



URS	BORE	ORE COMPLETION REPORT			BOREHOLE:	BOREHOLE: MAC3P						
URS Australia Pty I	PROJECT NAME: MRM EIS Groundwater modelling											
20 Terrace Rd, Eas			211639		PROJECT NUM	IBER:	42905628	_				
DRILLING CO: DRILL METHOD		0 Drilling ade			CLIENT: LOCATION:		Xstrata Pl	₋C River Mine				
TOTAL DRILLE		31.5m		OPEN INTERVA		20.35 - 20		R.L OF COLL	AR:	32.93	mA	HD)
TOTAL CASED DEPTH: 26.5m STATIC WAT					R LEVEL (mbgs): 11.37m COORDINAT			TES: 617105.21				
CASING DIAMETER: 147mm				DATE OF MEAS				DATUM		8181502.23 AMG Zone 53		
SCREEN DIAME	IEK:	0.8mm		PUMPING TEST FINAL SALINITY		48 nrs@: 720 mg/L	393kL/day	DATUM:		AMG	Zone	3 53
START DATE: 1	0/11/04	FINISH	DATE	:11/1104		GGED BY						
		DODE	<u>~</u>	(E)					z	Q		T
	СО	BORE NSTRUCTION	LITHOLOGY	DEРТН (m)					FORMATION	AIRLIFT YIELD (L/sec)	т	FIELD EC
CONOTION		루		DES	DESCRIPTION				AIRI	표	ELD (,,,	
			<u>E</u>						 E	X		=
												Ī
Lockable cap				0.0						-		
Cement grout 218mm OD Steel			-/-/	- C	LAY: Brown, brittle, s	andy.						
Surface Casing (-0.55 - 2.5m)	Щ		:::::` -\-\		LAY AND SAND: Brown, medium quartz sand, angular.							
			-\-	-	LAY AND SAND: Da	rk grev, stiff	gravelly, angul	ar.				
			-72-7	-		8,,	8					
Bentonite pellets				-5.0 —								
			-1.5		CLAY AND SAND: Grey, fine quartz sand, loose, interbedded with stiff clay.				_			
				- s								
			-\									
					LAY AND SAND: Grey to brown, plastic.							
PVC Casing (-0.49 - 20.35m)		y	-7/-7	-10.0								
			-72-7									
			÷		ILT: Brown, clay interl	pedded with s	sand, some grav	el, sub-angular	Alluvium			
					moderately rounded.				Allu			
			<u> </u>	-15.0 -								
Gravel Pack			<u> </u>	-13.0								
			<u>: </u>	<u>-</u>								
			<u>:</u>	<u>-</u>								
			<u> </u>	<u>-</u>								
			<u>:</u> : : :	-20.0								
			· —									
					RAVEL AND SAND: oulders 21, 23 and 24m			y sorted, large				
S/S Screen (0.8mn	.		076		,	,				1.5 - 2		1729
aperture) (20.35 - 26.5m)	.		0.9.5	5								_
,				-25.0								
			-0:0::-									
	<u> </u>				OLOMITE: Yellow br ands/gravels, clayey, ha			ver				
				<u> </u>	HALE/OLAVORONE	Doul	volla t	intonho 44- 1	ylomita			
Fallback			_/_/		HALE/CLAYSTONE: Dark grey to yellow brown, interbedded nale and weathered bedrock.				Cooley Dolomite			
				-30.0 - D	OLOMITE: Yellow br	own, minor h	ands of hard de	olomite.	Coo			
				1 -		,				-		
DRAWN BY: C	 E	DATE: 1	7/12/0	4						Do	ne 1	of 1
CHECKED BYG	DD	DATE: 2	2/12/0	4						Pa	ge 1	OF T







