001

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80 AREA: SOUTH ESK STATE: TASMANIA SHEET 1/4

Bore no.: A1 Commenced time: 9.30 AM Date: 17-1-81 Machine: CEMCO 210B Casing shoe diameter: EXT. 9.0 INT. 7.5

Off-set: — Completed time: 12.30 PM Date: 19-1-81 Foreman, panner: A. JACKSON Supervisor: S. DOUGLAS

Collar level: _____

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 lbs. cu.m.) section	THEORETICAL VOL. (1000 lbs. cu.m.) cum.	ACTUAL VOLUME section (1000 lbs. cu.m.)	ACTUAL VOLUME cum. (1000 lbs. 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) contained per cu. m. (ppm)	FIELD CONCENTRATE metre-gram	FIELD CONCENTRATE cum. metre-gram	FIELD CONCENTRATE prog. wt. (g) per cu. m.	REMARKS
0-1	1m	Brown muddy gravels to ~ 0.4 m then ochre sandy gravels incl. quartz, felspar & sandstone				6.0	6.0		11.6					44.9					Cased only. All material flushed through casing
1-2	1m	Ochre sandy gravels with some mud. The gravels consist of quartz slate & sandstone				7.0	13.0		14.0					30.5	—				Cased only
2-3	1	Ochre sandy gravels with quartz & sandstone chips.				5.0	18.0		7.8					35.2					Treated then cased
3-4	1	" "				5.5			12.8					48.1					Water loss at ~ 3.5m ? old water course.
4-5		Khaki clayey sands				7.0			11.7					35.4	—				
5-6		Khaki clayey sands & silt.				4.5			6.6					26.8					Treated then cased

Bottomed / Unbottomed at 19.0 metres on Hutchinite bedrock

Average field grade _____ g. per cu. m.

002

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: E.L. 22/80 AREA: SOUTHESK STATE: TASMANIA

Bore no.: A1 *Commenced time:* ______ *Date:* ______ *Machine:* ______ *Casing 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.) 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.	Au (mg) per Au (ppm)	metre-gram	cum. metre-gram	prog. wt. (g) per cu. m.	REMARKS
6-7	1	Pale ochre clay then brown quartz rich sands & silts				5.0			9.6					51.4	0.233 / 4.54				Triconed then cased.
7-8	1	Grey brown muddy sands				7.0			13.5					45.9	} 0.503 / 4.28 (7-10 m)				
8-9	1	Grey brown sandy mud.				6.0			10.4					36.9					
9-10		Grey brown sandy mud				7.0			12.5					34.8					
10-11		Grey clay, black clayey sand. Some quartz chips at ~10.8 m.				5.0			9.8					45.0	} (10-12 m)				
11-12		Quartz & black shale chips with grey clay & black sand				6.0			11.2					39.3					Cored 11.0-11.5 but no recovery. Then ~~[illegible]~~ Triconed & cased

Bottomed / Unbottomed at 19.0 *metres on* Mathinna Shale *bedrock.*

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

003

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: E.L. 22/80 AREA: South Esk STATE: TASMANIA

Bore no.: A1 *Commenced time:* ______ *Date:* ______ *Machine:* ______ *Casing shoe diameter:* ______

Off-set: ______ *Completed time:* ______ *Date:* ______ *Foreman panner:* ______ *Supervisor:* ______

Collar level: ______

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 ths. 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) / Au (ppm)	FIELD CONCENTRATE metre-gram	FIELD CONCENTRATE cum. metre-gram	FIELD CONCENTRATE prog. wt. (g) per cu. m.	REMARKS
12-13.	1	Small shale & quartz chips. Some quartz gravel & grey clay				12.0			24.0					58.5	0.056 / 0.305 (bracketed with 13-14)				
13-14.	1	" " "				4.0			8.5					40.4					
14-15	1	Some small shale chips. Predominantly grey clay.				6.0			11.5					40.3	0.080 / 0.592 (bracketed with 15-16, 16-17)				
15-16	1	Predominantly grey clay with quartz chips				7.0			12.2					52.0					
16-17		Grey clayey silts				6.0			11.9					43.0					
17-18		4-5 cm of quartz chips then grey clay, 2-3 cm quartz chips				8.0			15.0					33.2					

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

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

80050946

004

AUSTRALIAN ANGLO AMERICAN LIMITED

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

Bore no.: A1	*Commenced time:*	*Date:*	*Machine:*	*Casing 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 +10 mm	-10 m +20 #	-20 #	CLAY	actual wt. (g.) recovd.	Au (mg) / Au (ppm)	metre-gram	cum. metre-gram	prog. wt. (g.) per cu. m.	
17-18 (cont)		grey clay & sand. At ~17.9m. - fine quartz chips & black shale chips													0·152 245				
18-18.5		Black shale & quartz chips				3.5			6.5					28·7					Trenched, not cased.
18.5-19.0		Grey clay & quartz with weathered grey green shales							2·0										Cored. Poor recovery - mainly clay.
EOH.		Silts & clays.				4.5			8.5					28·8	0·619 21·42				Recovered from sediment tank overflow.

Bottomed/Unbottomed at 19·0 *metres on* Shale *bedrock*

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

69046