

### SUMMARY DATA – KOOLOONONG PIT



Depth cm	pH <sub>Ca</sub>	Avg PR	MinN (mg/kg)	MinN kg/ha	CoIP	PBI	DGT P	Ex.K	S	Clay%	OC%	CEC	Ex Na %	Ex Mg %	Ex. Al
0-10	4.45	403	3.6	5	30	22	115	75	<2.5	4	0.32	2.39	0.5	22	5.5
10-30	5.07	1815/ 3550/ 4057	1	3	8	18	17	79	<2.5	5.6	0.13	3.05	0.4	22	0
30-70	7.76 (8.5)	3614/ 3039/ 2694	1	6	<5	22	<4	97	<2.5	9	0.1	11	0.2	11	0
70-90	8.03 (8.7)		3.2	10	<5	86	<4	90	<2.8	13	0.17	26.4	0.2	10	0
90-120	8.13 (8.8)		4.1	18 =42	<5	202	<4	55	<4.3	7	0.2	25.7	0.2	12	0

- Repellence - Not repellent (MED = 0 in top 10cm)
- pH extremes - Acidic to 15cm; severely alkaline at depth. Al >5% in the 0-10
- Soil strength - Severe > 20cm
- Very low organic carbon %
- Nutrients - Sufficient P, K and Zn (0.86)
- Nutrients - Marginal Cu (0.2)
- Nutrients - Deficient in S
- Subsoil hostilities – severely alkaline; Very high exchangeable magnesium – set hard?

