

Cameco Australia

Birraduk Project

2000 - 2001 Exploration on Drill Core

Item	Description	KUN001		KUN002		KUN005		KUN008		KUN009		Totals
		Sandstone	Basement	Sandstone	Basement	Sandstone	Basement	Sandstone	Basement	Sandstone	Basement	
Total Depth		419		344.6		266.6		265.8		206		1502
Depth (relative to surface)		0-261.6m	261.6-412.63m	0-239.4m	239.4-339.37m	0-152.1m	152.1-262.55m	0-162.1m	162.1-261.76m	0-132.1m	132.1-202.87m	
Logging Item												
Lithology	General lithology descriptions	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Detailed Lithology	Cumulative thickness (cm) of pebbles, granules, silt and clay intraclasts per row of core	Yes	-	-	-	-	-	-	-	-	-	
Structure (interval)	Interval information like fractures per metre, friability, recovery etc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Structure (point)	Point data like bedding, foliation and fracture information	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Alteration	Alteration interval information describing type, intensity and distribution											
Physical Properties	measurements taken from a representative sample selected from each row of core											
Magnetic Susceptibility	Measurements taken using an Exploranium KT-9 meter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Munsell Colours	primary and secondary colour recorded	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Grain size	average grain size from representative sample	Yes		Yes		Yes		Yes		Yes		
Competency	average competency from representative sample	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Friability	average friability from representative sample	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Sampling (number of samples)												
PIMA (samples)	PIMA measurement taken on sample from every row of core	282	50	266	54	163	35	177	27	149	1	1204
Geochemistry	5 m composite samples collected from representative samples	57	17	53	11	33	7	35	6	30	-	249
Petrography	Representative samples were selected for petrographic studies	57	10	51	11	33	7	35	6	30	-	240