

Summary of Down Hole Geophysics

From	To	Gamma (API)	Density (g/cc)	Res(64N) (ohmm)	Res(MG) (ohmm)	Velocity (m/s)	Magnetic Susceptibility (x10 ⁻³ si)	Lithology	Comments
Average									
0	163	197.62	2.54	298.34	811.34	4747.93	0.63	McKay Sandstone	Medium gamma which is generally conductive with resistive zones.
48	52	1081.73	2.57	239.89	1225.36	4489.23	0.72	Small Basaltic Sill	High gamma which is conductive with no change in magnetics.
163	527	34.73	2.51	1572.68	4016.92	4748.57	0.45	Kombolgie Sandstone	Low gamma resistive unit.
527	541	219.39	2.65	197.14	223.92	4812.84	0.57	Gilruth Volcanic	Increased gamma, magnetics and density with low resistivity.
541	763	43.55	2.52	1841.40	4915.24	4510.90	0.06	Kombolgie Sandstone	Low gamma resistive unit. Gamma variation show inverse correlation with resistivity.
763	992	139.26	2.73	451.94	886.71	5368.75	1.15	Nungbalgarri Volcanic	Increased magnetics and density with medium gamma. Generally conductive with resistive zones. Magnetic variations also apparent.
992	1013	47.66	2.53		13993.93	4647.39	-0.22	Mamadawerre Sandstone	Same as Kombolgie sandstone.
1013	< 1060	49.83	2.95		7384.37	6742.96	8.44	Oenpelli Dolerite	Highly magnetic and resistive with increased density and low gamma.