

5 cm

WHITWATER CREEK

4404 D
770

	COLUMN	LITHOLOGY	MARKER HORIZON	CONTROL	FORMATION AND AGE
EAST C/L N - S FAULT	R	15m Deeply weathered. 7m Quartz sandstone and micaceous mudstone.		Bulldozer cut trenches and 11a.	LOWER TRIASSIC
	Pf	30m Mottled siltstone and sandy siltstone.			FERNTREE FORMATION
		6m Fine grey poorly sorted sandstone.	Risdon Sandstone.		
		75m Fossil location 10 Fauna IV Coarsely bedded mottled siltstone. Sandy siltstone and silty sandstone, well jointed - mainly unfossiliferous. One fossil band south of centre line, and two thin yellow siltstone bands with fenestellids near base.		Outcrop centre line drilling trench and grout cell and drilling.	
WEST C/L N - S FAULT	F	30m Shattered creamy fossiliferous siltstone and sandy siltstone.	'Grange' Lithology.	Drilling 8, 15 and bulldozer cut.	MALBINA FORMATION
	Pm	20m Fossil location 2 Fauna III Light grey sandy siltstone underlain by cream fossiliferous siltstone and muddy siltstone.	'Grange' Lithology.	continuous outcrop	
INFERRED STRATIGRAPHIC FAULT		12m Fossil location 3 Fauna II Hard grey fossiliferous siltstone.		outcrop	
RESERVOIR AREA NW - SE FAULT	Pm	Well bedded dark grey siltstone and sandy siltstone. 120m Sediments hard and baked and jointed. No fossils found in stream section, but are located in sandy siltstone block capping isolated hill to the north.		poor but almost continuous outcrop in the creek bed.	
	F	9m <i>Fenestella</i> rich creamy mudstone.	'Grange' Lithology	outcrop	
	Jdl	60m+ Quarry sill, dolerite - fine grained and unjointed.		outcrops in stream and quarry drill hole.	JURASSIC
PARKS HILL SADDLE AREA N - S FAULT	F	90m Bedded grey siltstone sediments well baked and hard.		outcrops in two upper headwater tributaries of Whitewater Creek.	PERMIAN
	Jdl	15m Thin sill or pod of dolerite.			JURASSIC
N - S DISCORDANT AND FAULTED CONTACT PARKS HILL TO PICKET HILL	F	30m Light grey silty sandstone, with one horizon of white creamy siltstone - fossiliferous horizon.	'Grange' Lithology	Isolated outcrops in tributaries and on the tracks.	PERMIAN
	Jdl	60 to 120m approx. Parks Hill dolerite sill often coarsely crystalline.			JURASSIC
	Pm	45m+ Light grey bedded siltstone and silty sandstone.		No outcrop soil type and boulders.	PERMIAN

Figure 4

TASMANIA, DEPARTMENT OF MINES

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