

## **Cameco Australia Pty. Ltd.**

### **Manyalluluk Project EL9452 - TSA PIMA Minerals**

Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050200	porphyritic granite	Siderite	0.55	Illite	0.44	127.27	3187.78	0.5	1.01
ML050201	weathered porphyritic granite	Halloysite	0.58	Muscovite	0.41	161.60	2674.56	1.63	1.01
ML050202	porphyritic granite	IntChlorite	0.65	Illite	0.34	93.43	2230.49	0.35	1
ML050203	porphyritic granitic volcanoclastic	Siderite	0.56	Illite	0.43	114.12	3035.41	0.5	1.01
ML050204	brecciated volcanoclastic	Illite	1.00			163.49	2124.31	1.99	0.96
ML050205	altered porphyritic granite	Illite	1.00			174.34	2641.11	1.2	0.98
ML050206	altered porphyritic granite	Illite	1.00			158.14	2559.37	1.09	0.98
ML050207	porphyritic granite	Illite	0.74	Phengite	0.25	37.34	2354.58	1.29	0.97
ML050208	altered porphritic granite	Illite	0.79	Phengite	0.20	22.89	2392.87	1.22	0.98
ML050209	black ferrigenous sandstone	Kaolinite	0.60	Magnesite	0.39	127.57	2657.35	0.3	1.02
ML050210	medium grained sandstone	Siderite	0.50	Kaolinite	0.49	155.18	3473.61	1.91	0.99
ML050211	fine to medium grained sandstone	Opal	1.00			807.69	3419.83	0.65	0.99
ML050213	medium to coarse grained sandstone	Illite	1.00			385.81	2992.04	0.67	0.99
ML050214	fine grained sandstone	Illite	1.00			224.20	3213.59	1.08	0.99
ML050216	fine to m gr brecciated sandstone	Kaolinite	0.51	Illite	0.48	174.44	2779.87	1.75	1.02
ML050218	amygdule rich basic volcanic	Phengite	0.81	Brucite	0.18	173.97	1614.89	0.82	1.02
ML050220	fine grained sandstone	Siderite	0.51	Opal	0.48	102.24	3022.36	0.7	0.99
ML050221	massive basic volcanics	Kaolinite	0.55	Siderite	0.45	110.21	1916.63	0.41	1.04
ML050223	medium grained sandstone	Muscovite	0.54	Kaolinite	0.45	218.69	2699.74	1.59	1
ML050224	fine grained sandstone	Kaolinite	0.57	Muscovite	0.43	118.60	2622.41	1.99	1.01
ML050226	lithic coarse grained sandstone	Aspectral				5000.00	1875.56		1.01
ML050227	sandstone fanglomerate	K_Alunite	1.00			1346.05	1922.19	0.48	1.01
ML050229	sandstone fanglomerate	Ankerite	0.50	K_Alunite	0.49	1929.75	1809.44	0.36	1.01
ML050231	cherty silica band in volcanics	Brucite	1.00			389.53	2307.21	0.3	0.99
ML050232	weathered amygdule volcanic	Illite	1.00			402.89	1572.51	0.78	1
ML050233	medium grained sandstone	Muscovite	0.64	Kaolinite	0.35	137.79	2452.64	1.34	1.01
ML050234	v coarse grained lithic sandstone	Illite	1.00			249.37	2117.09	0.77	1
ML050236	v coarse grained lithic sandstone	Dickite	0.64	Muscovite	0.36	148.93	2027.87	2.36	0.9
ML050237	weathered amygdule volcanic	Opal	0.55	Muscovite	0.45	187.71	2136.89	0.55	1
ML050238	sandstone fault breccia	Kaolinite	1.00			150.75	2271.66	2.89	0.99
ML050239	sandstone fault breccia	Kaolinite	1.00			307.38	2779.84	2.76	0.99
ML050240	medium grained sandstone	Halloysite	1.00			289.26	2527.45	0.7	1
ML050241	basal conglomerate beds	Illite	1.00			181.59	2253.35	0.92	0.99
ML050242	amygdule basic volcanic	NULL					1717.8	0.61	0.99
ML050243	porphyritic granite	Siderite	0.58	Muscovite	0.41	218.25	2113.39	0.41	0.99

## Manyalluluk Project EL9452 - TSA PIMA Minerals

Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050244	very coarse granite	Halloysite	0.57	Muscovite	0.42	247.08	2261.31	1.33	1.02
ML050245	weathered v c gr granite	Muscovite	1.00			213.92	2984.69	1.1	1.01
ML050246	weathered porphyritic granite	Halloysite	1.00			463.73	3476.28	0.39	1.02
ML050247	fractured granite	Siderite	0.52	Muscovite	0.47	90.69	2635.09	0.72	1.01
ML050251	medium grained sandstone	Illite	1.00			97.27	3388.31	1.55	1
ML050252	coarse grained sandstone	Dickite	0.61	Muscovite	0.38	85.38	3096.31	3.65	0.88
ML050253	medium grained sandstone	Illite	1.00			93.48	3179.41	2.01	0.99
ML050254	med to coarse gr sandstone	Illite	1.00			154.89	3802.35	1.6	0.99
ML050255	med gr qtz brecciated sandstone	Siderite	0.51	Illite	0.48	172.43	3499.84	0.83	1.01
ML050256	fine gr silicified sandstone	Illite	1.00			150.25	3382.46	1.2	1
ML050257	med to coarse gr silicified sdst	Muscovite	0.57	Kaolinite	0.42	210.94	4131.93	1.29	1
ML050258	fine gr sdst hematitic qtz breccia	Siderite	0.52	Illite	0.47	202.84	3178.37	1.3	0.99
ML050259	fine grained sandstone	Illite	1.00			253.60	2763.05	1.04	1
ML050261	fine grained sandstone	Illite	1.00			589.98	2938.66	0.52	1
ML050262	fine to medium grained sandstone	Illite	1.00			183.25	4238.54	1.67	0.99
ML050263	amydule rich volcanic quartz bx	Kaolinite	0.51	Opal	0.48	176.74	1973.87	0.62	1
ML050264	v crs gr conglomeratic sandstone	Illite	1.00			297.91	3423.43	0.92	0.99
ML050265	amygdule rich volcanic	Kaolinite	1.00			450.74	2250.95	0.56	1
ML050266	ferricrete	Kaolinite	0.69	Nacrite	0.30	95.86	1557.84	3.31	0.95
ML050267	ferricrete	Kaolinite	0.63	Halloysite	0.36	104.79	2254.64	2.04	0.97
ML050270	fine grained sandstone	Aspectral				5000.00	4230.08	0.36	0.99
ML050271	medium grained sandstone	Illite	1.00			349.87	3457.93	1.15	1
ML050272	coarse grained sandstone breccia	Halloysite	1.00			411.22	4087.46	1.02	1
ML050274	fine grained sandstone	Halloysite	1.00			213.37	2746.78	2.32	1.02
ML050276	medium grained sandstone	Kaolinite	1.00			222.70	3493.57	2.34	1.02
ML050277	fine grained sandstone	Halloysite	1.00			160.70	3460.28	2.1	1.01
ML050279	siliceous breccia	Illite	1.00			259.20	2619.53	0.63	0.99
ML050281	v fine gr sandstone/siltstone	Kaolinite	1.00			58.49	2531.15	3.93	1.12
ML050282	porph ryholitic volcanoclastic	Kaolinite	0.74	Muscovite	0.25	79.80	2239.02	1.55	1.07
ML050283	c gr sandstone	NULL					3817.06	0.73	0.99
ML050284	weathered rhyditic volcanoclastic	Kaolinite	0.62	Halloysite	0.37	96.39	3100.73	1.68	1.05
ML050285	c gr lithic sandstone	Illite	1.00			220.80	2397.35	1.05	1
ML050286	c gr granulestone lithic	Illite	1.00			266.71	2569.05	0.95	1
ML050287	rhyditic volcanoclastic porphritic	Halloysite	1.00			386.27	3272.69	1.17	1.01
ML050288	med gr sandstone	Illite	0.75	Kaolinite	0.24	73.63	2965.61	1.8	1
ML050289	med gr sandstone	Illite	1.00			507.29	3173.26	0.98	1
ML050290	v c gr congl sandstone	Kaolinite	0.60	Illite	0.39	55.87	2453.92	2.32	1.02

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ML050291	v c gr sandstone	Kaolinite	0.55	Illite	0.45	58.26	2876.76	2.23	1.03
ML050292	c gr sandstone	Illite	1.00			114.89	3225.27	1.6	0.99
ML050293	c gr sandstone	Illite	1.00			154.25	3283.11	1.33	1
ML050294	v c gr sandstone	Kaolinite	1.00			242.11	3190.39	1.97	1.03
ML050295	med gr sil sandstone	Illite	1.00			395.76	3187.71	0.59	1
ML050296	ferricrete v-f gr volc rock-slst	NULL					3312.91	0.58	1
ML050297	c gr conglomeratic sandstone	Kaolinite	1.00			100.79	3066.48	3.88	1.07
ML050298	weathered basic volcanics	Halloysite	1.00			1020.00	2426.01	0.63	0.99
ML050299	v f gr sandstone,siltstone shales	Muscovite	1.00			700.57	3686.49	0.85	1.01
ML050300	c gr sandstone	Halloysite	0.58	Muscovite	0.41	194.82	2807.55	1.26	1.02
ML050301	v c gr sandstone	Halloysite	0.52	Muscovite	0.47	89.76	3029.6	1.47	1.03
ML050302	f-med gr volcanic basic	Jarosite	0.51	Brucite	0.49	4068.91	2219.65	0.54	1
ML050303	c gr-v c gr sandstone	Kaolinite	1.00			66.38	2254.02	4.07	1.11
ML050305	f gr sil sandstone	Muscovite	0.54	Kaolinite	0.45	115.86	2987.81	1.95	1.01
ML050306	f gr sil sandstone	Illite	1.00			355.27	2978.57	1.06	1
ML050307	med gr sandstone	Illite	0.62	Kaolinite	0.37	163.40	3432.09	2.08	1
ML050308	med-c gr sandstone	Illite	1.00			290.93	3034.18	1.42	0.99
ML050312	peg granite	FeTourmaline	1.00			137.26	2228.58		1.02
ML050313	granite	Illite	1.00			347.95	2225.06	0.77	1
ML050314	banded qtz mafic greissen	Muscovite	1.00			204.45	2564.32	2.13	1.03
ML050315	laterised mafic banded greissen	FeTourmaline	1.00			23.96	2318.5	1.9	1.05
ML050316	laterised greissen	Aspectral				5000.00	1949.44		1
ML050317	banded qtz mafic greissen	FeTourmaline	1.00			443.91	3004.36	0.66	1
ML050318	med gr granite	FeChlorite	0.68	Muscovite	0.31	124.26	2813.83	0.23	1.01
ML050319	f gr sandstone qtz bx	Halloysite	1.00			455.99	2965.49	1.24	1.01
ML050320	m gr sandstone	Halloysite	1.00			1183.93	2974.5	0.95	1
ML050321	f-m gr sandstone	Kaolinite	0.51	Illite	0.48	138.15	2687.07	2.66	1.01
ML050322	m gr sandstone	Kaolinite	1.00			255.35	2864.35	1.56	1.02
ML050324	sandstone fault bx	Illite	1.00			911.96	2954.7	0.7	1
ML050326	m gr sandstone	Halloysite	1.00			326.17	2751.92	1.52	1
ML050327	m-c gr sandstone	Halloysite	1.00			1862.11	2439.48	0.85	1
ML050328	b m breccia	Halloysite	1.00			1931.18	2995.94	0.95	1
ML050329	c gr sandstone	Halloysite	0.63	Paragonite	0.36	222.77	2843.3	1.38	0.99
ML050330	m gr sandstone	Illite	0.50	Paragonite	0.49	51.17	2744.93	2.5	0.96
ML050331	c gr sandstone	Halloysite	1.00			419.32	2367.34	1.47	0.99
ML050332	m gr sandstone	Illite	1.00			278.28	2931.36	1.83	1
ML050333	f gr sandstone	Illite	1.00			472.80	3177.59	1.07	1

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Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050334	f gr sandstone	Kaolinite	0.52	Halloysite	0.47	191.74	2792.58	3.34	1.01
ML050335	f-med gr sandstone	Kaolinite	1.00			141.12	2760.24	4.04	1.04
ML050336	f gr sandstone	Illite	1.00			536.08	2868.44	0.79	0.99
ML050338	f gr sil sandstone	Halloysite	1.00			549.85	2914.29	1.14	1
ML050339	med gr txbed sandstone	Illite	0.68	Kaolinite	0.31	153.70	2827.88	2	1
ML050340	med-c gr sandstone	NULL					3083.83	0.65	0.99
ML050342	med-c gr sandstone	Opal	1.00			684.00	3746.7	0.62	0.99
ML050343	med gr lithic sandstone	Illite	1.00			250.34	2579.91	1.01	1
ML050344	c gr lithic sandstone	Illite	1.00			199.07	2873.21	1.11	1
ML050345	qtz pebble conglomerate	Dickite	1.00			264.57	2275.98	2.26	0.92
ML050346	c gr poorly sorted lithic sdst	Illite	1.00			2190.27	3145.46	0.76	0.99
ML050347	c gr lithic sandstone	Illite	0.59	Dickite	0.40	54.69	3432.03	3.44	0.91
ML050348	c gr lithic sandstone	Illite	0.81	Kaolinite	0.18	37.87	3915.23	2.18	1.01
ML050349	c gr sandstone	Muscovite	0.63	Kaolinite	0.36	157.38	3626.24	0.85	1.01
ML050350	c gr conglomeratic sandstone	Illite	1.00			117.87	3316.13	1.31	0.99
ML050351	med gr sil sandstone	Illite	1.00			298.74	3391.32	0.71	0.99
ML050352	med gr sdst+pebble conglomerate	Halloysite	1.00			236.87	3455.3	1.18	1
ML050353	f-med gr sandstone	Illite	1.00			129.14	4004.93	1.38	0.99
ML050354	sil bx-f gr sandstone	Illite	1.00			150.79	3105.48	1.15	1
ML050355	f-med gr sandstone	Illite	1.00			129.93	4112.55	1.74	0.99
ML050356	med-c gr sandstone	Kaolinite	0.55	Illite	0.44	93.93	3481.36	2.12	1.01
ML050357	med-c gr sandstone	Illite	0.61	Halloysite	0.38	123.60	3171.85	2.12	0.99
ML050358	c gr sandstone	Kaolinite	0.70	Muscovite	0.29	94.75	3593.15	2.24	1.03
ML050359	c gr sandstone	Illite	1.00			3345.30	4121.27	0.67	0.99
ML050360	c gr sandstone	Illite	0.67	Halloysite	0.32	134.69	3129.05	1.28	1
ML050361	f-med gr sandstone	Illite	0.71	Siderite	0.28	61.75	3776.97	1.61	0.99
ML050362	f gr sil sandstone	Illite	0.63	Halloysite	0.36	206.59	3269.1	1.59	0.99
ML050363	med gr sandstone	Halloysite	0.71	Paragonite	0.28	134.30	3220.31	2.46	1
ML050364	med-c gr sandstone	Illite	1.00			103.89	3827.58	2.36	0.98
ML050365	med gr sandstone	Illite	0.64	Paragonite	0.36	35.11	3392.64	2.28	0.96
ML050366	med gr sandstone	Halloysite	0.69	Paragonite	0.30	152.53	3535.64	2.35	1
ML050367	med-c gr sandstone	Illite	0.64	Paragonite	0.35	69.98	3600.14	2.28	0.97
ML050368	med gr sandstone	Paragonite	0.56	Halloysite	0.43	81.30	3618.56	1.71	0.97
ML050369	med-c gr sandstone	Paragonite	0.64	Halloysite	0.35	82.95	3392.13	1.82	0.95
ML050370	med-c gr sandstone	Kaolinite	1.00			176.36	2718.4	1.18	1.01
ML050371	volcaniclastic	Illite	1.00			76.19	2567.21	2.5	0.98
ML050372	c gr sandstone	Illite	1.00			2186.80	2985.48	0.88	1

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Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050373	amygduloidal volcanics	Illite	1.00			29.77	1824.26	1.49	0.93
ML050374	boulder conglomerate	Illite	1.00			305.25	2523.5	0.72	1
ML050375	c gr sandstone	Kaolinite	0.58	Muscovite	0.41	157.58	3485.18	1.54	1.01
ML050376	qtz vein breccia	Illite	1.00			59.19	2769.66	1.8	0.98
ML050378	bleached clay altered granite	Illite	0.66	Phengite	0.33	28.72	2241.08	1.2	0.99
ML050379	c gr sandstone	Illite	1.00			71.13	3194.58	1.73	0.99
ML050380	c-v c gr poorly sorted sdst	Illite	1.00			68.90	2888.5	1.53	0.98
ML050381	sdst solution bx / fault	K_Alunite	0.68	Tourmaline	0.31	3281.23	2061.68	0.49	1.02
ML050383	conglomerate	Dickite	1.00			343.82	2917.06	1.59	0.95
ML050384	conglomeratic sandstone	Illite	1.00			160.76	2953.95	1.08	0.98
ML050385	m gr sandstone	Illite	1.00			752.13	2860.82	1.21	1
ML050386	f gr sandstone	Illite	1.00			597.57	3391.4	1.4	1
ML050387	f gr sandstone	Muscovite	0.52	Kaolinite	0.47	175.61	3155.5	1.71	1.01
ML050388	f gr sandstone	Illite	1.00			291.81	3629.55	2.05	1
ML050389	f-med gr sandstone	Illite	1.00			625.40	3141.15	1	1
ML050390	med gr sandstone	Illite	1.00			389.05	3561.06	1.49	0.99
ML050391	f gr sandstone	Illite	1.00			201.11	2832.65	1.26	1
ML050392	c gr sandstone	Halloysite	1.00			285.73	3630.59	1.25	1
ML050393	f gr sandstone	FeTourmaline	1.00			1629.77	3634.17	0.62	0.99
ML050394	f-med gr sandstone	Illite	1.00			306.64	3002.3	0.93	1
ML050395	c gr sandstone	Halloysite	0.59	Illite	0.40	168.94	3269.3	1.64	1
ML050396	f gr sandstone	Illite	1.00			176.91	3241.17	0.99	1
ML050397	c gr sandstone	Kaolinite	0.63	Muscovite	0.36	125.47	3104.78	2.05	1.02
ML050398	c gr sandstone	Illite	0.67	Kaolinite	0.32	102.30	2438.02	2.73	1
ML050399	cong sandstone v c gr sandstone	Illite	1.00			366.48	2606.63	0.71	0.99
ML050400	c gr sandstone	Halloysite	1.00			407.17	2278.4	1.14	1
ML050401	f-med gr sil sandstone	Illite	1.00			2697.22	4007.08	0.55	0.99
ML050402	med gr sandstone	Kaolinite	0.54	Muscovite	0.45	125.56	2935.35	1.34	1.03
ML050403	c gr sandstone	Illite	1.00			120.37	2709.33	1.61	0.99
ML050800	Granite	Illite	1.00			140.84	2839.78	1.18	0.99
ML050801	Grante	Illite	0.71	MgChlorite	0.28	65.45	2553.11	0.89	0.99
ML050802	Granite	Illite	1.00			166.86	2866.47	1.02	0.99
ML050803	Hematitic granite	FeTourmaline	1.00			2957.46	3069.41	0.33	0.99
ML050804	Fine sandstone	Illite	1.00			100.34	3301.64	1.19	0.99
ML050805	Basalt	Siderite	1.00			330.65	1898.11		1
ML050806	Ferruginous gravel	Illite	0.80	Halloysite	0.19	57.00	2363.06	1.02	0.99
ML050807	Lithic sandstone	Illite	1.00			357.75	2220.83	0.74	0.99

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Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050809	Conglomeratic sandstone	Illite	1.00			1517.82	3364.06	0.77	1
ML050810	Lithic sandstone	Illite	1.00			332.86	2329.54	0.86	1
ML050811	Conglomeratic sandstone	Illite	1.00			376.46	3075.65	0.9	0.99
ML050812	Conglomeratic lithic sandstone	Dickite	1.00			572.97	2948.35	1.17	0.96
ML050813	Medium sandstone	Illite	0.66	Kaolinite	0.33	91.15	2950.91	1.35	1
ML050814	Lithic boulder fanglomerate	Illite	1.00			155.30	3024.48	0.89	0.99
ML050815	Coarse sandstone	Illite	0.54	Paragonite	0.45	123.74	2772.08	2.85	0.98
ML050816	Granite	Illite	1.00			819.16	2665.37	0.59	1
ML050817	Granite	Siderite	0.50	Muscovite	0.49	92.67	1995.44	0.66	1
ML050818	Fine sandstone	Paragonite	0.55	Muscovite	0.44	74.52	2892.59	2.43	0.97
ML050819	Fine sandstone	Illite	0.56	Dickite	0.43	220.09	2413.12	2.61	0.94
ML050820	Hematite quartz sandstone	Illite	1.00			173.57	3203.67	1.1	1
ML050821	Hematite quartz breccia	Siderite	0.52	Illite	0.47	183.75	3331.83	1.45	1
ML050822	Fine sandstone	Illite	1.00			115.93	3113.46	1.1	1
ML050823	Fine ferruginous sandstone	Illite	1.00			201.79	3117.65	0.22	1
ML050824	Fine sandstone	Paragonite	0.60	Muscovite	0.39	83.92	2497.18	1.12	0.98
ML050825	Fine sandstone	Muscovite	1.00			180.11	2422.64	1.1	1
ML050826	Coarse sandstone	Illite	0.51	Siderite	0.48	178.21	3374.77	0.7	1
ML050827	Coarse-pebbly sandstone	Illite	0.62	Halloysite	0.37	343.91	2822.94	0.95	1
ML050828	Medium sandstone	Illite	1.00			175.85	2907.78	0.99	0.99
ML050829	Fine sandstone	Illite	1.00			89.13	2526.98	1.58	1.01
ML050830	Fine sandstone	Illite	1.00			197.39	3220.13	1.55	0.99
ML050831	Fine sandstone	Illite	0.62	Kaolinite	0.37	86.68	2934.36	2.15	1.01
ML050832	Pebbly sandstone	Illite	1.00			211.54	2974.75	0.97	1
ML050833	Coarse-pebbly sandstone	Illite	1.00			163.18	2443.66	1.84	0.99
ML050834	Coarse-pebbly sandstone	Illite	1.00			273.24	3167.35	1.73	0.99
ML050835	Fine sandstone	Illite	1.00			139.49	2528.27	1.98	0.98
ML050836	Dirty sandstone	Muscovite	1.00			470.55	2811.43	0.78	1
ML050837	Fine sandstone	Illite	0.68	Kaolinite	0.31	233.06	2627.87	1.25	1
ML050838	Volcanoclastic breccia	Illite	1.00			141.80	2221.25	1.72	0.99
ML050839	Hematitic Qtz pebble-cobble conglom	Opal	1.00			753.75	2921.58	0.07	1
ML050840	Fine grained sandstone	Halloysite	0.54	Paragonite	0.46	224.24	3237.17	0.98	0.98
ML050841	Granite	Illite	0.60	Halloysite	0.39	137.13	1742.97	0.91	0.99
ML050842	Granite	Muscovite	1.00			158.02	2101.9	1.27	1
ML050843	Granite	Muscovite	0.83	Brucite	0.17	223.78	1692.18	0.88	1.01
ML050844	Massive specular hematite	Illite	1.00			103.57	2404	1.09	0.96
ML050845	Granite	Illite	0.82	Kaolinite	0.17	54.50	2528.49	1.52	1
ML050846	Coarse-pebbly sandstone	Illite	1.00			314.86	2686.05	0.7	1

## Manyalluluk Project EL9452 - TSA PIMA Minerals

Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
ML050847	Hematitic boulder conglomerate	Kaolinite	1.00			198.62	2153.59	1.43	1.01
ML050848	Weathered volcanic	Muscovite	0.51	Dickite	0.48	185.46	2406.47	1.97	0.94