

AUSTRALIAN ANGLO AMERICAN LIMITED

107

PROSPECT: EL 22/80

AREA: SOUTH ESK

STATE: TASMANIA

Bore no.: E4

Commenced time: 8:00 AM

Date: 20.2.81

Machine: GEMCO 210B

Casing shoe diameter: External 9.0cm
Internal 7.5cm

SHEET 1/7

Off-set: -

Completed time: 4:00 PM

Date: 27.2.81

Foreman/panner: A. JACKSON

Supervisor: S. DOUGLAS

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths cu.m.)		ACTUAL VOLUME			WT. OF MATERIALS (kg)	WT. (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000ths cu.m.)	cum. (1000ths cu.m.)	section vol. rec. (%)		SANDS/GRAVELS			CLAY	actual wt. (g) record	Au (mg) / gms Au (gms) / cum.	metre-gram	cum. metre-gram		prop. wt. (g) per cu. m.
										+10 mm	-10 to +20 #	-20 #							
0-1	1	Brown sands & silt; ochre clays.	F			10.0	10.0		13.4					17.10	0.091 0.028				Cased only.
1-2	1	Ochre-khaki clays	S			9.0	19.0		14.3					15.93	-				Drilled then cased.
2-3	1	Ochre clays with gravels	F			11.0	30.0		21.3					16.77	-				
3-4	1	Sandy gravels of quartz, sandstone dolerite & shale	F			18.0	48.0		32.9					20.11	0.013 0.658				1 colour
4-5	1	" " "	F			16.0	64.0		31.9					18.59	1.376 74.00				2 colours
5-6	1	" " "	F			9.0	73.0		14.3					14.13	0.160 8.82				1 colour
6-7	1	Grey sandy clay with ? coal & wood fragments	M			2.0	75.0		2.5					13.71	-				
7-8	1	Grey clay	S			2.5	77.5		3.0					8.4	-				

AUSTRALIAN ANGLO AMERICAN LIMITED

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PROSPECT: EL 22/80

AREA: SOUTH ESK

STATE: TASMANIA.

Bore no.: E4

Commenced time: _____

Date: _____

Machine: _____

Casing shoe diameter: _____

Off-set: _____

Completed time: _____

Date: _____

Foreman: _____
panner _____

Superior: _____

SHEET 2/7

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 lbs. cu.m.)		ACTUAL VOLUME			WT. OF MATERIALS (Kg)	WT. (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section	cum.	section vol. rec. (%)		SANDS / GRAVELS			CLAY	actual wt (g) record.	P ₂ O ₅ (mg) per P ₂ O ₅ (g)	metre-gram	cum. metre-gram		prop. wt. (g) per cu. m.
										+10 mm	-10 m - 20 #	-20 #							
8-9	1	Grey clay	S			2.0	79.5		3.1					9.00	-				
9-10	1	" "	S			60.0	139.5		74.9					45.07	0.517 11.47				Casing pulled. Traced with large bit. Reamed with new casing shoe. Sample taken after casing 2 colours.
10-11	1	Grey-black sandy clay with coal particles	M			5.0	144.5		9.1					29.32	-				
11-12	1	" " "	M			10.0	154.5		16.1					17.94	-				
12-13	1	Grey-black sandy clay light grey clay with some rock chips.	M			13.0	167.5		22.8					19.57	TR 0.011				
13-14	1	Grey-black sandy clays	M			6.0	173.5		10.5					20.05	-				
14-15	1	" " "	M			9.0	182.5		14.2					25.36	-				

Bottomed / Unbottomed at _____ metres on _____ bedrock.

Average field grade _____ g. per cu. m.

949163

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PROSPECT: EL22/80

AREA: SOUTH EAST

STATE: TASMANIA

Bore no: E4

Commenced time: _____

Date: _____

Machine: _____

Casing shoe diameter: _____

Off-set: _____

Completed time: _____

Date: _____

Foreman partner: _____

Supervisor: _____

SHEET 3/7

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths cu. m.)		ACTUAL VOLUME			WT OF MATERIALS (Kg)	WT (%)				FIELD CONCENTRATE					REMARKS		
				section	cum.	section (1000ths cu. m.)	cum. (1000ths cu. m.)	section vol. rec. (%)		SANDS/GRAVELS			CLAY	actual wt. (g) record.	P ₂ (%) per cu. (m) m. l.	metre-gram	cum. metre-gram	prog. wt. (g) per cu. m.			
										+10 mm	-10 m + 20 #	-20 #									
15-16	1	Grey-black sandy clay	M			9.0	191.5		15.7						19.50	-					
16-17	1	" " "	M			12.0	203.5		19.5						21.32	0.420 19.70					3 colours
17-18	1	Grey sandy clay with coal fragments	M			6.0	209.5		7.3						20.75	-					
18-19	1	" " "	M			4.0	213.5		6.1						19.87	-					
19-20	1	" " "	M			7.0	220.5		5.6						39.12	-					
20-21	1	" " "	M			6.0	226.5		7.2						37.65	-					
21-22	1	" " "	M			11.0	237.5		16.6						38.41	-					
22-23	1	" " "	M			4.0	241.5		5.8						35.96	-					No casing. Drilled only
23-24	1	" " "	M			4.0	245.5		6.4						35.65	-					

PROSPECT: EL 22/80

AREA: SOUTH Esk

STATE: TASMANIA

Bore no.: E4

Commenced time: _____

Date: _____

Machine: _____

Coring shoe diameter: _____

Off-set: _____

Completed time: _____

Date: _____

Foreman:
panner: _____

Supervisor: _____

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths cu.m)		ACTUAL VOLUME			WT OF MATERIALS (Kg)	WT (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000ths cu.m)	cum. (1000ths cu.m)	section vol. rec. (%)		SANDS/GRAVELS			CLAY	actual wt. (g) record.	Au (mg) per Au (ppm) ash	metre-gram	cum. metre-gram		prog. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
24-25	1	Grey-black clayey sands with coal fragments	M			4.0	249.5		5.4					14.2%	-				
25-26	1	" " "	M			6.0	255.5		9.1					18.0%	TR 0.029 1.61				
26-27	1	" " "	M			5.0	260.5		7.3					25.6%	TR 0.008				
27-28	1	" " "	M			4.0	264.5		5.0					18.8%	-				
28-29	1	Grey-black sands with quartz-chips & gravels. Some coal fragments	M			5.0	269.5		8.3					13.3%	TR 0.017				
29-30	1	Pyritic grey-black sands & gravels with coal fragments.	M			11.0	280.5		16.2					24.3%	TR 0.175 7.20				2 colours
30-31	1	" " "	M			8.0	288.5		10.0					25.4%	TR 0.017				

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AREA: SOUTH Esk

STATE: TASMANIA

Bore no: E4

Commenced time: _____

Date: _____

Machine: _____

Casing shoe diameter: _____

Off-set: _____

Completed time: _____

Date: _____

Foreman:
partner: _____

Supervisor: _____

Collar level: _____

SHEET 5/7

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000INS. cu.m.)		ACTUAL VOLUME			WT OF MATERIALS (Kg)	WT (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000ths cu.m.)	cum (1000ths cu.m.)	section vol. rec (%)		SANDS/GRAVELS			CLAY	actual wt. (g) record.	Au (mg) per 100g	metre-gram	cum. metre-gram		prog. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
31-32	1	Coarse sands & gravel with pyrite.	M			8.0	296.5		11.1					32.40					
32-33	1	" " "	M			11.0	307.5		16.4					16.26	0.001				
33-34	1	Coarse sands & gravel with pyrite & coal fragments	M			9.0	316.5		12.2					28.65	0.004				
34.0 - 34.5	0.5	Gravelly sands with some chips; pyrite	M																Sample taken after reaming and coring.
34.5 - 35.5	1	15cm of conglomerate of dolerite quartz and sandstone pebbles in quartz & pyrite matrix; 85cm of peat layers with sand				31.0	347.5		45.9					17.38	0.030				Cored.

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AREA: SOUTH ESK

STATE: TASMANIA.

Bore no: E4

Commenced time: _____

Date: _____

Machine: _____

Casing shoe diameter: _____

SHEET 6/7

Off-set: _____

Completed time: _____

Date: _____

Foreman:
panner: _____

Supervisor: _____

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 lbs. cu.m.)		ACTUAL VOLUME			WT. OF MATERIALS (kg)	WT (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000 lbs. cu.m.)	cum (1000 lbs. cu.m.)	section vol. rec. (%)		SANDS / GRAVELS			CLAY	actual wt. (g) record.	P ₂₅ (mg) (0.075 mm)	metre-gram	cum. metre-gram		prog. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
35.5-36.0	0.5	Grey-black sands with peat fragments	F			15.0	362.5		24.2					21.05	5				
36-37	1	Grey-black clayey sands	F			5.0	367.5		5.6					11.70	0.057 0.577				
37-38	1	" " " "	F			8.0	375.5		9.4					11.87	—				
38-39	1	" " " "	F			6.0	381.5		7.1					14.05	0.004 0.201				
39-40	1	" " " " with gravels.	F			11.0	392.5		13.3					12.35	—				
40-41	1	Grey-black sand & rock chips.	F			15.0	407.5		20.0					21.09	0.019 0.477				
41-42	1	Quartz & sandstone pebbles; gravel and pebble conglomerate in muddy matrix; sandstone & quartz																	CORED

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