

Cameco Australia Pty. Ltd.**Manyalluluk Project EL9452 - Sample Location**

Sample Number	AGD66 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology
	Easting	Northing	RL (asl)			
ML050200	280567	8450541	289	Assay	Peg	porphyritic granite
ML050201	280600	8450520	290	Assay	Peg	weathered porphyritic granite
ML050202	279921	8448553	310	Assay	Peg	porphyritic granite
ML050203	275183	8443570	263	Assay	Pep	porphyritic granitic volcanoclastic
ML050204	275307	8443780	283	Assay	Pep	brecciated volcanoclastic
ML050205	278740	8449953	309	Assay	Peg	altered porphyritic granite
ML050206	278737	8449973	311	Assay	Peg	altered porphyritic granite
ML050207	278753	8449983	312	Assay	Peg	porphyritic granite
ML050208	278797	8449999	315	Assay	Peg	altered porphyritic granite
ML050209	309845	8443111	341	Assay	Phl	black ferruginous sandstone
ML050210	309908	8443144	331	Assay	Phl	medium grained sandstone
ML050211	309941	8443050	321	Assay	Phl	fine to medium grained sandstone
ML050212	306800	8445053	377	Mapping	Phrg	ferricrete
ML050213	306790	8444951	379	Assay	Phl	medium to coarse grained sandstone
ML050214	305770	8444441	380	Assay	Phr	fine grained sandstone
ML050215	305170	8444225	388	Mapping	Phrg	ferricrete
ML050216	305322	8444190	392	Assay	Phl	fine to m gr brecciated sandstone
ML050217	300861	8445370	329	Mapping	Phn	black soils
ML050218	300917	8445507	335	Assay	Phn	amygdule rich basic volcanic
ML050219	300070	8446915	345	Mapping	Phn	ferricrete and weathered volcanics
ML050220	299725	8447055	353	Assay	Phe	fine grained sandstone
ML050221	301975	8442834	335	Assay	Phn	massive basic volcanics
ML050222	299798	8435495	293	Mapping	K	sandstone debris flow talis
ML050223	299786	8435486	293	Assay	Phl	medium grained sandstone
ML050224	299630	8435491	296	Assay	Phr	fine grained sandstone
ML050225	297960	8435190		Mapping	K	sandstone debris flow talis
ML050226	292203	8428286	310	Assay	Phr	lithic coarse grained sandstone
ML050227	292221	8428308	314	Assay	Phr	sandstone fanglomerate
ML050228	292248	8428251	319	Mapping	Phr	sandstone fanglomerate
ML050229	292161	8428204	303	Assay	Phr	sandstone fanglomerate
ML050230	292104	8428175	301	Mapping	Phr	sandstone fanglomerate
ML050231	292112	8428153	298	Assay	Phn	cherty silica band in volcanics
ML050232	292143	8428145	291	Assay	Phn	weathered amygdule volcanic
ML050233	292267	8428130	302	Assay	Phr	medium grained sandstone
ML050234	292380	8428148	305	Assay	Phr	v coarse grained lithic sandstone
ML050235	292448	8428285	300	Mapping	Phr	basal conglomerate beds
ML050236	292180	8424861	256	Assay	Peh	v coarse grained lithic sandstone
ML050237	292267	8424604	250	Assay	Phn	weathered amygdule volcanic
ML050238	292349	8424514	286	Assay	Phr	sandstone fault breccia
ML050239	292450	8424733	304	Assay	Phr	sandstone fault breccia
ML050240	292430	8424760	301	Assay	Phr	medium grained sandstone
ML050241	292459	8424870	282	Assay	Phr	basal conglomerate beds
ML050242	307239	8432348	255	Assay	Phd	amygdule basic volcanic
ML050243	275053	8440279	228	Assay	Peg	porphyritic granite
ML050244	283054	8451113	276	Assay	Peg	very coarse granite
ML050245	283167	8451142	275	Assay	Peg	weathered v c gr granite
ML050246	282885	8451112	276	Assay	Peg	weathered porphyritic granite
ML050247	282712	8451245	276	Assay	Peg	fractured granite
ML050251	286767	8450298	329	Assay	Phe	medium grained sandstone
ML050252	286717	8450046	332	Assay	Phe	coarse grained sandstone
ML050253	286471	8450048	328	Assay	Phe	medium grained sandstone
ML050254	295881	8450893	354	Assay	Phe	med to coarse gr sandstone
ML050255	295775	8450830	357	Assay	Phe	med gr qtz brecciated sandstone
ML050256	295703	8451101	338	Assay	Phe	fine gr silicified sandstone
ML050257	295730	8450976	356	Assay	Phe	med to coarse gr silicified sdst
ML050258	295616	8450786	357	Assay	Phe	fine gr sdst hematitic qtz breccia
ML050259	295486	8450838	377	Assay	Phe	fine grained sandstone
ML050260	299941	8436680	340	Mapping	Phrg	pisoliths

Manyalluluk Project EL9452 - Sample Location

Sample Number	AGD66 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology
	Easting	Northing	RL (asl)			
ML050261	299971	8436641	337	Assay	Phr	fine grained sandstone
ML050262	298205	8447804	371	Assay	Phe	fine to medium grained sandstone
ML050263	302850	8442845	338	Assay	Phn	amydule rich volcanic quartz bx
ML050264	303094	8442873	366	Assay	Phr	v crs gr conglomeratic sandstone
ML050265	300763	8441488	335	Assay	Phn	amygdule rich volcanic
ML050266	300731	8440632	372	Assay	Czl	ferricrete
ML050267	300022	8441138	357	Assay	Czl	ferricrete
ML050268	300103	8441404	373	Mapping	K	sedimentary breccia / debris flow
ML050269	300174	8440374	354	Mapping	Czl	ferricrete
ML050270	305153	8438905	308	Assay	Phl	fine grained sandstone
ML050271	305144	8438698	305	Assay	Phl	medium grained sandstone
ML050272	303337	8434548	282	Assay	Phl	coarse grained sandstone breccia
ML050273	298670	8432712	337	Mapping	K	sedimentary breccia / debris flow
ML050274	298712	8432752	322	Assay	Phl	fine grained sandstone
ML050275	298817	8432689	342	Mapping	Czl	ferricrete
ML050276	296945	8433762	354	Assay	Phr	medium grained sandstone
ML050277	296982	8433842	342	Assay	Phr	fine grained sandstone
ML050278	297050	8433810	329	Mapping	Cz	black soil swamp
ML050279	297067	8433758	337	Assay	Phr	siliceous breccia
ML050280	275663	8414914	235	Mapping	Pep	brown soil
ML050281	275367	8414695	245	Assay	K	v fine gr sandstone/siltstone
ML050282	280968	8427782	280	Assay	Pep	porph ryholitic volcanoclastic
ML050283	281135	8427700	289	Assay	Phe	c gr sandstone
ML050284	281152	8427847	277	Assay	Pep	weathered rhyditic volcanoclastic
ML050285	281043	8427843	279	Assay	Peh	c gr lithic sandstone
ML050286	280861	8427657	274	Assay	Peh	c gr granulestone lithic
ML050287	278968	8440662	294	Assay	Pep	rhyditic volcanoclastic porphritic
ML050288	294963	8438023	349	Assay	Phe	med gr sandstone
ML050289	294921	8438331	351	Assay	Phe	med gr sandstone
ML050290	294951	8438586	352	Assay	Phe	v c gr congl sandstone
ML050291	295006	8438774	343	Assay	Phe	v c gr sandstone
ML050292	295293	8438678	353	Assay	Phe	c gr sandstone
ML050293	295200	8438229	349	Assay	Phe	c gr sandstone
ML050294	298829	8436004	290	Assay	Phe	v c gr sandstone
ML050295	299080	8435853	292	Assay	Phr	med gr sil sandstone
ML050296	307561	8433599	275	Assay	Phd	ferricrete v-f gr volc rock-slst
ML050297	307637	8433469	291	Assay	Phd	c gr conglomeratic sandstone
ML050298	307924	8432963	275	Assay	Phd	weathered basic volcanics
ML050299	308144	8432779	275	Assay	Phd	v f gr sandstone,siltstone shales
ML050300	306431	8424914	258	Assay	Phw	c gr sandstone
ML050301	304544	8430826	244	Assay	Pha	v c gr sandstone
ML050302	304869	8430945	253	Assay	Phd	f-med gr volcanic basic
ML050303	304960	8430786	301	Assay	Phg	c gr-v c gr sandstone
ML050304	303031	8430633	256	Mapping	Czl	ferricrete
ML050305	302791	8430810	266	Assay	Phs	f gr sil sandstone
ML050306	299214	8434935	276	Assay	Phr	f gr sil sandstone
ML050307	299178	8434829	293	Assay	Phl	med gr sandstone
ML050308	299310	8434752	296	Assay	Phl	med-c gr sandstone
ML050310	273179	8415549	250	Mapping	Czl	ferricrete
ML050311	275610	8417009	272	Mapping	K	pisoliths on K sdst plat
ML050312	269295	8438712	212	Assay	Peg	peg granite
ML050313	269372	8438790	221	Assay	Peg	granite
ML050314	269357	8438785	213	Assay	Peg	banded qtz mafic greissen
ML050315	269881	8437482	234	Assay	Peg	laterised mafic banded greissen
ML050316	269883	8437477	236	Assay	Peg	laterised greissen
ML050317	269896	8437458	236	Assay	Peg	banded qtz mafic greissen
ML050318	275287	8435332	217	Assay	Peg	med gr granite
ML050319	297049	8438214	322	Assay	Phe	f gr sandstone qtz bx
ML050320	296762	8438184	331	Assay	Phe	m gr sandstone

Manyalluluk Project EL9452 - Sample Location

Sample Number	AGD66 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology
	Eastings	Northing	RL (asl)			
ML050321	296570	8438346	319	Assay	Phe	f-m gr sandstone
ML050322	297162	8438474	340	Assay	Phe	m gr sandstone
ML050323	295129	8426534	283	Assay	Phl	med gr sdst bx
ML050324	295100	8426428	283	Assay	Phl	sandstone fault bx
ML050325	295148	8426359	275	Mapping	Cz	black soil
ML050326	295148	8426666	297	Assay	Phl	m gr sandstone
ML050327	295496	8430647	335	Assay	Phl	m-c gr sandstone
ML050328	295487	8430564	330	Assay	Phl	b m breccia
ML050329	295588	8430270	300	Assay	Phl	c gr sandstone
ML050330	303856	8441804	316	Assay	Phl	m gr sandstone
ML050331	303535	8442050	327	Assay	Phr	c gr sandstone
ML050332	303505	8441743	331	Assay	Phr	m gr sandstone
ML050333	304838	8436846	297	Assay	Phl	f gr sandstone
ML050334	305175	8436951	295	Assay	Phl	f gr sandstone
ML050335	305429	8437144	282	Assay	Phl	f-med gr sandstone
ML050336	304894	8437210	308	Assay	Phl	f gr sandstone
ML050337	297970	8434059	369	Mapping	Cz	ferricrete
ML050338	297986	8434147	363	Assay	Phr	f gr sil sandstone
ML050339	298155	8434006	347	Assay	Phr	med gr txbed sandstone
ML050340	280845	8417798	273	Assay	Phe	med-c gr sandstone
ML050341	281004	8418190	284	Mapping	Czl	ferricrete developed on phe sdst
ML050342	280940	8418037	273	Assay	Phe	med-c gr sandstone
ML050343	290477	8425213	248	Assay	Peh	med gr lithic sandstone
ML050344	290427	8424625	260	Assay	Peh	c gr lithic sandstone
ML050345	290644	8424500	251	Assay	Peh	qtz pebble conglomerate
ML050346	290836	8424990	270	Assay	Peh	c gr poorly sorted lithic sdst
ML050347	291058	8427509	270	Assay	Phe	c gr lithic sandstone
ML050348	291068	8427796	262	Assay	Phe	c gr lithic sandstone
ML050349	297508	8434120	412	Assay	Phl	c gr sandstone
ML050350	297546	8434350	344	Assay	Phr	c gr conglomeratic sandstone
ML050351	297428	8434397	346	Assay	Phr	med gr sil sandstone
ML050352	297348	8434389	334	Assay	Phr	med gr sdst-pebble conglomerate
ML050353	309648	8449751	340	Assay	Phl	f-med gr sandstone
ML050354	309570	8449673	356	Assay	Phl	sil bx-f gr sandstone
ML050355	309399	8449867	324	Assay	Phl	f-med gr sandstone
ML050356	305929	8448357	403	Assay	Phl	med-c gr sandstone
ML050357	306044	8448220	397	Assay	Phl	med-c gr sandstone
ML050358	309616	8446854	363	Assay	Phl	c gr sandstone
ML050359	309577	8446546	368	Assay	Phl	c gr sandstone
ML050360	309891	8446558	357	Assay	Phl	c gr sandstone
ML050361	306691	8445400	386	Assay	Phr	f-med gr sandstone
ML050362	306437	8445560	376	Assay	Phr	f gr sil sandstone
ML050363	308381	8446911	369	Assay	Phl	med gr sandstone
ML050364	307893	8446819	377	Assay	Phl	med-c gr sandstone
ML050365	308181	8446619	372	Assay	Phl	med gr sandstone
ML050366	308417	8446432	378	Assay	Phl	med gr sandstone
ML050367	306288	8442444	350	Assay	Phl	med-c gr sandstone
ML050368	306650	8442202	331	Assay	Phl	med gr sandstone
ML050369	306845	8442152	328	Assay	Phl	med-c gr sandstone
ML050370	306899	8442004	317	Assay	Phl	med-c gr sandstone
ML050371	291663	8434820	292	Assay	Pep	volcaniclastic
ML050372	297358	8434123	356	Assay	Phr	c gr sandstone
ML050373	297304	8434223	331	Assay	Phn	amygduloidal volcanics
ML050374	297335	8434333	338	Assay	Phr	boulder conglomerate
ML050375	295806	8430153	300	Assay	Phl	c gr sandstone
ML050376	278770	8449561	290	Assay	Peg	qtz vein breccia
ML050377	278752	8449628	291	Mapping	Peg	granitic scree
ML050378	278747	8449881	301	Assay	Peg	bleached clay altered granite
ML050379	292147	8426692	332	Assay	Phe	c gr sandstone

Manyalluluk Project EL9452 - Sample Location

Sample Number	AGD66 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology
	Eastings	Northing	RL (asl)			
ML050380	292091	8426680	330	Assay	Phe	c-v c gr poorly sorted sdst
ML050381	291825	8426585	320	Assay	Phe	sdst solution bx / fault
ML050382	291766	8426595	337	Mapping	Phe	sdst solution breccia
ML050383	291802	8426676	321	Assay	Peh	conglomerate
ML050384	286081	8448081	311	Assay	Peh	conglomeratic sandstone
ML050385	290153	8450946	328	Assay	Phl	m gr sandstone
ML050386	298222	8449900	357	Assay	Phe	f gr sandstone
ML050387	296722	8446862	369	Assay	Phe	f gr sandstone
ML050388	297115	8444703	362	Assay	Phe	f gr sandstone
ML050389	305167	8450202	413	Assay	Phr	f-med gr sandstone
ML050390	304197	8446692	427	Assay	Phr	med gr sandstone
ML050391	304303	8443827	411	Assay	Phr	f gr sandstone
ML050392	301544	8439856	360	Assay	Phr	c gr sandstone
ML050393	305275	8439959	338	Assay	Phl	f gr sandstone
ML050394	299578	8437735	372	Assay	Phr	f-med gr sandstone
ML050395	302983	8436963	338	Assay	Phl	c gr sandstone
ML050396	299809	8433973	329	Assay	Phr	f gr sandstone
ML050397	295869	8435796	338	Assay	Phe	c gr sandstone
ML050398	292948	8436163	307	Assay	Phe	c gr sandstone
ML050399	293843	8434044	337	Assay	Phe	cong sandstone v c gr sandstone
ML050400	296035	8432101	371	Assay	Phe	c gr sandstone
ML050401	292700	8430090	316	Assay	Phe	f-med gr sil sandstone
ML050402	294005	8427220	328	Assay	Phr	med gr sandstone
ML050403	291316	8425910	313	Assay	Peh	c gr sandstone
ML050800	278731	8449956	304	Assay	Peg	Granite
ML050801	278728	8449970	305	Assay	Peg	Grante
ML050802	278777	8449837	307	Assay	Peg	Granite
ML050803	278762	8449831	308	Assay	Peg	Hematitic granite
ML050804	305187	8444272		Assay	Phr	Fine sandstone
ML050805	300928	8445277	324	Assay	Phn	Basalt
ML050806	299620	8435407	286	Assay	Czl	Ferruginous gravel
ML050807	292383	8428319	303	Assay	Phe	Lithic sandstone
ML050808	292476	8428307	305	Mapping	Phe	Contact between Peh and Phr
ML050809	292531	8428271	308	Assay	Phr	Conglomeratic sandstone
ML050810	292606	8428669	300	Assay	Phe	Lithic sandstone
ML050811	292767	8428955	314	Assay	Phr	Conglomeratic sandstone
ML050812	292099	8424861		Assay	Peh	Conglomeratic lithic sandstone
ML050813	292615	8424825	300	Assay	Phr	Medium sandstone
ML050814	292442	8425044	274	Assay	Phr	Lithic boulder fanglomerate
ML050815	283241	8451167	283	Assay	Phe	Coarse sandstone
ML050816	283034	8450954	283	Assay	Peg	Granite
ML050817	283210	8450570		Assay	Peg	Granite
ML050818	283523	8450588	295	Assay	Phe	Fine sandstone
ML050819	286726	8450261	333	Assay	Phe	Fine sandstone
ML050820	295670	8450829	354	Assay	Phe	Hematite quartz sandstone
ML050821	295687	8450585		Assay	Phe	Hematite quartz breccia
ML050822	309461	8449647	365	Assay	Phl	Fine sandstone
ML050823	309626	8449944	311	Assay	Phl	Fine ferruginous sandstone
ML050824	305754	8448254	400	Assay	Phl	Fine sandstone
ML050825	306234	8448792	375	Assay	Phr	Fine sandstone
ML050826	309362	8446782	372	Assay	Phl	Coarse sandstone
ML050827	309681	8447068	351	Assay	Phl	Coarse-pebbly sandstone
ML050828	306974	8445646	383	Assay	Phl	Medium sandstone
ML050829	307183	8445904	373	Assay	Phl	Fine sandstone
ML050830	308357	8447112	361	Assay	Phl	Fine sandstone
ML050831	308622	8447227	343	Assay	Phl	Fine sandstone
ML050832	308848	8447142	344	Assay	Phl	Pebbly sandstone
ML050833	307969	8446579	382	Assay	Phl	Coarse-pebbly sandstone
ML050834	307907	8446151	365	Assay	Phl	Coarse-pebbly sandstone

Manyalluluk Project EL9452 - Sample Location

Sample Number	AGD66 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology
	Easting	Northing	RL (asl)			
ML050835	306348	8442908	336	Assay	Phr	Fine sandstone
ML050836	306747	8443054	314	Assay	Phr	Dirty sandstone
ML050837	306570	8442844	327	Assay	Phl	Fine sandstone
ML050838	291651	8434974	295	Assay	Pep	Volcanoclastic breccia
ML050839	297321	8434437	320	Assay	Phr	Hematitic Qtz pebble-cobble conglom
ML050840	295967	8430268	297	Assay	Phl	Fine grained sandstone
ML050841	278729	8449646	294	Assay	Peg	Granite
ML050842	278734	8449837	304	Assay	Peg	Granite
ML050843	278800	8449845	307	Assay	Peg	Granite
ML050844	278770	8449840	322	Assay	Peg	Massive specular hematite
ML050845	278774	8449838	316	Assay	Peg	Granite
ML050846	292202	8426891	322	Assay	Phe	Coarse-pebbly sandstone
ML050847	291857	8426996	298	Assay	Phe	Hematitic boulder conglomerate
ML050848	291770	8426850	318	Assay	K	Weathered volcanic
ML050849	291818	8426684	326	Assay	Phe	Hematitic pebble-cobble conglomerat