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AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80 AREA: SOUTH ESK STATE: TASMANIA

Bore no.: E4-A Commenced time: 12.00 PM Date: 8.4.81 Machine: GEMCO 210B Casing shoe diameter: External: 9.3 cm Internal: 7.0 cm

Off-set: — Completed time: 2.30 PM Date: 14.4.81 Foreman panner: A. JACKSON Supervisor: S. DOUGLAS SHEET 1/5

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 +10 mm.	SANDS/GRAVELS -10 m +20 #	SANDS/GRAVELS -20 #	CLAY	actual wt. (g.) recovd.	Av (my energy) per [illegible]	metre-gram	cum. metre-gram	prog. wt. (g.) per cu. m.	
0-1	1	Brown sands & gravels	F			9.0	9.0		14.3					9.43	—				
1-2	1	Ochre clays	M			10.0	19.0		19.3					3.36	—				
2-3	1	" "	M			5.0	24.0		10.1					9.43	—				
3-4	1	Coarse sands & gravels	F			13.0	37.0		25.7					4.61	—				
4-5	1	" " "	F			15.0	52.0		28.5					7.91	0.290				2 colours
5-6	1	" " "	F			12.0	64.0		21.9					12.23	0.167				2 colours
6-7	1	Coarse sands	F			1.5	65.5		2.6					?	—				
7-8	1	" "	F			1.5	67.0		1.3					8.06	—				
8-9	1	Stiff grey clay with minor gravels	S			4.0	71.0		9.3					9.08	—				
9-10		" " " "	S			4.0	75.0		8.4					18.28	—				

Bottomed / Unbottomed at 34.0 metres on Conglomerate/bedrock

Completed at 80.0 m.

Average field grade _____ g. per cu. m.

9469

117

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80 AREA: SOUTH ESK STATE: TASMANIA

Bore no.: E4-A *Commenced time:* ______ *Date:* ______ *Machine:* ______ *Casing shoe diameter:* ______

Off-set: ______ *Completed time:* ______ *Date:* ______ *Foreman panner:* ______ *Supervisor:* ______ SHEET 2/5

Collar level: ______

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths. cu.m.) section	THEORETICAL VOL. cum	ACTUAL VOLUME section (1000ths. cu.m.)	ACTUAL VOLUME cum (1000ths cu.m.)	ACTUAL VOLUME section vol. rec.(%)	WT OF MATERIALS (Kg.)	WT.(%) SANDS/GRAVELS +10 mm.	WT.(%) SANDS/GRAVELS -10 m +20 #	WT.(%) SANDS/GRAVELS -20 #	WT.(%) CLAY	FIELD CONCENTRATE actual wt.(g) recovd.	FIELD CONCENTRATE Au (mg)	FIELD CONCENTRATE metre-gram	FIELD CONCENTRATE cum. metre-gram	FIELD CONCENTRATE prog. wt.(g) per cu. m.	REMARKS
10-11	1	Grey clay	S			1·5	76·5		2·6					5·56	—				
11-12	1	Sandy clay	M			3·5	80·0		7·1					7·63	—				
12-13	1	Grey sandy clay	M			2·5	82·5		2·9					13·16	—				
13-14	1	" " "	M			3·0	85·5		4·0					8·24	—				
14-15	1	" " "	M			3·0	88·5		4·6					8·52	—				
15-16	1	Grey sandy clay with coal fragments	M			2·0	90·5		9·3					8·36	—				
16-17	1	Grey-brown sandy clay with coal fragments	M			4·0	94·5		16·3					26·76	0·002				
17-18	1	" " "	M			8·0	102·5		18·6					8·46	—				
18-19	1	" " "	M			5·0	107·5		11·3					7·16	0·003				

Bottomed / Unbottomed at ______ *metres on* ______ *bedrock*

Average field grade ______ *g. per cu. m.*

AUSTRALIAN ANGLO AMERICAN LIMITED

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PROSPECT: EL22/80 AREA: South Esk STATE: Tasmania

Bore no.: E4-A Commenced time: ______ Date: ______ Machine: ______ Casing shoe diameter: ______

Off-set: ______ Completed time: ______ Date: ______ Foreman panner: ______ Supervisor: ______ SHEET 3/5

Collar level: ______

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths. cu.m.) section	THEORETICAL VOL. cum.	ACTUAL VOLUME section (1000ths. cu.m.)	ACTUAL VOLUME cum (1000ths cu.m.)	ACTUAL VOLUME section vol rec. (%)	WT OF MATERIALS (Kg.)	WT. (%) SANDS/GRAVELS +10 mm.	WT. (%) SANDS/GRAVELS -10 m +20 #	WT. (%) SANDS/GRAVELS -20 #	WT. (%) CLAY	FIELD CONCENTRATE actual wt. (g.) recovd.	FIELD CONCENTRATE Au (mg) per [illegible]	FIELD CONCENTRATE metre-gram	FIELD CONCENTRATE cum. metre-gram	FIELD CONCENTRATE prog. wt. (g.) per cu. m.	REMARKS
19-20	1	Gravelly sands with coal fragments.	F			6.0	113.5		11.3					7.35	—				
20-21	1	" " " "	F			9.0	122.5		14.8					15.01	—				
21-22	1	Sandy gravels with coal fragments	F			6.0	128.5		10.7					10.60	—				
22-23	1	" " " "	F			7.5	136.0		12.2					12.36	—				
23-24	1	" " " "	F			11.5	147.5		18.7					29.66	—				
24-25	1	Sand with coal fragments	F			12.5	160.0		19.4					12.16	—				
25-26	1	" " " "	F			14.5	174.5		23.9					28.69	0.003				
26-27	1	Gravelly sand with coal fragments	F			13.0	187.5		23.9					12.87	—				

Bottomed / Unbottomed at ______ metres on ______ bedrock

Average field grade ______ g. per cu. m.

371046

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80 AREA: South Esk STATE: Tasmania

Bore no.: E4 - A
Commenced time: ______ Date: ______ Machine: ______ Casing shoe diameter: ______
Off-set: ______ Completed time: ______ Date: ______ Foreman, panner: ______ Supervisor: ______ SHEET 4/5
Collar level: ______

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 ths. 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 +10 mm.	-10 m +20 #	-20 #	CLAY	actual wt.(g) recovd.	Au(mg) per	metre-gram	cum. metre-gram	prog. wt.(g) per cu. m.	
27-28	1	Gravelly sand with coal fragments	F			10.5	198.0		18.5					44.14	—				
28-29	1	Coarse sand with coal fragments	F			18.0	216.0		24.7					14.54	—				
29-30	1	" " " "	F			6.0	222.0		10.0					30.04	—				
30-31	1	Gravelly sands with coal fragments	F			12.0	234.0		21.5					13.31	—				
31-32	1	" " "	F			9.0	243.0		15.5					6.03	—				
32-33	1	" " "	F			16.5	259.5		27.3					19.24	—				
33-34	1	" " "	F			9.0	268.5		18.2					10.51	0.011				
34-35	1	Rock chips & coal fragments				7.0	275.5		14.7					12.61	—				

Bottomed / Unbottomed at ______ metres on ______ bedrock

Average field grade ______ g. per cu. m.

940174

120

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80 AREA: South Esk STATE: Tasmania

Bore no: EL4-A Commenced time: ____ Date: ____ Machine: ____ Casing shoe diameter: ____

Off-set: ____ Completed time: ____ Date: ____ Foreman panner: ____ Supervisor: ____

Collar level: ____

SHEET 5/5

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL (1000 lns cu m.) section	THEORETICAL VOL (1000 lns cu m.) cum	ACTUAL VOLUME section (1000 lns cu m)	ACTUAL VOLUME cum (1000 lns cu m.)	ACTUAL VOLUME section vol rec.(%)	WT OF MATERIALS (Kg.)	WT.(%) SANDS/GRAVELS +10 mm	WT.(%) SANDS/GRAVELS -10 m +20 #	WT.(%) SANDS/GRAVELS -20 #	WT.(%) CLAY	FIELD CONCENTRATE actual wt. (g.) recovd	FIELD CONCENTRATE Au (mg) per assay	FIELD CONCENTRATE metre-gram	FIELD CONCENTRATE cum metre-gram	FIELD CONCENTRATE prog wt. (g.) per cu. m.	REMARKS
35-		Conglomerate of large													—				CORED
48.5		quartz, sandstone & shale																	
		pebbles & cobbles in fine matrix;																	
		pyrite & coal fragments																	
		present; interspersed with																	
		sections of coarse sand																	
		& clay.																	
48.5		? Dolerite in							17.6					14.74	0.019				
50		altered/weathered grey-green																	
		material																	
35.47									248.9					35.46	—				
		EOH Silts							10.4					4.77	—				

Bottomed / Unbottomed at ____ metres on ____ bedrock

Average field grade ____ g per cu m