

DataSet	Prospect	Hole_ID	Rig	mFrom	mTo	Formation	Rock1	Rock2	Rock1_Qual	Rock2_Qual	Colour	Regolith	Reg_Qual	Shear	Sulph+ Ore_%	Sulph+ Ore_Type	Vn_Type	Vn_%	Vn_Qual	Int_Alt	Alt_Type	Alt_Qual	Description	
***NOTE: Likely cross contamination of chips, from 36m to 102.6m																								
KUTh_2008	SEL26/2005	K26DD015	RC	0	3	Jdl	JDD		FG		R/B/A2	SOIL	F								40	FE/CY	U	Weathered dolerite, including Fe-rich soil
KUTh_2008	SEL26/2005	K26DD015	RC	3	6	Jdl	JDD		FG		A2/L2	SAPRK	F								10	FE/CY	U	Slightly weathered fine-grained dk blue dolerite. Fe-rich weathering most prevalent on fractured surfaces
KUTh_2008	SEL26/2005	K26DD015	RC	6	9	Jdl	JDD		FG		A2/L2	SAPRK	F								10	FE	U	As above
KUTh_2008	SEL26/2005	K26DD015	RC	9	12	Jdl	JDD		FG		A2/L2	SAPRK	F								10	FE	U	As above
KUTh_2008	SEL26/2005	K26DD015	RC	12	15	Jdl	JDD		FG		A2/L2	SAPRK	F								5	FE	U	As above, becoming fresher
KUTh_2008	SEL26/2005	K26DD015	RC	15	18	Jdl	JDD		FG		A2/L2	SAPRK	F								5	FE	U	As above, becoming fresher
KUTh_2008	SEL26/2005	K26DD015	RC	18	21	Jdl	JDD		FG		A2/L2	SAPRK	F								5	FE	U	As above, becoming fresher
KUTh_2008	SEL26/2005	K26DD015	RC	21	24	Jdl	JDD		FG		A2/L2	FRESH												Fresh unaltered fine grained dolerite
KUTh_2008	SEL26/2005	K26DD015	RC	24	27	Jdl/Ru	JDD	RST	FG		A2/A1	FRESH												Contact zone between the fresh dolerite and fresh siltstone
KUTh_2008	SEL26/2005	K26DD015	RC	27	30	Ru	RST				A1	FRESH												Fresh, soft light grey siltstone. Feldspathic & minute dk lithics dominate composition
KUTh_2008	SEL26/2005	K26DD015	RC	30	33	Ru	RST				A1	FRESH												As above
KUTh_2008	SEL26/2005	K26DD015	RC	33	36	Ru	RST				A1	FRESH												As above
KUTh_2008	SEL26/2005	K26DD015	RC	36	39	Ru/JDD	RST	JDD	HF		A1/A2	FRESH												Dominantly the soft siltstone, possible minor intrusion of the dolerite (fresh, 20%). Also includes baked fragments of the siltstone
KUTh_2008	SEL26/2005	K26DD015	RC	39	42	Ru/JDD	RST	JDD			A1/A	FRESH												as above, 40% dolerite
KUTh_2008	SEL26/2005	K26DD015	RC	42	45	Ru	RST				A1	FRESH												Soft lt grey siltstone. Difficult to find good sample, as RC hammer has virtually pulverised chips. Mush
KUTh_2008	SEL26/2005	K26DD015	RC	45	48	Ru/JDD	RST	JDD		FG	A1/A2	FRESH												possible small dolerite intrusion? Dolerite makes up approx 15% of sample
KUTh_2008	SEL26/2005	K26DD015	RC	48	51	Ru/JDD	RST	JDD		FG	A1/A2	FRESH												As above, with dolerite making approx. 40% of sample
KUTh_2008	SEL26/2005	K26DD015	RC	51	54	JDD/Ru	JDD	RST	FG		A2	FRESH												Dolerite, fresh
KUTh_2008	SEL26/2005	K26DD015	RC	54	57	Ru/JDD	RST	JDD	HF	FG	A1/A2	FRESH												dominantly light grey feldspathic siltstone with 15% dolerite. Bottom of dolerite intrusion/contamination?
KUTh_2008	SEL26/2005	K26DD015	RC	57	60	Ru/JDD	RST		HF		A1	FRESH		3										dominantly light grey feldspathic siltstone with 10% dolerite. very minor foliation present. Minor hornfels also present
KUTh_2008	SEL26/2005	K26DD015	RC	60	63	Ru	RST				A1	FRESH												mush, light grey siltstone as described above
KUTh_2008	SEL26/2005	K26DD015	RC	63	66	Ru/JDD	RST/RSS	JDD	HF	FG	A1/A2	FRESH												Dominantly the soft siltstone; often baked to dk green hornfels. Also includes minor aggregates of lithic sandstone, and dolerite 10%-20% (fresh)
KUTh_2008	SEL26/2005	K26DD015	RC	66	69	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	69	72	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	72	75	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	75	78	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	78	81	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH	F		0.5	PY								as above, with dolerite making approx. 40-50% of sample. Oxidation on some large fragments of dolerite. Very minor Pyrite present
KUTh_2008	SEL26/2005	K26DD015	RC	81	84	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												Dominantly the soft siltstone; often baked to dk green hornfels. Also includes minor aggregates of lithic sandstone, and dolerite 10%-20%
KUTh_2008	SEL26/2005	K26DD015	RC	84	87	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	87	90	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above
KUTh_2008	SEL26/2005	K26DD015	RC	90	93	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												as above, mush
KUTh_2008	SEL26/2005	K26DD015	RC	93	96	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH	F											Dominantly the soft siltstone. Dolerite approx.40% of sample; very dark grey to black. Often weakly ferruginised.
KUTh_2008	SEL26/2005	K26DD015	RC	96	99	Ru/JDD	RST/RSS	JDD		FG	A1/A2	FRESH												minor aggregates of lithic sandstone, and dolerite 10%; very dark grey to black (some oxidation)
KUTh_2008	SEL26/2005	K26DD015	RC	99	102.6	Ru/JDD	RSS/RST	JDD		FG	A1/A2	FRESH	F											Sample increasing in the % of sand sized particles (becoming more competent, dominantly feldspathic/lithic. Dolerite 30%, ferruginised)
EOH																								
KUTh_2008	SEL26/2005	K26DD015	DD	102.6	110.2	Ru	RSF	RSB	FU	FU	A/A2/D	FRESH		10				B	0.5	S				Grey upward bedded medium grained feldspathic sandstone. Dark grey to black carbonaceous "spots" throughout. Carbonate vein at 102.6m dipping 76degrees. Spots typically 2 to 3mm in diameter.
KUTh_2008	SEL26/2005	K26DD015	DD	110.2	110.27	Ru	RSF		FU		A/B1	FRESH		10							10	CH	U	Finely laminated horizontal to sub-horizontal grey to grey brown sandstone beds. Intermittent lighter beds are calcitic. Steeply dipping fracture face at 110.2m dipping around 70 degrees.

KUTH_2008	SEL26/2005	K26DD015	DD	110.27	111.7 Ru	RSU				A	FRESH		10									Grey mudstone - poor competence. Very broken from 110.27 to 111metres.	
KUTH_2008	SEL26/2005	K26DD015	DD	111.7	114.3 Ru	RSU				A	FRESH		10									Grey mudstone	
KUTH_2008	SEL26/2005	K26DD015	DD	114.3	114.57 Ru	RSS									B	20	S					Carbonate vein ~4mm thick dipping ~70degrees in fine grained grey sandstone.	
KUTH_2008	SEL26/2005	K26DD015	DD	114.57	115.15 Ru	RSS	RSU	FU	FU	A	FRESH		10									Grey fine grained grey sandstone and siltstone.	
KUTH_2008	SEL26/2005	K26DD015	DD	115.15	121.2 Ru	RSU		FU		A/B	FRESH		70									Fault within mudstone facies. Fault breccia @ 120metres. Clast & matrix supported with an orange brown muddy matrix	
KUTH_2008	SEL26/2005	K26DD015	DD	121.2	125.69 Ru	RSS		FU		A	FRESH											Grey fine grained sandstone with fractures dipping around 70degrees to horizontal.	
KUTH_2008	SEL26/2005	K26DD015	DD	125.69	126.8 Ru	RST	RSU	FU	FU	D/A2	FRESH		30						50	CH	SP	Black to dark grey mudstones becoming hornfelsic and in places ?silicified (hardness ~6), predominantly hardness is around <3. Chloritic. Alteration associated with proximal dolerite intrusion. Core broken and "blocky"/cobble sized fragments.	
KUTH_2008	SEL26/2005	K26DD015	DD	126.8	128.8 Ru	RST	RSS	FU	FU	A/A2	FRESH					B	0.5	S/T				Grey siltstone and interbedded sandstones. Carbonate vein x-cutting core at 127.6metres.	
KUTH_2008	SEL26/2005	K26DD015	DD	128.8	132.6 Ru	RST	RSS	FU	FU	A/A2/A1	FRESH		30				B	0.5	S/T			Core becoming increasingly hornfelsic with pervasive weak chloritisation and increasing hardness.	
KUTH_2008	SEL26/2005	K26DD015	DD	132.6	136 Jdl	JDD		MG		A	FRESH		5			B/L				CH	VSD/S	Fresh fine grained dolerite 50:50 plag:pyx. Several steeply dipping chlorite rich veinlets present. Veinlets react with HCL. Obvious Fe aureol associated with the veins. Core generally fractures along veinlets. Poorley consolidated interval @ 135.6 & 135m due to small shear zones, Chlorite rich within the sheer zones.	
KUTH_2008	SEL26/2005	K26DD015	DD	136	138.6 Jdl	JDD		MG		A	FRESH					B/L				CH	VSD	Very poorly consolidated interval with many horizontal breaks. Fine to Medium grained with pyx crystals distinctly larger than the plag groundmass. Only very minor CB and Chlorite veining, with fracturing along the vein.	
KUTH_2008	SEL26/2005	K26DD015	DD	138.6	147.4 Jdl	JDD		FG/MG		A	FRESH		5							CH/CB	S	Increasing coherence , although still >5 breaks/meter. Includes many small (up to 4cm wide) bands of coarse grained dolerite with sharp boundaries to FG dolerite above and below. @143m 10cm wide shear zone hosting chlorite and carbonates.	
KUTH_2008	SEL26/2005	K26DD015	DD	147.4	152.5 Jdl	JDD		MG/CG		A1/A2	FRESH											Interval characterised by several layers within the dolerite, alternating between MG and CG dolerite. Very sharp boundaries at start and end of the layers. Also changing ratio of pyx:plag in different layers. Increasing coherence, with several horizontal breaks present. No veining.	
KUTH_2008	SEL26/2005	K26DD015	DD	152.5	168.6 Jdl	JDD		CG		A	FRESH								10	CH	U	Very coherent coarse grained dolerite. Pyx crystals becoming asicular, up to 1-7mm long. Plag makes up the groundmass. No veining of fracturing. Dominantly pyx crystals; dk grey to bronze in colour. Some selective chlorite alteration present.	
KUTH_2008	SEL26/2005	K26DD015	DD	168.6	189 Jdl	JDD		CG/VCG		A/G	FRESH											Light green groundmass hosting large asicular pyx crystals often >1cm long. 4mm wide subvertical vein running most of interval, minor CB, dominantly pink-orange mineral H-5, vitreous, some peacock colouring. No fracturing associated with vein. Coherent interval.	
KUTH_2008	SEL26/2005	K26DD015	DD	189	200 Jdl	JDD		CG/MG		A2	FRESH			0.1	PY	L/B/Y		S		5	CH	V	Decreases grainsize from CG-MG over approx. 50cm. Coherent interval except at 1m long steeply dipping Chlorite+pyrite+CB vein. Centre of 1cm wide vein is soft black chlorite. Pyroxenes in the dolerite dominantly bronze in colour.
KUTH_2008	SEL26/2005	K26DD015	DD	200	215.5 Jdl	JDD		MG		A1/A	FRESH									CH	F	Dominantly lt grey groundmass. Coherent interval. Small fracture zone for 40cm leading up to 213 meter mark. Chlorite and CB present on soft puggy fracture surfaces. Becoming darker towards end of interval with increased fracturing towards end of interval.	
KUTH_2008	SEL26/2005	K26DD015	DD	215.5	218 Jdl	JDD		MG/CG		B/A	FRESH						B/Q			CH/SR	V	High level of fluid activity in this zone, with large amount of chlorite and sericite alteration associated with the vining. Dolerite hosting the veins is dominantly medium grained, but CG proximal to the veins. Euhedral tabular crystals of the pyroxene, some alteration to chlorite. Crystal growth within the voids often having a nodular/botreyoidal texture, xls are light brown/H-5-7: zeolites? Fe halo around the veins. Interval dominantly coherent, though porous.	
KUTH_2008	SEL26/2005	K26DD015	DD	218	219 Jdl	JDD		MG		A	FRESH											fresh unaltered med grained dolerite.	
KUTH_2008	SEL26/2005	K26DD015	DD	219	242 Jdl	JDD		MG		A	FRESH					B				8	CH	U	pyx bronzy coloured. Coherent, with approx 2-3 breaks per meter. Minor chlorite alteration. Very minor sub-vert carbonate veining.
KUTH_2008	SEL26/2005	K26DD015	DD	242	245.3 Jdl	JDD		MG/BX		A/B/G	FRESH		10			B				80	CB/CH/V		Strongly altered zone, with large amount of fracturing and minor brecciation. Mild slicken-slides on fracture surfaces. Large CB vins with associated FE-Oxide and chlorite alteration. Often euhedral clacite xls in the veins.
KUTH_2008	SEL26/2005	K26DD015	DD	244	245.3 Jdl	JDD		BX		W/A/B	FRESH					B						Large sheer/breccia zone. Middle of interval characterised by a large solid CB vein/breccia zone (greater than width of the core). Breccia zone CB hosted, with xenoliths of the dolerite within. Green clay associated with the interval. Grainsize of pyx increases with proximity to the vein.	
KUTH_2008	SEL26/2005	K26DD015	DD	245.3	252.6 Jdl	JDD		MG		A/A2	FRESH					B/L					CH/CY/IV	1 1cm wide steeply dipping vein. vein; clay and chlorite rich, unconsolidated, strongly altered/puggy material. Dominantly sericite & chlorite. Strong fe-oxide alteration halo around vein. Other than fracture associated with vein, very coherent interval.	