

Kukalak thin-sections 2004

Station ID or Drill hole	Sample No.	UTM_E_66	UTM_N_66	Location	Formation	Drill or outcrop	Description	Depth	CPS	Type	Additional work	Specific queries
KL040001	KL04C10001	341860	8606280	Terrace Anomaly	Mamadawerre Sandstone	Outcrop	haematised massive basalt	NA	NA	Std		
KL040002	KL04C10002	341490	8601620	Quartzite Anomaly	Mamadawerre Sandstone	Outcrop	altered sandstone and dolerite	NA	NA	Std		
KL040004	KL04C10004	329140	8617830	Nick's Anomaly	Myra Falls Metamorphics	Outcrop	quartz-muscovite-biotite schist	NA	NA	Std		
KL040005	KL04C10005	328240	8623530	Unnamed anomaly on 250k map (#16)	Tin Camp Creek Granite	Outcrop	green banded glassy rhyolite Qtz porph	NA	NA	Std		
KL040006	KL04C10006	340820	8605030	Devil's Elbow - Radon Spring	Mamadawerre Sandstone	Outcrop	white medium grained sandstone	NA	NA	Std		
KL040009	KL04C10009	341530	8605640	Devil's Elbow	Mamadawerre Sandstone	Outcrop	white silicified quartz sandstone	NA	NA	Std		
KL040011	KL04C10011	341270	8605690	Devil's Elbow	Mamadawerre Sandstone	Outcrop	pale maroon medium sandstone with haem pits and fractures	NA	NA	Std		
KL040014	KL04C10014	341270	8605800	Devil's Elbow	Mamadawerre Sandstone	Outcrop	pale maroon medium sandstone with haem pits and fractures	NA	NA	Std		
KL040015	KL04C10015	341730	8605230	Devil's Elbow	Oenpelli Dolerite	Outcrop	equigranular fine grained dolerite	NA	NA	Std		
KL040019	KL04C10019	340740	8604380	Devil's Elbow - Ranger Fault South Splay	Mamadawerre Sandstone	Outcrop	medium grained pale yellow quartz sandstone	NA	NA	Std		
KL040022	KL04C10022	342130	8605400	Devil's Elbow; down stream from Ferricrete Anom	Nungbalgarri Volcanics	Outcrop	basalt bedrock with quartz filled vesicles	NA	NA	Std		
KL040024	KL04C10024	341890	8606260	Devil's Elbow; Terrace Anomaly	Nungbalgarri Volcanics	Outcrop	red ferruginised basalt with weathering related horiz foliation	NA	NA	Std		
KL040025	KL04C10025	341260	8604420	Devil's Elbow; Ranger Fault South Splay	Mamadawerre Sandstone	Outcrop	silicified pink quartz sandstone	NA	NA	Std		
KL040026	KL04C10026	341450	8604350	Devil's Elbow; Ranger Fault South Splay	Oenpelli Dolerite	Outcrop	soil and mixed dolerite and sandstone (regolith)	NA	NA	Std		
KL040030	KL04C10030	341680	8601930	Quartzite	Mamadawerre Sandstone	Outcrop	white silicified fine-med quartz sandstone	NA	NA	Std		
KL040031	KL04C10031	341320	8601300	Quartzite	Nungbalgarri Volcanics	Outcrop	grey massive microdolerite	NA	NA	Std		
KL040033	KL04C10033	341380	8601520	Quartzite	Mamadawerre Sandstone	Outcrop	brecciated sandstone	NA	NA	Std		
KL040034	KL04C10034	341630	8601360	Quartzite	Nungbalgarri Volcanics	Outcrop	black fresh microdolerite	NA	NA	Std		
KL040036	KL04C10036	341520	8605170	Devil's Elbow	Mamadawerre Sandstone	Outcrop	pebbly (quartz) sandstone	NA	NA	Std		
KL040040	KL04C10040	338900	8607730	Goomadeer Valley	Mamadawerre Sandstone	Outcrop	pebbly lithic sandstone with quartz pebbles	NA	NA	Std		
KL040041	KL04C10041	338940	8607840	Goomadeer Valley	Oenpelli Dolerite	Outcrop	coarse dolerite	NA	NA	Std	K-spar stain slab	
KL040042	KL04C10042	338260	8608430	Goomadeer Valley	Nungbalgarri Volcanics	Outcrop	mod fresh microdolerite	NA	NA	Std		
KL040051	KL04C10051	329740	8613590	Dog Leg south	Mamadawerre Sandstone	Outcrop	friable lithic pebbly clayey sandstone	NA	60	Std		is clay related to U mineralisation in adj Pdo?
KL040063	KL04C10063	330810	8613390	China Block	Nungbalgarri Volcanics	Outcrop	weathered ferruginous chloritic basalt with drusy Qtz-hem vugs & celadonite in vesic	NA	130	Std		alteration type?
KL040065	KL04C10065	330970	8613300	China Block	Nungbalgarri Volcanics	Outcrop	weathered green to brown mottled friable amygdaloidal basalt with high counts	NA	800	Std		U mineral?
KL040068	KL04C10068	330900	8612800	China Block	Nungbalgarri Volcanics	Outcrop	chloritised massive to vesicular basalt with hem-Qtz vugs	NA	130	Std		alteration type?
KL040069	KL04C10069	330980	8612860	China Block	Mamadawerre Sandstone	Outcrop	chl alt sst breccia along fault	NA	50	Std		alteration type?
KL040070	KL04C10070	330950	8613070	China Block	Nungbalgarri Volcanics	Outcrop	green chloritised basalt with drusy Qtz-hem vugs/veins	NA	250	Std		alteration type?
KL040078	KL04C10078	330170	8615380	Concordia Valley	Nungbalgarri Volcanics	Outcrop	fresh microdolerite	NA	120	Std		petrogenesis; flow or sill?
KL040079	KL04C10079	330030	8615510	Concordia Valley	Mamadawerre Sandstone	Outcrop	pebbly lithic sandstone	NA	50	Std		sst facies etc

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KL040091	KL04C10091	337620	8608490	Goomadeer Valley	Oenpelli Dolerite	Outcrop	unusual red/brown hard coarse porphyritic k-feldspar-plagioclase-mafic-quartz rock (?hybridised dolerite, granophyre or microgranite)		200	Std	K-spar stain slab	what sort of rock is this? Dolerite, hybrid or felsic intrusion
KL040093	KL04C10093	337840	8608400	Goomadeer Valley	Oenpelli Dolerite	Outcrop	unusual red/brown hard coarse porphyritic k-feldspar-plagioclase-mafic-quartz rock (?hybridised dolerite, granophyre or microgranite)	NA	200	Std	K-spar stain slab	what sort of rock is this? Dolerite, hybrid or felsic intrusion
KL040200	KL04C10200	328906	8618069	Caramal Re-Entrant	Oenpelli Dolerite	Outcrop	porphyritic dolerite	NA	NA	Std		
KL040201	KL04C10201	328981	8617980	Nicks Anomaly	Tin Camp Creek Granite	Outcrop	saprolitic clay altered/weathered rock	NA	NA	Std		
KL040203	KL04C10203	329250	8622401	Northern	Tin Camp Creek Granite	Outcrop	20cm xenolith of microgranite? within granite	NA	NA	Std		
KL040001	KL04C20001	341860	8606280	Terrace Anomaly	Mamadawerre Sandstone	Outcrop	pale pink sandstone	NA	NA	Std		
KL040005	KL04C20005	328240	8623530	Unnamed anomaly on 250k map (#16)	Tin Camp Creek Granite	Outcrop	grey porphyritic rhyolite (kfeld + qtz)	NA	NA	Std		
KL040014	KL04C20014	341270	8605800	Devil's Elbow	Mamadawerre Sandstone	Outcrop	porphyritic (megacrystic) dolerite with fine grained groundmass	NA	NA	Std		
KL040043	KL04C20043	338190	8608440	Goomadeer Valley	Nungbalgarri Volcanics	Outcrop	vein material only; quartz-haematite	NA	NA	Polished		
KL040065	KL04C20065	330970	8613300	China Block	Nungbalgarri Volcanics	Outcrop	pink silicified sandstone with U? in fracture	NA	300	Std		U mineral?
KL040201	KL04C20201	328981	8617980	Nicks Anomaly	Tin Camp Creek Granite	Outcrop	crystalline aplite? Thin dyke? Qtz-musc on surfaces	NA	NA	Std		
KL040202	KL04C20202	328958	8618323	Nicks Anomaly	Mamadawerre Sandstone	Outcrop	granule stone	NA	NA	Std		
KL040001	KL04C30001	341860	8606280	Terrace Anomaly	Mamadawerre Sandstone	Outcrop	haematized sandstone	NA	NA	Std		
KL040005	KL04C30005	328240	8623530	Unnamed anomaly on 250k map (#16)	Tin Camp Creek Granite	Outcrop	equigranular medium grd qtz-kfeld granite	NA	NA	Std		
KL040020	KL04C30020	340800	8604900	Devil's Elbow - Radon Spring	Mamadawerre Sandstone	Outcrop	friable sandstone	NA	NA	Std		
KL040005	KL04C40005	328240	8623530	Unnamed anomaly on 250k map (#16)	Tin Camp Creek Granite	Outcrop	granite breccia?	NA	NA	Std		
KLD011	KLD011-1158	329270	8615750	Dog Leg	Nimbuwah Complex	Drill	chlorite altered granite	115.8	80	Std		is the granite protolith evident or is alt pervasive composition?
KLD011	KLD011-1211	329270	8615750	Dog Leg	Nimbuwah Complex	Drill	fresh granodiorite	121.1	70	Std		
KLD017	KLD017-1550	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	garnet bearing granitic gneiss	155.0	80	Std		is this a garnetiferous sweat?
KLD017	KLD017-1638	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	mafic metasedimentary rock	163.8	80	Std		mafic protolith?
KLD017	KLD017-1785	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	mafic metasedimentary rock	178.5	80	Std		mafic protolith?
KLD017	KLD017-2040	328800	8616400	Dog Leg	Oenpelli Dolerite	Drill	?phonolite in metasst	204.0	60	Std		microdolerite or phonolite? Age?
KLD017	KLD017-2105	328800	8616400	Dog Leg	Oenpelli Dolerite	Drill	?phonolite	210.5	60	Std		microdolerite or phonolite? Age?
KLD017	KLD017-2119	328800	8616400	Dog Leg	Oenpelli Dolerite	Drill	?phonolite in metasst	211.9	60	Std		microdolerite or phonolite? Age?
KLD017	KLD017-2515	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	mafic gneiss	251.5	80	Std		how mafic?
KLD017	KLD017-2597	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	mafic gneiss	259.7	80	Std		how mafic?
KLD017	KLD017-2624	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	foliated porphyroblastic gneiss	262.4	90	Std		what is the fibrous material? Graphite?
KLD017	KLD017-2712	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	amphibolite?	271.2	80	Std		is it amphibolite or just mafic gneiss?
KLD017	KLD017-2791	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	garnet bearing granitic gneiss	279.1	80	Std		retrograde assemblage or alteration products?

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KLD017	KLD017-2898	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	foliated porphyroblastic gneiss	289.8	90	Std		what is the fibrous material? Graphite?
KLD017	KLD017-3189	328800	8616400	Dog Leg	Myra Falls Metamorphics	Drill	foliated porphyroblastic gneiss	318.9	90	Polished	describe	what is the fibrous material? Graphite?
KLD103	KLD103-1888	329062	8618856	Dog Leg	Tin Camp Creek Granite	Drill	uranium-bearing vein	188.8	NA	Polished	describe	what are the U-bearing and associated minerals
KLD104	KLD104-0798	340844	8604831	Devils Elbow	Mamadawerre Sandstone	Drill	pebbly sst	79.8		Std		clay alteration type
KLD104	KLD104-1038	340844	8604831	Devils Elbow	Mamadawerre Sandstone	Drill	coarse sst	103.8		Std		clay alteration type
KLD104	KLD104-1129	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt dolerite with vein	112.9		Polished		U mineral?
KLD104	KLD104-1237	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	granophyric dolerite	123.7		Std		granophyric texture
KLD104	KLD104-1354	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt dolerite	135.4		Std		alteration types (chl & hem op)
KLD104	KLD104-1487	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt dolerite	148.7		Std		U mineral?
KLD104	KLD104-1526	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	hem alt dolerite	152.6		Std		alteration type? K-feldspar?
KLD104	KLD104-1605	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	clay alt dolerite	160.5		Std		alteration clay type
KLD104	KLD104-1662	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	clay alt dolerite	166.2		Std		alteration clay type
KLD104	KLD104-1669	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt dolerite with vein	166.9		Polished		U mineral?
KLD104	KLD104-1700	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt dolerite with vein	170		Polished		U mineral?
KLD104	KLD104-2300	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	plag vein in dolerite	230		Std		magmatic vein?
KLD104	KLD104-2958	340844	8604831	Devils Elbow	Oenpelli Dolerite	Drill	chl alt frac dolerite	295.8		Std		U mineral? Nature of fractures
KLD104	KLD104-3167	340844	8604831	Devils Elbow	Mamadawerre Sandstone	Drill	coarse sst	316.7		Std		clay alteration type
KLD104	KLD104-3403	340844	8604831	Devils Elbow	Nimbuwah Complex	Drill	granitic gneiss	340.3		Std		composition/texture/foliation