

MINERAL HOLDINGS AUSTRALIA PTY., LIMITED

ALLUVIAL LITHOLOGIC AND SAMPLING LOG

PROJECT: Wanex Area				GEOLOGY: D. Duncan		DATE: 4th June 2001			
PIT NO	INTERSECTION			LITHOLOGY	LITHOLOGIC LOG	SAMPLE NUMBER	SAMPLE INTERVAL m	SAMPLE VOLUME LCM	SAMPLE DESCRIPTION
	FROM m	TO m	INT m						
WAX PIT NO 1	0	1.0	1.0		Grey sand, top 20 cm black humic soil and quartzite	W 111	4.0 to 5.4	1.80	Brown, indurated conglomerate with dark to black metasediment clasts, rounded, some cleaved and flakey; some quartzite to 5 cm; and larger altered green dolerite cobbles to 10 cm.
	1.0	2.5	1.5		Brown sandy clay				
	2.5	4.0	1.5		Green clay, dolerite derived				
	4.0	5.4	1.4		Brown indurated wash				
	5.4	6.4	1.0		Angular, metasediments - basement ?				
	6.4				Angular, metasediments - basement ?				
WAX PIT NO 2	0	0.5	0.5		Grey sand with hard pan at base	W 112	7.2 to 8.3	1.80	Brown indurated conglomerate, dolerite clasts rounded and blocky to 20 cm.
	0.5	2.0	1.5		Brown plastic clay				
	2.0	5.0	3.0		Mottled clay with possible rock fragments				
	5.0	7.2	2.2		Grey clay				
	7.2	8.3	1.1		Brown indurated wash				
	8.3				Metasediment blocks, basement ?				
WAX PIT NO 3	0	0.5	0.5		Grey, wind blown sand	W 113	3.0 to 4.3	1.80	Coarse, bouldery, yellow to white wash; rounded metasediment boulders to 30 cm; finer dark quartzite pebbles and quartz clasts and definite silcrete cobbles in mg yellow clayey matrix
	0.5	3.0	2.5		Grey sandy clay				
	3.0	4.3	1.3		Pebbly wash				
	4.3	7.0	2.7		Reddish oxidised material				
	7.0	8.8	1.8		Brown, ferruginous gritty fractured material - Tertiary ? Hard, unable to penetrate				
	8.8				Machine unable to penetrate hard zone below 8.8 m				
WAX PIT NO 4	0	0.5	0.5		Grey sand with hard pan at base	Not Sampled			
	0.5	6.5	6.0		Grey to brown clay, various textures				
	6.5				Possible basement, very hard layer				