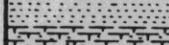
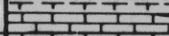
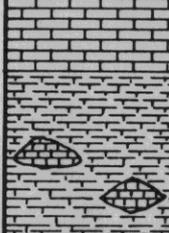
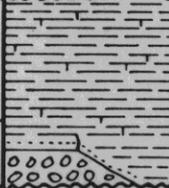
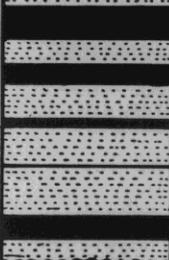
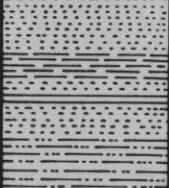
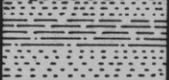
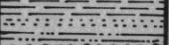


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TO ACCOMPANY : FINAL REPORT, OFFSHORE GIPPSLAND BASIN  
MARINE SEISMIC SURVEY, EC-67 MAY 1968

FIGURE 3

AGE	FORMATION	GRAPHIC	FLUIDS	LITHOLOGIC DESCRIPTION	
Quaternary				Sand - Silt and Clay	Non-marine
U. Pliocene	Haunted Hill Gravels		Fresh water	Gravel - Sand and Clay	Non-marine
L. Pliocene	Jemmy Point Fm.		Fresh water (Artesian)	Friable fossiliferous sandstone, sandy marl with bryozoa	Marine
U. Miocene	Tambo River Fm.			Interbeds marl and limestone, fossiliferous	Marine
Miocene	Gippsland Fm.		Rarely porous Local ss Dev. in EGS I & II - Saltwater	Soft, calcareous marl, and shale - with occ. streaks lt. grey, micritic, foss. ls. SS. White, fine-medium grained, with good porosity and permeability	Marine
Oligocene	Lakes Entrance Fm. Glaucinitic member Colquhoun Gravel member		♦ Fresh water	Soft, calcareous shale and marl Glaucinitic member - very shaly, very glauconitic sandstone with local pockets of Colquhoun Gravel - present along northeast rim of basin, conglomerate and sandstone with good porosity & perm. Changes facies to southeast to calcareous marl and shale	Marine
Eocene	Latrobe Valley Fm.		Fresh water 500 ppm to salt water (48,000 ppm)	Interbedded sandstone, coal and shale Sandstone, quartzose, very fine to medium to coarse, poorly sorted to well sorted, sub-rounded to sub-angular, friable, carbonaceous. Coal - brown to black Shale - brown to grey, micaceous and carbonaceous	Non-marine
Paleocene- Upper Cret- aceous Undiff.	Unnamed		☼ Salt water 50,000 ppm	Interbedded sandstone, shale, coal and siltstone Sandstones, quartzose, fn. to medium to coarse, sub-rounded to sub-angular, well sorted to poorly sorted, carbonaceous, micaceous, cemented with white clay material Siltstones - are argillaceous, carbonaceous, and micaceous Shale - medium to brown, carbonaceous, micaceous Coal - black with conchoidal to sub-conchoidal fracture	Non-marine
Lower Cret. & Jurassic	Strzelecki Group		☼ Salt water 18,000 ppm	Over 8,400' greywacke, feldspathic sandstone, siltstone, carbonaceous shales, black coal and fossil plants, dips to 30° common	Non-marine
Permian				Sandstone very fine to fine, friable to poorly indurated with white clay cement. Shale - dark brown to medium grey. Basaltic volcanics. - Present in Duck Bay-1 only	Non-marine ?
Lower Carbon. to Upper Dev.	Avon River Group			Redbeds, sandstone, conglomerate, siltstone & shale (present in one well) (S.W. Bairnsdale)	Non-marine
Basement					