

Table 4.3 Densities of block samples of unaltered, weakly and strongly supergene altered manganese ore.

Zone	Unaltered			Weakly altered			Strongly altered				
	Rex16	Rex44	Rex85	Rex70	Rex71	Rex74	Rex2	Rex24	Rex16	Rex71	Rex74
V		3.46									
W		3.59									
X1		3.42							2.38		2.05
X2	3.16	3.71									2.67
X3	3.76	3.57				2.80					
Y	3.45	3.50	3.26	3.29		2.50					2.94
Z	3.75	3.64	3.62	3.61		2.93					3.60
M	3.78	3.66	3.68	3.49	3.48	3.10	3.11				
C	3.54	3.66	3.58		3.27	2.85	3.10	2.99			
N	3.58	3.60	3.67		3.48		3.06	2.97			
B	3.54	3.51	3.60		3.41		2.85	2.87			
L	3.52	3.59	3.50		3.27		3.10	3.22			

Note: Relative densities are in g/cm<sup>3</sup>

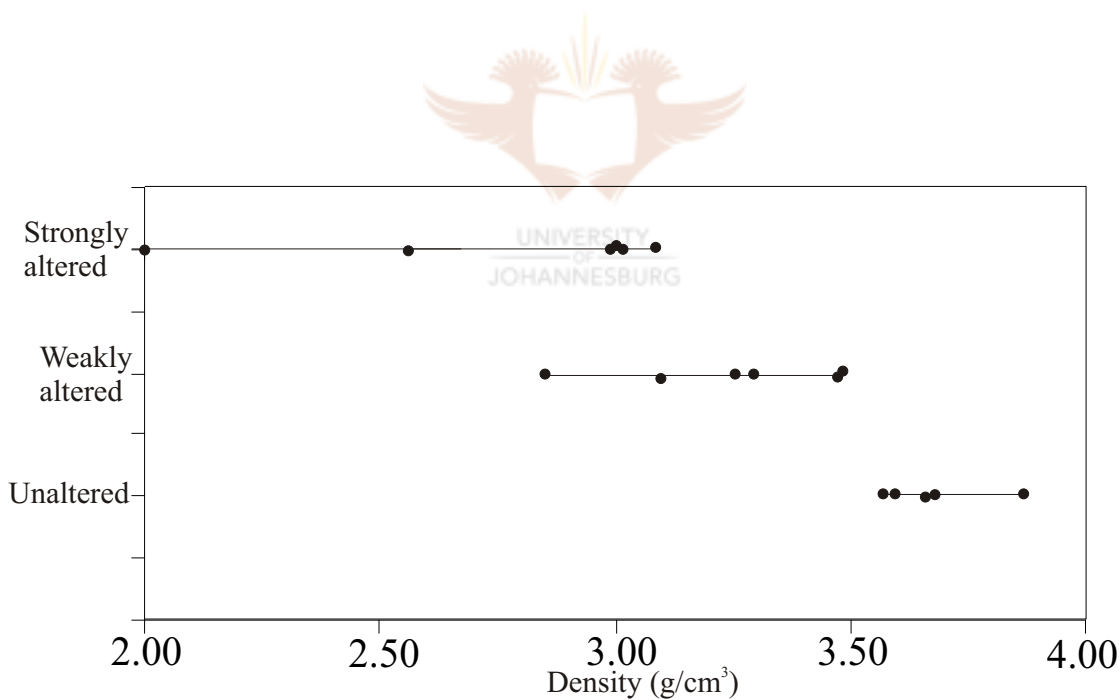


Fig. 4.8 Plot illustrating the range of whole rock densities determined for unaltered, weakly and strongly supergene altered braunite lutite. It is important to note that densities observed within each lithostratigraphic zones are rather consistent but that values may vary considerably between different litho-stratigraphic zones and between drill cores.