

Lithology logs

In the following logs, depth, casing total length and screen are in metres. In the 'Elev.' column, the negative numbers above the boundary lines represent the elevation relative to ground level, whereas the positive numbers represent the depth below ground level, and both are in metres. Eastings and northings are in metres and are based on Australian Geodetic Datum 1984.

Borehole: 00KE15D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 6/6/2000

Easting/Northing: 568664.814/6499836.764

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m	Well Completion Details
				10	30	50	70	90		
0		Ground Surface	0.00							
1		SEDIMENT Green grey clay with fine sand	0.00							
2										
3			-3.00							
4		SEDIMENT Brown red sandy clay	3.00							
5			-5.00							
6		SEDIMENT Grey sandy clay	5.00							
7			-7.00							
8		SEDIMENT Grey gravelly clay	7.00							
9			-9.00							
10		SEDIMENT Grey clay with iron nodules and quartz grains	9.00							
11			-11.00							
12		SEDIMENT White sandy clay with minor >3mm quartz grains	11.00							
13			-13.00							
14		SEDIMENT Red clay iron rich water above	13.00							
15			-15.00							
16		SEDIMENT Grey clay quartz slight iron stains	15.00							
17			-19.00							
18		SEDIMENT Red iron rich clay abundant quartz	19.00							
19			-22.00							
20		SEDIMENT Red iron rich clay abundant quartz	22.00							
21			-22.00							
22		SEDIMENT Red iron rich clay abundant quartz	22.00							
23										
24		SAPROLITE Limonitic clay slight iron stains on angular quartz/feldspar grains								
25										
26		SAPROLITE Limonitic clay slight iron stains on angular quartz/feldspar grains								
27										
28		SAPROLITE Limonitic clay slight iron stains on angular quartz/feldspar grains								
29										
30		SAPROLITE Limonitic clay slight iron stains on angular quartz/feldspar grains								
31										
32		SAPROLITE Limonitic clay slight iron stains on angular quartz/feldspar grains								
33			-33.00							
34		GRANITE Hard tight fresh granite	33.00							
35										
36		GRANITE Hard tight fresh granite	-37.00							
37			37.00							
38		End of Borehole								

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: AC

Casing Total Length: 37

Casing Type & Diameter: PVC 125mm

Screen: 35 - 37

Borehole: 00KE15S

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 6/6/2000

Easting/Northing: 568663.303/6499835.237

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0		SEDIMENT Green grey clay with fine sand	0.00								
1											
2											
3			-3.00								
3		SEDIMENT Brown red sandy clay	3.00								
4											
5			-5.00								
5		SEDIMENT Grey sandy clay	5.00								
6											
7			-7.00								
7		SEDIMENT Grey gravelly clay	7.00								
8											
9			-9.00								
9		SEDIMENT Grey clay with iron nodules and quartz grains	9.00								
10											
11			-11.00								
11		SEDIMENT White sandy clay with minor >3mm quartz grains	11.00								
12											
13			-13.00								
13		End of Borehole	13.00								
14											

Driller: LA Boyle Drilling Pty. Ltd. Casing Above Ground Level: 0.5 metres

Drill Method: AC Casing Total Length: 13

Casing Type & Diameter: PVC 125mm Screen: 11 - 13

Borehole: 00KE16D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 6/6/2000

Easting/Northing: 567373.547/6499812.093

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39		Well Completion Details
				10	30	50	70	90	Salinity ms/m	10	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay	-2.00								
2											
3											
4		SEDIMENT Brown clay with quartz grains	-7.00								
5											
6											
7											
8		SEDIMENT Red brown clay quartz	-10.00								
9											
10											
11		SEDIMENT Cream white clay some quartz	-15.00								
12											
13											
14											
15											
16											
17		SEDIMENT Cream white clay with iron hardpans	-17.00								
18											
19											
20											
21		SEDIMENT Light brown brown clay with minor quartz grains	-21.00								
22											
23											
24		SEDIMENT Grey clay quartz grains	-23.00								
25											
26											
27											
28											
29											
30		SAPROLITE	29.00								
31											
32		Kaolinitic clay abundant quartz with iron staining									
33											
34											
35											
36											
37		SAPROLITE	-36.00								
38											
39		Limonitic clay slight iron stains on angular quartz/feldspar grains									
40											
41											
42											
43											
44											
45		GRANITE Fresh granite with minor iron staining	-45.00								
46											
47											
48		End of Borehole									

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: AC

Casing Total Length: 45

Casing Type & Diameter: PVC 125mm

Screen: 43 - 45

Borehole: 00KE16S

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 6/6/2000

Easting/Northing: 567374.698/6499812.223

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0		SEDIMENT Green grey clay	0.00								
1											
2		SEDIMENT Brown clay with quartz grains	-2.00								
3											
4											
5											
6											
7		SEDIMENT Red brown clay quartz	-7.00								
8											
9											
10		SEDIMENT Cream white clay highly weathered granite some quartz	-10.00								
11											
12											
13											
14											
15		End of Borehole	-15.00								
16			15.00								

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: AC	Casing Total Length: 15
Casing Type & Diameter: PVC 125mm	Screen: 13 - 15

Borehole: 00KE17D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 7/6/2000

Location: Kellerberrin

Easting/Northing: 566924.232/6499753.485

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39	Well Completion Details
				10	30	50	70	90	Salinity ms/m	
0		Ground Surface	0.00							
0	SEDIMENT	Grey clay quartz minor	0.00							
1										
2										
3										
4			-4.00							
4	SAPROLITE	Limonitic clay with iron stained quartz/feldspar	4.00							
5										
6			-6.00							
6	GRANITE	Fresh hard granite	6.00							
7										
8										
9		End of Borehole	-9.00							
9			9.00							
10										

Driller: LA Boyle Drilling Pty. Ltd. Casing Above Ground Level: 0.5 metres

Drill Method: RC Casing Total Length: 9

Casing Type & Diameter: PVC 50mm Screen: 7 - 9

Borehole: 00KE18D

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 7/6/2000

Easting/Northing: 566738.318/6500230.962

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0	SEDIMENT	Red brown clay quartz minor	0.00								
1											
2	SAPROLITE	Limonitic clay with iron stained quartz	2.00								
3	SAPROLITE	White kaolinitic clay minor quartz/feldspar	3.00								
4											
5	GRANITE	Fresh hard granite	5.00								
6											
7											
8											
9	GRANITE	Hard rock fracture iron stained water bearing	9.00								
10	GRANITE	Fresh hard tight granite	10.00								
11		End of Borehole	11.00								
12											

Driller: LA Boyle Drilling Pty. Ltd. Casing Above Ground Level: 0.5 metres

Drill Method: RC Casing Total Length: 11

Casing Type & Diameter: PVC 50mm Screen: 9 - 11

Borehole: 00KE19D

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 7/6/2000

Easting/Northing: 567643.843/6500235.641

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39		Well Completion Details
				10	30	50	70	90	Salinity ms/m	10	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay quartz present	-2.00								
2			2.00								
3		SEDIMENT									
4		Limonitic grey clay quartz trace									
5											
6			-7.00								
7		SEDIMENT	7.00								
8		Iron hardpan with clay water @ bottom									
9											
10			-11.00								
11		SEDIMENT	11.00								
12		Limonitic clay quartz grains									
13											
14											
15			-17.00								
16		SEDIMENT	17.00								
17		Red brown clay quartz slight iron stains									
18			-19.00								
19		SEDIMENT	19.00								
20		Red brown clay with >1mm quartz grains abundant									
21			-21.00								
22		SEDIMENT	21.00								
23		Grey green clay minor quartz grains									
24			-24.00								
25		SAPROLITE	24.00								
26		White kaolinitic clay quartz rich with iron staining									
27											
28		SAPROLITE									
29		Grey green clay abundant quartz with iron staining									
30			-31.00								
31		SAPROLITE	31.00								
32		Limonitic clay abundant quartz/feldspar									
33			-34.00								
34			34.00								
35		End of Borehole									
36											
37											

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: AC

Casing Total Length: 34

Casing Type & Diameter: PVC 125mm

Screen: 32 - 34

Borehole: 00KE19S

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 7/6/2000

Easting/Northing: 567646.29/6500235.966

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0		SEDIMENT Green grey clay quartz present	0.00								
1											
2		SEDIMENT Limonitic grey clay quartz trace	-2.00 2.00								
3											
4											
5											
6											
7		SEDIMENT Iron hardpan with clay water @ bottom	-7.00 7.00								
8											
9											
10											
11		SEDIMENT Limonitic clay quartz grains	-11.00 11.00								
12											
13											
14											
15		End of Borehole	-15.00 15.00								
16											

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: RC	Casing Total Length: 15
Casing Type & Diameter: PVC 125mm	Screen: 13 - 15

Borehole: 00KE20D Comm

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 8/6/2000

Easting/Northing: 568156.254/6499822.246

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39		Well Completion Details
				10	30	50	70	90	Salinity ms/m	10	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay	0.00								
2			-3.00								
3		SEDIMENT	-4.00								
4		Quartz gravels with brown clay matrix	4.00								
5			-6.00								
6		SEDIMENT	6.00								
7		Limonitic clay with quartz grains									
8			-9.00								
9		SEDIMENT	9.00								
10		Red brown clay quartz grains									
11		White kaolinic clay quartz slight iron stains	-12.00								
12			-13.00								
13		SEDIMENT	13.00								
14		Red brown clay iron hardpan layers									
15			-17.00								
16		SEDIMENT	17.00								
17		White kaolinic clay minor quartz grains and iron nodules	-19.00								
18			-17.00								
19		SAPROLITE	19.00								
20		Red brown clay quartz rich									
21			-19.00								
22		SAPROLITE	19.00								
23		Limonitic clay abundant quartz with iron staining									
24			-29.00								
25			-30.00								
26			-30.00								
27			-29.00								
28			-30.00								
29			-30.00								
30		SAPROLITE	30.00								
31		Koalinic clay abundant quartz									
32			-34.00								
33		SAPROLITE	34.00								
34		Limonitic clay minor quartz/feldspar grains									
35		End of Borehole	34.00								

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: AC

Casing Total Length: 34

Casing Type & Diameter: PVC 125mm

Screen: 32 - 34

Borehole: 00KE21D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 9/6/2000

Location: Kellerberrin

Easting/Northing: 568198.12/6500486.355

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
1		SEDIMENT Light brown clay	0.00								
2											
3			-3.00								
4		SEDIMENT Red brown grey clay with quartz grains	3.00								
5											
6			-6.00								
7		SAPROLITE White clay abundant quartz grains	6.00								
8											
9		SAPROLITE White cream clay quartz present iron staining water bearing	-8.00								
10											
11											
12											
13											
14											
15											
16											
17											
18			-18.00								
19		SAPROLITE Cream clay 3mm quartz grains feldspars less weathered than above	18.00								
20											
21											
22											
23											
24											
25											
26			-26.00								
27		SAPROLITE Limonitic clay quartz/feldspar iron stains	-27.00								
28			27.00								
29		End of Borehole									

Driller: LA Boyle Drilling Pty. Ltd. Casing Above Ground Level: 0.5 metres

Drill Method: RC Casing Total Length: 27

Casing Type & Diameter: PVC 50mm Screen: 25 - 27

Borehole: 00KE22D

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 9/6/2000

Easting/Northing: 568198.12/6500486.355

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39		Well Completion Details
				10	30	50	70	90	Salinity ms/m	10 100	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay	-1.00								
2			1.00								
3		SEDIMENT									
4		Red brown grey clay with quartz grains	-4.00								
5		SEDIMENT	-5.00								
6		Red brown clay abundant quartz grains	5.00								
7		SEDIMENT	-7.00								
8		White cream clay quartz present	7.00								
9		SEDIMENT	-10.00								
10		Red brown clay with hardpan layers	10.00								
11		SEDIMENT	-13.00								
12		Cream limonitic clay quartz iron stains	13.00								
13		SEDIMENT	-17.00								
14		Red brown iron hardpan	17.00								
15		SEDIMENT	-20.00								
16		Red brown iron hardpan	20.00								
17		SAPROLITE	-27.00								
18		Limonitic clay weathered granite iron stains	27.00								
19		quartz grains	-28.00								
20		SAPROLITE	28.00								
21		Cream brown clay iron staining on quartz									
22		grains									
23											
24											
25											
26											
27			-27.00								
28		SAPROLITE	-28.00								
29		Limonitic green clay abundant	28.00								
30		quartzfeldspar									
31		SAPROLITE	-32.00								
32		Limonitic clay iron staining on	32.00								
33		quartz/feldspar grains									
34		End of Borehole									

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: RC

Casing Total Length: 32

Casing Type & Diameter: PVC 50mm

Screen: 30 - 32

Borehole: 00KE22S

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 9/6/2000

Easting/Northing: 568198.156/6500482.058

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0		SEDIMENT Green grey clay	0.00								
1		SEDIMENT Red brown grey clay with quartz grains	-1.00								
2			1.00								
3											
4			-4.00								
4		SEDIMENT Red brown clay abundant quartz grains	4.00								
5			-5.00								
5		SEDIMENT White cream clay quartz present	5.00								
6											
7			-7.00								
7		SEDIMENT Red brown clay with hardpan layers	7.00								
8											
9											
10			-10.00								
10		SEDIMENT Cream limonitic clay quartz iron stains	10.00								
11											
12			-12.00								
12		End of Borehole	12.00								
13											

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: RC	Casing Total Length: 12
Casing Type & Diameter: PVC 50mm	Screen: 10 - 12

Borehole: 00KE23D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 9/6 - 10/6/2000

Easting/Northing: 567511.293/6499575.058

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay	-2.00								
2											
3											
4											
5		SEDIMENT Brown clay with quartz grains	-7.00								
6											
7											
8		SEDIMENT Red brown clay quartz	-10.00								
9											
10											
11		SEDIMENT Cream white clay some quartz	-15.00								
12											
13											
14											
15		SEDIMENT Cream white clay with iron hardpans	-17.00								
16											
17											
18		SEDIMENT Light brown brown clay with minor quartz grains	-21.00								
19											
20											
21											
22		SEDIMENT Grey clay quartz grains	-23.00								
23											
24											
25		SEDIMENT Red brown clay quartz slight iron stains	-29.00								
26											
27											
28											
29		SAPROLITE Kaolinitic clay abundant quartz with iron staining	-36.00								
30											
31											
32											
33											
34											
35		SAPROLITE Limonitic clay abundant quartz/feldspar	-43.00								
36											
37											
38											
39											
40											
41											
42											
43		GRANITE Fresh granite with minor iron staining	-45.00								
44											
45											
46											
47		End of Borehole									
48											
49											
50											

Driller: LA Boyle Drilling Pty. Ltd.
Drill Method: AC
Casing Type & Diameter: PVC 125mm

Casing Above Ground Level: 0.5 metres
Casing Total Length: 45
Screen: 43 - 45

Borehole: 00KE23S

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 9/6 - 10/6/2000

Location: Kellerberrin

Easting/Northing: 567513.27/6499575.917

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
1		SEDIMENT Green grey clay	0.00								
2		SEDIMENT Brown clay with quartz grains	-2.00								
3			2.00								
4											
5											
6											
7			-7.00								
8		SEDIMENT Red brown clay quartz	7.00								
9											
10			-10.00								
11		SEDIMENT Cream white clay highly weathered granite some quartz	10.00								
12			-12.00								
13		End of Borehole	12.00								

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: AC	Casing Total Length: 12
Casing Type & Diameter: PVC 125mm	Screen: 10 - 12

Borehole: 00KE24D

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 10/6/2000

Easting/Northing: 567853.395/6499991.421

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m	Well Completion Details
				10	30	50	70	90		
0		Ground Surface	0.00							
1		SEDIMENT Green grey clay	0.00							
2										
3										
4			-4.00							
5		SEDIMENT Brown cream clay with quartz grains	4.00							
6										
7			-7.00							
8		SEDIMENT Red brown clay abundant quartz grains iron staining	7.00							
9										
10			-9.94							
11		SEDIMENT White cream clay quartz present	9.94							
12			-12.00							
13		SEDIMENT Pink white kaolinitic clay iron stains on quartz grains	12.00							
14			-14.00							
15		SAPROLITE Cream limonitic clay quartz iron stains	14.00							
16			-16.00							
17		SAPROLITE Limonitic clay slight iron stains on quartz/feldspar grains	16.00							
18										
19										
20			-21.00							
21		SAPROLITE as above with increased weathering on feldspar grains	21.00							
22			-23.00							
23			23.00							
24		SAPROLITE Limonitic clay iron staining on quartz/feldspar grains								
25										
26										
27										
28										
29										
30			-30.00							
31		End of Borehole	30.00							

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: RC

Casing Total Length: 30

Casing Type & Diameter: PVC 50mm

Screen: 28 - 30

Borehole: 00KE24S

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 10/6/2000

Easting/Northing: 567853.639/6499990.219

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39 Salinity ms/m		Well Completion Details
				10	30	50	70	90	10	100	
0		Ground Surface	0.00								
0	SEDIMENT	Green grey clay	0.00								
1											
2											
3											
4			-4.00								
4	SEDIMENT	Brown cream clay with quartz grains	4.00								
5											
6											
7			-7.00								
7	SEDIMENT	Red brown clay abundant quartz grains iron staining	7.00								
8											
9			-9.00								
9	SAPROLITE	White cream clay highly weathered granite quartz present	9.00								
10											
11			-11.00								
11		End of Borehole	11.00								
12											

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: RC	Casing Total Length: 11
Casing Type & Diameter: PVC 50mm	Screen: 9 - 11

Borehole: 00KE25D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 10/6/2000

Easting/Northing: 567833.174/649344.47

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39	Well Completion Details
				10	30	50	70	90	Salinity ms/m	
0		Ground Surface	0.00							
1		SEDIMENT Grey brown clay topsoil	-1.00							
2		SEDIMENT Limonitic clay with quartz grains	1.00							
3										
4										
5										
6										
7			-7.00							
8		SEDIMENT Red brown clay minor quartz	7.00							
9										
10										
11			-11.00							
12		SAPROLITE Limonitic clay iron staining quartz grains	11.00							
13										
14										
15										
16										
17										
18			-18.00							
19		SAPROLITE as above but increased weathered on feldspar grains	18.00							
20			-20.00							
21		SAPROLITE Limonitic clay iron staining on quartz/feldspar grains	20.00							
22										
23										
24			-24.00							
25		End of Borehole	24.00							

Driller: LA Boyle Drilling Pty. Ltd.

Casing Above Ground Level: 0.5 metres

Drill Method: RC

Casing Total Length: 24

Casing Type & Diameter: PVC 50mm

Screen: 22 - 24

Borehole: 00KE28D

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 13/6/2000

Location: Kellerberrin

Easting/Northing: 568329.208/6499678.34

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39	Well Completion Details	
				10	30	50	70	90	100		Salinity ms/m
0		Ground Surface	0.00								
1		SEDIMENT Brown gravel clay topsoil	-1.00								
2		SEDIMENT Grey green clay with quartz grains	1.00								
3											
4		SEDIMENT Red brown clay abundant quartz grains iron staining	-4.00								
5			4.00								
6											
7											
8											
9											
10											
11											
12											
13											
14			-14.00								
15		SAPROLITE White kaolinitic clay weathered granite iron stains on quartz grains	14.00								
16											
17											
18											
19											
20											
21											
22		SAPROLITE Cream limonitic clay quartz iron stains	-22.00								
23			22.00								
24											
25											
26											
27											
28		SAPROLITE Limonitic clay slight iron stains on quartz/feldspar grains	-28.00								
29			28.00								
30			-30.00								
31			30.00								
32		End of Borehole									
33											

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: RC	Casing Total Length: 30
Casing Type & Diameter: PVC 50mm	Screen: 28 - 30

Borehole: 00KE28S

Agriculture Western Australia
Central Agricultural Region

Project: RTP

Date: 13/6/2000

Easting/Northing: 568329.208/6499678.34

Location: Kellerberrin

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39	Well Completion Details
				10	30	50	70	90	Salinity ms/m	
0		Ground Surface	0.00							
	SEDIMENT	Gravel clay backfill	0.00							
1	SEDIMENT	Grey green consolidated clay with quartz grains	1.00							
2										
3										
4	SEDIMENT	Red brown clay quartz	-4.00							
5										
6										
7										
8										
9										
10		End of Borehole	-10.00							
11			10.00							

Driller: LA Boyle Drilling Pty. Ltd.	Casing Above Ground Level: 0.5 metres
Drill Method: RC	Casing Total Length: 10
Casing Type & Diameter: PVC 50mm	Screen: 8 - 10

Borehole: 00KEPB1

Agriculture Western Australia
Central Agricultural Region


Project: RTP

Date: 13/6/2000

Location: Kellerberrin

Easting/Northing: 568338.183/6499735.068

Hydrologist/ Supervisor: T. Cattlin

Depth	Symbol	Description	Elev.	Gamma					EM 39		Well Completion Details
				10	30	50	70	90	Salinity ms/m	10	
		Ground Surface	0.00								
	[Green hatched]	SEDIMENT Gravel clay topsoil	0.00 -3.00 3.00								
	[Grey green hatched]	SEDIMENT Grey green consolidated clay with fine quartz grains	-8.00 8.00								
	[Red brown hatched]	SEDIMENT Red brown clay quartz									
	[Red brown hatched]	SEDIMENT Red brown clay	-18.00 18.00								
	[Light brown hatched]	SEDIMENT Light brown clay with quartz grains	-22.00 22.00								
	[Red brown hatched]	SEDIMENT Red brown iron rich clay with minor quartz grains	-27.00 27.00								
	[White hatched]	SAPROLITE White kaolinitic clay weathered granite iron stains on quartz grains									
	[Cream hatched]	SAPROLITE Cream brown clay quartz slight iron stains									
	[Light brown hatched]	SAPROLITE Light brown clay slight iron stains on angular quartz grains	-40.00 40.00								
	[Yellow hatched]	SAPROLITE Limonitic clay varying weathered layers some highly water bearing abundant quartz/feldspar									
		End of Borehole	-62.00 62.00								
Driller: LA Boyle Drilling Pty. Ltd.		Casing Above Ground Level: 0.5 metres									
Drill Method: AC		Casing Total Length: 61									
Casing Type & Diameter: PVC 125mm		Screen: 7 - 61									