

Mineral Parameter Selection

	GR (API)	Rhob (gm/cc)	PhiN (%)	Uma ---	DT (usec/f)	Rt (Ohmm)	Rxo (Ohmm)	
Sandstone	14.00	2.65	-	4.78	56.00	-	-	
Siltstone	70.00	2.72	10.00	12.00	60.00	-	-	
Dolomite	0.00	2.87	-	9.00	43.50	-	-	
Siderite	0.00	3.89	12.00	57.14	47.00	-	-	
Carb.Mat'l.	0.00	1.19	50.00	0.24	160.00	-	-	
Clay 1			(See following table)					
Clay 2	300.00	2.61	36.00	3.89	200.00	-	-	

Clay 1 Parameters

Depths (meters)	GR (API)	Rhob (gm/cc)	PhiN (%)	Uma ---	DT (usec/f)	Rt (Ohmm)	Rxo (Ohmm)	
1547-1617	95.40	2.33	32.00	9.00	98.00	1.00	3.00	
1617-1740	85.00	2.38	29.30	6.93	94.34	1.20	5.00	
1740-1775	95.40	2.38	29.30	6.93	105.00	4.00	4.00	
1775-1875	100.00	2.38	29.30	6.93	94.34	1.20	5.00	
1875-1912	95.40	2.38	29.30	6.93	94.34	1.20	5.00	
1912-2208	95.40	2.38	29.30	6.93	94.34	2.70	6.00	
2208-2272			(Dolerite Sill)					
2272-2705	95.40	2.43	29.30	6.93	94.34	2.70	6.00	

Density of Dry Clay = 3.003 gm/cc