

Sw = water saturation
 Rmix = resistivity of the formation water (a function of free and bound water resistivities)
 Rwf = free water resistivity
 Rwb = bound water resistivity
 Rt = true resistivity
 Phi = total porosity
 M = 2.0
 A = .81

LOG ANALYSIS

The following zones along with other input parameters are listed below in Table No. 1.

Table No. 1 (Pelican No. 5, Tasmania)

Zone Parameters

Zone	Depth	Formation	RWF	NACL-PPM	RMF	T(Degrees F)
A	2465-2525	Eastern View	.094	30,000	.316	178
B	2525-2590	-	.092	30,000	.311	181
C	2590-2692	-	.091	30,000	.306	184
D	2692-2785	-	.088	30,000	.299	189
E	2785-2850	-	.086	30,000	.292	193
F	2850-2980	-	.085	30,000	.288	197
G	2980-3647	-	.070	30,000	.144	246

Table No. 1

DEFINITION OF TERMS

RWF = Resistivity of the free formation fluid
 NACL-PPM = Salinity of RWF in parts per million
 RMF = Resistivity of mud filtrate
 T(Degrees F) = Temperature for RWF and RMF

Shale log parameters used in processing are shown in Table 2.

Table No. 2 (Pelican No. 5, Tasmania)

Shale Parameters