

JK Geotechnics



#29593V

BH 4

START CORING AT 6.5m

6

CORE
LOSS: 0.09m

7

8

9

END OF BOREHOLE AT 9.28m



Borehole No.
5
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~98 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel Density	Hand Penetrometer
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BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~94.5 m

Date: 11/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION
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Borehole No.
7
1 / 3

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~94.6 m

Date: 9/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	
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Borehole No.
7
2 / 3

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS Project: PROPOSED ORAN PARK HIGH SCHOOL Location: SOUTH CIRCUIT, ORAN PARK, NSW														
Job No.: 29593V Date: 9/8/16 Plant Type: JK300				Method: SPIRAL AUGER Logged/Checked By: T.C./F.V.				R.L. Surface: ~94.6 m Datum: AHD						
Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel Density	Hand Penetrometer Readings (kPa)	Remarks
	ES	U50	DB	DS										
										SHALE: grey and orange brown, with iron indurated bands.	DW	VL		VERY LOW 'TC' BIT RESISTANCE
						87				REFER TO CORED BOREHOLE LOG				
						88								

CORED BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS
Project: PROPOSED ORAN PARK HIGH SCHOOL
Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V **Core Size:** NMLC **R.L. Surface:** ~94.6 m
Date: 9/8/16 **Inclination:** VERTICAL **Datum:** AHD
Plant Type: JK300 **Bearing:** N/A **Logged/Checked By:** T.C./F.V.

Water Loss/Level	Barrel Lift	RL (m AHD)	Depth (m)	Graphic Log	CORE DESCRIPTION Rock Type, grain characteristics, colour, structure, minor components.	Weathering	Strength	POINT LOAD STRENGTH INDEX $I_p(50)$	DEFECT DETAILS	
									DEFECT SPACING (mm)	DESCRIPTION Type, inclination, thickness, planarity, roughness, coating.
								EL-0.03 VL-0.1 L-0.3 M-1 H-3 VH-10 EH	500	

29593V BH7 START CORING AT 7.42m

7

CORE LOSS: 7.42 - 8.10m = 0.680m

8



9



10



||| END OF BOREHOLE AT 11.0m



Borehole No.
8
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~92.6 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				Field Tests	RL (m
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Borehole No.
9
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~92.6 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES		
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Borehole No.
10
1 / 2

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~92.4 m

Date: 10/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES		
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CORED BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS
Project: PROPOSED ORAN PARK HIGH SCHOOL
Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V **Core Size:** NMLC **R.L. Surface:** ~92.4 m
Date: 10/8/16 **Inclination:** VERTICAL **Datum:** AHD
Plant Type: JK300 **Bearing:** N/A **Logged/Checked By:** T.C./F.V.

Water Loss/Level	Barrel Lift	RL (m AHD)	Depth (m)	Graphic Log	CORE DESCRIPTION Rock Type, grain characteristics, colour, structure, minor components.	Weathering	Strength	POINT LOAD STRENGTH INDEX $I_p(50)$	DEFECT DETAILS	

#29593V BH10 START CORING AT 5.93m

5

6

CORE
LOSS: 0.170m

7

8

9

END OF BOREHOLE AT 8.92m



Borehole No.
11
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~92.1 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				
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Borehole No.
13
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~95.5 m

Date: 11/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES			
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Borehole No.
14
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~97 m

Date: 11/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES	
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Borehole No.
15
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~98 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				
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Borehole No.
16
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~98.1 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES				Field Tests
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Borehole No.
17
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~97 m

Date: 11/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES			
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Borehole No.
18
1 / 1

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS

Project: PROPOSED ORAN PARK HIGH SCHOOL

Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V

Method: SPIRAL AUGER

R.L. Surface: ~96.5 m

Date: 5/8/16

Datum: AHD

Plant Type: JK300

Logged/Checked By: T.C./F.V.

Groundwater Record	SAMPLES			
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Borehole No.
101
1 / 2

BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS
Project: PROPOSED ORAN PARK HIGH SCHOOL
Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V **Method:** SPIRAL AUGER **R.L. Surface:** ~95.5 m
Date: 16/1/17 **Datum:** AHD
Plant Type: JK308 **Logged/Checked By:** K.S./P.S.

Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel Density	Hand Penetrometer Readings (kPa)	Remarks
	ES	U50	DB	DS										

CORED BOREHOLE LOG

Client: WOOLACOTTS CONSULTING ENGINEERS
Project: PROPOSED ORAN PARK HIGH SCHOOL
Location: SOUTH CIRCUIT, ORAN PARK, NSW

Job No.: 29593V **Core Size:** NMLC **R.L. Surface:** ~95.5 m
Date: 16/1/17 **Inclination:** VERTICAL **Datum:** AHD
Plant Type: JK308 **Bearing:** N/A **Logged/Checked By:** K.S./P.S.

Water Loss/Level	Barrel Lift	RL (m AHD)	Depth (m)	Graphic Log	CORE DESCRIPTION Rock Type, grain characteristics, colour, structure, minor components.	Weathering	Strength	POINT LOAD STRENGTH INDEX $I_p(50)$	DEFECT DETAILS	