

Cameco Australia Pty. Ltd.

Nabarlek Project EL's 10176, 24371, 24372 - Sample Descriptions and Physical Properties - 2007

Sample Number	Assay Code	Formation	Lithology	Outcrop Description	Total Gamma (Counts per Second)	Magnetic Susceptibility (SI Units)	Grain Size	Maximum Clast Size (mm)	Comments
NA070001	ASSAY	Phe	SDST	Escarpment	80	0.03	Coarse Sand: 0.5 - 1.0 mm		Escarpment. Cream to pink c - vc pebble sandstone with drusy quartz veining.
NA070002	ASSAY	Phe	FER	Scree	160	0.29			Dk rd - bk 'gossanous'scree/float possibly forming along joint planes
NA070003	ASSAY	Phe	SDST	Escarpment	200	0.02	Coarse Sand: 0.5 - 1.0 mm		Escarpment. Drusy quartz vein along joint planes, friable c.gr ss
NA070004	ASSAY	Phe	SDST	Base of escarpment	80	0.01	Medium Sand: 0.25 - 0.5 mm		Fine grained partly silicified sandstone with diagenetic silica overgrowths and lesigang banding
NA070005	ASSAY	Phe	SDST	Base of escarpment	70	0.02			South of N23 Pb soil anomaly. Thinly bedded l purple m - cgr friable sandstone
NA070006	ASSAY	Phe	SDST	Base of escarpment	70	0.01	Medium Sand: 0.25 - 0.5 mm		Mod bedded m - c.gr competent sandstone with l ye - l br limonite staining with minor dissolution
NA070007	ASSAY	Czl	FER	Float	70	0.4			Ferricrete float - dark red brown poorly sorted with mostly lithic fragments
NA070008	ASSAY	Czl	FER	Scattered Float/Subcrop?	130	0.2			Ferricrete subcrop forming over Mamadawere Sandstone. Mixture lithic fragments and pisoliths
NA070009	ASSAY	Czl	FER	Float	100	0.17			Ferricrete subcrop. Pisoliths and lithic fragments
NA070010	ASSAY	Phe	SDST	Subcropping ss to north of escarpment	140	0.37			Outcrop m.gr sandstone with irregular ferruginous banding. Adjacent to seep/soak
NA070011	ASSAY	Pxm	AMPH	Scattered low-lying subcrop	140	0.03			Subcrop Wx ferruginous amphibolite trace spec hematite
NA070012	ASSAY	Pxm	SCH	Subcrop	140	0.78			L.gy - l.br qtz - musc schist partly Bx with drusy quartz veining
NA070013	ASSAY	Czl	FER	Float/subcrop	260	0.33			Ferricrete subcrop with pisolithic and lithic fragments
NA070014	ASSAY	Pxm	QZBX	Ridge trending 015	75	0.03			Outcropping ridge quartz Bx metamorphics
NA070015	ASSAY	Pxm	QZVN		80	0.05			dog-tooth quartz vein float with hm staining
NA070016	ASSAY	Phe	SDST		60	0.07			m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070017	ASSAY	Phe	SDST		60	0.07			m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070018	ASSAY	Phe	SDST		40	0.09			m.gr friable sandstone with minor pervasive ferruginous staining sampling along ENE trending structure
NA070019	ASSAY	Czl	FER		120	3.93			br - maroon hematitic lithic ferricrete float/subcrop(?)
NA070020	ASSAY	Phe	SDST		60	0.09			m - c.gr pk - pu mottled friable sandstone. Fallen blocks of m - gravel trough X-bedded sandstone trace hematitic clay and spec hem?
NA070021	ASSAY	Pxn	GRAN		150	0.16			w - l.gy c.gr eqigranular weathered granitic subcrop/float mixed with boulders of Phe. Close to u/c?
NA070022	ASSAY	Phe	SDST	friable light pink sdst	45	0.05	Fine Sand: 0.125 - 0.25 mm		sample from edge of escarpment
NA070023	ASSAY	Phe	SDST	friable light pink sdst	45	0.05	Fine Sand: 0.125 - 0.25 mm		sample from edge of escarpment
NA070024	ASSAY	Phe	SDST	friable light pink sdst	50	0.1	Fine Sand: 0.125 - 0.25 mm		sample from base of escarpment
NA070301	ASSAY	Phe	SDST		45	0.07			f - m.gr sandstone, thinly bedded sequence. Weakly honeycomb Wx, slightly knobby surface

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NA070302	ASSAY	Phe	SDST		45	0.05			m.gr sandstone, cross-bedded sequence. Weakly honeycomb Wx
NA070303	ASSAY	Phe	SDST		85	0.09			f - m.gr sandstone, large X-bedded/massive sequence at base of linear gorge.
NA070304	Mapping	Pxn	GRAN		75				clay weathered granitoid with quartz grains within weathered groundmass
NA070305	ASSAY	Pxn	QZBX		110	0.43			clay weathered granitoid with quartz grains within weathered groundmass
NA073000	ASSAY	Pxn	SDST		70	0.07			Mamadawerre Sandstone
NA073001	ASSAY	Pxn	GRGN		150	0.12			Nimbuwah Complex
NA073002	ASSAY	Pxn	SCH		260	0.09			Nimbuwah Complex
NA073003	ASSAY	Phe	SDST			0.03			sandstone at unconformity
NA073004	ASSAY	Czl	FER			0.43			part of cap rolling down hill
NA073005	ASSAY	Phe	SDST		50	0.03			minor hematite staining
NA073006	ASSAY	Phe	SDST		40	0.05			hematite spotting after ??chl
NA073007	ASSAY	Phe	SDST		40	0.03			adjacent to kink fault/fold
NA073008	ASSAY	Phe	SDST		50	0.07			hematite on bedding plane