

Cameco Australia Pty. Ltd.

Nabarlek Project EL's 10176, 24371, 24372 - Outcrop Sample Locations 2006

Sample Number	EL Number	GDA94 Zone 53 (metres)			Sample Type	Mapped Formation	Lithology	Gamma Cps (counts per second)	Comments
		Easting	Northing	RL (asl)					
NA060001	EL10176	313256	8634432	88	ASSAY	Cz	Gravel	165	Sample taken from borrow pit
NA060002	EL10176	313838	8634252	102	ASSAY	Phe	Pebbly sandstone	45	
NA060003	EL10176	313774	8634270	99	ASSAY	Phe	Fine sandstone	40	
NA060004	EL10176	315826	8635320	85	ASSAY	Phe	Fine sandstone	35	
NA060005	EL10176	315832	8635094	83	ASSAY	Phe	Fine sandstone	70	
NA060006	EL10176	315866	8634890	107	ASSAY	Phe	Medium sandstone	35	
NA060007	EL10176	315075	8634848	92	ASSAY	Phe	Fine sandstone	600	
NA060008	EL10176	315061	8634848	92	ASSAY	Phe	Fine sandstone	600	
NA060009	EL10176	315085	8634854	107	ASSAY	Phe	Fine sandstone	550	
NA060010	EL10176	314418	8634268	43	ASSAY	Phe	Pebbly sandstone	60	
NA060011	EL10176	314400	8634316	53	ASSAY	Phe	Pebbly sandstone	75	
NA060012	EL10176	314359	8634300	72	ASSAY	Phe	Pebbly sandstone	200	
NA060013	EL10176	337245	8642724	92	ASSAY	Phe	Sandstone		
NA060014	EL24371	301204	8641608	47	ASSAY	Pxn	Gneiss		
NA060016	EL10176	301204	8641608	47	ASSAY	Pgn	Nabarlek Granite	350	
NA060017	EL10176	317014	8632024	178	ASSAY	Phe	Medium sandstone	65	
NA060018	EL10176	316888	8632198	189	ASSAY	Phe	Medium sandstone	60	
NA060019	EL10176	317048	8632214	183	ASSAY	Phe	Medium sandstone	65	
NA060020	EL10176	316919	8632446	183	ASSAY	Phe	Medium sandstone	50	
NA060021	EL10176	316492	8632990	119	ASSAY	Phe	Pebbly sandstone	55	
NA060022	EL10176	316403	8632934	140	ASSAY	Phe	Pebbly sandstone	60	
NA060023	EL10176	327835	8631118	156	ASSAY	Phe	Fine sandstone	45	
NA060024	EL10176	327400	8631426	154	ASSAY	Phe	Fine sandstone	45	
NA060025	EL10176	327219	8631658	145	ASSAY	Phe	Fine sandstone	45	
NA060026	EL10176	326979	8631818	152	ASSAY	Phe	Medium Sandstone	35	
NA060027	EL10176	326633	8632114	150	ASSAY	Phe	Fine sandstone	45	
NA060028	EL10176	326491	8632406	136	ASSAY	Phe	Fine sandstone	40	
NA060029	EL24371	300991	8640650	61	ASSAY	Pdo	Dolerite	35	
NA060031	EL24371	302216	8642364	56	ASSAY	Pdo	Dolerite	50	
NA060032	EL24371	302344	8640911	155	ASSAY	Pc	Pelitic schist	150	
NA060201	EL10176	314280	8634181	92	ASSAY	Phe	coarse grained sandstone	45	disrupted bedding, dissolution brecciation and fracturing within stratigraphic unit of sandstone

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NA060202	EL10176	314304	8634331	88 ASSAY	Phe	silicified shear zone (ex sdst)		60	silicified sheared mylonitised rock, possibly ex-sandstone, small micaceous flakes throughout sample
NA060203	EL10176	314501	8634210	87 ASSAY	Phe	silicified granule-stone HE Bx		70	closely spaced fracturing and brecciation
NA060601	EL10176	329078	8636525	89 ASSAY	Phe	Ferricrete		100	
NA060602	EL10176	329090	8636522	88 ASSAY	Phe	Sandstone		70	
NA060603	EL10176	330119	8636459	103 ASSAY	Phe	Sandstone		45	
NA060604	EL10176	330089	8636667	97 ASSAY	Phe	Sandstone		50	
NA060605	EL10176	330322	8636840	104 Mapping	Phe				
NA060606	EL10176	330899	8636670	96 ASSAY	Phe	Sandstone			
NA060607	EL10176	330899	8636669	96 ASSAY	Phe	Sandstone			
NA060608	EL10176	330920	8636909	99 Mapping	Phe				
NA060609	EL10176	330957	8636919	94 ASSAY	Phe	Psammite			
NA060610	EL10176	331023	8637133	99 Mapping	Phe				
NA060611	EL10176	331098	8637000	101 ASSAY	Phe	ferricrete			
NA060612	EL10176	331009	8636497	127 ASSAY	Phe	Sandstone			
NA060613	EL10176	328852	8636623	86 ASSAY	Phe				
NA060614	EL10176	328436	8636904	89 ASSAY	Pxm			170	
NA060615	EL10176	327429	8636500	97 ASSAY	Phe				
NA060616	EL10176	327412	8636419	102 ASSAY	Phe				
NA060617	EL10176	314298	8634152	99 ASSAY	Phe1	sandstone , minor floating pebbles		75	
NA060618	EL10176	314304	8634251	100 ASSAY	Phe	quartz breccia, locally micaceous		80	
NA060619	EL10176	314358	8634268	97 ASSAY	Phe	micaceous sdst layer, in sdsdt		85	
NA060620	EL10176	314569	8634176	ASSAY	Phe	brecciated sdst, hematitic matrix		55	
NA060621	EL10176	317268	8636443	97 ASSAY	Phe	desilicified sdst		130	
NA060622	EL10176	317239	8636290	109 ASSAY	Phe	ferruginous desilicified sandstone		95	
NA060623	EL10176	317275	8636137	119 ASSAY	Phe	ferruginous fracture in desilic ss		80	
NA060624	EL10176	317765	8635432	93 Mapping	Phe1				
NA060625	EL10176	317778	8635481	93 ASSAY	Phe	silicified sdst		40	
NA060626	EL10176	317650	8635452	94 ASSAY	Phe	silicified sdst		35	

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NA060627	EL10176	317280	8635503	99	ASSAY	Phe	desilicified sdst	50	
NA060628	EL10176	316779	8636552	84	Mapping	Cz	road sheeting	3300	waste rock from Nabarlek sheeting road
NA060800	EL10176	314312	8634240		Mapping	Pxm	Qtz-clay-feldspar-mica gneiss		Restricted basement outcrop in 345 trending valley that opens to the S at N-31. Outcrop is on E side of valley, forming an intensely foliated low rounded slab ~ 20 x 20 m.
NA060801	EL10176	309623	8630552		ASSAY	Phe	Orange coarse-v. coarse ss	45	Sample from same outcrop 1.5 m E of NA060802. Orange coarse to v. coarse sandstone. Minor desilicification. Interstitial limonite specks. Sample is rotten/weathered from being in creek.
NA060802	EL10176	309621	8630552		ASSAY	Phe	coarse-granule SS	45	Grey-white coarse sandstone with floating pebbles up to 6 cm diameter. Numerous joints in outcrop.
NA060803	EL10176	309606	8630564		ASSAY	Phe	Sandstone, coar-vcoar, li, qdz	240	Sample is rotten and weathered. Coarse-very coarse sandstone with interstitial brick red hematite, limonite and clay. Orange yellow sand grains.
NA060805	EL10176	309889	8630822		Mapping	Phe	Pebble-rich granulestone	80	Grey-cream granulestone with abundant pebble beds. Moderate interstitial clay and minor hem. Well bedded with mixture of planar and meter scale crossbeds.
NA060806	EL10176	309928	8630820		Mapping	Phe	Granulestone with slickensides	60	Granulestone outcrop with joints and slickensides on joint
NA060807	EL10176	309865	8630938		Mapping	Phe	Pebble rich granulestone	60	Well bedded pebble rich white-cream granulestone. Visited just for bedding measurement.

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NA060808	EL10176	310004	8631252		Mapping	Pxm	Qtz-mica-cy schist	140	Basement outcrop on lower slopes of low rise capped with large sandstone boulders. Subcrop possibly starts on N side of E-W creek, evidenced by mica in regolith.
NA060809	EL10176	309120	8630870		Mapping	Pdo	QMPL/Surtec trench	50	Old QMPL/Surtec trench/scrape in red clay soil after Oenpelli dolerite. Dolerite float scattered around trench.
NA060810	EL10176	308952	8630724		Mapping	Pxm	Qtz-rich Qtz-mica-clay schist	120	Basement exposure on top of hill ~200 m S of 809 and W of Myra Rd.
NA060811	EL10176	3089843	8630840		68 Mapping	Pdo	QMPL trench in pisoliths after pdo	110	Old QMPL/Surtec shallow trench/scrape exposing yellow brown clay and pisoliths. Locally about 20 cps higher than BG between trench and road.
NA060812	EL10176	308118	8630158		72 Mapping		Dry blacksoil swamp	130	Dry blacksoil plain ~150 m W of base of escarpment. Incised creek ~1.5-2 m deep runs through middle. Originally thought to be responsible for arad anomaly. Maybe 813 is?
NA060813	EL10176	308072	8630134		76 ASSAY	Pxm	Bleached mica clay schist	200	Well foliated, bleached and crenulated mica-clay schist exposed in bottom and sides of exposed creek. Very weathered.
NA060814	EL10176	307878	8630464		145 ASSAY	Phe	Coarse ss, cy	110	Coarse cream/pale orange sandstone with moderate interstitial clay and hematite. Sample collected from dip in escarpment at top of creek from 813.

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NA060815	EL10176	307922	8630422	139	ASSAY	Phe	med-coarse SS, cy, det mica	50	Pale orange med-coarse sandstone only ~5-10 meters above unconformity. Abundant floating pebbles up to 5 cm. Obvious detrital mica flakes up to 3 mm. Interstitial yellow-cream clay, when mixed with HED gives pale orange. Outcrop appears weakly silicified.
NA060816	EL10176	308028	8030403	142	ASSAY	Pxm	Qtz-cy-mica-hem schist	120	Med grained qtz-clay-mica-hem schist from within 0.5 m of unconformity, and immediately overlain by qtz boulder conglomerate. Schist looks remarkably unaltered for so close to unconformity.
NA060817	EL10176	308020	8630404	138	ASSAY	Pxm	Clay hem qtz rock	220	Clay-hem-qtz rock from about 50 m below unconformity, beneath small interval of rock similar to 817. Represents "red zone"?