

Sample Number	PIMA dsp	Utme	Utmn	Formation	Mapinfo_Rock_Code	Description of sample	Sample_Category	TSA_A_SNR
LP04C10001	LP04C1A0001	389417	8569941	Marlgowa Sandstone	-Phl	v. cse grained sandstone - grainedanulestone	SANDSTONE	1820
LP04C20001	LP04C2A0001	389417	8569941	Marlgowa Sandstone	-Phl	v. cse grained sandstone - grainedanulestone	SANDSTONE	1684
LP04C10003	LP04C1A0003	388127	8571548	Marlgowa Sandstone	-Phl	creamy colored cse grained sandstone	SANDSTONE	1718
LP04C10004	LP04C1A0004	388122	8571507	Marlgowa Sandstone	-Phl	weathered grainedanulestone	SANDSTONE	1839
LP04C10005	LP04C1A0005	386420	8570137	Marlgowa Sandstone	-Phl, Phlf	foliated yellowy-brown clay rich rock; possibly volcanic material	VOLC	1580
LP04C10006	LP04C1A0006	388140	8574594	Marlgowa Sandstone	-Phl, Phlf	nodular laterite containing clasts of sandstone up to 10 cm and fe-rich nodules, cement is qtz-grainedain rich	LATERITIC	1251
LP04C20006	LP04C2A0006	388140	8574594	Marlgowa Sandstone	-Phl, Phlf	cse grained sandstone, whitish, flat lying	LATERITIC	2109
LP04C20007	LP04C2A0007	387301	8577014	Marlgowa Sandstone	-Phl, Phlf	grainedanule stone, pervasively weathered	SANDSTONE	2483
LP04C30007	LP04C3A0007	387301	8577014	Marlgowa Sandstone	-Phl, Phlf	foliated ?volcanic rock, ferruginised	VOLC	1708
LP04C40007	LP04C4A0007	387301	8577014	Marlgowa Sandstone	-Phl, Phlf	pebble stone	SANDSTONE	2256
LP04C10007	LP04C1A0007	387301	8577014	Marlgowa Sandstone	-Phl, Phlf	cse grained sandstone	SANDSTONE	1631
LP04C10008	LP04C1A0008	346222	8563294	Gumarrirnbang Sandstone; G	-Phr, -Phrg	medium grained sandstone	SANDSTONE	1551
LP04C10009	LP04C1A0009	351188	8559802	Marlgowa Sandstone	-Phl	medium grained, creamy colored sandstone	SANDSTONE	3116
LP04C20010	LP04C2A0010	348142	8565392	Gumarrirnbang Sandstone; G	-Phr, -Phrg	medium grained sandstone	SANDSTONE	1014
LP04C10011	LP04C1A0011	348471	8564753	Gumarrirnbang Sandstone	-Phr	pebblestone, up to 2 cm qtz pebbles	SANDSTONE	1876
LP04C10012	LP04C1A0012	352637	8563980	Marlgowa Sandstone	-Phl	fine grained sandstone	SANDSTONE	2447
LP04C10013	LP04C1A0013	364671	8576009	Marlgowa Sandstone	-Phl	grainedanulestone	SANDSTONE	2835
LP04C10014	LP04C1A0014	358514	8564160	Marlgowa Sandstone	-Phl	coarse grained sandstone, strongly liminotised	SANDSTONE	2063
LP04C10015	LP04C1A0015	350881	8584860	Marlgowa Sandstone	-Phl	cse grained sandstone	SANDSTONE	2898
LP04C10016	LP04C1A0016	361042	8582941	Marlgowa Sandstone	-Phl	creamy white grainedanulestone, pinkish hem staining	SANDSTONE	2769

Sample Number	TSA Mineral1	TSA Weight1	TSA Mineral2	TSA Weight2	TSA Error	Cust_Sample	CustScore	Kaol_XT	AIOH_XT	Fe2+	Wave_ALOH	Depth_ALOH	Depth_Water	Paragonite_Feat
LP04C10001	Kaolinite	0.658	Muscovite	0.342	66.635	Dickite_Sericite_02	0.991	1.021	2.153	1.104	2205.26	0.155	0.0719	
LP04C20001	Kaolinite	0.584	Illite	0.416	67.406	Sericite_12	0.991	1.009	1.897	0.787	2204.46	0.127	0.0669	
LP04C10003	Kaolinite	1	NULL		49.216	Sericite_Dickite_03	0.992	1.051	2.911	0.881	2206.03	0.199	0.0684	
LP04C10004	Kaolinite	1	NULL		116.385	Sericite_Kaolinite_05	0.99	1.019	1.543	0.832	2205.736	0.111	0.0722	
LP04C10005	Kaolinite	1	NULL		142.75	Sericite_Dickite_Carbonate	0.993	1.042	2.689	1.271	2206.529	0.157	0.0585	
LP04C10006	Kaolinite	1	NULL		213.218	Kaolinite_Sericite_07	0.995	1.015	2.083	1.498	2206.507	0.0785	0.0377	
LP04C20006	Kaolinite	1	NULL		89.901	Dickite_Pyrophyllite_04	0.987	1.045	4.741	1.175	2206.042	0.17	0.0358	
LP04C20007	Kaolinite	0.778	Muscovite	0.222	54.536	Sericite_Kaolinite_08	0.995	1.029	2.448	0.835	2204.601	0.191	0.078	
LP04C30007	Kaolinite	1	NULL		62.411	Sericite_Kaolinite_Carbonate_08	0.994	1.044	1.37	1.219	2205.515	0.257	0.188	
LP04C40007	Kaolinite	0.64	Muscovite	0.36	64.753	Sericite_01	0.992	1.028	2.284	1.275	2206.048	0.125	0.0548	
LP04C10007	NULL		NULL		-1	Dolomite_10	0.992	1.013	0.805	2.261	2206.523	0.0272	0.0338	
LP04C10008	Muscovite	1	NULL		43.129	Sericite_Pyrophyllite_02	0.988	1.016	0.776	2.231	2199.948	0.0568	0.0731	
LP04C10009	Muscovite	0.554	Kaolinite	0.446	140.493	Sericite_Kaolinite_01	0.991	1.008	1.359	1.277	2204.961	0.0864	0.0636	
LP04C20010	Muscovite	1	NULL		27.036	Dolomite_10	0.99	1.016	0.831	2.331	2202.873	0.0589	0.0708	2194
LP04C10011	Illite	1	NULL		60.779	Sericite_Kaolinite_03	0.999	1.006	1.345	1.74	2201.736	0.109	0.0813	2190
LP04C10012	Kaolinite	0.816	K_Alunite	0.184	53.98	Sericite_Carbonate_29	0.989	1.008	1.374	1.48	2205.192	0.209	0.152	
LP04C10013	Illite	0.839	Gypsum	0.161	188.308	Water_wksericite_wkcb	0.994	0.994	0.462	1.676	2201.051	0.0487	0.105	
LP04C10014	Kaolinite	1	NULL		154.324	Sericite_Water_01	0.99	1.014	0.859	1.456	2205.347	0.107	0.125	
LP04C10015	Illite	1	NULL		116.343	Sericite_Carbonate_13	0.993	0.995	1.862	1.325	2199.561	0.133	0.0713	2190
LP04C10016	Illite	0.772	Kaolinite	0.228	85.014	Sericite_Water_02	0.994	1.004	0.946	1.699	2203.277	0.0901	0.0953	

Sample Number	Muscovite_Feat	Phengite_Feat	Kaolin_Feat	Kaolinite_Feat	Dickite_Feat	Wave_MgOH	Depth_MgOH	Wave_FeOH	Depth_FeOH	MgOH_Feat	FeOH_Feat	DALOH/DMgOH
LP04C10001	2206	2210	2158			2354.922	0.0281			2354		5.515
LP04C20001	2206		2164	2164		2355.612	0.0239	2243.74	0.0137	2358		5.306
LP04C10003	2206	2208	2160	2160		2355.822	0.0293			2322		6.788
LP04C10004		2208	2162	2162		2357.063	0.0149			2358		7.493
LP04C10005	2206	2208	2160	2160		2359.513	0.02			2356	2238	7.864
LP04C10006		2208				2322.84	0.015		0.00493	2324		5.24
LP04C20006		2208	2160	2160		2358.552	0.0269					6.314
LP04C20007	2206	2210	2160	2160		2355.428	0.0265	2238.459	0.0121	2326		7.2
LP04C30007	2206	2208	2160	2160		2356.591	0.0384			2324		6.68
LP04C40007	2206	2208	2160	2160		2355.041	0.0212			2356		5.904
LP04C10007		2208				2325.931	0.00918	2241.486	0.0134		2244	2.961
LP04C10008	2204					2351.808	0.0132			2354		4.297
LP04C10009		2208				2351.328	0.0098	2238.753				8.816
LP04C20010		2208				2356.782	0.021	2242.759	0.0246	2354		2.805
LP04C10011	2202	2208				2348.027	0.0286			2348		3.817
LP04C10012	2206	2210	2160	2160						2320	2242	
LP04C10013	2206					2351.717	0.00809	2240.958	0.0156			6.014
LP04C10014		2208	2162	2162		2357.801	0.011			2356		9.758
LP04C10015	2204					2347.915	0.0341			2346		3.887
LP04C10016	2204	2210				2349.49	0.0155			2350		5.798