed: 4m.	
						6				
						5				
						4			Carbonate: 1m. aa	
						3			Not Exposed: 2m.	
						2				
						1			Carbonate: 1m. aa.	
						0			Not exposed	

PAGE 1 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19 19

sheet serial number horizon remeasurement?

BASE OF SECTION TOP OF SECTION

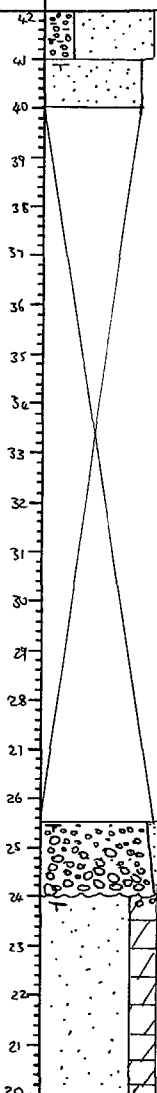
GRID REFERENCES: (metric) 19 * * * * *

map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	ip number						
	Olympic Fm		Osc			42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20				
		Photo T10 40-1	Oc	CD1C						
		42-13: Sst								

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet C 85F 1 -
serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION _____ TOP OF SECTION _____
REFERENCES: 19 * * *
(metric) map date _____ easting _____ northing _____ easting _____ northing _____
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst	Photo A33; 40-2	GLs			64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42		4 dm ≡ dm 4 dm	Sandstone: 2m. 1-3 dm bdd, po rd to pa rd gy, hd, ncalc, srt, med Sst; crsns upseq. dm A tr fets. Not exposed: 8m.	
	Olympic Fm	Photo A31	Oz					≡ mm	Siltstone: 4m. 1-4 mm bdd, lam, mod rd gy, (hd), fs crs Zst. Not exposed: 5m.	Bdg: 110/45N
			Osc						Sandstone & Conglomerate: 2m. v pr exp, ab Sandstone & conglomerate: 2m. mod rd gy, hd, srt, f-lac med Sst (80% of seq 2m) chan. fill, mx-supt, s gran - f Plt Cgl w thin Zst lbs.	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

**GRID
REFERENCES:
(metric)**

<u>sheet</u>	<u>C B D F I</u> serial number	<u>-</u> horizon	<u> </u> remeasurement?
	BASE OF SECTION		TOP OF SECTION
<u>19</u>	* <u> </u>	* <u> </u>	
<u>map date</u>	<u>easting</u>	<u>northing</u>	<u>easting northing</u>

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

GEOLOGIST(S):

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	Number							
	Gaylod Sst	Photo A 34	GLg							Not exposed.	
			GLg							Sandstone: ca 9.0 m. cm-dm (bdd), wh-pagy [with pa or], gritty <u>crs</u> Sst w sps cm lbs med fsts; loc w f Plots >2m bdae.	
			GLg							Sandstone: ca 3.0 m. cm-dm (bdd), wh-pa gy [with pa or], <u>crs-cr</u> Sst [Qz, feld]. Low angle fsts.	
			GLg							Sandstone: 2.2 m. <u>crs</u> , w dm A tr fsts.	
			GLs							Sandstone: 0.2 m. lb med <u>crs</u> ; cm A tr fsts.	
										Sandstone: 0.3 m. km, f-f.	

PAGE 4 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 4 OF 1

loc 2 MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

Fergusson, R. sheet

C BDF 2 serial number

- horizon

remeasurement?

DATE OF MEASUREMENT:

30 5 1988
day month year

GRID REFERENCES: (metric)

19 78 map date

* 534 easting

766 northing

* easting

* northing

DRILLHOLES:

Has thickness been corrected for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Olympic Fm		Os			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0	(=) dm ≡ cm	Sandstone: 1 m. dm (bdd), med Sst w/ f Pbl stringers // bdg. Sandstone: 0.2 m. cm bdd po rdgy f Sst w/ lams Zst as lbs. Not exposed: 8.5 m		
		Photo B2 Photo B1						Conglomerate & Sandstone: 7 m: dm (bdd), mx-supt Pbl Cgl, lb w/ 1-10 cm bds f Sst [5-10% of seq]. Max: f-med Pbl. Some imbr clasts carb. Nr top max = crs Pbl - f Cbl [adm sp] & Ssts adm-m sp & crsr [f-med].	Bdg: 111/26N	
		Photos T11, T12, T13	Oc				(=) dm	Sandstone: 0.25 m: 2 chan bds f Sst, loc grt. Lam, loc cmA pl fsts at top & f Pbl logs nr base. Conglomerate & Sandstone: 3 m: (bdd)-nbdd, nsrt, mx-supt Cgl. Mx: s-f Pbl; crs Pbls adm sp. Pbls esp C-B, rnd-(ang), Carb. CB-B Pbls // bdg. Top 1 m dm-sp 3-5 cm bds f Sst.		
		Photo A35						Not EXPOSED (Bitler Springs not exposed)		

PAGE 1 OF 3

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY:

**GRID
REFERENCES:
(metric)**

19
map date

✱

easting

northing

easting

northing

* DRILLHOLES:
- Has thickness been checked for dia? YES NO

— Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

GEOLOGIST(S):

METHOD OF MEASUREMENT:

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: _____
sheet _____ serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION _____ TOP OF SECTION _____
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Gaylad Sst		GLg			43 44 45 46 47 48 49 50 51 52 53	(=) cm-dm		Sandstone: ca 12m. cm-dm (bld), gritty, crs-crs Sst.	

MEASURED SECTION DETAIL SHEET
 REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
 1 cm : 50 m (1:5000)

REGION: AMADEUS

SCALE: $\frac{1}{2}$ cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

Feng ussen

Rd
sheet

c BDF 3
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

30 5 1988
day month year

**GRID
REFERENCES:
(metric)**

BASE OF SECTION

TOP OF SECTION

19 78

555

767

DRILLHOLES:

Has thickness been corrected for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Olympic Fm	Oz Oz		See p 2 Siltstone: 0.5m. 1-4 mm bdd, lam, mod rdgy, (hd), fs crs Zst. Not Exposed: 0.5m. Siltstone: 0.5m. aa. Not exposed: 7.1m Siltstone: 0.5m. aa. Not Exposed: 4.8m. Dolomite.
-------------------	---------------------	--	---

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID	sheet	c BDE 3	serial number	-	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	19	*	BASE OF SECTION	*	TOP OF SECTION	*	day month year
REFERENCES: (metric)	map date	easting	northing	easting	northing		DRILLHOLES:
METHOD OF MEASUREMENT:							Has thickness been corrected for dip? YES, NO
						Elevation of drillhole collar	metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Gaylad Sst.		GLg				(=) cm-dm	Sandstone: 4.0m. crs, crsg upseq to crs, gritty. Not exposed: 8.0m.		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALL ~~1 cm : 1 m (1:100)~~ ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Gore

GEOLOGIST(S): B Field

Fergusson Range

C 60F 4
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

$$\frac{30}{\text{day}} \quad \frac{5}{\text{month}} \quad \frac{1988}{\text{year}}$$

**GRID
REFERENCES:
(metric)**

19 78

* 551

767

*

DRILLHOLES:

Has thickness been corrected
for dip? YES , NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results						Description
		Petrological data	Paleontological data	"f" number	Disturb- ance Scale (metres)	GRAPHIC LOG	Additional graphic	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition
	Olympic Fm.							see p 2
			Oz - O _{sc}					Siltstone & Grit: S.O.m. lam, mod rdgy, (hd), ps zst; sprs dm-th lenses grit.
								<u>Not exposed:</u> 6.5 m.
								<u>Conglomerate:</u> 4.5 m. s, cl-supt.
			Oc					<u>Not exposed</u>

PAGE 1 OF 2

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID	C R D F 4	sheet	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	19	*	*	*		19
TOP OF SECTION	map date	easting	northing	easting	northing	day month year
METHOD OF MEASUREMENT:						DRILLHOLES:
						Has thickness been corrected for dip? YES, NO
						Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Gaylad Sst		GLs						Not exposed.	
									Sandstone: 6.5m. dm bold, f (nr base) to crs (tr top). cm A tr fsts nr base.	
									Not exposed: 4.5m	

MEASURED SECTION DETAIL SHEET										
REGION: AMADEUS		SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000) 1 cm : 50 m (1:5000)		Fergusson Pa sheet		C BDF 5 serial number horizon		DATE OF MEASUREMENT: 30 5 1988 day month year		
LOCALITY: East of Shannon Bore				GRID REFERENCES: (metric) 19 78 * 5 47 7 66 * map date easting northing		BASE OF SECTION TOP OF SECTION		DRILLHOLES: Has thickness been corrected for dip? YES, NO		
GEOLOGIST(S): B Field				METHOD OF MEASUREMENT:				Elevation of drillhole collar metres a.s.l.		
Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Gaylad Sst		GLs						Sandstone: bdd, f.	
	Olympic Fm		Oz						Not exposed: 2m. ?gradational facies contact? Siltstone: lam, mod red gy.	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

FergussonRa
sheet

C BDF 6
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

31 5 1988
day month year

**GRID
REFERENCES:
(metric)**

19 78
map date

* 564
easting

767
northing

easting

northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number						
	Olympic Fm: Gaylad Sst		GLg			19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0		Sandstone: s+ m: cm bdd f-med sst, crsng up-seq. Not exposed: 7m. Conglomerate: 0.2m. msv, s Pbl Cgl; max med Pbl. Carbonate		
	Bitter Springs Fm		Oc or flow in Oz?							

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon bore

GEOLOGIST(S): B Field

Fergusson

RA
sheet

c BDF 7
serial number

-
horizon

remeasurement?

DATE OF MEASUREMENT:

31 5 1988
day month year

GRID
REFERENCES:
(metric)

19 78 *
map date

5 65
easting

7 67 *
northing

easting

northing

*

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Gaybad Sst		GLs							
	Olympic Fm	40-4 40-15 Photos B35, B36	Oz Oc						Sandstone: fine; as for other nearby localities. Not exposed: 1 m. Sandstone: 0.2 m. mm-cm bdd f set. Siltstone: 0.2 m. mm bdd, ? dol. Conglomerate: 6 m. ht, SiO₂-cemented, s f Plw-Cbl Cgl. Pass over-compacted by loading - ? lodgement till?	
		40-14 Bitter Springs Fm?							Carbonate: top is SiO₂-cemented - ? case-hardened? Possible plucking?	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: $1 \text{ cm} : 1 \text{ m} (1:100)$ ~~$1 \text{ cm} : 10 \text{ m} (1:1000)$~~
 ~~$1 \text{ cm} : 50 \text{ m} (1:5000)$~~

LOCALITY: East of Shannon Bore

GEOLOGIST(S): Brad Field

Fergusson

R9
sheet

c BDF 8
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19

day month year

**GRID
REFERENCES:
(metric)**

1978
map date

BASE OF SECTION

$$\begin{array}{r} 566 \\ \hline \text{easting} \end{array} \quad \begin{array}{r} 767 \\ \hline \text{northing} \end{array}$$

TOP OF SECTION

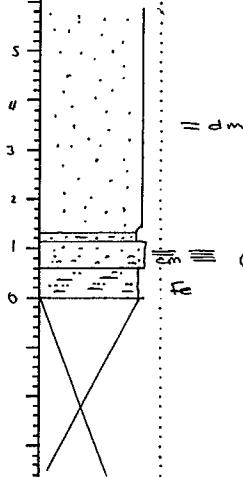
easting *northing*

DRILLHOLES:

- Has thickness been corrected for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number						
	Gaylad Sst		GLs							
	Olympic Fm	Photo 40-5	Oz					Sandstone: 0.2m. mm bdd m f Sst Sandstone: 0.5m. cm bdd Sst, eop lam; tr fsts Mudstone: 0.6m. mm bdd, dk, ferrug Mst & pa rdgy Zst; fis <u>Not exposed</u>		

PAGE 1 OF 1

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon bore

GEOLOGIST(S): B Field

Ferguson 29 sheet c BDF 9 serial number - horizon - remeasurement? -
DATE OF MEASUREMENT: 31 day 5 month 1988 year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 78 * 567 767 *
map date easting northing easting northing
METHOD OF MEASUREMENT: -
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number					
	Gaylad Sst		GFs		21			<u>Sandstone: 4 m. pr exp; similar to other nearby localities</u>	
			Oz		17			<u>Sandstone: 0.2m. 1-5 cm bdd. f-med Sst. Conformable on Zst.</u> <u>Siltstone: 0.2m. mm bdd, mod rdgy Zst.</u> <u>Not exposed: 4.5 m.</u>	
	Olympic Fm	Photo B22	Oz		12			<u>Siltstone: 3.3m. mm bdd, mod rdgy Zst. Top 1m poss cem.</u>	
		Photo B21			11			<u>Not exposed: 2m.</u>	
		Photo B23	Oz		6			<u>Siltstone: 4m. mm bdd, mod rdgy, (soft) Zst. 0-5cm len bel grit-f Pbl Cgl 1m > base.</u>	
		40-16	Oc	CD9A89B	1			<u>Not exposed: 2m.</u> <u>Conglomerate: 1-1.5m</u>	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

Ferguson

Re.

C BDF 10

Figure 1

DATE OF MEASUREMENT:

31 5 1988
day month year

**GRID
REFERENCES:
(metric)**

19 78
map date

BASE OF SECTION

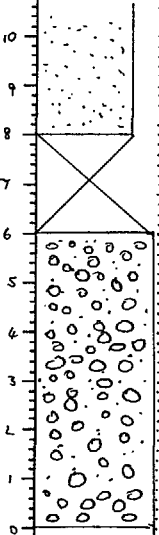
TOP OF SECTION

* DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number	Distance					
	Olympic Fm	40-12	Oc					<u>Sandstone</u>: as for other nearby localities. <u>Not exposed</u>: ca 2m. NB: Sst nearly rests on Cgl <u>Conglomerate</u>: 6" m. v. exp., 2dm bdd, ngrd, nsrt, s mx & cl suprt Pll Cgl [rnd - rnd]. <u>Not exposed</u>.		
	Gaylad Fm		GLs							

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

Page 10

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shamon Bore

GEOLOGIST(S): B D Field

Ferguson R²

c BDF II

DATE OF MEASUREMENT:

GRID
REFERENCES:
(metric)

19 78

* 599

768

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Paced

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Sequence	Systems tract	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
				Petrological data	Paleontological data	# number						
	Pentatataka Fm, Cyclops Mbr							31	X		Not exposed	
								30				
								29		≡ mm		
								28				
								27				
								26				
								25		≡ mm		
								10				
								9				
								8		≡ mm		
								7				
								6				
								5				
								4		≡ mm		
								3				
								2				
								1				
								0	X		Not exposed	

dip 45°

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

Fergusson Ra c BDF 12 -
sheet serial number horizon remeasurement?
DATE OF MEASUREMENT: 31 5 1988
day month year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: 1978 * 629 759 *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: Paced
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Sequence	Systems tract	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
				Petrological data	Paleontological data	'p number					
	Pertatataka Fm. Cyclops Mbr						95			Not exposed	
							94		≡ 1-2 cm	Sandstone: 95m. mm bdd → 1-2 cm bdd near top, f Sst. ? Hummocky cross stratification about 1/3 up from base.	
							93				
							92				
							91		≡ 1-2 cm		
							35				
							34		≡ mm		
							33				
							32				
							31		≡ mm		
							30		∩ ? HCS	dm amplitude, some convex; no scour apparent w/ concave surfaces	
							29				
							5		≡ mm		
							4				
							3				
							2				
							1		≡ mm		
							0			Not exposed	

dip 44°

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon bore

GEOLOGIST(S): B Field

FergussonRa.

C BDF 13

sheet

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

31 5 1988
day month year

**GRID
REFERENCES:
(metric)**

19 78

624

758

DRILLHOLES:

Has thickness been corrected
for dip? YES , NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	'f' number						
	Gaylord Sst	40-7	GUsg (?)						Not exposed.	
		Photo B17 40-6	GUsg						<u>Sandstone</u> : ca 5m. pr exp, dm bdd, wh, hd, med, ccs & crs Sst [Qz]	
									<u>Not exposed</u> : ca 1.5m. (Composite column, over 100m).	
									<u>Conglomerate</u> : ca 1m. dm (bdd), wh, hd [Qz], s, f Pbl G1; mx-rich to mx-supt [fs-gran]. Pbls rnd & c to C-B.	
									<u>Sandstone</u> : 2m. pr exp, cm-dm bdd, wh, hd [Qz], Sst, w/ cm-dm sp f-med rnd Pbls Qz.	
									<u>Not exposed</u> : ca 0.5m	
									<u>Carbonate</u> .	
		Bitter Springs Formation								

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE. ~~1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Bore

GEOLOGIST(S): B Field

Fergusson

Ra.
sheet

C BDF14
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

31 5 1988
day month year

**GRID
REFERENCES:
(metric)**

19 78
map date

BASE OF
* 620
easting

SECTION
758
northing

TOP OF SECTION

<u> </u>	<u> </u>
easting	northings

* Has t
for d

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number							
	Gaylad Sst		GU sg?							Not exposed.	
	Olympic Fm		Oc							Sandstone: 4m. dm bold, wh, hd [Qz] med + crs Sst, w dm x cm lenses & stringers rad f Pls Qz near base. Conglomerate: ca 11m. pr exp, cl-supt, ang s-f Pls Qz, loc → med-crs Pls, w clasts carb → f clds. Ngrd.	Belg 105/52N

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon Base

GEOLOGIST(S): B Field

Ferguson?

R2
sheet

C 80F 15
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:

31 5 1988
day month year

GRID
REFERENCES:
(metric)

19 78
map date

610
easting

760
northing

*
easting

*
northing

*
Has thickness been corrected
for dip? YES, NO

DRILLHOLES:

Elevation of drillhole collar metres a.s.l.

METHOD OF
MEASUREMENT:

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	Number						
	<u>Gaylad Sst</u>	<u>40-11</u> <u>Photo B 31, B 32</u>	<u>Gusg</u>					<u>Sandstone: rubblely, bed [Qz] Sst.</u> <u>Pebbly sandstone: 1.5 m. cm-dm bld, wh, bed [Qz], ext med Sst [Qz] in dm-m-sp lenses to 10 cm th & stringers fPbls Qz + carb [incl Strom carb]; traces cm A tr. fots.</u> <u>Not exposed: 10 m.</u> <u>Carbonate</u>		
	<u>Bitter Springs Fm</u>									

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: East of Shannon bore.

GEOLOGIST(S): B Field

Fergusson Ra c CD16 -
sheet serial number horizon remeasurement?
DATE OF MEASUREMENT: 3 5 1988
day month year
GRID REFERENCES: 1978 * 562 766 *
map date easting northing easting northing *
METHOD OF MEASUREMENT: BASE OF SECTION TOP OF SECTION
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number						
	Gaylad Set	Photos B33, B34 40-13	GUsg Oz?							
	Olympic Fm									
	Bitter Springs Fm									

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: East of Shannon bore

GEOLOGIST(S): B Field

Fergusson

R9.
sheet

c BDF 17
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

1 6 19 88
day month year

**GRID
REFERENCES:
(metric)**

1978
map date

BASE OF SECTION

$$\begin{array}{r} 569 \\ \hline \text{easting} \end{array} \quad \begin{array}{r} 769 \\ \hline \text{northing} \end{array}$$

TOP OF SECTION

easting northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet C BDF 17 serial number - horizon - remeasurement? -
 BASE OF SECTION - TOP OF SECTION -
 GRID REFERENCES: (metric) 19 * - * - * -
 map date - easting - northing - easting - northing -
 METHOD OF MEASUREMENT: _____
 DATE OF MEASUREMENT: 1 / 6 / 1988
 day month year
 DRILLHOLES: _____
 Has thickness been corrected for dip? YES, NO
 Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst	Photos C1, C2, C3	GLg	CD 17C		42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20			see p 3 Grit & Sandstone: 1 m. 1-2 dm bld grit & cts Sst. Grit infills low-angle scours & loc f.pbl. Grit: 3 m. cm-1-2 dm bld Grit; low-angle scours & s-s cm A? tab fsts. Grit: 16 m. prerp, dm bld.	Bdg 090/53N

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: , cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

_____ C 8DF 17 _____ DATE OF MEASUREMENT:
 _____ sheet _____ serial number _____ horizon _____ remeasurement? _____ 1 _____ 6 _____ 19 88
 _____ BASE OF SECTION _____ TOP OF SECTION _____ day _____ month _____ year
 GRID REFERENCES: _____ 19 _____ * _____ * _____ * _____ DRILLHOLES:
 (metric) _____ map date _____ easting _____ northing _____ easting _____ northing _____ Has thickness been corrected
 _____ METHOD OF _____ Elevation of drillhole collar _____ metres a.s.l.
 _____ METHOD OF _____

GEOLOGIST(S):

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 3m : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

sheet _____ serial number _____ horizon _____ remeasurement? _____

GRID REFERENCES: (metric) 19 * * * BASE OF SECTION TOP OF SECTION

map date _____ easting _____ northing _____ easting _____ northing _____

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Gaylad Sst	40-23	Glg			42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20		Sandstone & grit: 3m. pr exp, pa yel gy, crs Sst & Grit. Sandstone: 2m. dm bdd, mod rd gy, hd, crs Sst [Qz]; spr gran. Not exposed: 17.5m		

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

sheet _____ serial number _____ horizon _____ remeasurement? _____

BASE OF SECTION _____ TOP OF SECTION _____

GRID REFERENCES: (metric) 19 * * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst		GLg			64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42		(=) dm = cm-dm (=) dm = cm-dm (=) dm (=) 1-4 dm	See PL4 Sandstone: 1m. pr exp, ab. Grit: 4m. pr exp, ab. Sandstone: 0.5m. cm-dm bdd, pa yel gy, hd, (grt), med-crs Sst. Grit: 5m. pr exp, dm (bdd), pa yel gy, hd, s Grit; loc dm spf Pbls. Sandstone: 2.5m. 1-4 dm (bdd), crs-crs Sst; top 1.5m pr exp. Not exposed: 4m.	

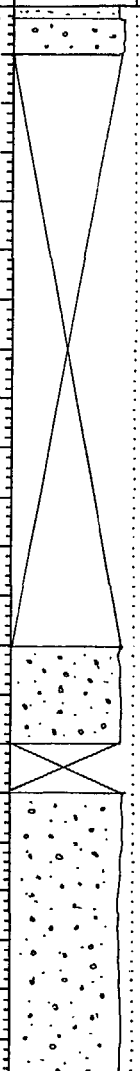
MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 3m : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 1 / 6 / 19 88
sheet C BDF 18 serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION _____ TOP OF SECTION _____
GRID REFERENCES: (metric) 19 * * *
map date _____ easting _____ northing _____ easting _____ northing _____
METHOD OF MEASUREMENT: _____
DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number						
	Gaylad Sst	Photos c6, c7	GLg			84 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64		= cm msv	Sea p 5 Grit: 0.7m. Top 0.4m cm bddol; basal 0.3m ? msv, ers S. Grit. Not exposed: 12m Grit: ca 2m. db. Not exposed: ca 1m. Grit: 11m. pr exp. db.	Bdg 060/22M

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 3m : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 1 6 1988
day month year

sheet c 8DF18 serial number horizon remeasurement?

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number					
	Gaybad Sst		GLg		108			See p 6	
					107				
					106				
					105				
					104				
					103				
					102				
					101				
					100				
					99				
					98				
					97		= dm	Grit: 2m. dm bdd. pa yel gy. hd, (Grb), s Grit.	
					96			Not exposed: 0.5m.	
					95		= cm	Grit: 0.5m. (Grb) s Grit w dm-sp f Plbs.	
					94		= dm	Sandstone: 0.5m. cm bdd, ab.	
					93			Grit & sandstone: 1m. dm bds med-? lam Grit & gritty crs Sst. w 3% seq. mm bds f-med Sst.	
					92		= cm-dm	Sandstone: 3.4m. cm-dm bdd, gritty crs-crs Sst.	
					91				
					90		= dm	Grit: 1.2m. amalg dm bds Grit w dm-sp f Plbs.	
					89		= cm	Sandstone: 1.5m. cm bdd, med & crs Sst. loc grd & new grd, loc fsts.	
					88				
					87		= mm-cm	Grit: 1.16m. ? lam to cm bdd Grit; 0.25m s-10cm bdd crs Sst w Grain stringers 0.5m < top.	
					86		= mm-cm	Sandstone: 0.7m. mm-2cm bdd, pa yel gy, hd, Srt, med Sst [Qz, Feld]	

Photo c12

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 3m : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet c BDF 18 serial number - horizon - remeasurement? - DATE OF MEASUREMENT: 1 / 6 / 1988
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
		Photos C15, C16, C17, C18 40-25	GUsg GUc	CD18 B		130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108			see P 7 Sandstone: 0.8 m. dm bdd, wh, hd (Qz), srt med Sst (Qz); 80 cm A? Pl fct. Conglomerate: 0.2 m. Gritty, ? mx suprt [fs-grit], (ang) - ang, crs Pbl Qz, Carb. Sandstone: 1 m. dm bdd, gritty, crs Sst. ? 50 cm A tab fct. Grit: 8 m. ? dm bdd, pa yal gy, hd, (grt), crs S grit. Sandstone: 4 m. gritty crs Sst. Sandstone: 1.5 m. gritty crs Sst; lam; ? bar. Sandstone & grit 15.7 m. pr exp, crs Sst & Grit.	
	Gaylod Sst		GLg							
		Photo C13								

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 5m : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 1 6 1988
sheet serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance					
		40-29				179			Sandstone: ca 40m. pr exp; dm bdd lam crs Sst in part.	
						178				
						150				
						149				
						148				
						147		= dm		
						146				
			GU _s			145				
						144				
						143				
						142				
						141				
						140				
						139				
						138				
		Photo C-21, 40-28	GU _{sg}	CD18D		137		= cm 4 cm	Sandstone: 2m. cm bdd, wh, hd, med-crs Sst (>99% Q ₂), w/ lag stringers crs s & Plals qz Sst. Loc rpld tops. cm A tab fsts.	
						136				
						135			Sandstone: 6m. dm bdd (in part), wh, hd [Q ₂], med+crs Sst; dm-m Apl fsts.	
						134		dm-m		
						133		4 m-dm		
						132				
						131				
						130				

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: . cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Ferguson

Ra.

C BDF 19

horizon

remeasurement?

DATE OF MEASUREMENT:

2 6 19 88
day month year

**GRID
REFERENCES:
(metric)**

19 78

* 919

652

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	Core number							
	Sst		GUsg							Sandstone: wh, med [Qz], med-crs grtly Sst [Qz].	
	Gaylad	40-32	GLg							Conglomerate: 0.3m wh, mx-rich, cl-supt, (srt). s.f.-crs Pld Cgl [md Qz]. Sandstone & grit: dm bdd. med-crs Sst & Grit bds.	

PAGE 1 OF 1

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd.

GEOLOGIST(S): B Field

Fergusson

RA
sheet

c BDF 20
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:

2 6 19 88
day month year

GRID
REFERENCES:
(metric)

19 78 *
map date

910 *
easting

652 *
northing

- *
easting

- *
northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number						
	Gaylad Sst		GLg			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0				
	Olympic Fm	Photo C 28 ; 40-34 Photo C 27 40-33 Photo C 26	Oz	CD 20A					See p 2 Not exposed: 7.5m. Sandstone-Siltstone: 0.1m. med gy, hd, ncalc, grd crs Sst [Qz, Feld] to Zst. Mudstone: 2.8m. ab Grit & Sandstone: 0.7m. cm bdd, hd, s Grit [Qz, Feld]; 0.2m Qz Sst w/ fsts. Mudstone: 1m. gngy, soft, ncalc, fis Mat. Sandstone-Siltstone: gngy, hd, ncalc, crs Sst grd to Zst. ? Bouma seq. Not exposed	Bdg 125/40N

PAGE 1 OF 10

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____
sheet _____ serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: *
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l. _____

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number						
	Gaylad Sst					42			See p 3	
						41				
						40				
						39				
						38				
						37				
						36				
						35				
						34				
						33				
						32				
						31				
						30				
						29				
						28				
						27				
						26				
						25				
						24				
						23			Grit: 11.4 m. pr exp. ? dm bold, pa yel gy, hol, nsrt, s Grit [Qz].	
		40-35	GLg			22		= dm ?		
						21				
						20				

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

map date

*

easting

*

northing

*

easting

*

northing

METHOD OF
MEASUREMENT: _____

c BDF 20

sheet

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

2

6

1988

day

month

year

BASE OF SECTION

TOP OF SECTION

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Gaylad Sst		GLg							

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

map date

c BDF 20

serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

2 6 19 88

day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

METHOD OF
MEASUREMENT:

Stage	Formation	Samples taken and results			Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Gaylad Sst		GLg	CD 20C		86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64			Sandstone & grit: 0.3m. 0.1m gritty Sst w/ fols. 0.1m ngrd. s. Grit. \ grad med Sst + Mol Not exposed: 0.5m Sandstone: ca 0.3m. Pa. gy. hd, gritty crs Sst w/ dm-m sp f Pbs Qz. Not exposed: 21m.	86g 115/40N

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 2 6 1988
day month year

sheet c RDF 20 serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	number					
	Gaylad Sst		GLg		108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86			sec p 7	

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

c <u>QDF 20</u>		DATE OF MEASUREMENT:	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar _____ metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number						
	Gaylad Sst		GLg			130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108			See p 7	

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

map date

sheet serial number

BASE OF SECTION

horizon

TOP OF SECTION

remeasurement?

DATE OF MEASUREMENT:

2 6 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES , NO

Elevation of drillhole collar
metres a.s.l.

METHOD OF
MEASUREMENT:

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data			
		Petrological data	Paleontological data	'r' number									
	Gaylad Sst		GLs2			152		= cm	See p 9				
						151			Not exposed: 13 m.				
						150							
						149							
						148							
						147							
						146							
						145							
						144							
						143							
						142							
						141							
						140							
						139							
						138							
						137							
						136							
						135							
						134							
						133							
				132									
				131									
				130									

Sandstone & grit: 52 m. pr exp, gritty as Sst & s Grit.

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet	c BDF 20	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	TOP OF SECTION	day	month	year	2 6 19 88
GRID REFERENCES: (metric)	19	*	*	*	DRILLHOLES:
map date	easting	northing	easting	northing	Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:	Elevation of drillhole collar metres a.s.l.				

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst		GLs ₂			174			see p 9	
						173				
						172				
						171		dm		
						170				
						169				
						168				
						167		= cm		
						166				
						165				
						164				
						163				
						162		dm		
						161				
						160				
						159		= cm		
						158				
						157				
						156				
						155				
						154		dm		
						153				
						152				

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

**GRID
REFERENCES:
(metric)**

METHOD OF MEASUREMENT:

C BDF 20
serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

2 6 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES , NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number							
	Gaylod Sst		GLs ₂			196 195 194 193 192 191 190 189 188 187 186 185 184 183 182 181 180		= cm	See p10		
		40-36	GLs ₂	CD20B		179 178 177 176 175 174		= cm L dm		Sandstone: 28.8 m. pr exp, cmbdd, pa rd gy, <u>hd</u> [Qz], srt, med Sst, loc lags grit & dmA fsts.	Bdg: 130/29NE

PAGE 9 OF 10

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 20

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 2 6 1988
day month year
C BDF 20
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Gaylad Sst	40-37							Not exposed.	
									Sandstone: ca 6m. ? cm bold, ps yel gy, hd, gritty crs Sst, loc w/ 3-4 cm A + fr fstds.	Bdg: 140-147 / 43-30N
			GUsg							
			Guc						Not exposed: ca 1m.	
			GLs2						Conglomerate: 0.4m. gritty f-med Pbl Cgl [exp: rnd Qz].	
									Sandstone: 18m. pr exp, loc gritty crs Sst, ab.	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

GEOLOGIST(S): B Field

c BDF 21
serial number

ION

TOP OF SECTION

3 6 1988
day month year

1978
map date

914
easting

650
northing

easting northing

Has thickness been corrected
for dip? YES , NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm							See p 2 ≡ mm-dm = ?dm ≡ cm	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition Sandstone: 1.3m. pr exp. ?dm bdd, pa yel gy, hd, gritty, crs Sst. Not exposed: 1.5m. Grit: 0.72m. pa yel gy, hd, crs S Grit w dm-sp and f flks Qz mrtop. Not exposed: 1.5m. Sandstone: 0.72m. msy, pa yel gy, hd, gritty crs Sst. Not exposed: 0.25m. Sandstone: 0.40m. wh, hd (Qz), srt crs Sst (Qz, ?10% Feld). Not exposed: 0.75m. Sandstone: 3m. pa yel gy, hd, srt, crs Sst (Qz, 10-20% Feld). Siltstone: 3m. pr exp, gn gy Zst. Sandstone & siltstone: 0.75m. 90% 2-15 cm bds med gy med crs Sst grad to Zst (10%). Not exposed: 1.5m. Sandstone: 0.75m. pa yel gy, hd, crs Sst. Not exposed.	070/47N

BDF 21

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 3 6 1988
day month year

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Gaylad Sst		GLg						Sandstone & grit: pr exp, dm bdd, gritty crs Sst; main unit of grits etc.	N ↑
								Not exposed: 7.5m.		
	Olympic Fm	40-38	Oz						Siltstone & sandstone: 7.2m. pa gn gy, hd, ncalc, Zst w cm-dm sp mm bds gn gy f Sst.	Bdg 080/40N

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

80F 21

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

REGION: AMADEUS SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Ferguson Ra C BDF 22 - _____
sheet serial number horizon remeasurement?
DATE OF MEASUREMENT:
3 6 1988
day month year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 78 * 916 650 * _____ *
map date easting northing easting northing
DRILLHOLES:
Has thickness been corrected
for dip? YES , NO
METHOD OF MEASUREMENT: _____
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number							
	Olympic Fm		Os				20			Not exposed: 1m.	
							19		=dm	Sandstone: 1m. dm bdd, med gy, hd, med - crs Sst [60% Qz, 40% Feld]. Loc. new grd.	Bdg 080/40N
							18			Not exposed: 3.2m.	
							17				
							16				
			Oz				15			Siltstone: 2m.	
							14				
							13			Not exposed: 3.2m.	
							12				
							11				
							10				
			Oz				9			Mudstone: 3.2m. pr exp, gr gy Mst.	
							8				
							7				
							6			Not exposed: 6.5m	
							5				
							4				
							3				
							2				
							1				
							0			Carbonate: 1m	
	Bitter Springs Fm									Not exposed.	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 1 OF 2

BDF 22

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 3 6 1988
day month year

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	# number						
	Gaylad Sst		Glg						Sandstone & grit: ruddy outcrops, typical lithols of ridge former. Not exposed: 19 m.	
	Olympic fm		Os						Sandstone: 1.5 m. ab, mostly ngrd, w/ sharp tops.	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Ferguson Ra c BDF 23 -
sheet serial number horizon remeasurement?
DATE OF MEASUREMENT: 3 6 1988
day month year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 1978 * 910 656 *
map date easting northing easting northing
METHOD OF MEASUREMENT: -
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	if number						
	Gaylad Set					20			See p2	
						19				
						18				
						17				
						16				
						15				
						14				
						13				
						12				
						11				
						10			Sandstone: ca 3m. ab.	
						9				
						8			Not exposed: 2m.	
						7				
						6			Sandstone: 6m ? 3-6 dm bdd, wh, hd, gritty cgs Sst [Qz, Feld].	Bdg ca 130/30NE
						5				
						4				
						3				
						2				
						1				
					0			Not exposed.		

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

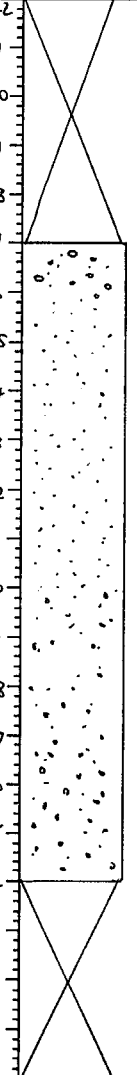
3 6 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

METHOD OF MEASUREMENT:

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number	Disturbance					
	Gaylad Sst	Photo L2	GLg				= dm	see p3 <u>Grit & sandstone</u>: 13 m. pr exp, dm bdd, grit nr base, fining up to crs - crs Sst ; dm-sp f-med Pbls, in top 1m, of rnd Qz. <u>Not exposed</u>: 13 m.		

PAGE 2 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 2 OF 4

PDF 23

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day month year
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	r number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst					64			Not exposed: 27m.	
						63				
						62				
						61				
						60				
						59				
						58				
						57				
						56				
						55				
						54				
						53				
						52				
						51				
						50				
						49				
						48				
						47				
						46				
						45				
						44				
						43				
						42				

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____
GEOLOGIST(S): _____

DATE OF MEASUREMENT: 18 6 1988
sheet serial number horizon remeasurement? 18 6 1988
day month year
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
BASE OF SECTION TOP OF SECTION
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
					85				
					84				
					83				
					82				
					81				
					80				
					79				
					78			Not exposed.	
					77				
					76			Sandstone: 2m. 1-6 dm bdd, wh, hcl [Qz], crs-crs Sst, loc w gran lag stringers. dm A fsts.	Bdg 100/32N
					75				
					74				
					73			Conglomerate & Mudstone: 5m. pr & discontin exp, pe gn gy & mod rd gy, hcl, ncalc Mst & nr base, tr s, f-crs Pl Cgl [rhd Qz].	
					72				
					71				
					70				
					69			Grit & sandstone: 6m. cm-dm bdd, pa yel gy, hcl s Grit [Qz, feldspar] w cm-dm-sp rnd f Plbs Qz nr top. Same med Sst in lowest 1/3.	Bdg 055/25N
					68				
					67				
					66				
					65				
					64				

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET. BDF 23

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Forquesson Ra. C BDF 24 -
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 78 * 840 678 *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES:
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm		Os			19		= dm	See p 2	
						18				
						17				
						16		≡		
						15		4 dm		
						14				
						13				
						12				
						11				
			[dolomitic coners]			10		4	Sandstone: 12m. mm-cm bdd, med Sst; lags 6 fr fsts more common than in Sst above. Basal 9m pr exp.	
						9		= mm-cm		
						8				
						7				
						6		4		
			Os			5				
						4				
						3				
						2				
						1				
						0		~uv	Carbonate: ca 9m. Top contact not exposed: projected.	
	Bitler Springs Fm									

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 3 6 1988
day month year

sheet C BDF 24 serial number - horizon - remeasurement? -

GRID REFERENCES: 19 * - * - *
(metric) map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm					42				
						41				
						40				
						39				
	Olympic Fm					38				
						37				
						36				
						35				
						34				
						33				
						32				
						31				
						30				
						29				
						28				
						27				
	Olympic Fm					26				
						25				
						24				
						23				
						22				
						21				
						20				

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 3 6 1988
day month year

sheet C BDF 24 serial number - horizon - remeasurement? -

GRID REFERENCES: (metric) 19 * - * - *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r number						
	Gaylad Sst		GLg			64		= dm	Grit: 5m. dm bdd, pa yel gy, hld, crs s Grit. Bdg ? thin upseq. m up 1/3. Low ang scour 0.7m > base, 8 cm bdd for 0.5m above this.	
						63		= dm		
						62		= dm		
						61		= dm		
						60		= dm		
						59		= dm		
						58		= dm	Sandstone: 2m. dm bdd, pa yel gy, hld, crs Sst [Qz, Feld]; poss parallel lam. Bds ? thin up-seq.	
						57		= dm		
						56		= dm	Grit: 3m. 3-5 cm bdd crs s Grit.	
						55		= dm		
						54		= dm		
						53		= dm	Grit: 1m. dm bdd crs s Grit.	
						52		= dm	Grit: 2.85m 3-5cm bdd, crs s Grit.	
						51		= dm		
						50		= dm	Grit: 0.5m. dm bdd, crs s Grit.	
						49		= dm	Grit: 1m. 1-3 cm bdd, crs s Grit.	
						48		= dm		
						47		= dm	Not exposed: ca 14.5m.	
						46		= dm		
						45		= dm		
						44		= dm		
						43		= dm		
						42		= dm		

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 3 6 1988
day month year

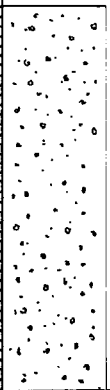
sheet c BDF 24 serial number _____ horizon _____ remeasurement? _____

BASE OF SECTION _____ TOP OF SECTION _____

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	if number						
	Gaylad Set		GLg			72 71 70 69 68 67 66 65 64		= dm	Not exposed. Grit : ca 8m. dm bdd. pa yel gy, hd s Grit [Qz, feld].	N

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION' DETAIL SHEET

REGION: - AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Fergusson Ra
sheet

C BDF 25
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

4 6 1988
day month year

**GRID
REFERENCES:
(metric)**

19 78
map date

BASE OF
824
easting

SECTION
685 *
northing

TOP OF SECTION

<i>easting</i>	<i>northing</i>
-----------------------	------------------------

day month year

* DRILLHOLES:

— Has thickness been corrected for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results					Description	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance	Scale (metres)		
	Gaylad Sst		GLg	CD25A,B	26		Sandstone & grit: cm bedd, crs - crs Sst & s grit. 20cm A tr fets & prob ptg lineations. Low angle scours. Not exposed: ca 20 m.	Bdg 115-120 - 131NE
	Olympic Fm	40-44 photo D16	Oz		5		Mudstone/siltstone: ca 2m. mm (bedd), bn gy, hol Mst to Zst. Not exposed: ca 2m.	Bdg 125/48 NE
			Os		0		Sandstone: dolomitic, with dk bn (- see loc 24).	

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 75

MEASURED SECTION' DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd.

GEOLOGIST(S): B. Field

Ferguson Ra. C BDF 26 - DATE OF MEASUREMENT: 4 6 1988
sheet serial number horizon remeasurement? day month year
GRID REFERENCES: BASE OF SECTION TOP OF SECTION
(metric) 1978 * 825 684 *
map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Gaylard Sst		GLg						Sandstone & Grit: 1 pa yel gy, crs Sst & crs s Grit.	
									Sandstone: 1m. s-20 cm bds gritty crs Sst to s Grit [80% seq] 16m pa yel gy, hd, (srt) f+ crs Sst in ca 15 cm bds.	Bdy 12.5/30N
									Not exposed: ca 4m	
									Mudstone: 1.5m. ab, w tr dol veinlets.	Dip ca 42°
									S. Hstone: 0.4m. lam dk br hd [?dol], 2st, w wh veinlets.	
			Oz						Mudstone: 4m. ab	
									Not exposed: 3.5m.	
	Olympic Fm								Mudstone: as for other nearby localities.	

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RNF 26

MEASURED SECTION' DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Fergusson Ra C BDF 27 -
sheet serial number horizon remeasurement?

GRID	BASE OF SECTION		TOP OF SECTION	
REFERENCES: (metric)	19 78 *	827	683 *	
	map date	easting	northing	easting northing

METHOD OF MEASUREMENT:

DATE OF MEASUREMENT:

4 6 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	Core number							
	Gaylad Sst		G							<u>Sandstone</u> : dm bdd Sst [Qz-rich].	
										<u>Not exposed</u> : ca 4 m.	
	Olympic Fm	40-46 Photos D18 D19 D20.	Oz	CD27A -						<u>Mudstone</u> : 10.5 m. m-sp ? clasts Met - poss flakes hd from dessicatin then newkd. No desmic cracks seen. Poss imbricatu.	
		40-47	Os							<u>Sandstone</u> : dol-cem Sst as for loc 24. Bdg loc lensoid [6cm over 1+m]. Poss conv lams.	

PAGE 1 OF 1

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PMF 77

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ellery Creek deep hole

GEOLOGIST(S): B Field

MacDonnell Ra
sheet

c BDF 28
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:
13 6 1988
 day month year

GRID
REFERENCES:
(metric)

BASE OF SECTION

TOP OF SECTION

19 81
map date

035
easting

680
northing

037
easting

672
northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT: Paced

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Areyonga Formation							See p 3 Not exposed: 0.9m. Sandstone & pebbly sandstone: 2.7m. Qz Sst, Pbly nr base. ~u?~ Carbonate. Top smooth & sl undulose. Not abv striated.	Dip c 60°.	
	Bitter Springs Fm (Loves Ck Mbr)									

PAGE 1 OF 25

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 7Q

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ellery Ck, deep hole

GEOLOGIST(S): B Field

Hermannsburg
sheet

c BNF 28
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:
13 6 1988
 day month year

GRID
REFERENCES:
(metric)

BASE OF SECTION

TOP OF SECTION

19

*

*

✱

1

LHC

•

nick

be

COG

Has thickness been corrected
for dip? YES, NO

of drillhole collar

metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number							
	Areyonga Formation	40 - 71							See p 3		

PAGE 2 OF 25

PAGE 2 OF 25

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RNF 78

MEASURED SECTION, DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ellery Ck, deep hole

GEOLOGIST(S): B Field

Hermannsburg sheet c RDE 28
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT:
DATE OF MEASUREMENT: 13 6 1988
day month year
DRILLHOLES:
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Areyonga Fm	40-73						Mainly not exposed: 4.3m. one rsl Bdr granite 2.7m below. Sandy Conglomerate & Grit: 7.5m. dm bdd, pa gy, hd, (srt) s mx-rich to mx-supt f-med Pld Cgl [Qz, Carb, Qzid]. 1b m gy hd Grit [50% of unit]. Cgl crns upseq to crs Pld in middle of unit, then fines upseq to f Pld. Not exposed: 1.8m Sandstone: 1.8m. dm bdd pa gy, hd, srt crs Sst [Qz, R, Feld]. Grtly nr top. dm A fsts. Sandstone: 0.9m. cm bdd, pa gy hd srt med Sst [Qz]. cm A tr fsts Pebbly Sandstone: 4.4m. pr exp.		

PAGE 3 OF 25

MEASURED SECTION. DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ellery Creek, deep hole

GEOLOGIST(S): B. Field

Hermannsburg
Sheet

c BDF 28
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:
13 6 1988
day month year

GRID
REFERENCES:
(metric)

19

*

*

*

BASE OF SECTION

TOP OF SECTION

map date

easting

northing

easting

northing

METHOD OF
MEASUREMENT: Paced

DRILLHOLES:
Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	<u>Areyonga Fm</u>	<u>40-74</u>				86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64			<u>Not exposed: 6m</u>	
									<u>Sandstone: 0.2m. med sst w fsts.</u> <u>Not exposed: 2m.</u>	
									<u>Sandstone: 2m. cm-dm bdd, f sst. Grds to crs sst at top.</u>	<u>Dip</u> <u>c 80°</u>
									<u>Pebbly sandstone: 1m. f Pbls. shear planes // bdg.</u>	
									<u>Not exposed: 10m.</u>	
									<u>Pebbly Sandstone: 0.9m. msrt. clasts -> crs Pbl. Rev grd.</u> <u>capped by 10cm med sst.</u> <u>see p 3</u>	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 28.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ellery Creek deep hole

GEOLOGIST(S): B. Field

Hermannsburg
sheet

c BDF 28
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:

13 6 1988
day month year

GRID
REFERENCES:
(metric)

19
map date

*
easting

*
northing

*
easting

*
northing

BASE OF SECTION

TOP OF SECTION

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Areyonga Fm					108			Sandstone: 7m. ?mm bdd, f+ med.	
						107				
						106				
						105		= mm?		
						104				
						103				
						102				
						101			Pebble-Boulder Sandstone: c 4m. Clasts → 2m across. 50 x 30cm bldr granite @ base.	
						100				
						99				
					98			Mudstone: 0.5m ps gngy hrd Mst. Not exposed: 2m.		
					97					
					96					
					95			Sandy conglomerate: 1m. esp f-med Pbs; shear planes. Not exposed: 6m.		
					94					
					93					
					92					
					91					
					90					
					89					
					88			Sandstone: 2m. dm bdd, w/ chan. structures		
					87					
					86					

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ellery Creek, deep hole

GEOLOGIST(S): B. Field

Hermannsburg sheet c BDF 28 serial number - horizon - remeasurement? -
DATE OF MEASUREMENT: 13 6 1988
day month year
GRID REFERENCES: (metric) 19 * BASE OF SECTION * TOP OF SECTION *
map date easting northing easting northing
METHOD OF MEASUREMENT: -
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N ↓
		Petrological data	Paleontological data	'p number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	
	<u>Are Yonga Fm</u>	<u>40-77</u>				130			<u>see p 7</u>	
						129		<u>= mm</u>		
						128		<u>< mm</u>		
						127				
						126			<u>Sandstone: 16 m. mm bdd f Sst, mm A fsts. Faceted dropstone of Qzite 2m > base. Top 30cm of sst cem.</u>	
						125				
						124		<u>= mm</u>		
						123				
						122		<u>< mm</u>		
						121				
						120				
						119				
						118				
						117		<u>= mm</u>		
						116				
						115				
						114		<u>< mm</u>		
						113				
						112				
						111				
						110			<u>Not exposed: 2m.</u>	
						109				
						108			<u>see p 5</u>	

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

c RDF 28

sheet

serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

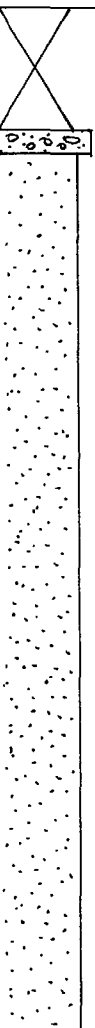
DATE OF MEASUREMENT:

13 6 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N
		Petrological data	Paleontological data	'f' number						
	Areyonga Fm (cf Limbula/Arakka?)					152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130		see p 8 <u>Pebbly ? Sandstone</u>: 0.5m. f-med Pbls. <u>Sandstone</u>: 22m. pr exp, ab.		

PAGE 7 OF 25

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 28

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

c BDF 28 - DATE OF MEASUREMENT: 19
sheet serial number horizon remeasurement? day month year
BASE OF SECTION TOP OF SECTION
* * *
REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar: _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	?					174			Not exposed: 20m.	
						173				
						172		= cm	Sandstone & Mudstone: 0.5m. cm ib Sst & Mat; 50:50.	
						171			Not exposed: 15m	
						170				
						169				
						168				
						167				
						166				
						165				
						164				
						163				
						162				
						161				
						160				
						159				
						158				
						157				
						156			Mudstone: 2m. med gy hd Mat.	
						155				
						154		= mm-2cm	Sandstone: 1m. mm-2cm bdd, pa bn, hd, f Sst.	
						153			Pebbly Sandstone: 0.3m. mx suprt (90%) f Pbls, max 15cm across.	
						152			Not exposed: 4m.	

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____

sheet _____ serial number _____ horizon _____ remeasurement? _____

GRID REFERENCES: 19 * * * BASE OF SECTION TOP OF SECTION

map date _____ easting _____ northing _____ easting _____ northing _____

METHOD OF MEASUREMENT: _____

DRILLHOLES: _____

Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance					
	Pioneer Sst					271			See p10.	
						270				
						269			Not exposed : 25m.	
						268				
						267				
						266				
						265				
						264				
						263				
						262				
						261				
						260				
						259				
						258				
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						253				
						252				
						251				
						250				
						249				
						248				
						247				
						246				
						245				
						244			Sandstone: 2m ab.	
						243				
						242			Not exposed: 49m.	
						241				
						240				
						239				
						238				
						237				
						236				
						235				
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						199				
						198				
						197				
						196				
						195				
						194				
						193			Sandstone: 1m. pr exp, py gel gy, hd, med Sst.	
						192			(Not exposed : 20m ctd.)	
						191				
						190				

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day month year

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Pioneer Sst					293 292 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271		See p 11 <u>Not exposed: 5m.</u> <u>Sandstone: 16 m. pa gy, hd, (st), med-ors Sst [Qz, RF], grad upseq to f Sst at top. dm A low angle fsts, & grit logs in basal 1/3 of unit. Shallow water.</u>		

PAGE 10 OF 25

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

c <u>BDF 28</u>		DATE OF MEASUREMENT: <u>19</u>	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
day	month	year	
GRID REFERENCES: (metric) <u>19</u> *		* DRILLHOLES:	
map date	easting	northing	easting
METHOD OF MEASUREMENT:		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar <u>metres a.s.l.</u>	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
						315				
						314				
						313				
						312				
						311				
						310				
						309				
						308				
						307				
						306				
						305				
						304				
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						301				
						300				
						299				
						298				
						297				
						296				
						295				
						294				
						293				

Pioneer Set

42-104

CD 28E

42-103

Photos X28
X29

(=) cm

Sandstone: 4m ab, but rd bn + pa gn gy (redox).
Pty lns.

Sandstone: 8m. cm (bdd), pa gn gy, (hd), f Sst w cm-sp
discontin lag (ams to cm lenses med-cr Sst).

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet	C BDF 28	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
19	*	BASE OF SECTION	TOP OF SECTION	day month year	19
map date	easting	northing	easting	northing	DRILLHOLES:
					Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:					Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number						
	Pioneer Sst	40-79				337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315			See p 13 Sandstone: 2m. as for 16 m unit below. Not exposed: 27m.	

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

GRID REFERENCES: (metric) 19 * * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

remeasurement? _____

DRILLHOLES: * * * *
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Pioneer Sst	40-80		CD28D	359		= < cm	see p 14	
				CD28C	358		= < cm	Sandstone: 1.9 m. Imbricated bedded clasts carb sst at base; Grd crs sst, dm Afr fsts; up to f sst, cm A tr fsts.	
				CD28B	357		= < cm		
					356		= cm	Sandstone: 4.6 m. 2-10 cm lb pa + dk sst, cm A tab fsts, bimodal.	
				CD28A	355		= cm		
					354		= cm		
					353		= cm		
					352		= cm	Sandstone: 1 m. rd gy. (soft) sst. [cf. Jay Ck].	
					351		= cm	Not exposed: 20 m	
					350		= cm		
					349		= cm		
					348		= cm		
					347		= cm		
					346		= cm		
					345		= cm		
					344		= cm		
					343		= cm		
					342		= cm		
					341		= cm		
					340		= cm		
					339		= cm		
					338		= cm		
					337		= cm		

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

GRID REFERENCES: (metric) 19 _____ * _____ * _____ * _____

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	PERTATATAKA FM					381 380 379 378 377 376 375 374 373 372 371 370 369 368 367 366 365 364 363 362 361 360 359			See p 15. Not exposed / poorly exposed: 15m. Poss basal dm thick f-med Plol Cgl c/lain by dm bdd Sst w Plols of Sst ab. Dolomite: 1m. pk stram dol w pods rd chit. Sandstone: 1m. ab, cm-dm bdd, dol cem, no fsts.	
		Photos X15-X20. 40-84								

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

c 80F 28		DATE OF MEASUREMENT: 19	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Pentatata Fm					403	-		See p 16.	
						402	-			
						401	-			
						400	-			
						399	-			
						398	-			
						397	-			
						396	-			
						395	-			
						394	-			
						393	-		Mudstone: 15m. gn.	
						392	-			
						391	-			
						390	-			
						389	-			
						388	-			
						387	-			
						386	-			
						385	-			
						384	-			
						383	-			
						382	-			
						381	-			

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

C 8DF 28		DATE OF MEASUREMENT: 19	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES: Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Pectatataka Fm					425 424 423 422 421 420 419 418 417 416 415 414 413 412 411 410 409 408 407 406 405 404 403			See p 17	
									Not exposed: 10m. traces rd Mst.	
									Mudstone: 10m. red.	

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

c BDF 28

sheet

serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet c BDF 28 serial number - horizon - remeasurement? - DATE OF MEASUREMENT: 19 day - month - year

GRID REFERENCES: (metric) 19 * BASE OF SECTION * TOP OF SECTION *
map date - easting - northing - easting - northing -

METHOD OF MEASUREMENT: _____ DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number					
	Pentatataka Fm				514			See p 19	
					513				
					512				
					511				
					510				
					509				
					508			Mudstone: 2m.	
					507				
					506			Not exposed: 8m.	
					505				
					504				
					503				
					502				
					501				
					500				
					499				
					498			Mudstone: red.	
					497				
					496			Mudstone: green.	
					495				
					494			Not exposed: 59m.	
					493				
					492				

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

map date

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easting

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northing

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easting

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northing

METHOD OF
MEASUREMENT:

c QDF 28

sheet serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

day month year

19

BASE OF SECTION

TOP OF SECTION

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	number					
	Pertatataka Fm				S36			see p 20	
					S35				
					S34				
					S33				
					S32				
					S31				
					S30				
					S29				
					S28				
					S27				
					S26				
					S25				
					S24			Not exposed: 16m.	
					S23				
					S22				
					S21				
					S20				
					S19				
					S18				
					S17				
					S16				
					S15				
					S14				

MEASURED SECTION: DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

c <u>BDF 28</u>		DATE OF MEASUREMENT: <u>19</u>	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
day	month	year	
GRID REFERENCES: (metric) <u>19</u> *		* DRILLHOLES:	
map date	easting	northing	easting
METHOD OF MEASUREMENT:		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar <u>metres a.s.l.</u>	

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number							
	Pentatataka fm						558	-		<u>Mudstone</u> : 16 m. green.	N ↑
							557	-			
							556	-			
							555	-			
							554	-			
							553	-			
							552	-			
							551	-			
							550	-			
							549	-			
							548	-			
							547	-			
							546	-			
							545	-			
							544	-			
							543	-			
							542	-			
							541	-			
							540	-			
							539	-			
							538	-			
							537	-			
						536	-				
									<u>Mudstone</u> : 18 m. red		

PAGE 20 OF 25

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

sheet	c BDF 28 serial number
-------	---------------------------

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturb- ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Pertatataka Fm				S80			See p 22		
					S79					
					S78					
					S77			Mudstone: 14 m. gn, w/ cm-thk Zst bds.		
					S76					
					S75					
					S74					
					S73					
					S72					
					S71		= cm			
					S70					
					S69					
					S68					
					S67					
					S66					
					S65					
					S64					
					S63			Not exposed: sm.		
					S62					
					S61					
					S60					
					S59					
					S58		See p 20			

PAGE 21 OF 25

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet c 28 serial number 28 horizon - remeasurement? - DATE OF MEASUREMENT: 19 day - month - year -

GRID REFERENCES: (metric) 19 * BASE OF SECTION * TOP OF SECTION *
map date - easting - northing - easting - northing -

METHOD OF MEASUREMENT: _____

DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Pertatataka fm					602			see p 23	
						601				
						600				
						599				
						598			Mudstone: 1 m. red	
						597			Not exposed: 6 m.	
						596				
						595				
						594				
						593				
						592				
						591			Mudstone: 1 m. green.	
						590			Not exposed: 4 m.	
						589				
						588				
						587				
						586			Mudstone: 5 m. green.	
						585				
						584				
						583				
						582				
						581			Not exposed: 4 m.	
						580				

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day month year

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: *
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l. _____

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Pertatata Fm					624 623 622 621 620 619 618 617 616 615 614 613 612 611 610 609 608 607 606 605 604 603 602			Mudstone: 4m. red + green. Not exposed: 11m.	

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

c BDF 28		DATE OF MEASUREMENT: 19	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Pentatataka Fm					646 645 644 643 642 641 640 639 638 637 636 635 634 633 632 631 630 629 628 627 626 625 624			see p25. Not exposed. 30m.	

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

METHOD OF
MEASUREMENT:

c BDF 28

sheet

serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Julie Formation	40-85				665 664 663 662 661 660 659 658 657 656 655 654 653 652 651 650 649 648 647 646			↑ Not logged. Grit / Limestone.	
	Pentatataka Formation								Shales + fine Sandstones: 19m. mainly green.	

MEASURED SECTION' DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

C <u>RDF 29</u>		DATE OF MEASUREMENT: <u>19</u>	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
day	month	year	
GRID REFERENCES: (metric) <u>19</u> *		* DRILLHOLES:	
map date	easting	northing	easting
METHOD OF MEASUREMENT:		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar <u>metres a.s.l.</u>	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
						38			see p 3	
						37				
						36				
						35				
						34				
						33			<u>Mudstone & Sandstone</u> : c 0.2m (rabbit hole) : gngy, hd Mst of Sst.	
						32			<u>Not exposed</u> : 17m.	
						31				
						30				
						29				
						28				
						27				
						26				
						25				
						24				
						23				
						22				
						21				
						20				
						19				
						18				
						17				
						16				

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet c 60F 29 serial number - horizon - remeasurement? -
DATE OF MEASUREMENT: 19 day - month - year
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * - * - *
map date - easting - northing - easting - northing
METHOD OF MEASUREMENT: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	' number						
	Gaylad Ssx					60			See p 4	
						59				
						58		(=) dm		
						57				
						56				
						55			Not exposed: 2.7m.	
						54				
						53			Conglomerate: 0.2m. cl suprt, gritty f Plb Ggl [rnd Qz, sps carb]	
						52			Not exposed: 5.7m.	
						51				
						50				
						49				
						48			Conglomerate/Grit: 0.15m. (exp), (srd) gritty f Plb Ggl-Grit [rnd Qz+carb]	
						47		erosional	Sandstone: 0.15m. mm-cmbdd, longu, hd, f-med Sst w/ 1-2cm A f: is	
						46			Not exposed: 14m. [cf: Loc 24 concr bds]	
						45				
						44				
						43				
						42				
						41				
						40				
						39				
						38				

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

c	BDF 29.	-	DATE OF MEASUREMENT:
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaybad 55+	41-5 41-6				73 72 71 70 69 68 67 66 65 64 63 62 61 60			Not exposed. Sandstone: 17.5 m. dm(bdd), wh, hd, srt crs Sst [Qz, 0-10% pk clays - wthd feld? - & 3% pa gn? Glc]. Low angle fsts, parallel lams, phl lags [eroded out].	



MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Fergusson Ra
sheet

c BDF 30
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:
18 6 1988
 day month year

**GRID
REFERENCES:
(metric)**

1978
map da

* 844
easting

676
northing

easting

nothing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number						
	Olympic Fm		Oz					Not exposed: 8m Mudstone: 2.2m. pabngy, hd Mat Not exposed to 36m	Edg 120/90°	
	Butler Springs Fm							Carbonate		

PAGE 1 OF 8

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 30

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day month year

GRID REFERENCES: (metric) 19 * * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

remeasurement? _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
	Olympic fm	41-8	Oz		68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46			Mudstone-Siltstone & Sandstone: 1.5m. Mst-Zst ab, w/ cm-sp mm-2cm lds pa gy, hd, ncalc f Sst [f dk? Glc, o.s.]. No dropstones seen.	
							= cm		
							= cm		
								Not exposed: 2.5m.	
		41-7					= mm	Mudstone & Siltstone: 1m. ab. Some Zst = pa gy [f dk? Glc].	Bdg 139/40 NE
								Not exposed: 1.5m.	
			Oz				= mm	Mudstone & Siltstone: 0.2m. ab, Mst:Zst as 50:50.	
								Not exposed: 1.5m.	
							= dm	Mudstone & Siltstone: 0.3m. pa rd bn hd Mst w/ ? dm sp mm lds Zst	Bdg 115/SSNE

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet	C BDF 30	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
					19
GRID	BASE OF SECTION	TOP OF SECTION	day month year		
REFERENCES:	19	*	*	*	DRILLHOLES:
(metric)	map date	easting	northing	easting	northing
METHOD OF MEASUREMENT:	Has thickness been corrected for dip? YES, NO				Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Olympic fm		Oz	ED 30A		80		= dm	Sandstone & Siltstone: 1.15m. pale bn-medgy [with dk bn], fis f Sst; lam & 1 cm Afsts at top; 16 m pa bn gy hcl Zst. Not exposed: 11.3 m.	

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm		Os			112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90			See p 5 Not exposed: 25m.	

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

_____ sheet C BDF 30 serial number _____ horizon _____ remeasurement? _____ DATE OF MEASUREMENT: _____
 _____ day _____ month _____ year 19 _____
 GRID REFERENCES: BASE OF SECTION TOP OF SECTION
 (metric) 19 * * * DRILLHOLES:
 map date easting northing easting northing Has thickness been corrected
 for dip? YES, NO
 METHOD OF MEASUREMENT: _____ Elevation of drillhole collar _____
 metres a.s.l.

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

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MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 day month year

sheet c 30 serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION

GRID REFERENCES: (metric) 19 * * * DRILLHOLES: Has thickness been corrected for dip? YES, NO

map date easting northing easting northing

METHOD OF MEASUREMENT: _____ Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm		Oz							

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet		serial number		horizon		remeasurement?		DATE OF MEASUREMENT:	
19		C BDF 30		-				day month year	
BASE OF SECTION		TOP OF SECTION						DRILLHOLES:	
map date		easting		northing		easting		northing	
								Has thickness been corrected for dip? YES, NO	
METHOD OF MEASUREMENT:								Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	'P number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
		41-10	GLg?			178			sea p 8		
		Photos L 15 L 16 L 17				177		= cm-dm			
						176					
						175					
						174					
						173			Grit: 16m. cm-dm bdd, pa gel gy, hd [Qz], (srt), ss Grit - gran Ggl.		
						172			Prob 2-3 cm th firing up-seq units: dm bdd m-f Plb → cm bdd		
						171		= cm-dm	cs S, but no o'all firing up-seq. so on A fsts. pa gr min		
						170			? Gtc?		
						169					
						168					
						167					
						166					
						165		L dm			
						164		= cm-dm			
						163					
						162					
						161					
						160					
						159					
						158					
						157			Not exposed: 9.5 m		
						156		? ~ U ~			

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

sheet _____ serial number _____ horizon _____ remeasurement? _____

GRID REFERENCES: (metric) 19 * BASE OF SECTION * TOP OF SECTION *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Gaylad Sst	41-12 photo L18	GUsg			194 193 192 191 190 189 188 187 186 185 184 183 182 181 180 179 178			Not exposed.	
							= dm dm	Sandstone: 2m. dm bedd, wh, hsd [Qz] Sst. dm A tabo fsts L. crs Sst.	Bdy 120/26NE of below	
							~un~ ?	Not exposed: 9.5m. ← no Egl seen		
			Glg?				= cm-dm	Sandstone: 8m. pr exp ab but finer: crs - crs Sst.		

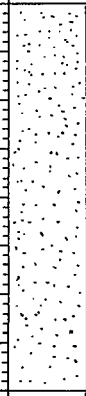
MEASURED SECTIC DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Ferguson 6a c BDF 31 - DATE OF MEASUREMENT:
0 sheet serial number horizon remeasurement? 13 7 1988
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: 19 78 * 783 705 * DRILLHOLES:
(metric) map date easting northing easting northing Has thickness been corrected
METHOD OF for dip? YES, NO
MEASUREMENT: Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'p' number	Disturbance				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm		Os			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0		= dm <		

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

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MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 13 / 7 / 1988

sheet c BDF 31 serial number horizon remeasurement?

BASE OF SECTION TOP OF SECTION

GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
	Olympic Fm		Osc			42-76			see p 3		
								= dm - m			
								= dm - m			
								< dm	Sandstone: 10m. prxp dm bdd rd bn soft med sst & yel gy soft crs sst. Loc with dk bn. ?amalg, ?no ibs.		

MEASURED SECTIC | DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

sheet	C 8DF31	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	19	*	*	*	13 7 1988
map date	easting	northing	easting	northing	day month year
METHOD OF MEASUREMENT:					DRILLHOLES:
					Has thickness been corrected for dip? YES, NO
					Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst		Glg			64 63 62 61 60 59 58 57 56 55 54 53			see p5	
	Olympic Fm	Photos w 30, w 31	Osc			52 51 50 49 48 47 46 45 44 43 42			<u>Conglomerate & Sandstone</u> : 30m. dm-m bdd, Cgl & med Sst. Cgl → Pkly grit dm-eq. Upr 1/2 = 80-90% Cgl, 10-20% Sst. Lwr 1/2 = 50-90% Sst. Cgl gen (srt) mx = s, grit. Clasts md-rnd, esp Qtzite, c, CB, CE. Max gen 10x10cm but up to 20x20cm.	

PAGE 3 OF 7

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

c BDF 31
serial number

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

13 7 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	Core number					
	Gaylad Sst		GLg		86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64	 = cm-dm L = cm-dm L = cm-dm	See p 5		

PAGE 4 OF 7

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 4 OF 7

BDF 31

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B. Field

c <u>BDF 31</u>		DATE OF MEASUREMENT:	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar _____ metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
	Gaybad Sst		GLg			108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86			See p 6		
									Grit & Sandstone: 4.7 m. cm-dm bold yel-or w/ting grit & crs Sst. Fsts.		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B. Field

C 80F 31		DATE OF MEASUREMENT:	
sheet	serial number	horizon	remeasurement?
BASE OF SECTION		TOP OF SECTION	
19	*	*	*
map date	easting	northing	easting
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar _____ metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaybad Sst		GU _s			130				
						129				
						128				
						127				
						126				
						125				
						124				
						123				
		42-73	GU _c →			122				
						121				
		42-74 Grit				120				
		42-75 Sst				119				
			GL _g			118				
						117				
						116				
						115				
						114				
						113				
						112				
						111				
						110				
						109				
						108				

MEASURED SECTION DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet	C	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
19	*			*	19
map date	easting	northing	easting	northing	day month year
METHOD OF MEASUREMENT:				DRILLHOLES:	
				Has thickness been corrected for dip? YES, NO	
				Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number						
	Gaybad Sst	42-71	GUs/sg			189		= dm	Not exposed.	
						188			Sandstone: 1 m. dm bdd, wh, lnd. Sst [Qz, 10-15% packmarked => ?feld]; loc grit lams.	
						187		= mm	Sandstone: 66 m. mm bdd, wh, lnd [Qz], med Sst. Ptg lins.	
						186			Basal 9m prep. Pbl Cgl at base.	
						185				
			GUs		CD31A	184				
						183		= mm		
						182				
						181				
						180				
						140				
						139				
						138		= mm		
						137				
						136				
						135				
						134				
						133		= mm		
						132				
						131				
						130				

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000) 1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet c 80F 32 serial number _____ horizon _____ remeasurement? _____

BASE OF SECTION TOP OF SECTION

GRID REFERENCES: (metric) 19 * * * DRILLHOLES: Has thickness been corrected for dip? YES, NO

METHOD OF MEASUREMENT: _____ Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number							
	Olympic Fm	Photos M28, 41-24 Photos M25, M26, M27.					17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			Sandstone: sm. cm-dm bdd, yel-or-gy [withrd], gy [fresh], lsd, set crs Sst [Qz + ?oolite - see 41-23]. Rpls on dm-thick low angle lams: bar? ?Dessication cracks. Fsts. Loc 1-5 cm bdd med Sst also w mm-1 cm A stacked tr ppls. 0.15 m carb nr top, w 4 cm-sp mm lams Sst ab. Not exposed: 9m. Sandstone: 1 m. dm (bdd). Sandstone: 0.3 m ab. Not exposed; 0.3 m. Sandstone: 0.7 m. crs. ab. Sandy conglomerate: 0.6 m (loc → 3m), mm-sp med-cr Pld [C8+B8 carb, rnd fng]. Sandstone: 0.25 m cm (bdd), yel or [withrd], pa gy, ha [Qz] scl. crs Sst [Qz]; loc f; spn Pld lags. Sandstone: 0.6 m. cm bdd, pa bn gy, [withrd], pa gy [fresh], lsd, scl. f Sst [Qz; <0.5] dk ?Glc; 1-2 cm A stacked + fsts. Not exposed: >100 m. FAULT (OR ANGULAR UNCONF).	dip c 10° S
		41-23									
		41-21, 41-22 41-20 41-19	Photos T19-21. Photo T18	Oc	CD 32A CD 32 I-L						
	Aralka Fm										

PAGE 1 OF 4

MEASURED SECTION' DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day _____ month _____ year

GRID REFERENCES: (metric) 19 * * * * *

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

remasurement? _____

DRILLHOLES: _____

Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r number						
	Olympic Fm	Photo M33	Od			39			See p 3	
						38				
						37			Carbonate: med gy, hd oolitic.	
						36		mm+ cm	Sandstone: 1m. mm bdd, gy, hd f Sst w mm A fsts ib w mm bds med gy hd oolitic carb. cm A fsts.	
						35			Not exposed: 1m.	
						34		mm dm	Sandstone & Carbonate: 2.5m. dm bds, mm bdd, gy, hd, f Sst: mm A fsts, scours ib w mm bds med gy, hd, oolitic carb [80% of seq]; dm bds med gy, hd, oolitic carb [20% of seq].	
						33				
						32			Siltstone: 0.35m. pa. gy (hd)-hd Zst (to carb).	
						31		cm-dm 1-2cm	Sandstone & Siltstone: 3m. cm-dm bdd, dk rd bn hd concr f Sst w stacked 1-2cm A tr (8 tab) fsts i dm bds @ 1m sp of pa. gy, (hd) Zst [20% of seq].	
						30				
						29				
						28		cm cm	Sandstone: 3m. ab but cm A fsts, tr & tab, incl herringbone. Top 0.5m: rd bn, hd, f Sst, cm A rpld.	
						27				
						26				
						25			Sandstone: 0.8m. cm-dm A tr fsts/scours in med ?oolitic Sst. Soft sand dclm?	
						24			Sandstone: 0.5m. med-dk bn hd f Sst; fsts. Shale: 0.2m. pa. gy (hd), 2 f Sst + Zst, 1 lam. Sandstone: 1.5m. stacked mm-2cm A tr fsts in f Sst p'lainly 0.5m chan fill med Sst (?oolitic); 10-25 cm med Sst w cm-dm A tr fsts, 15cm mm- 2cm A tr fsts w f Sst; @ 5.5m med Sst w scours; top 10cm dk bn hd concr grain f Sst.	
						23			Not exposed: 5m. Poss. Sst + carb, ab.	
						22				
						21				
						20				
						19				
						18				
						17				

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 _____ day month year

sheet _____ serial number _____ horizon _____ remeasurement? _____

GRID REFERENCES: (metric) 19 * BASE OF SECTION * TOP OF SECTION *

map date _____ easting _____ northing _____ easting _____ northing _____

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	Photo N1				61			See p 4.	
						60				
						59				
						58				
						57				
						56			Sandstone: 0.3m. rd gy. hd. f. Sst. // lam. HM: on lms. Basal contact Nexp.	
						55			Sandstone: 1 m. rd bn. f-f Sst; rpld, f. lames, convols.	
						54			Sandstone: 9 m. dm bds rd bn/blk concr f Sst w rpls & pass conv; 1b w dm bds // Sst but withg yel or- rd bn.	
						53				
						52				
						51				
						50				
						49				
						48				
						47				
						46				
						45			Not exposed: 0.4m	
						44			Sandstone, Carbonate: 0.4m dm bdd pa yggy hd f-ors Sst (Qtz+ool, // lam); carb	
						43			Sandstone: 0.5m. rd bn concr f Sst; rpls, stacked, tr; some bedded.	
						42			Sandstone: 0.4m. calcitic, ab.	
						41			Not exposed: ca 2.5m.	
						40				
						39				
									Sandstone: mm bdd. gy. hd. calcitic Sst; rpls loc grd crs -f. Dess. cracks	
									Sandstone-Siltstone: 0.12m. ab.	
									Sandstone: 1m. rd bn. hd concr f Sst; stacked 1-2 cm A tr rpls.	
									Sandstone-Siltstone: 0.2m. ab, w pa yggy Zst-rpld f Sst at top.	
									Not exposed: 3m. ? Sst?	

Bdg: 085/095

MEASURED SECTION' DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

c BDF 32					DATE OF MEASUREMENT:		
sheet	c	number	horizon	remeasurement?	day	month	19
GRID REFERENCES:	BASE OF SECTION		TOP OF SECTION		year		
(metric)	19	*	*	*	DRILLHOLES:		
	map date	easting	northing	easting	northing	Has thickness been corrected for dip? YES, NO	
METHOD OF MEASUREMENT:					Elevation of drillhole collar		
					metres a.s.l.		

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION' DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
4 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 23 6 1988
day month year

sheet C BDF 33 serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION

REFERENCES: 19 * * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: * * * *
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	Photo T26 41-37A 41-37B	Os					see p2 Conglomerate: 0.2m. clast suprt, mbr. s.grit, Pld-Cld Cgl. Sandstone: 0.5m. dk bn, hd. [?dol] srt f [Fe U] Sst. Sandstone: 2.5m. ab, w m-sp dm concr bds. Not exposed: 3.8m Sandstone: 7.7m. wh, friable, srt f [Fe U] Sst [Qz] w dm-m sp dk bn [?dol] concr bds. Not exposed.		

PAGE 1 OF 4

MEASURED SECTION' DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet	C GDF 33	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	TOP OF SECTION	day	month	year	19
GRID REFERENCES: (metric)	19	*	*	*	DRILLHOLES:
map date	easting	northing	easting	northing	Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:	Elevation of drillhole collar metres a.s.l.				

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Olympic Fm	41-35	Oc					see p 3		
				CD 33 A, D					Conglomerate: 0.1 m. Imbr bladed carb Plds.	
				CD 33C					Sandy Conglomerate: 1.2 m. gy, hd, unsrt, mx-rich, cl-supt s, f-crs Pld Gyl; (imbr). Loc w sandstone lenses. Carb, Qz, Plut. Ngrd.	
				CD 33B					Sandstone, grit, conglomerate: ca 1 m. wh-pg gy, hd, srt crs-ss Sst (crs Qz frosted; ? oolites), loc w chan fill: grit & Grit (Plut Gyl [imbr]).	
				CD 33G					Sandstone: 13.8 m. pa yel gy, hd, srt med Sst [loc w crs S lam. Qz, loc as grit clasts.] Top 0.6 m = 0.6 m A tab fsts, o'lies 0.6 m A tab fsts, o'lies 0.8 m A tab fsts; pr exp below, poss dm bdd.	
			Os							

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet		serial number		horizon		remeasurement?		DATE OF MEASUREMENT:	
c BDF 33		-		-		-		19	
BASE OF SECTION		TOP OF SECTION		day		month		year	
GRID REFERENCES: (metric)		19		*		*		DRILLHOLES:	
map date		easting		northing		easting		northing	
METHOD OF MEASUREMENT:								Has thickness been corrected for dip? YES, NO	
								Elevation of drillhole collar	
								metres a.s.l.	

Stage	Formation	Samples taken and results				Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition						
	? Gaybad Sst					14.2			≡ cm-dm	see p4	
						14.1			≡ dm		
						14.0			≠		
						13.9			└ 10 cm		
						13.8					
						13.7					
						13.6			≡ cm-dm		
						13.5			↑ ≡ dm		
						13.4			≡ dm		
						13.3			≡ mm		
						13.2			≡ ?		
						13.1			≠		
						13.0					
						12.9					
			41-32			12.8					
			41-31			12.7			≡ dm mic		
						12.6				Not exposed: 96 m.	
						12.5					
						12.4					
						12.3					
						12.2					
						12.1					
						12.0					

PAGE 3 OF 4

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

c BDF 33

DATE OF MEASUREMENT:

sheet

serial number

horizon

remeasurement?

$$\frac{\text{day}}{\text{day}} \quad \frac{\text{month}}{\text{month}} \quad \frac{19}{\text{year}}$$
GRID

BASE OF SECTION

TOP OF SECTION

REFERENCE
(metric)

19

*

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B D Field

sheet		serial number		horizon		remeasurement?		DATE OF MEASUREMENT:		
19		*		*		*		24 6 1988		
map date		easting		northing		easting		northing		Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:		BASE OF SECTION		TOP OF SECTION				Elevation of drillhole collar metres a.s.l.		

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
	Olympic Fm	Photos 011-015 41-42 41-43	Oc	CD36E	13			Not exposed.	
		Photo 016, 017 41-44		CD36F	12			Pebbly sandstone: 1m agglty med Sst w grain to gran f-med Plol (max chl). ca 75% carb, 10% pk qzite, 5% Qz, 5% scht, 5% granite. Sand 60-70% of unit.	
		Photos N 41-45 O 1-10 41-50 41-51	Oz	CD36B	11			Sandstone & sandy Conglomerate: 0.9m. ? dm bldd pa rd gy [wtlrd], pa rd gy-wh [fresh], hd. Sst med Sst [Qz, 1-2% feld]; lag gran/Plols + chan.	
		Photo 018 41-46		CD36C	10			Mudstone, pebbly Mudstone and sandy conglomerate: 11m. rd bn, hd	
		Photos 020, 021, 022, 023 41-48	Oc	CD36D	9			fossils Mat [loc sl rd gy & sl gngy]; s [incl med ch ? frosted Qz] w cm sp f Plols & dm sp med-crs Plols in top 2m. 1.5m chan s Cgl 5m	
		Photos 025, 026 41-47 41-49 41-52 41-53 41-54	Oz		8			< top: mx-supt, ngrd: mm-sp grit-f Plol, cm sp med Plol, dm sp crs-crs Plol, m-sp Chls-Bldrs [incl med gran, qzite, gneiss, carb]. Concn caps w/lying 1m s Cgl: mx supt, ngrd as for unit above. Max = 12cm	
					7			Chls quartz, qzite, rnd, CE-CB. Traceable lat 25m to E.	
					6			Not exposed	
					5				
					4				
					3				
					2				
					1				
					0				

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
4 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B Field

DATE OF MEASUREMENT: 25 6 1988
sheet serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: *
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'p' number						
	Olympic Fm	41-64 Photo 034 41-63	Od			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			see p 2 Mudstone: 3m. rd bn hd Mst. Not exposed: ca 1m Carbonate + chert: 0.3m. yel gy, hd; m-sp cm x dm chert nodules. Siltstone: 3.05m. rd bn hd Zst, to f Sst in upr 1/2. 0.05m carb 1.5m at top. Carbonate: 0.2m. yel gy, hd carb w rip-up clasts and crs Qz sand. Not exposed: 1.5m. Siltstone: 2m. mm bdd, rd bn, hd Zst. Carbonate: 1m. yel gy, hd, aa. Not exposed: ca 5m Pebbly sandstone: ca 1m - see BDF 36. Sandstone: 2dm bdd, pa rd gy-wh, hd [Qz], sst. med Sst [Qz 1-2.3 ?feld] [= = 11-12 m on BDF 36]	
		Photo 035	Oc						↓ Mst w dropstones	

MEASURED SECTION DETAIL SHEET

REGION: AMA DE US

SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
4 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B Field

sheet	C BDF 37	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
BASE OF SECTION	TOP OF SECTION	day	month	year	25 6 1988
GRID REFERENCES: (metric)	19 *	map date	easting	northing	DRILLHOLES: *
METHOD OF MEASUREMENT:					Has thickness been corrected for dip? YES, NO
					Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Olympic Fm	Photos 032, 033 41-62	Od			42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20			Concrete: 0-3m. Carbonate w/ crs S [Qz] & rip-up rafts carbonate, cf 41-59. Sandy siltstone: 0.5m. pa y gy [lithol], pa gy [fine], (hd) (Srt), 2st w/ 10% med-grained Qz. Concrete: 0.15-0.50m, ea. Ridge former, c. 41-59. Sandy siltstone: 0.5m. pa yel gy [lithol] (hd), (Srt) 2st w/ c 40% crs S [Qz]. Not exposed: 22m.	

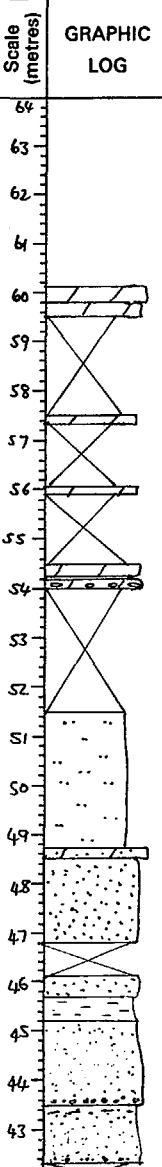
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B Field

sheet c BDF 37 serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DATE OF MEASUREMENT: 25 6 19 88
day month year
DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm	41-55 41-56				64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42			Not exposed. Carbonate: 0.3m. yel gy. hd carbonate. Carbonate: 0.3m. mm. sh. pa. rd. gy. & gy. hd. z. Carbonate. Not exposed: c 2m. Carbonate: 0.2m. yel gy. s. Carbonate. Not exposed: 1.3m. Concretion: 0.15m. Not exposed: 1.4m. Concretion: 0.25m. aa. u'lam' lag. 2cm gy. carbonate. Sandstone: 0.05m. rd. bn. hd. mf-med. Sst. Concretion: 0.2m. bn. gy. hd. s. Carbonate w/ cm. mm. cm. rip-up plates carb. Not exposed: 2.5m. Siltstone: 2.8m. rd. bn. hd. Zst. Concretion: as for 41-58. Sandstone: 1.7m. rd. bn. (soft) (srt) mf-crs Sst. Not exposed: 0.7m. Sandstone: 0.4m. pa. y. gy. (soft) (srt) z. Crs. to Crs Sst [Qz, md]. Mudstone: 0.5m. rd. bn. hd. Mst. ? Grad base. Sandstone: 1.7m. rd. bn. (soft) (srt) z. f-crs Sst; 2cm gran. Gyl. d. base. Sandstone: 1.2m. prep. pa. y. gy. w/ flint, 2 Med Sst w/ one cm. hd. med-crs Sst base. Top 0.05m rd. bn. & muddy. Not exposed: ca 0.5m.	Bdg c 085/08N
		41-58								
		41-59	Od							
		41-60								
		41-61								

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: West of Dead Horse Waterhole

GEOLOGIST(S):

sheet C BDF 39 serial number - horizon - remeasurement? - DATE OF MEASUREMENT: 26 6 1988
day month year
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: - DRILLHOLES: *
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	Photo P8	41-67	Oz	20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			See p 2. Not exposed: 7.2m. prob Met ab. Mudstone & siltstone: 11m. rd bn hd Met; figs. mm-cm sp < 1mm lams ps rd bn Zst. No dropstones. sps gn gy lams. Not exposed.	Bdg 075/24N

PAGE 1 OF 8

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 39

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 26 6 1988
day month year

GRID REFERENCES: (metric) 19 * 19 * 19 *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number						
	Olympic Fm		Oz			42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20			see p 3	
									Mudstone & siltstone: 1.7 m. ab.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 26 6 1988
day month year

GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l. _____

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm		Oz			64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42			See p 5	
									Not exposed: 34.5 m. Prob Mat.	

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY:

GEOLOGIST(S):

**GRID
REFERENCES:
(metric)**

19
map date

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 39

MEASURED SECTION DETAIL SHEET

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

**GRID
REFERENCES:
(metric)**

METHOD OF MEASUREMENT:

C BDF 39

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Graphic LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance				
	Olympic Fm	Photos P12-P18	Oc	ED39B CD39A-	→ (=)dm →	see p 6 <u>Conglomerate</u>: 1.5 m. dm (bold) amalg, Pbl Cgl. Top 20 cm S & w/ imbr Pbls. Soft sed deformation incl ? dikes. <u>Pebble Mudstone</u>: 0.1 m. gn gy Mat w/ mm-sp f Pbls. <u>Pebble Sandstone</u>: 0.2 m. P=4 gy, hd, sp, crs Sst w/ cm-sp imbr Pbls Qz, Carb, Basalt. <u>Conglomerate</u>: 1 m. s Pbl-Cbl Cgl. Ngrd, MSV. MX = f-med S, to gran. mm-cm-sp f-med Pbls, cm-sp crs Pbls, dm-sp crs Pbl-Cbl [rnd CB-CE; quartz & Qtz]. <u>Mudstone & siltstone</u>: 4.9 m. mm-cm bdd dull rd bn, hd Mat; fgs. mm-cm sp 1-2 mm fgs z Mat-Zst. 33-40 m > base has 1-2 mm lams rd bn hd Zst-f Sst forming 40-60% seq. Loc gn gy. Top = 10 m gn gy. No dropstones.			
		Photo P11 41-69	Oz		≡ mm				
		Photo P10			≡ mm				

PAGE 5 OF 8

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: _____

GRID
REFERENCES:
(metric)

19

c 8DF 39
sheet serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"P" number						
	Olympic Fm	41-70 Photo P19	Oc					see p7 Mudstone, sandstone, conglomerate: 12m. pr exp gn gy hd fig Mst & (gritty) f Sst w m-sp dm-m th Plol mass flows.		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19

sheet c BDF39 serial number horizon remeasurement?

BASE OF SECTION TOP OF SECTION

GRID REFERENCES: 19 * * * * *

map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number						
	Olympic Fm	Photo P27	Oc			152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130			Sandy Conglomerate & sandstone: 3m dm bds crs S Pbl & Bldr Cgl w 10% 5-15cm tk lbs gritty Sst. Soft sed defn, Sst lens nr top Pebbly Sandstone: 6m. as for Pblly Sst below. Locally laminated sands, implying traction. Unit caps knob. Pebbly Sandstone: 2.4m. pa gy, (hd), nsrt, m, gritty f-cr Sst w cm-sp f Pbls, dm-sp med-cr Sst Pbls, m-sp Cbls. Soft-sed folded grd crs to med dm Sst bd. %Pbls incr upseq. Top 1m has 1-2cm bds f Sst o'lam by Bldrs (nd) md dmrdm pk Qtzite wh Qtzite, Gneiss. Poss facets & poss pluck marks. Most of unit = fallout from ice?	
		Photos P 20-23								
		Photos P25,26	Oc							

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 day 19 month 19 year

sheet C BDF39 serial number 19 horizon BASE OF SECTION remeasurement? TOP OF SECTION

GRID REFERENCES: (metric) 19 * map date * easting * northing * easting * northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic fm	41-72				174			Not exposed.	
						173			Sandstone: 1m. ab.	
						172			Sandy Conglomerate: 1.5m. Mass flow.	
						171				
						170			Sandstone: 1.5m. pa ygy, hd, srt med-crs Sst; loc planar lam.	
						169			PbIs caught up in base.	
						168			Sandy Conglomerate & Sandstone: 14m. pr exp s Pbl & Bdr Cgl ib	
						167			w/ Ssts [10% seq]. Bldrs incl Granite 50x40cm & 40x40cm	
						166				
						165				
						164				
						163				
						162				
						161				
						160				
						159				
						158				
						157				
						156				
						155			Sandy conglomerate: 0.5m. s Pbl Cgl; mass flow.	
						154			Sandstone: 1.5m. pr exp 3dm bdd gritty Sst; loc rev grd w/ Pbls	
						153			at top. Ssts btr srt than Pbls Ssts below.	
						152			Sandstone: 0.5m. pa rdgy, srt Crs Sst	
									see p 7	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: West of Dead Horse Waterhole

GEOLOGIST(S): B Field

Illogwa Creek

C BDF 40

DATE OF MEASUREMENT:

GRID
REFERENCES:
(metric)

19

map date

easting

northing

easting

northing

METHOD OF
MEASUREMENT:

BASE OF SECTION

TOP OF SECTION

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
	Olympic Fm	Photo Q17 41-82	Oz		17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			see p2	
		Photo Q19 41-83	Oc					Pebbly Sandstone & sandy Conglomerate: 3m. dm bdd non 2-rev grd, wh, hd, loc Srt med Sst [Qz, s%pk feld] w Pbls, & s Pbl Cgl. loading & other soft sed defn.	
		Photo Q20						Sandy Conglomerate: 5m. m-bdd revgrd & ngrd s Pbl/Cgl; max 50-70-40 mm grains. & Bldr	
		Photo Q18	Oz					Mudstone: 50+ m. Rd bn Mst, bc cl gn, passing down seq to gn gy Mst w mm gn gy z Mst bds - as for loc 39. No dropstones.	

PAGE 1 OF 1

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

Ilogwa Creek sheet c BDF 40 - remeasurement? 19

GRID REFERENCES: 19 * BASE OF SECTION * TOP OF SECTION * day month year

METHOD OF MEASUREMENT: map date easting northing easting northing

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Olympic Fm	Photo Q16	O _{2/c} O _c O ₂			29 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17		See p 3	Pebbly Mudstone: 5 m. as above. Conglomerate: 0.3 m. rev. gr. grit - med Pbl Cgl. Pebbly Sandstone: 1.3 m. dm - m bld, gn. gy. hd. gritty med Sst w/ cm-sp Pbls. Mudstone: 21 m. m-bld gritty, Pbl Mst w/ m-sp dm Pbl Sst bds. Almost no Clols.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY:

GEOLOGIST(S):

Illogwa Creek

c BDF 40

DATE OF MEASUREMENT:

GRID
REFERENCES:
(metric)

19

*

map date

easting

northing

*

BASE OF SECTION

easting

TOP OF SECTION

northing

*

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	# number						
	Olympic Fm	41-80	Os DHW	CD40C		83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61		= cm-dm	Sandstone: 20 m. cm-dm bdd, lam, wh, (hd), <u>st</u> med (+ crs) Sst (Qz; ca 1% dk ?Glc). Low angle scours.	
								= cm-dm		
								= cm-dm	Sandstone: c 2-4 m. dm-m (bdd) pa rd gy, hd, <u>st</u> med [MSL] Sst [Qz, 25% pk feld]. crs + crs 2mm-cm bdd wr base. Channel fill. No olar HCS.	

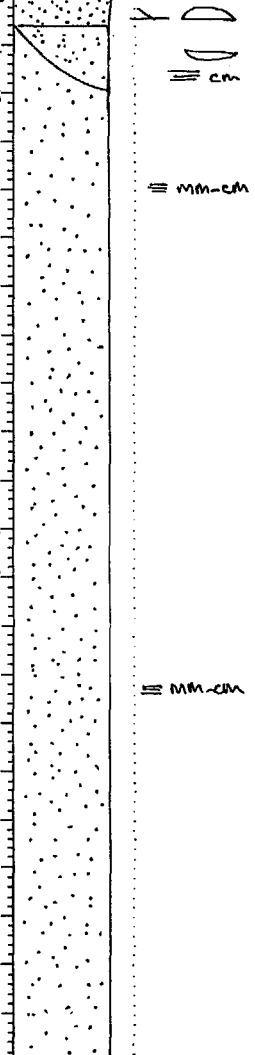
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Illogwa Creek c 40 40 - 19
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
day month year
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	41-78 photos Q10, Q11.	OsDHW				<u>Sep 6</u> <u>Sandstone</u> : 1.5 m. 1-10 cm bdd wh-pa pk, (hd), srt lams med & crs Sst [Q2, c1% bdk ?Glc]. <u>Sandstone</u> : 20 m. mm-cm bdd, wh, (hd), srt crs-crs & med Sst. Traces 1cm A fsts. Shelt sands.	86g 085/38N		

PAGE 5 OF 7

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

Illogwa Creek
sheet

c BDF 40
serial number

-
horizon

remeasurement?

DATE OF MEASUREMENT:

GRID
REFERENCES:
(metric)

19

BASE OF SECTION

TOP OF SECTION

day month year

METHOD OF
MEASUREMENT:

DRILLHOLES:
Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
	Olympic Fm	41-76 Photo Q5			127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105		Sandstone: 22m. 1-10 cm - 1-2 dm btd, or gy [wtwd], wh [fresh] (soft), srt f [fs L-fs U] sst [Qz]. Crsns dn seq to med - still srt. Sheet sands. No obvious cycles. ≡ cm-dm ≡ cm-dm ≡ mm-cm Sandstone: 2m. mm-cm btd, wh. (soft), srt crs sst [Qz, c 7% pk feld]. Sandstone: 2-4m. Dune or bar: mm-1-2cm btd [1-2cm A tr fsh dipping down dip of 2m A fsts] wh. (hd), srt med-crs sst [Qz, 0-1% pk feld].	Bdg 095/30N Bdg 085/42N	
		41-77 Photo Q9							
		41-79							

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

Iligawa Creek c BDF 40 - DATE OF MEASUREMENT:
sheet serial number horizon remeasurement? 19
GRID BASE OF SECTION TOP OF SECTION day month year
REFERENCES: 19 * * * DRILLHOLES:
(metric) map date easting northing easting northing Has thickness been corrected
METHOD OF for dip? YES, NO
MEASUREMENT: Elevation of drillhole collar metres a.s.l.

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

P.T.F. 110

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: South of the road at the pass between Dead Horse Waterhole and Pulya Pulya.

GEOLOGIST(S): B. Field

Illogwa Creek
sheet

c BDF 41
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:

19
day month year

GRID
REFERENCES:
(metric)

19
map date

*
easting

*
northing

*
easting

*
northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst	41-86	Glsg			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0				
		41-87	Glsg							

PAGE 1 OF 2

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Illogwa Creek C BDF 41 - DATE OF MEASUREMENT: 19
sheet serial number horizon remeasurement? day month year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	if number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
	Gaylad Sst	41-84	GU _s			42			Not exposed		
		Photo Q30				41			Sandstone: 8m. dm bdd, pa gy, hd, srt, ?med-cr _s Sst [Qz]. ?Lam. Qz-cemented.	Bdg 150/36W	
						40					
						39					
						38		= dm			
						37					
						36					
						35					
						34					
						33			Not exposed: 0.1m. Enospru contact; no pebbles seen.		
						32			Sandstone: 14m. cm-dm bdd, pa gy [withrs yel-or], hd, srt, med-cr _s Sst [Qz; 40-50% pk clays ⇒ feld].	Bdg 160/28W	
						31			Cr _s < 5m < top. Stacked cm-A tab [srt] fsts; some dm A scours.		
		41-85	GL _{sg}			30					
						29					
						28					
						27					
						26					
						25					
						24					
						23					
						22					
						21					
						20					

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: 2.4 km NE from new bore yards that lie 8.8 km
N of Puliya Puliya dam. 200 m S of road at bend in road.

GEOLOGIST(S): B Fold

Alice Springs sheet C 6DF 42 -
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
REFERENCES: 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT:
DATE OF MEASUREMENT: 28 6 1988
day month year
DRILLHOLES:
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number					
	Gaylad Ssk	Q36 Photos R1	GUsg GUc		4 3 2 1 0			Not exposed: ridge crest Sandstone: 4m. 7cm-dm bdd, wh, lsd [Qz cemented], srt crs + crs Sst [Qz, 25% crs - crs Feld]. Grit in basal 1-2m. Esp parallel (dm). Fbils + cbls (rmd), of carbonate at/near base. Carbonate in 1-4 m units, at c 30±10m sp: lbs med sev-m-sp dm bds pl & fst bdd med Sst w/ carb rip-ups	Dip ca 8° WNW Bdg ca 125/155W

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ringwood Rd

GEOLOGIST(S): B Field

Fergusson Pa
sheet

C BDF 43 a
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

28 6 1988
day month year

GRID
REFERENCES:
(metric)

19 78 *

map date

778

easting

708 *

northing

BASE OF SECTION

TOP OF SECTION

easting

northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
		41-93	Oz			20		≡ cm	Sandstone: 0.3 m. ab but nonconcr.		
						19		≡ mm	Mudstone & siltstone: 1 m. preexp. ab.		
						18		≡ cm	Sandstone: 0.2 m. cm bdd. lam, bn, hd [concr, ? dol] f Sst.		
						17		≡ mm	Mudstone & siltstone: 1.5 m. pa rd (hd) Mst lam w/ mm bds rd st- f Sst.		
						16		≡ cm	Sandstone: 0.2 m. ab.		
						15		≡ cm	Not exposed: 1 m		
						14		≡ cm	Sandstone: 0.2 m. ab but non-concr.		
						13			Not exposed: 3.5 m		
						12		≡ cm	Sandstone: 0.3 m. cm bdd, lam, bn, hd [concr, ? dol] f Sst		
						11			Not exposed: 11.5 m		
						10					
						9					
						8					
						7					
						6					
						5					
						4					
						3					
						2					
						1					
						0					
									Carbonate: 10' m.		

Olympic Fm

[Mapped as Loves Ck, but see Loc 43b: ib w/ Cgl mass flows]

Bitter Springs Fm.

dp. 60°

Bdg 130/80NE

PAGE 1 OF 9

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY:

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

19

map date

C BDF 43 a
sheet serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

day month year

19

DRILLHOLES:
Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Olympic Fm								Not exposed: 6.5 m.	
									Sandstone: 0.4 m. Mudstone: 0.3 m. ab. Sandstone: 0.2 m. lam Not exposed: 3 m.	
									Sandstone: 0.3 m. lam. Mudstone & Sandstone: 2 m. Mst ab w 15% mm beds zst-f Sst.	
									Sandstone: 0.3 m. 0.2 m msv 0.08 m lam/fis 0.02 m rpk. Mudstone: 1.5 m. ab.	
									Sandstone: 0.1 m ab. Mudstone: 0.5 m. ab. Sandstone: 0.2 m. ab. Mudstone: 0.2 m. ab. Sandstone: 0.2 m. nonconcr. ab. lam. Mudstone: 1 m. ab.	
									Sandstone: 0.2 m. nonconcr. ab. Ptg liri. Mudstone-Siltstone: 0.5 m. ab. Not exposed: 5.2 m.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
* * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number					
	Olympic Fm	41-94	Os		64	X		see p. 4	
					63	X		Sandstone: 1m. rd bn, srt med Sst; loc gritty & w/ f Pbls as lags. Lam.	
					62	X		Not exposed: 2m.	
					61	X			
					60	X		Sandstone: 2m. ab.	
					59	X			
					58	X		Not exposed: 1.3m.	
					57	X		Sandstone: 4m. pagy, (hd), srt f-med Sst [Qz, ?glc].	Dip = 40°
					56	X			
					55	X			
					54	X			
					53	X		Not exposed: 6.5m.	
					52	X			
					51	X			
					50	X			
					49	X			
					48	X			
					47	X			
					46	X		Pebbly Grit: 2.5m. s Grit w/ mx-supt f Pbls [Qz, fSst, carb].	Dip = 40°
					45	X			
					44	X		Not exposed: 1.5m.	
					43	X			
					42	X		Sandstone: 0.3m. nonconformity see p 2.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

sheet C 13DF43a serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION TOP OF SECTION
19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DATE OF MEASUREMENT: 19 _____ day month year
DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Olympic Fm		Os			86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64			see p 5. Sandstone: 0.5m. rd bn [with rd], (hd), srt med Sst [Feld, Qz]. Lam. Not exposed: 2m. Sandstone: 0.3m aa Not exposed: 4m. Pebbly Sandstone: 4m. pr exp dm bdd Sst aa, w/ unsrt Pbls & Cbks [C, B, CE]. Not exposed: 9m.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

GRID REFERENCES: (metric) 19 * 19 * 19 *
map date easting northing easting northing

C BDF 43a -
sheet serial number horizon remeasurement?

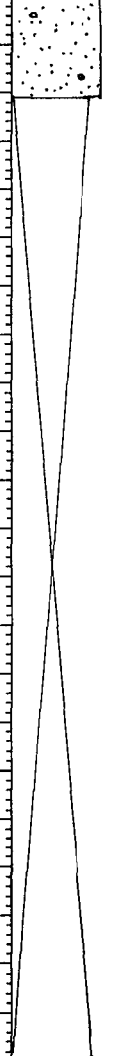
BASE OF SECTION TOP OF SECTION

METHOD OF MEASUREMENT: _____

DATE OF MEASUREMENT: 19
day month year

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Gaylad Sst		GLg			108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86		<u>London</u>	see p 6. Not exposed: 22.7m	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

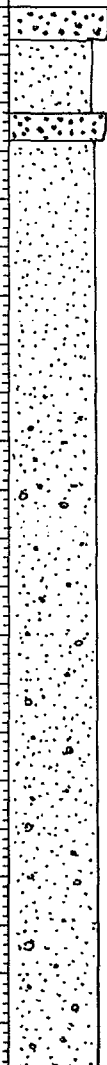
DATE OF MEASUREMENT: 19 day 19 month 19 year

GRID REFERENCES: (metric) 19 * 19 * 19 *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Gaylad Sst	41-92	GLg	CD 43H		130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108		mm-cm  mm-cm  cm-dm  cm-dm	Grit: 1 m. aa/ab. Sandstone: 1.5 m. ab; gen low angle scours. Grit: 0.6 m. mm-cm bdd, yel gy Grit. Sandstone: 21.3 m. (basal 13.3 prexp). Pa yel gy [with rd], (hd), med-crs Sst; gritty & crsr towards base, & w dm-m sp. (E), med crs Pbls med Sst [unit itself] - mostly withrd out. 41-92 of Pbls. dm + cm A fsts - ? all trough.	

PAGE 6 OF 9

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19 19
day month year

GRID REFERENCES: (metric) 19 * 19 * 19 *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
		41-90 -			152		= cm	see p 8	
					151		< cm		
					150		< cm		
					149		= cm		
		Photos R7, 8, 9.		CD43F (cld)	148		= cm		
					147		= cm		
					146		< cm		
					145		< cm		
			GLg		144		< cm		
					143		= cm		
					142		= cm		
					141		= cm		
					140		= cm		
		41-91 -			139		< 1-3 cm	Sandstone: 0.5m. pa. yel gy [w/lluv. rd], (cld), med-crs Sst [Qz, 40% feld].	
					138		= mm-cm	Grit: 1m. aa	
					137		= mm-cm	Sandstone: 4m. aa, but fets bigger ampl [-> 20cm].	
					136		= mm-cm	Grit: 0.7m aa. Traces fets.	
		Photo R12			135		= mm-cm	Sandstone: 3m. aa, but cm A talo fets.	
					134		= mm-cm		
					133		= mm-cm		
					132		= mm-cm		
					131		= mm-cm		
					130		= mm-cm	see p 6.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

GRID REFERENCES: (metric) 19 * * * *
sheet serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION
map date easting northing easting northing
DATE OF MEASUREMENT: 19 day month year
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number						
		Photos R2, R3, R4	GLs			174		≡ cm-dm	Sandstone: 2m ab. mm A rpls pos orig had mud drapes.	
						173		≡ mm		
						172		≡ cm?	Grit: 2m. cm bdd, wh, hd [Qzcm], s Grit. ? cm A fsts/wavy bds.	
			GLsg			171		≡ cm		
						170			Sandstone: 15 m. cm-dm bdd, wh, hd, sst med Sst.	
						169			cm-12 dm bds w low angle scours ib w dm pkts of mm A rpls.	
						168		≡ cm-dm		
						167		≡ mm		
		Photo R6				166		≡ cm-dm		
		41-89				165				
						164				
			GLs			163		≡ mm		
						162				
						161		≡ cm-dm		
						160				
						159		≡ cm-dm		
						158				
						157		≡ mm		
						156				
						155		≡ 1-5 cm	Grit: 0.3m. 1-5 cm bdd.	
						154		≡ cm-dm	Sandstone: 1m. cm-dm bdd, med Sst. cm-dm A tr fsts @ low angles	
						153		≡	Grit: 14.5m. cm bdd, pa yel gy, s Grit w f-med Plbs [esp Qz, w sps gy & yelgy carb]. Planar bdd to low angle scours - not mass flows. cm A fsts, incl tab.	
			GLg			152		≡ cm		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

**GRID
REFERENCES:
(metric)**

METHOD OF MEASUREMENT:

DATE OF MEASUREMENT:

sheet

C BDF 432

horizon

remeasurement?

19

BASE OF

TOP OF SECTION

day month

ye

19

*

DRILLHOLES

map date

easting

northing

easting

nothing

thickness been corrected
dip? YES , NO

Elevation of drillhole collar

metres a.s.l.

[illegible]

START, PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19

sheet c BDF43b

serial number horizon remeasurement?

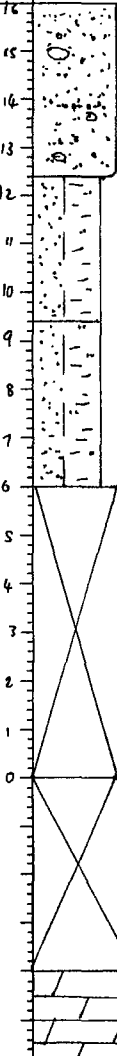
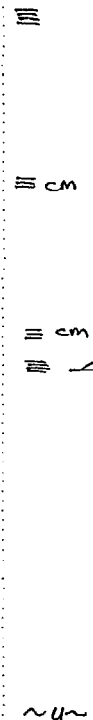
BASE OF SECTION TOP OF SECTION

19 * * * DRILLHOLES: Has thickness been corrected for dip? YES, NO

map date easting northing easting northing

Elevation of drillhole collar metres a.s.l.

METHOD OF MEASUREMENT: _____

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"r" number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	41-96 Photo R28	Os Oz	CD43 K	16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			see p 2 Sandstone & Mudstone: 3m. pr exp.? ab. Sandstone & Mudstone: 3.42 m. cm (-dm) ibdd rd bn, hd, f Sst [lam & w sharp bases & tops; 1 cm A rpld tops] & pa rd gy z Mst. Not exposed: 6 m. Prob aa. ← stream. Not exposed: 4 m. Prob Bitter Springs Carbonate.	Bdg 120/34N
	Bitter Springs Fm.								

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: _____

GRID REFERENCES: (metric) 19 * 19 * 19 *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

remeasurement? _____

serial number _____ horizon _____

DRILLHOLES: _____

Has thickness been corrected for dip? YES , NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Olympic Fm		Os			38			See p 3	
						37				
						36				
						35				
						34				
						33				
						32			Sandstone: c 20m. Lam med Sst, gritty, loc Pgly.	
						31				
						30				
						29				
						28				
			Os			27				
						26				
						25				
						24				
						23				
						22				
						21				
						20				
						19				
						18				
						17				
						16				

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

Alfred Sothmann
sheet

c BDF 43b
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19

**GRID
REFERENCES:
(metric)**

19

easting

nothing

easting

nothing

day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance					
	Olympic Fm	Photo R3 - R34	Osc	CD436M				<u>Sandy conglomerate & sandstone</u>: c 24 m. cm-2 dm bld, unsrt s, gritty Pbl Cgl. Mx-rich to mx-supt, prob reworked by tractn. Pbls Sst md-rnd; carb md-(rnd). Some imbr, esp B carb Pbls. Seq 60% s Cgl, 40% cm-dm bds med Sst & cm-dm sp. Ssts lce Pbls.		
			Os						<u>Sandstone</u>: c 7m. ab. pr exp.	

PAGE 3 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

PDF 12

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

DATE OF MEASUREMENT: 19 19 19
sheet c BDF 435 serial number — horizon — remeasurement? —
GRID REFERENCES: (metric) 19 * — * — *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar — metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
						140			Not exposed.	
						139			Sandstone: c 8 m. mm bdd, wh, hd [Qz], Sst.	
						138				
						137				
						136				
						135				
						134				
						133				
						132			Grit: 1 m.	
						131			Sandstone: 1 m. mm bdd, wh, hd [Qz] Sst.	
						130			Sandstone & Grit: 60 m.	
						70				
						69				
						68				
						67				
						66				
						65				
						64				
						63				
						62			Seap 3.	
						61				
						60				

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm = 1 m (1:100) 1 cm = 10 m (1:1000)
1 cm = 50 m (1:5000)

LOCALITY: 1.4 km west of Gaylad Dam Rd ; 200 m S of Ringwood Rd

GEOLOGIST(S): B Field

Ferguson Ra sheet c BDF 44 serial number horizon remeasurement? DATE OF MEASUREMENT: 29 6 1988
 day month year
 GRID BASE OF SECTION TOP OF SECTION
 REFERENCES: (metric) 1978 * 785 710 * *
 map date easting northing easting northing
 METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
 Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number						
	Cyclops Mbr	41-100							Sandstone: mm bold/lam, fis, f Set.	
	Fm								Not exposed: 116m.	
	? Perforatata									
	Gaylad								Sandstone: approx level of top loc 43 : dip slope.	Bdg 105/48N

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: North bank of Todd River, S of Ringwood Rd.

GEOLOGIST(S): B Field

Alice Springs

C BDF 45

DATE OF MEASUREMENT:

29 6 1988
day month year

GRID
REFERENCES:
(metric)

19

*

BASE OF SECTION

TOP OF SECTION

*

map date easting northing easting northing

*

DRILLHOLES:
Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number						
	Olympic Fm	Photo S4	Oz				see p2	<u>Mudstone & Sandstone: 8.1m. 95% Mat; 5% Sst in 1-5 cm beds (ab).</u> <u>Mudstone: 1.6m. ab.</u> <u>Sandstone & Mudstone: 0.49m. ab.</u> <u>Mudstone: 2.1m. pr exp.</u> <u>Sandstone: 1.65m. ab; 4 cm Mat nr top. All Sst's // lam, sharp tops + bases.</u> <u>Mudstone: 1m. ab</u> <u>Sandstone: 0.65m. Rd bn [wtld; loc dk], hd, & f Sst; lam.</u> <u>Mudstone: 0.8m. rd gy, hd Mat.</u>	Bdg: 09023N	

PAGE 1 OF 4

PAGE 1 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

BDF 45

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

Alice Springs
sheet

C BDF 45
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19

**GRID
REFERENCES:
(metric)**

19

BASE OF SECTION

TOP OF SECTION

day month

year

* DRILLHOLES:
- Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

LOCALITY:

GEOLOGIST(S):

[illegible]

PAGE 3 OF 4

START	PLOTTING	AND	NUMBERING	SAMPLES	AT	THE	BOTTOM	OF	THE	SHEET	EXACT	LOCATION	OF	THIS	MEASURED	SECTION	TO	BE	SHOWN	ON	MAP	ON	BACK	OF	THIS	SHEET
-------	----------	-----	-----------	---------	----	-----	--------	----	-----	-------	-------	----------	----	------	----------	---------	----	----	-------	----	-----	----	------	----	------	-------

RNF 115

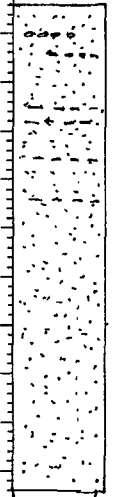
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Alice Springs sheet C BDF 45 -
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION day month year
19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DATE OF MEASUREMENT: 19
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	# number						
	Gaylad Sst	41-104 Photos 513-16.	GL?	CD 45A		85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64		$\equiv$ mm $\angle$ dm $\equiv$ cm dm $\equiv$ mm $\angle$ dm	Not exposed: top of section Sandstone: 10m. mm & cm-dm bdd med-crs Sst w dm A fsts, Mst flake rip-ups & loc mm-5cm bds w Mst lam w f Sst. Sheets of granule lags on top. Deltaic? Not exposed: 9.7m.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: 2km off Ross River Road, 13 km past Ringwood Rd.
At mouth of valley, where ridge of Bitter Springs ends. On
NE side of river. Kmb.

GEOLOGIST(S): Brad Field

Alice Springs
sheet

C BDF 47
serial number

horiz

remeasurement?

DATE OF MEASUREMENT:

6 7 1988
day month year

GRID
REFERENCES:
(metric)

19

✱

BASE OF SECTION

TOP OF SECTION

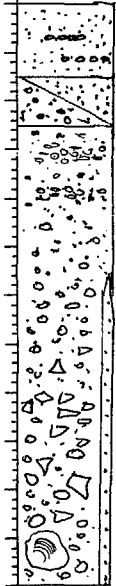
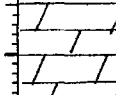
*

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Graphic LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N
		Petrological data	Paleontological data	'f' number	Disturbance				
	Olympic Fm	43-9 Photo T3-T6 43-8 43-7	Os? Oc	CD47A CD47B	12 11 10 9 8 7 6 5 4 3 2 1 0		< cm = dm = dm = dm = dm (5") = dm	Not exposed Sandstone: 2 m. rd br, hd, med Sst w f-med Plol stringers & cm A fsts. ab, aa, 'lb over 1m. Sandy Conglomerate / Breccia: 10m. dm bdd, wh, hd, (ert), f-med Plol - Cbl ang-rnd [gen (ang)] Cgl; fines up-seq to esp f-med Plol grit + Sst; Plols loc clast-supt; bds also thin upseq. to 3-5-dm. Lower pt gen mx-supt. Pr mibr. Loc = breccia. Clasts esp qz + quartzite, also carbonate. C-B-(E) but esp CB-CE & C. Lower fm lb w 10% dm bds wh srt Sst (Qz). Bldrs 3x4x3 dm carbonate [?stromed lams] nr base. Whole sec, esp (lwr pt, sheaved: planes = 015/80 S.	Bdg 075/80 S
	?							Not exposed: a few m.	
	← Bitter Springs Fm							Carbonate.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: North side of Ross River Road, 31 km along road
from Ringwood Rd

GEOLOGIST(S): B Field

Alice Springs
sheet

C BDF 48
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:
6 7 1988

**GRID
REFERENCES:
(metric)**

19

— *

BASE OF SECTION

TOP OF SECTION

day month

* DRILLHOLES:
- Has thickness been corrected
for dip? YES , NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm	Photo T7 42-10	Oc				See p 2 = dm — = dm = dm ~ 4 m?	<u>Sandy Conglomerate</u>: 6 m. prep ab but S & finer: 2-3 dm bdd, av max 3x5 cm. Clast suprt but mx-rich: rd br hd med Sst. Loc w/ Plst Sst lenses. <u>Conglomerate</u>: 6 m. dm - ? m (bdd), wh, hd [lots 2° SiO₂ remobilisation/recon → 2 mm tk coatings on Cbbs], (Srt), Cgl. cm-sp med-crs Plbs, dm-m-sp Cbbs, mm-sp gran-f Plbs. Mx crs - crs S. Clasts esp (ang) - rd, C, CB, B; of esp Q zite + Carb [no gneiss or granite seen]. Clast suprt but (Srt). Av max: 15x10 cm nr base → 5x10 cm nr top; bddg also thins slightly [to 2-4 dm] nr top. <u>Not exposed</u>: c 1 m.	Bdg: 055/28 SE	
	? Bitter Springs Fm									

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

PDF 1.0

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

Alice Springs
sheet

C BDF 48
serial number

-
horizon

remeasurement?
BASE OF SECTION TOP OF SECTION

DATE OF MEASUREMENT:
6 7 19 88
day month year

GRID
REFERENCES:
(metric)

19

map date

easting

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easting

northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	" number					
	Olympic Fm	Photo T8	Oc	CD48A, B	36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15			Not exposed. Conglomerate: c 8 m. vprexp ab. Conglomerate: Gm. wh. hd [Qz com-remobilized], clast- suprt. (srt) Cgl. An max 5x5 cm; cm-sp crs-crs Plol; mm-sp gran-f Plol; mx crs-crs S [Qz]. Pr mbr; most CB. Poss some clasts carb repl by SiO2? Conglomerate: Gm. vprexp, aa.	Bdg: 055/30SE

MEASURED SECTION' DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Ross River rubbish dump

GEOLOGIST(S): B D Field

NZMS 260 sheet serial number horizon remeasurement? DATE OF MEASUREMENT: 20 6 19 88
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 * * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number					
	Olympic Fm	Photos L23, L24, L25	Oc	CD49A	10 9 8 7 6 5 4 3 2 1 0			Pebbly sandstone: 1m. 0.2m med-crst Sst [gritly & f Pbls] w 20 cm A tr fsts, o'lawn by 0.8m ?laxer cm-dmbdd [len]. loc grd, s Pbl Cgl to Sandy conglomerate: ca 8m. nbdd-pr bdd, mx-rich clast-supt to mx-supt Pbl Cgl. loc mv grd, loc ngrd. Gen f Pbl, to 15cm Cbl, Max c 30cm Cbl; one 1x0.5m Cbl rust Carbonate near top of unit. Clasts ca 30% Qz [md], 60% carb [rnd-rnd], 10% other [eg rnd granite + gneiss + Quartz]. Mainly c + CB. No obv fabric. No faceted clasts seen.	Bdy c 100/38 S
	Butler Springs Fm	Photos M2, M3, M4, M5		CD49B	10 9 8 7 6 5 4 3 2 1 0			irregular erosion surface - several m relief. Carbonate: 1-1.5m. ps long gy, hd carb about w/out chert lenses. Mx-supt Pbls from o'lying Cgl nr top. Irreg top surface. Carb rept by S.O. Carbonate: 0.4m ps long gy, hd carb w cm-dm lenses rd w chert & bdy. Mudstone: 0.3m. rd gy. hd (?siliceous) Mat.	Bdy c 090/40 S
		41-15 42-11						Redbeds, pr exp, c 23m tk.	Bdy c 110/65 S
		41-14							

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

NZMS 260 sheet

c BDF 49

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

20 6 1988
day month year

GRID

BASE OF SECTION

TOP OF SECTION

REFERENCES:
(metric)

19

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DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	if number						
	Olympic Fm	Photo L30	Oc						Sandy conglomerate: 24.5m, as for 8m unit below, but ? finer mode [cys Plol] in top 7m [max size similar to below though]. ? Faceted clast Quartzite 14.5m above base.	
		Photos L28, L29.								

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

NZMS 260 sheet C BDF 49 serial number _____ horizon _____ remeasurement? _____
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 * * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DATE OF MEASUREMENT: 19 day month year
* DRILLHOLES: Has thickness been corrected for dip? YES , NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm		Oc			33			see P4	
						34			Sandy Conglomerate: 2.1 m. m (bdd), clast-supt. low mx-supt. Clasts mainly carbonate.	
						35			Not exposed: 3 m	
						36				
						37				
						38				
						39				
						40			Sandy conglomerate: 2.5 m. clast-supt Cbl Cgl [+ 0.4 x 0.3 m, ang] ? Plug - finer along strike.	
						41				
						42			Sandy Conglomerate: 4.7 m pr exp, ab?	
						43				
						44				
						45				
						46				
						47				
						48				
						49				
						50				
						51				
						52				
						53				
						54				
						55				
						56				
						57				
						58				
						59				
						60				
						61			Sandy conglomerate: 0.8 m. clast-supt, s, F Pl Cgl. Composition ab. Discontinuous	
						62			Sandy conglomerate: 3 m: ab.	
						63				
						64				
						65				
						66				
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						95				
						96				
						97				
						98				
						99				
						100				

MEASURED SECTION' DETAIL SHEET

REGION: _____ SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

REGION:

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S):

NZMS 260 sheet

c BDF 49

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19

day month year

GRID

BASE OF SECTION

TOP OF SECTION

REFERENCES:
(metric)

19

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DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF MEASUREMENT:

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data
		Petrological data	Paleontological data	'f' number	Disturbance					
						77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55			Not exposed: 15.2m.	
		Photos L31, L32, L33, L34	Oc						Sandy Conglomerate: 8.5m pr exp.	

MEASURED SECTION' DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

NZMS 260 sheet

c BD 49

serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

19
day month year

GRID

BASE OF SECTION

TOP OF SECTION

REFERENCES:
(metric)

19

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DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"P" number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
						266			Not exposed.	
						265			Sandstone: 18.6 m. mm bdd.	
						264				
						263				
						262				
						261				
						260				
						250				
						249				
						248				
						247			Not exposed: 16.7 m.	
						80				
						79				
						78			Sandstone & Mudstone: 0.6 m. exp rd sst lb w rd Mst, w f Plt-grit lags.	
						77			see p4.	

PAGE 5 OF 5

START PLOTTING AND NUMBRING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

PNF 7.0

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: ~~1 cm : 1 m (1 : 100)~~ 1 cm : 10 m (1 : 1000)
~~1 cm : 50 m (1 : 5000)~~

LOCALITY: Low ridge SW of Olympic Bore

GEOLOGIST(S): B. Field

Alice Spruiell

C BDF 50

1550

remeasurement?

DATE OF MEASUREMENT:

8 7 1988
day month year

**GRID
REFERENCES:
(metric)**

19

BASE

SECTION

TOP OF SECTION

day

my **mo**

month

year

* DRILLHOLES:
- Has thickness been corrected
for dip? YES , NO

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

START BLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Alice Springs sheet c 8DF 50 serial number - horizon - remeasurement? - DATE OF MEASUREMENT: 8 7 1988
day month year

GRID REFERENCES: (metric) 19 * - * - * -
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	"f" number						
	Walden Pedlar (= Cyclops)					420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250			See p 3	
	Pertatataka Fm	42-20				240 230 220 210 200			Sandstone: c 50 m. pr amp. cm bdd, ol-gn gy, hd [pk dol cement], f Sst [Mica]. Ptg lins. Not exposed: 13.5 m. [Sst talus]. Mudstone: 8.5 m. yel gn gy - gn gy, hd, ncalc Mat. Spgs traces rd Mat. 5 cm gn gy hd f Sst 1 m S top. Not exposed: ca 54 m. ? Traces gn gy Mat.	Bdg: 075/25S

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): _____

Alice Springs C BDF 50 - DATE OF MEASUREMENT: 8 7 1988
sheet serial number horizon remeasurement? day month year
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	"f" number						
						500 490 480 470 460 450 440 430 420				
		Photos T22, T23, 42-18 T24							Not exposed / sequence folded. Sandstone : ca 150 m. cm bdd [1-5 cm, → 20 cm], gngy - bn gyl, hd f Sst [mic; 3-5% ? Glc]; ncalc. Pty knochois; sps rpls. Sharp bases & tops; ngrd; msu - // lam. A few corrus & bad casts. Poss HCS. Sps climbing rpls, sps flutes	Bdg varies " 020/30N2

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) ~~1 cm : 10 m (1:1000)~~
~~1 cm : 50 m (1:5000)~~

LOCALITY: 16 km south of South Bore, 200m east of track

GEOLOGIST(S): B Field

GRID
REFERENCES:
(metric)

sheet

C BDF 51
serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

19

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easting

nothing

easting

northing

METHOD OF MEASUREMENT:

DATE OF MEASUREMENT:

8 7 1988
day month year

DRILL HOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

PDF 2

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000) 1 cm : 50 m (1:5000)

LOCALITY:

GEOLOGIST(S): B Field

Rodonga

sheet

c BDF 52

serial number

—

horizon

—

remeasurement?

DATE OF MEASUREMENT:

8 7 1988

day month year

GRID REFERENCES:

19 * * *

(metric) map date easting northing easting northing

METHOD OF MEASUREMENT:

Elevation of drillhole collar metres a.s.l.

DRILLHOLES:

Has thickness been corrected for dip? YES, NO

Samples taken and results

Petrological data

Paleontological data

'f' number

Disturbance

Scale (metres)

GRAPHIC LOG

Additional graphic

Description

Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition

Structural data

Stage

Formation

42-25

Oz

CD52 A

20

19

18

17

16

15

14

13

12

11

10

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8

7

6

5

4

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≡ mm

0.5-2 mm

≡

See p 2

Not exposed

Bdg dip = 4° N

Olympic Fm

PAGE 1 OF 2

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY:

GEOLOGIST(S): B Field

Rodungia

sheet

C BDF 52
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

8 7 19 88
day month year

GRID
REFERENCES:
(metric)

19

BASE OF SECTION

TOP OF SECTION

map date

easting

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easting

northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
		Photos T29, T30 42-23 42-24	O2						Not exposed: top of mesa. Mudstone & Siltstone - Sandstone: 28 m. Top 1/2 gn gy, hcl, fis Mst ?varved w Zst [10%, as discontin lambs]. Sav-m-sp cm bds f Sst. Pink carbonate veining. Weak ptg lineatns. No dropstones. Lwr 1/2: mm bdd, gn gy, hcl fis Zst - f Sst. 0.5-2mm A rpls [sprs] & ptg lins.	

PAGE 2 OF 2

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 52

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B. Field

Rodriga sheet C 80F 53 serial number - horizon - remeasurement? -

DATE OF MEASUREMENT: 8 day 7 month 1988 year

GRID REFERENCES: (metric) 19 * - * - *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

BASE OF SECTION TOP OF SECTION

DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Waldo Redlar Fm	Photo T34			20			see p.2	
					19		≡ 1-3 mm		
					18				
					17		mic		
					16				
					15		≡ 1-3 mm		
					14				
					13		mic		
					12				
					11				
					10		≡ 1-3 mm		
					9		mic		
					8				
					7		≡ 1-2 mm		
					6		≡ dm		
					5		≡ cm		
		Photos U9-14 42-29		CD53J, I	5			Grit & Sandstone: 0.3m. ps gr. Plects, c. 1% - ? glc.	
				CD53E	4			Grit: 0.7m.	
		Photos U1-8 42-30	Oc	CD53F	4			Sandy conglomerate: 0.4m. rev. grad. cl suprt f Pbl-Cbl; av max 10x20x5.10. All pggy + bn carb.	
								Sandy conglomerate: 0.9m. ngrd. cl suprt, av max 25x20x20cm; all carb.	
		Photo T32 42-26	Od		3			Carbonate: 0.7-1.3m. bn + yel gy, hd. ? ib w Cgls. loc pk bn. Loc w dk gy + blk cherts.	
				CD53G	3			Sandy Conglomerate: 0.5m. cl to mx suprt, ngrd. f Pbl-Cbl Cgl; av max 10x5x5cm, all carb. CB-8, rnd - tang.	
				CD53H	2			Sandy Conglomerate: 0.6m. mx-rich cl suprt to mx suprt; av max 20x10x15cm. 95% carb, 5% quartz.	
					1			Sandy Conglomerate: 0.4m. ? mx suprt; av max 3x5x3cm. ? all carb.	
					0			Sandy Conglomerate: 0.5m. abo.	
								Not exposed: 0.3m	
								Sandy Conglomerate: 0.4m. mx suprt to loc cl suprt; av max 10x10cm. ? all carb; CB-8	
								Not exposed.	
	Olympic Fm		Oc						

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Rodinga sheet c BDF 53
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
DATE OF MEASUREMENT: 8 7 1988
day month year
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Walden Pedlar (= Cyclops)					42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20		see p 4 Not exposed: 9.5m. Sandstone: 23m. 1-3mm bdd, md gy, hd, srt f sst [Qz, mic]. Poss mm A rpl. M-sp 1-3 cm bds f sst.		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

Rodinga sheet C 8DF 53 serial number - horizon - remeasurement? -

DATE OF MEASUREMENT: 8 day 7 month 1988 year

GRID REFERENCES: (metric) 19 * - * - *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
						64			See p 4	
						63		≡ 1-10 mm		
						62		≡		
						61		(←) mm		
						60				
						59				
						58				
						57				
						56				
						55		≡ 1-10 mm		
						54		≡		
						53		(←) mm		
						52				
						51				
						50		≡ 1-10 mm		
						49				
						48		(←) mm		
						47		≡		
						46				
						45				
						44		≡ 1-10 mm		
						43				
						42				

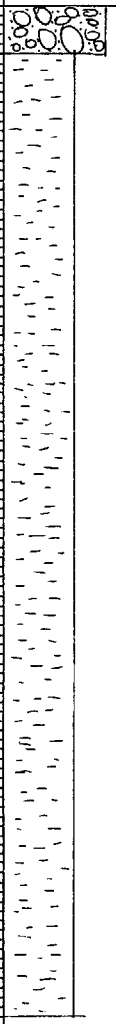
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: 4-5 km west of Larnier Core, Composite.

GEOLOGIST(S): _____

Rodinga sheet C BDF 54-56 -
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DATE OF MEASUREMENT: 9 7 1988
day month year
DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Olympic Fm		O _c			21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			See p 2 Mudstone: c 20+ m. gn gy hd Mst. prep.	
			O _z						Not exposed	

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): _____

<u>Rodinga</u>					DATE OF MEASUREMENT:	
<u>sheet</u>	<u>C BDF 54-56</u>	<u>-</u>	<u>remeasurement?</u>		<u>19</u>	
GRID	serial number	horizon				
REFERENCES:	BASE OF SECTION		TOP OF SECTION			
(metric)	<u>19</u>	<u>*</u>	<u>*</u>	<u>*</u>		
	<u>map date</u>	<u>easting</u>	<u>northing</u>	<u>easting</u>	<u>northing</u>	
METHOD OF MEASUREMENT:					DRILLHOLES:	
					Has thickness been corrected for dip? YES, NO	
					Elevation of drillhole collar	
					<u>metres a.s.l.</u>	

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 54-56

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 4 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodinga sheet c BDF 57-58 -
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: DATE OF MEASUREMENT: 10 7 1988
day month year
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	42-46 Photos U36 V1 & 2	Os MC		20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0			Sandstone: 2.7 m. dm bdd. gn gy (soft) srt f Sst [Qz, some pk; ngle] w stringers & 1 cm bds med Sst. Loc hd - concr, ncalc. Ssts gen norm grd, w rip-ups a top & btwn units. Loc convex up blds => HCS. Not exposed: 16 m.	Bdg s 115/105W
	? Araka Fm	42-45 42-44 Photo U35 42-43 42-40, 41, 42		CD57A	2 1 0			Carbonate: 0.1 m. pa bngy, hd Dol [c 10% f-med Qz S]. Carbonate: 0.4 m. S-10 cm bdd pa yel gy hd Dol [tr S].? Strom.? loc brectrn. Top 5 cm carb iclast. Not exposed: 0.2 m. Carbonate: 0.2 m. pa y gy, hd rext dol; top 1/2 has 15% dissemin med-cr Qz S. Not exposed: 0.3 m. Sandstone & Carbonate: 0.55 m. Basal 2 m: gn gy soft [fri], srt, med Sst [f-cr Qz med pk-stained Qz]; 0.1 m [sharp] by 10 cm dt gn gy, hd [dall] srt med Sst [Qz, <1% dk? Glc]; 0.1 m by 5 cm gn gy + pk, h' dol [c 5% f-cr Qz]; 0.2 m yel gy dol. Top 0.2 m pa yel gy, hd dol [" -> 30-40% br top] - basal 1/2 mx suprt mm-cm pbs yel gy dol - rip-up clasts: imbr, B. Not Exp	Bdg ca 000/05W

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET. BDF 57-58

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodriga sheet C BDF 57-58 - DATE OF MEASUREMENT: 10 7 19 88
serial number horizon remeasurement? day month year
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	Photo V4	Os MC	CD57D		42		= cm	See p 4	
						41				
						40				
						39				
						38				
						37				
						36				
						35				
						34				
						33				
	Olympic Fm	Photo V3	Os MC	CD57C		32		= cm	Not exposed: 0.5m.	
						31				
						30				
						29				
						28				
						27				
						26				
						25				
						24				
						23				
	Olympic Fm	Photo V3	Os MC	CD57B		22		= dm		
						21				
						20				
						19				
						18				
						17				
						16				
						15				
						14				
						13				
	Olympic Fm	Photo V3	Os MC	CD57A		12		= dm		
						11				
						10				
						9				
						8				
						7				
						6				
						5				
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						3				

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START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET. BDF 57-58

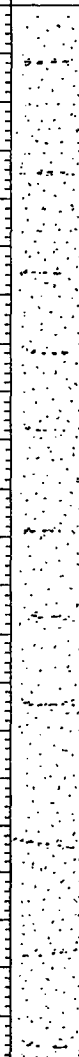
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodinga sheet C BDF 57-58 DATE OF MEASUREMENT: 19
serial number horizon remeasurement? day month year
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition						
	Olympic Fm		Os MC				64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42		= cm D = cm D = cm D = cm D = cm	see p 4	

PAGE 3 OF 11

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capricorn

GEOLOGIST(S): B Field

Rodriga sheet C BDE 57-58
DATE OF MEASUREMENT: 10 7 1988
BASE OF SECTION TOP OF SECTION
19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm		Oz	CD57F		86		= dm	Sandstone: 0.88m. 3 bds then upper [18,30,40cm] gen grd med-f.	
						85		== dm	Mudstone: 0.6m. pr exp rd gy Mst.	
						84		== dm	Mudstone & Sandstone: 1.36m. dm'ls rd bn soft Mst [55%] &	
						83		8cm	gn gy, gen hd [cover] f-f [loc grd] Sst [loc w rpld tops].	
						82			Two Sst sym grd f-med-f & w ptg ltr. 25cm unit 2-3 cm'ls Sst: Mst.	
						81			Not exposed: 3m.	
						80				
						79			Sandstone: 0.35m. hd [cover], (grd) med-crs Sst. ? F (late on base).	
						78			Sandstone: 0.2m. pa gn gy, soft, f-f Sst.	
						77			Not exposed: 7.5m.	
						76				
						75				
						74				
						73				
						72			Sandstone: 1m. ?msu, gn gy, soft, (srt) f-crs Sst.	
						71			Not exposed: 1m.	
						70			Sandstone: 0.3m. qb.	
						69			Sandstone: 0.45m. gn gy, grd crs → f Sst w f Sst iclast. [?alc].	
						68			Sandstone: 0.2m. f.	
						67			Not exposed: 1m.	
						66			Sandstone: 0.5m. dm bdd, grd med-f Sst. Loc tab cover.	
						65			Sandstone: 0.5m. Graded f-pl to crs Sst to fine Sst.	
						64			Sandstone: 0.6m. crs. crs Sst grd to fine. Channel fill.	
									Sandstone: 26m. cm bdd, pa gy f Sst w lags/stringers	
									crs S. Loc → med Sst. Planar bdd - no HCS - but from	
									disturbance bddg ⇒ low angles - bars.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodinga sheet C BDF 57-58 - DATE OF MEASUREMENT: 10 7 1988
serial number horizon remeasurement? 10 7 1988
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: *
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	number						
	Olympic Fm	Photos: v8, v9, v10, v30	OsMC	CD58R		108		cm	Sandstone: 3m. cm grd bds crs → med sst, // or v low ang to bdg. 60 cm conv unit nr base	
						107		cm		
						106		cm		
						105		cm	Sandstone: c 4m. cm grd bds crs → med sst, // or v low ang to bdg. cm A fsts.	
						104		cm		
						103		cm		
						102		cm		
						101		cm		
						100		cm	Sandstone: 2m. pa yelgy - ps gngy. soft [fri], srt med sst. Stacked 1cm A tr tab fsts in lams at low ang to bdg. Bar.	
						99		cm		
						98		cm	Sandstone: 1m. aa, but lamsy steeper dip.	
						97		cm		
						96		cm	Sandstone: 3m. as for 2m unit above.	
						95		cm		
						94		cm	Sandstone: 2.5m. aa, but srt f sst.	
						93		cm		
						92		cm		
						91		cm		
						90		cm		
						89		cm		
						88		cm		
						87		cm		
						86		cm	Not exposed: 6m. - base of bluffs	
								cm	see p4	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capiter

GEOLOGIST(S): B Field

Rodonga sheet C BDF 57-58 -

DATE OF MEASUREMENT: 10 7 1988
day month year

GRID REFERENCES: 19 * * *
(metric) map date easting northing easting northing

METHOD OF MEASUREMENT: BASE OF SECTION TOP OF SECTION

DRILLHOLES: *
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P number							
	Olympic Fm	Photo V26 —	42-57 —				130			See p 7	40% yel carb 10-20% gneiss → 5% pk Dzite → 5% milky Qz 40% Sst.
				CD58N —		129			Sandstone: 0.2m. Grd grit → crs Sst. Gritty Conglomerate: 0.4m. gritty, srt, cl suprt f-med Plol Cgl		
						128			Not exposed: 0.5m Grit 0.3m.		
						127			Conglomerate: 0.2m aa.		
						126			Sandstone: 0.5m. srt, grd crs Sst → med Sst. Crs sst loc gritty w/ ang Plol-Cbls		
						125			Sandy Conglomerate: 1m. Gritty f Plol Cgl, grd up to srt med Sst at top.		
						124			Sandstone: 1m. msy ps gngy, soft, srt med Sst.		
						123			Sandstone: 0.3m aa but crs. Not exposed: 0.5m.		
						122			Sandstone: 1.6m. ps gngy to pa yel gy [withrd], soft / fri, srt f Sst [fsU]. Qz. stacked 1cm A trs tab Rst.		
						121			Sandstone: 2m pr exp f Sst.		
						120			Sandstone: 1m. cm-dm bdd, gngy, hd [concr], soft, srt, Crs Sst [med-crs Qz, med] w/ cm-dm A trfs w/ f Plols on bases & ripid top.		
						119			Sandstone: 2m. n bdd to ?cm bdd [thixo disruption?] crs Sst, aa.		
						118			Sandstone: 3m. cm bdd?, to msy pa yel gy [withrd], soft, srt Crs Sst.		
						117			Sandstone: 3m. aa but grd: grit-f Plols basal 3cm, crs → med Sst in basal 50cm.		
						116			Sandstone: 1m. orig cm-dm bdd med Sst w/ 1cm cm x dm crs s-grit - thixo disrupted.		
						115			Sandstone: 1.2m. 3-5 cm grd crs-med Sst bds: pa yel gy, soft, srt. Bar.		
						114			Sandstone: 1.2m qa.		
						113					
						112					
						111					
					110						
					109						
					108						
		Photo V28									

PAGE 6 OF 11

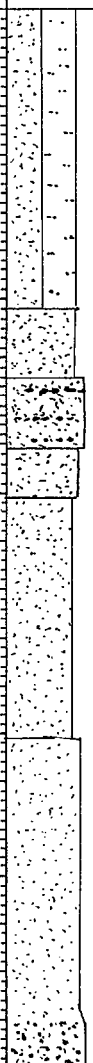
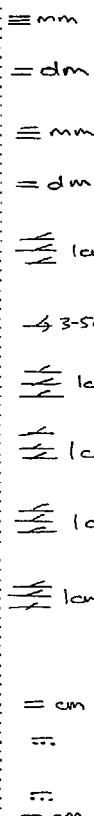
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capricorn

GEOLOGIST(S): B Field

Rodriga sheet C BDF57-58 - DATE OF MEASUREMENT: 10 7 1988
serial number horizon remeasurement? day month year
GRID REFERENCES: BASE OF SECTION TOP OF SECTION
(metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: DRILLHOLES:
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition						
	Olympic Fm	Photo v25 Photo v24	OsMC				15.2 15.1 15.0 14.9 14.8 14.7 14.6 14.5 14.4 14.3 14.2 14.1 14.0 13.9 13.8 13.7 13.6 13.5 13.4 13.3 13.2 13.1 13.0			See p 8 <u>Sandstone</u> : 1.4m. ps gr gy [pale gy with rd], soft/fri, srt f Sst. Stacked 1cm A tr + tab fsts. <u>Sandstone</u> : 1.5m. ps gr gy, soft, (srt) f-med & crs Sst w stringers grit + f Plbs carb + Qz. Low angle lams => 3-5cm A tr fsts. <u>Sandstone</u> : 1m. ps gr gy, soft, srt Med Sst. Stacked 1cm A tr + tab fsts. <u>Sandstone</u> : 5m. ps gr gy, soft, srt f Sst. Stacked 1cm A tr + tab fsts. <u>Sandstone</u> : 8m. ps gr gy, gritty crs Sst in basal 2m, -> upseq to 3-10cm bdd ps gy, soft, srt grd crs -> med bds Sst.	

PAGE 7 OF 11

42-56

PAGE 7 OF 11

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF57-58

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodriga c BDF-57-58 - DATE OF MEASUREMENT:
sheet serial number horizon remeasurement? 10 7 1988
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: 19 * * * DRILLHOLES:
(metric) map date easting northing easting northing Has thickness been corrected
METHOD OF for dip? YES, NO
MEASUREMENT: Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'P' number	Disturbance				
	Olympic fm	Photo V22 4255	Od					see p 9	
		Photos V23	Oc	CD58J-				Sandstone: 0.2m. yel gy hd [dol cem] f Sst. Lam, w rpld top. Ptg lmi. Siltstone: 1m. pa rd gy & pa gn gy soft (hd) Zst.	
								Sandstone & Mudstone: 1m. dm bdd Mst aa & Sst aa.	
								Not exposed: 0.5m.	
				CD58L-				Sandstone: 0-0.7m. dk rd bn hd crs Sst w crs s stringer + dm sp f-cr Pbls. Pebbly sandstone: 1.5m. mx suprt [med-cr Sst] em-sp f-med Pbls, m-sp crs Pbls-Bldrs. mm-em-sp grt. Ngrd. Av max 30x30cm. ? Mass flow. One dol	
								Sandstone: 2m. pa gn gy hd, bc concr [dol, dklbn], (srt) med-cr Sst [w s-10% crs s] & dm-sp f Pbls. Nr base has m-sp Cbls [rnd grains + qzite]. Top 20cm R-med S w conv fst. Mass flow.	
								Sandstone: 7m. pa gn gy [pa yel gy withrd], soft/fri, srt f Sst [Qz]; stacked 1cm A tr + tab fst.	
				CD58M					
			OsMC						
								Sandstone: 0.4m. mm bdd, pa gn gy, soft, srt, f Sst.	
								Sandstone: 1m. as for 7m unit above but w dm coners.	
								Sandstone & Siltstone: pr exp mm bdd f Sst w dm units 7m. pa gy, soft srt Zst.	

PAGE 8 OF 11

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

RTN 53 2

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B. Field

Radingia

sheet C BDF 57-58 serial number - horizon - remeasurement? -
BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 * * *
map date easting northing easting northing

DATE OF MEASUREMENT: 10 7 1988
day month year

METHOD OF MEASUREMENT: - DRILLHOLES: -
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar - metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
						226			see p 10	
						225				
						224				
						223			Mudstone & Siltstone: 0.2m cm ib, med gy, hd, ncal, Mst & low, long gy, hd 2st.	
									Not exposed: ca 36 m. Float incl. gy carb & crs Sst	
						190				
						189				
						188				
						187				
						186			Mudstone: 4 m. pr exp rd Mst	
						185				
						184				
						183				
						182			Carbonate: sm. mm bdd pa yel gy & pa yel or [withrd],	
						181			pa gy + rd gy [fresh], hd z Carb. Pty lins.	
						180				
						179				
						178			Not exposed: ca 10m.	
						177				
						176				
						175				
						174				

PAGE 9 OF 11

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

BDF 57-58

MEASURED SECTION, DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Mt Capitor

GEOLOGIST(S): B Field

Rodinga sheet C EDF 57-58 --
serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT:
DATE OF MEASUREMENT: 10 7 1988
day month year
DRILLHOLES:
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data
		Petrological data	Paleontological data	'p number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition		
		Photo VII4		CD58E		265			SEE p.11 Sandstone: 0.5m. as for 0.6m unit below. Ptg lin.		Bdg 001/14W
		Waldo Pedlar (Cyclops)				264			Sandstone: 0.7m. as for 0.8m unit below.		
				CD58D		263			Sandstone: 0.6m. gn gy, hd, srt f Sst [Qz, mic]. Lam. low angles to HCS?		Bdg 035/17NW
						262			Sandstone: 0.8m. gn gy, hd, srt, f.f. Sst [Qz, mic]. 30cm msu \ 20 lam		
						261			30cm rpld. Grd o'all f → f.		
						260			Not exposed: 8m.		
						259					
						258					
						257					
						256					
						255					
						254			Mudstone: 1m. gy Mst.		
		42-S1	?Oz			253			Not exposed: ca 30m. Probably Mst aa.		
						252					
						251					
						250					
						249					
						248					
						247					
						246					

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

C BDF 59

serial number

horizon

remeasurement?

BASE OF SECTION

TOP OF SECTION

DATE OF MEASUREMENT:

12 7 1988

day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a s l

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDF 59

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B Field

DATE OF MEASUREMENT: 11 7 1988
day month year

sheet c BDF 60 serial number - horizon - remeasurement? -

BASE OF SECTION 19 * TOP OF SECTION *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Olympic Fm	Photo W2				20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0				
		42-59							Siltstone: 6m. mm bdd, rd bn, hd, fis, zst, loc w pgn staining on jnts & bdy planes.	Bdg ca 025/125W
		42-60							Not exposed: 3m.	
		42-61							Ferruginous cap: 0.25m.	
									Sandstone: 2.5m. cm-dm bdd, wh, hd, srt, f Sst; loc lim-stained & cam.	
									Sandstone: 0.5m. wh, (hd), srt f Sst. 1cm A stacked fsts. Conv base.	Bdg ca 165/2W
									Not exposed: 1m.	
									Sandstone: 0.2m. wh, (hd), srt f Sst, fsts aa.	
									Not exposed.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B Field

sheet C 8DF 60 serial number _____ horizon _____ remeasurement? _____
BASE OF SECTION TOP OF SECTION
GRID REFERENCES: (metric) 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____ DATE OF MEASUREMENT: 11 7 19 88
day month year
DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results				Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number	Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition						
	? Olympic fm	Photo W1					62		cm	<u>see p.3</u>	Bdg: 100/10N
							61		m-dm	Sandstone: 1.5m. bar form m-dm A fsts.	
							60			Sandstone: 2m. ab but crs-gr & gritty.	
							59		mm-cm		
							58			Sandstone: 6m. ps gely, soft, srt f Sst. mm-cm A to fsts.	
							57				
							56				
							55		mm-cm		
							54				
							53				
							52			<u>Not exposed: 37m.</u>	
							51				
							50				
							49				
							48				
							47				
							46			Interval 20-40m not shown btwn slts 1 & 2.	
							45				
							44				
							43				
					42						
					41						
					40						

PAGE 2 OF 3

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

MEASURED SECTION, DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B. Field

DATE OF MEASUREMENT: 11 / 7 / 1988
sheet serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION
GRID REFERENCES: 19 * * *
map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLE: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar metres a.s.l. _____

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
		Photo v36.				84				
						83				
						82				
						81				
						80			Not exposed.	
		42-58				79		mm-cm	Sandstone: c 2 m. ab.	
						78				
						77			Not exposed: c 1.4 m.	
						76				
						75			Sandstone: 13 m. pale grey [wtless or], soft, srt f Sst	Bdg 075/08 N
						74			1 mm-cm A tr fsts.	
						73				
						72				
						71				
						70				
						69		mm-cm		
						68				
						67				
						66				
						65				
						64				
						63				
						62		cm	Sandstone: 1.5 m. srt crs Sst w grit stringers & cm Agst.	

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: _____

GEOLOGIST(S): B. Field

DATE OF MEASUREMENT: 12 7 19 88
day month year

sheet C BDF 61 serial number - horizon - remeasurement? -

BASE OF SECTION 19 * TOP OF SECTION *
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic Fm	42-66	Oz			20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0		see p 2		
									Mudstone: <10 m. pre exp rd Mat.	
		42-71 Photos W19, W20, W21 Aralka Fm, Limb 19.							Sandstone: laminated [Pumz]. Top 10m gy, lam, dolomitic. Ptg lin.	

PAGE 1 OF 4

MEASURED SECTION, DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

C BDF 61		DATE OF MEASUREMENT:	
sheet	serial number	horizon	remeasurement?
19	*	*	*
BASE OF SECTION		TOP OF SECTION	
map date	easting	northing	easting northing
METHOD OF MEASUREMENT:		DRILLHOLES:	
		Has thickness been corrected for dip? YES, NO	
		Elevation of drillhole collar metres a.s.l.	

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic fm	42-67	Oz			42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20			Siltstone: 32m. rd bn, hd 2st. mm bdd-f.s.	Bdy e DIS/OSSE

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

GRID
REFERENCES:
(metric)

METHOD OF MEASUREMENT:

	C	BDF 61	-	
sheet	serial number	horizon	remeasurement?	
	BASE OF SECTION		TOP OF SECTION	
19	*		*	
map date	easting	northing	easting	northing

DATE OF MEASUREMENT:
12 7 1988
 day month year

* DRILLHOLES:
Has thickness been corrected
for dip? YES , NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	Olympic fm		Oz			64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42		<u>Siltstone</u> : 2m. interlam. of gn + rd Zst. <u>Siltstone</u> : 20m. mm bdd / fis gn gy hd mic Zst & z f Sst. 		

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RAF A1

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

DATE OF MEASUREMENT: 19 day month year

GRID REFERENCES: (metric) 19 * * *
sheet serial number horizon remeasurement? BASE OF SECTION TOP OF SECTION
map date easting northing easting northing

METHOD OF MEASUREMENT: _____

DRILLHOLES: Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number				Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
					86				
					85				
					84				
					83				
					82				
					81				
					80				
					79				
					78				
					77				
					76				
					75				
					74				
					73				
					72				
					71				
					70				
					69				
					68				
					67				
					66				
					65				
					64				

Photos W 22-24
W 16

Photos 42-69
W 17, W 18

Olympic Fm

cf O₅MC

CD 61A

O₂

42-70

Not exposed: top of ridge.

Sandstone: 4 m. mm bdd. pa gy - pa rd gy, hd [? dol], srt
f Sst. f-med Pol bgs; conglins. Stacked mm A rpls.

Siltstone-Sandstone: 0.2 m. abo, w 10-60% mm bds f-med Sst aa. mm Arpls.
Siltstone: 4 m. rd bn 2st, as for 42-67.

Sandstone: 0-2 m. ?chan. med-crs (gritty) Sst w cm A trd tab
fsts.

see p 3

PAGE 4 OF 4

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

REF. 61

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Colleen Hills

GEOLOGIST(S): B Field

Alice Springs
sheet

C BDF 62
serial number

-
horizon

-
remeasurement?

DATE OF MEASUREMENT:
13 7 1988
day month year

GRID
REFERENCES:
(metric)

19

*

map date

easting

*

northing

*

easting

*

northing

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar metres a.s.l.

METHOD OF
MEASUREMENT:

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'p' number					
	Gaylard Sst	Photo W33 42-77	GLs-sg	GD 62A	25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0		≡ cm-dm 4dm ≡ cm-dm Sst ad?	Not exposed. Sandstone: 4m. cm-dm bdd, wh [withrs yel or] srt med-gr Sst. dm A tab fsts. Ptg lins. Very poorly exposed: ca 20m. Sst aa in basal 8m? rd gy fis f Sst immed above carb. Carbonate: Bitter Springs fm. cm-dm bdd, hd withrs pk-yel gy.	Bdg 015-035 /15NW
		Photo W34 42-78		CD 62B,C					
		Bitter Springs 42-81							
		Photo W35 42-79							

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 1 OF 1

BDF 62

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: Off Ross River Road, 5 km S of Beamstead Ck &
11 km E of 1/4 Mile Bore

GEOLOGIST(S): B Field

Alice Springs

c BDF63

GRID
REFERENCES:
(metric)

19

BASE OF

easting

SECTION

nothing

TOP OF SECTION

easting northing

DATE OF MEASUREMENT:

13 7 1988
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar _____
metres a.s.l.

Stage	Formation	Samples taken and results				Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	Structural data ↑ N ↓
		Petrological data	Paleontological data	'f' number	Disturbance					
	Olympic Fm	Photo X2 —	Oz			15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0	≡ mm		See p 2	
		Photo X1 42-89	Oz				≡ mm		<u>Siltstone</u> : 6 m. mm bdd / lam rd bn hcl Zst. Loc gn lams, < 12.	
							≡ mm		<u>Not exposed</u> : see m. Poss fault.	
	Bitter Springs	42-88							<u>Mudstone & Sandstone</u> : 10' m. ib rd Mat & dol Sst.	Bdg 020/15 SW

PAGE 1 OF 2

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

Bdg
020/75 SW

PAGE 1 OF 2

BDF 63

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

Alice Springs sheet c 6DF 63 serial number - horizon - remeasurement? -
DATE OF MEASUREMENT: 19 day - month - year
GRID REFERENCES: 19 * - * - *
(metric) map date easting northing easting northing
METHOD OF MEASUREMENT: _____
DRILLHOLES: _____
Has thickness been corrected for dip? YES, NO
Elevation of drillhole collar _____ metres a.s.l.

Stage	Formation	Samples taken and results			Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number					
					37				
					36				
					35				
					34				
					33				
					32				
					31				
					30				
		42-86	Os	CD63C	29			Not exposed.	
		Photo x5			28			Sandstone: cm-dm bdd, wh, hd, med Sst [Qz]. 10m A fts.	
		Photo x3			27			Sandstone & Siltstone: 12m. cm-dm bdd ps lgy, hd [dol]. f Sst [Qz]. loc truncated conv bdd. Zst ab.	
					26			Seq 70% Sst in 1-2 cm bds → upseq to 5cm bds. In top 1/3 of unit Sst in 30 cm bds & 1m sp. In top 2m, interlam w/ wh Sst aa. Ptg lins.	
		42-83		CD63A,B	25				
					24				
					23				
		Photo x4			22				
			Os/z		21				
					20				
					19				
					18				
					17				
					16			Sandstone & Siltstone: 11m. as below, with 30% gr gy, hd, f Sst in 1-2 mm bds [lam, sharp bases + tops; no rpls] → 50% of seq by 6m > base & → 70% Sst nr top.	
					15				

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET

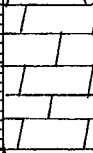
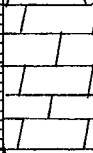
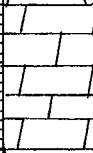
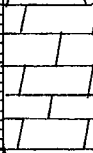
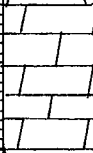
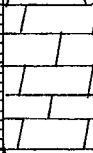
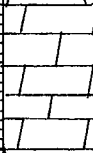
MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Jay Creek, main highway

GEOLOGIST(S): B Field

Hermannsburg C BDF 64 - DATE OF MEASUREMENT: 14 7 1988
Sheet serial number horizon remeasurement? day month year
GRID BASE OF SECTION TOP OF SECTION
REFERENCES: (metric) 19 * * * DRILLHOLES: *
map date easting northing easting northing Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT: Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturb - ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description		Structural data ↑ N ↓
		Petrological data	Paleontological data	'r' number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition		
	?							<u>≡ cm</u>	<u>See p2</u>		
	?								<u>Not exposed: ca 5m.</u>		
	?								<u>Dolomite: ca 3m. pr exp gy & loc yel gy wthd dol.</u>		<u>Bdg ca 105/60 S</u>
	?								<u>Not exposed: ca 50m.</u>		
	?								<u>Sandstone: ca 4m. pr exp cm-dm bdd Sst.</u>		<u>Bdg ca 115/60 S</u>
	?								<u>Silicified Dolomite: cal m.</u>		
	?								<u>Mudstone & Dolomite: rd Mst & yel & gy dol.</u>		
	?								<u>Thickness not measured.</u>		

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1 : 1000)
1 cm : 50 m (1 : 5000)

LOCALITY: _____

GEOLOGIST(S): B Field

Hermannsburg
sheet

c BDF 64
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:
14 7 19 88
 day month year

GRID
REFERENCES:
(metric)

BASE OF SECTION

TOP OF SECTION

10

*

✱

3

DRILL HOLES:

METHOD OF MEASUREMENT:

— Has thickness been corrected for dip? YES, NO

Elevation of drillhole collar _____
metres a s l

[illegible]

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

RDE 61

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY:

GEOLOGIST(S): B Field

Hermannsburg
sheet

c 64
serial number

horizon

remeasurement?

DATE OF MEASUREMENT:

14 7 1988
day month year

GRID
REFERENCES:
(metric)

19

BASE OF SECTION

TOP OF SECTION

DRILLHOLE

Has thickness been corrected
for dip? YES, NO

METHOD OF
MEASUREMENT:

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'r' number						
	Pioneer Sst	Photos: X7 X8 - upr pt seq X9 - lwr pt seq X10 42-90 42-106 42-91 42-92						Not exposed. Sandstone: 11 m. cm-dm bdd ps yel gy. hrd [Qz], srt, med Sst. Loc amalg, loc grd crs → med or crs → fine. Loc dm tab fsts & tr fsts. Loc scours. Loc ptg lms. 3 cm th bds or med = feldspathic [pk]. Sandstone: 2 m. ? cm (bdd), mod rd, (soft), srt f-med Sst.	Bdg 095/58 S Bdg ca 110/63 S	

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET, EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.

PAGE 3 OF 3

66

MEASURED SECTION DETAIL SHEET

REGION: AMADEUS SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Inindia Beds

GEOLOGIST(S):

GRID
REFERENCES:
(metric)

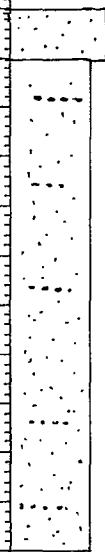
19

METHOD OF
MEASUREMENT: Paced

C
sheet serial number horizon remeasurement?
BASE OF SECTION TOP OF SECTION
map date easting northing easting northing

DATE OF MEASUREMENT:
8 6 1988
day month year

DRILLHOLES:
Has thickness been corrected
for dip? YES, NO
Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturb- ance Scale (metres)	GRAPHIC LOG	Additional graphic	Description Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, round ness); accessory minerals; preliminary assessment of environment of deposition	Structural data N I
		Petrological data	Paleontological data	number					
	Inindia Beds (cf. Os)	40-51			18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0		=dm =dm tr 1cm cm	Not exposed: vca 40m. Sandstone: ca 1m. dm bdd, wh, hcl [Qzcom] med Sst. Sandstone: ca 10m. dm bdd, pa yel gy. [with or on bn], hcl, srt, med Sst [95% Qz?]. dm A tr fsts & dm-m sp lags of f Plbs Sst. Assym 1cm A rpls => cd to East. 40cm bdd med Sst & base w cm A tr fsts ? throughout. Ptg lins.	
		40-52							

MEASURED SECTION DETAIL SHEET

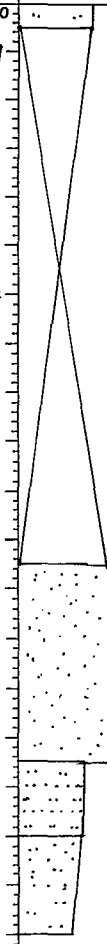
REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Inindia Beds

GEOLOGIST(S): _____

sheet		C serial number		horizon		remeasurement?		DATE OF MEASUREMENT: 19		
BASE OF SECTION		TOP OF SECTION		day		month		year		
19		*		*		*		DRILLHOLES:		
map date		easting		northing		easting		northing		Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:										Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results				Disturb- ance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number							
	Inindia Beds (cf. Os)						70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50		See p 3 Not exposed : 11 m.		
								= cm-dm dm	Sandstone : ca 4m. cm-dm bdd, mod rd gy, wthrd, hd, srt mod Sst [Qz-rich, 5-10% feld]. dm A tr fsts.		
								mm cm	Siltstone & Sandstone : 1.5m. mm lb mod rd gy, hd 2st & f Sst. dm-sp 1-2cm bds f Sst w/ cm A rpls. ? Tidal.		
									Siltstone : 2m. ao, grd dnseq to 2st.		
									see p1		

PAGE 2 OF 5

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: India Beds

GEOLOGIST(S): _____

GRID	C	DATE OF MEASUREMENT:
sheet	serial number	day month year
BASE OF SECTION	horizon	19
TOP OF SECTION	remeasurement?	
REFERENCES: (metric)	map date	DRILLHOLES:
19	* easting	Has thickness been corrected for dip? YES, NO
	* northing	Elevation of drillhole collar
METHOD OF MEASUREMENT:		metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	if number					Name of rock; hardness and cementation; colour; weathering and sedimentary structures (including biogenic); fossils; texture (grain size, sorting, shape, roundness); accessory minerals; preliminary assessment of environment of deposition	
	India Beds (cf O ₂)					92	..		Siltstone: 11.5m. pa yelgy withrd, hd Zst.	
						91	..			
						90	..			
						89	..			
						88	..			
						87	..			
						86	..			
						85	..			
						84	..			
						83	..			
						82	..			
						81	..		Siltstone: 12m. pa rd gy, withrd, hd, Zst.	
						80	..			
						79	..			
						78	..			
						77	..			
						76	..			
						75	..			
						74	..			
						73	..			
						72	..			
						71	..			
						70	..			

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Inindia Beds

GEOLOGIST(S): _____

sheet	C	serial number	horizon	remeasurement?	DATE OF MEASUREMENT:
19	*	BASE OF SECTION	TOP OF SECTION	day month year	19
map date	easting	northing	easting	northing	DRILLHOLES:
					Has thickness been corrected for dip? YES, NO
METHOD OF MEASUREMENT:					Elevation of drillhole collar metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	if number						
	Inindia Beds					114			see p 5.	N ↑
						113			Sandstone: ca 3 m. aa.	
						112		≡ mm-cm		
						111				
						110				
						109		= cm	Sandstone: ca 1.5 m. aa, but cm bdd, not flaser bdd.	
						108			Not exposed: 16 m.	
						107				
						106				
						105				
						104				
						103				
						102				
						101				
						100				
						99				
						98				
						97				
						96				
						95				
					94					
					93					
					92			see p 3.		

MEASURED SECTION DETAIL SHEET

REGION: _____

SCALE: 1 cm : 1 m (1:100) 1 cm : 10 m (1:1000)
1 cm : 50 m (1:5000)

LOCALITY: Inindia Beds

GEOLOGIST(S): _____

GRID
REFERENCES:
(metric)

19

map date

*

easting

northing

*

easting

*

northing

sheet serial number

BASE OF SECTION

TOP OF SECTION

remeasurement?

DATE OF MEASUREMENT:

19
day month year

DRILLHOLES:

Has thickness been corrected
for dip? YES, NO

Elevation of drillhole collar
metres a.s.l.

Stage	Formation	Samples taken and results			Disturbance	Scale (metres)	GRAPHIC LOG	Additional graphic	Description	Structural data
		Petrological data	Paleontological data	'f' number						
	Inindia Beds								Not exposed.	
									Sandstone: ca 8m. ab but sl crsr [upr limit fs], w/ 2cm A rpls & 1-2 dm A tr + ? tab fsts. Fewer mst drapes. dm-m sp lags of E, CB & B f Pbls f Sst. Grad base [over 0.5m]. Shoreface?	
									Sandstone: 8.5m. flaser & mm to 1-2cm bdd ps gel gy, hd, srt f Sst [Qz-rich, 7% f ? Glc]. shoreface? / intertidal?	
									Not exposed: 3m.	

PAGE 5 OF 5

START PLOTTING AND NUMBERING SAMPLES AT THE BOTTOM OF THE SHEET. EXACT LOCATION OF THIS MEASURED SECTION TO BE SHOWN ON MAP ON BACK OF THIS SHEET.