

Cameco Australia Pty. Ltd.

Nabarlek Project EL's 10176, 24371, 24372 - Outcrop Sample Locations 2007

Sample Number	EL Number	AMG66-Zone 53 (metres)			Sample Location	Sample Type	Mapped Formation	Lithology	Gamma Cps (counts per second)	Comments
		Easting	Northing	RL (asl)						
NA070001	EL10176	326857	8634183		U65	Rock	Mamadawerre	SDST	80	Escarpment. Cream to pink c - vc pebble sandstone with drusy quartz veining.
NA070002	EL10176	326860	8634180		U65	Rock	Mamadawerre	FER	160	Gossanous scree/float; Dk rd - bk 'gossanous' scree/float possibly forming along joint planes
NA070003	EL10176	326998	8634213		U65	Rock	Mamadawerre	SDST	200	Escarpment. Friable c.gr sandstone; Drusy quartz vein along joint planes
NA070004	EL10176	326745	8634833		U65	Rock	Mamadawerre	SDST	80	Fine grained partly silicified sandstone with diagenetic silica overgrowths and lesigang banding
NA070005	EL10176	330320	8636220	125 N23		Rock	Mamadawerre	SDST	70	South of N23 Pb soil anomaly; Thin bedded m - cgr sandstone; thinly bedded l purple; friable
NA070006	EL10176	330396	8636285	127 N23		Rock	Mamadawerre	SDST	70	Mod bedded m - c.gr competent sandstone with l ye - l br limonite staining with minor dissolution
NA070007	EL10176	330270	8636370	105 N23		Rock	Ferricrete Cain	FER	70	Ferricrete float - dark red brown poorly sorted with mostly lithic fragments
NA070008	EL10176	330315	8636395	104 N23		Rock	Ferricrete Cain	FER	130	Ferricrete subcrop forming over Mamadawerre Sandstone. Mixture lithic fragments and pisoliths
NA070009	EL10176	330270	8636810	98 N23		Rock	Ferricrete Cain	FER	100	Ferricrete subcrop. Pisoliths and lithic fragments
NA070010	EL10176	330780	8636490	108 N23		Rock	Mamadawerre	SDST	140	Outcrop m.gr sandstone with irregular ferruginous banding. Adjacent to seep/soak
NA070011	EL10176	330945	8637535	104 N23		Rock	Myra Falls Met	AMPH	140	Amphibolite? subcrop weakly brecciated ferruginous amphibolite with trace spec hematite
NA070012	EL10176	330865	8637475	117 N23		Rock	Myra Falls Met	SCH	140	light grey to light brown qtz - musc schist partly brecciated with drusy quartz veining
NA070013	EL10176	330845	8636710	97 N23		Rock	Ferricrete Cain	FER	260	Ferricrete subcrop with pisolithic and lithic fragments
NA070014	EL10176	329300	8640915	115 Muddy Water		Rock	Myra Falls Met	QZBX	75	Outcropping ridge quartz breccia metamorphics

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NA070015	EL10176	311500	8631405	86		Rock		QZVN	80	dog-tooth quartz vein float with hm staining
NA070016	EL24372	340490	8638965	173		Rock	Mamadawerre	SDST	60	m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070017	EL24372	340705	8639180	182		Rock	Mamadawerre	SDST	60	m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070018	EL24372	340770	8639140	184		Rock	Mamadawerre	SDST	40	m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070019	EL24372	340385	8638730	151		Rock	Ferricrete Cain	FER	120	br - maroon hematitic lithic ferricrete float/subcrop
NA070020	EL24372	342715	8639485	99		Rock	Mamadawerre	SDST	60	m - c gr pink to purple mottled friable sandstone. Fallen blocks of m - gravel trough x-bedded sandstone, trace hematitic clay and spec hematite
NA070021	EL24372	342533	8639778	86		Rock	Nimbuwah Con	GRAN	150	w - l.gy c.gr eqigranular weathered granitic subcrop/float mixed with boulders of sandstone, close to u/c
NA070022	EL24371	330300	8636240	111	Nabarlek	Rock	Mamadawerre	SDST	45	pinkish sdst with some iron staining; sample from edge of escarpment
NA070023	EL24371	330300	8636270	110	Nabarlek	Rock	Mamadawerre	SDST	45	pinkish sdst with some iron staining; sample from edge of escarpment
NA070024	EL24371	330300	8636375	102	Nabarlek	Rock	Mamadawerre	SDST	50	pinkish sdst with some iron staining; sample from edge of escarpment
NA070301	EL24372	340319	8638780	147		Rock	Mamadawerre	SDST	45	f - m.gr sandstone, thinly bedded sequence. Weak honeycombe weathering, slightly knobby surface
NA070302	EL24372	340100	8638727	151		Rock	Mamadawerre	SDST	45	m.gr sandstone, cross-bedded sequence, weak honeycombe weathering
NA070303	EL24372	339960	8638649	148		Rock	Mamadawerre	SDST	85	f - m.gr sandstone, large X-bedded/massive sequence at base of linear gorge.
NA070304	EL24372	324813	8639850	80		Rock	Nimbuwah Con	GRAN	75	clay weathered granitoid with quartz grains within weathered groundmass
NA070305	EL24372	342472	8639759	102		Rock	Nimbuwah Con	QZBX	110	clay weathered granitoid with quartz grains within weathered groundmass

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NA073000	EL 24372	342340	8639784	118		Rock		SDST	70	md cs sandstone
NA073001	EL 24372	342343	8639790	124		Rock		GRGN	150	foliated granite gneiss
NA073002	EL 24372	342358	8640051	81		Rock		SCH	260	biotite schist gneissic bands within Nimbuwah Complex granitoids, lit-par-lit gneiss
NA073003	EL 24372	342360	8640069	112		Rock		SDST		md cs sandstone; sandstone at unconformity
NA073004	EL 24372	342321	8640036	106		Rock		FER		laminated ferricrete cap
NA073005	EL 10176	317186	8634657	149		Rock		SDST	50	friable sandstone, minor hematite staining
NA073006	EL 10176					Rock		SDST	40	spotty cs sandstone, hematite spotting after chlorite
NA073007	EL 10176	323507	8642066	123		Rock		SDST	40	cs gr sandstone, adjacent to kink fault/fold
NA073008	EL 10176	310772	8639444	190		Rock		SDST	50	hematite stained sandstone, hematite on bedding planes