

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
KUTH_2008	SEL26/2005	K26DD019	RC	0	3	Jdl	LCY	LSO	HE	HE	R/B	USAP	F								CY	U	Red brown lateritic dolerite clay.
KUTH_2008	SEL26/2005	K26DD019	RC	3	6	Jdl	LCY	LSD	GO	GO	Y/B	USAP	F								CY	U	Yellow brown less oxidised dolerite clay with abundant weathered sand sized plagioclase crystals
KUTH_2008	SEL26/2005	K26DD019	RC	6	9	Jdl	LCY	LSD	GO	GO	Y/B	USAP	F								CY	U	As above with sand sized grains of highly weathered dolerite (<1mm)
KUTH_2008	SEL26/2005	K26DD019	RC	9	12	Jdl	LCY	LSD	GO	GO	Y/B	USAP	F									U	As above with increasing proportion of dolerite. Sand sized plagioclase particles within doleritic clay matrix.
KUTH_2008	SEL26/2005	K26DD019	RC	12	15	Jdl	JDD				B/Y	LSAP	F									U	Coarse sand sized, fine grained weathered dolerite. Proportion of clay has all but disappeared.
KUTH_2008	SEL26/2005	K26DD019	RC	15	18	Jdl	JDD				B/Y	LSAP	F										As above with 5 - 15% red/brown clay. Interpreted to be a minor fracture within the dolerite.
KUTH_2008	SEL26/2005	K26DD019	RC	18	21	Jdl	JDD				B/Y	LSAP	F										As above.
KUTH_2008	SEL26/2005	K26DD019	RC	21	24	Jdl	JDD				B/Y	LSAP	F										Coarse sand sized, fine grained weathered dolerite. Proportion of clay has all but disappeared.
KUTH_2008	SEL26/2005	K26DD019	RC	24	27	Jdl	JDD				0	FRESH											Fresh coherent fine grained dolerite.
KUTH_2008	SEL26/2005	K26DD019	RC	27	36	Jdl	JDD				A2/D	FRESH											As above.
KUTH_2008	SEL26/2005	K26DD019	RC	36	42	Jdl	JDD				A2/OB	FRESH									CY	F	Predominantly fresh coherent fine grained dolerite with minor clay. Interpreted as minor fracture infill.
KUTH_2008	SEL26/2005	K26DD019	RC	42	57	Jdl	JDD				A2/OB	FRESH									CY	F	Predominantly fresh coherent dolerite with very weathered sand sized plagioclase crystals and orange/brown clay. Interpreted as minor fault/fracture infill.
KUTH_2008	SEL26/2005	K26DD019	RC	57	60	Jdl	JDD				A2/OB/W	FRESH											As above with increasing proportion of weathered sand sized grains of dolerite and minor sericite associated with minor (mm scale) veins and/or faults. Interpreted as a small fracture.
KUTH_2008	SEL26/2005	K26DD019	RC	60	63	Jdl	JDD				A2/O/B	FRESH					Z/Q/B						Fresh coherent ophitic dolerite intermixed with minor (2 - 5%) weathered Fe stained sand sized particles of plagioclase and possibly very minor quartz-carbonate vein debris.
KUTH_2008	SEL26/2005	K26DD019	RC	63	66	Jdl	JDD				A2/O/B	FRESH											As above with increase in proportion of Fe stained sand sized particles (5 - 10%).
KUTH_2008	SEL26/2005	K26DD019	RC	66	75	Jdl	JDD				A2/O/B	FRESH					Z/Q/B						As above with significant increase in Fe stained fracture fill (~10%) with possible quartz/carbonate and sericite associated with minor (mm scale) veins and/or faults. Interpreted as a small fracture.
KUTH_2008	SEL26/2005	K26DD019	RC	75	78	Jdl	JDD				A2/OB	FRESH					Z/Q/B					F	As above with minor clay and sericite associated with minor (mm scale) fracture fill, veins and/or fault(s).
KUTH_2008	SEL26/2005	K26DD019	RC	78	81	Jdl	JDD				O/B/A2	FRESH					Z/Q/B					S	As above with significant increase in Fe stained clay (20 - 40%). Interpreted as a fault.
KUTH_2008	SEL26/2005	K26DD019	RC	81	90	Jdl	JDD				A2/O/B	FRESH					Z/Q/B					F	As above with significant decrease in clay. Sericite associated with minor (mm scale) fracture fill, veins and/or fault(s). Quartz carbonate and sericite vein debris (2 - 5%).
KUTH_2008	SEL26/2005	K26DD019	RC	90	102.16	Jdl	JDD				A2/O/B	FRESH											Fresh coherent ophitic dolerite with significant decrease in proportion of Fe stained fragments constituting <5% of chips.
KUTH_2008	SEL26/2005	K26DD019	DD	102.16	107.25	Jdl	JDD		CG		L/G/A2	FRESH											Blue grey coarse grained dolerite. Ophitic texture with pyroxenes giving a "spotted" texture to core. Core broken at regular intervals ≥ 10cm dipping 3 main orientations: ~67, 30 degrees and sub vertically. Minor chlorite with zeolite and carbonate veins sub mm scale and sparse. Dolerite weakly magnetic.
KUTH_2008	SEL26/2005	K26DD020	DD	107.25		Jdl	JDD		CG		W	FRESH					Z/B	1	S	10	CH	VP	V.minor fault infilled with zeolite. Core becoming broken to blocky below 108.3 to 109.7. Core weakly magnetic.
KUTH_2008	SEL26/2005	K26DD021	DD	113.6	113.90	Jdl	JDD		CG		L/G/A2	FRESH					B/Z	10	S	10	CH	VP	Steeply dipping calcite/zeolite vein with v.minor brecciation/faulting. Dip ~82 degrees.
KUTH_2008	SEL26/2005	K26DD022	DD	113.9	125.60	Jdl	JDD		CG		L/G/A2	FRESH											Coarse grained dolerite - moderate to good competence.
KUTH_2008	SEL26/2005	K26DD023	DD	125.6	126.10	Jdl	JDD				W	FRESH											Small fault containing talc/?gypsum very soft - (likely to be the former) with minor carbonate. Core blocky and broken within this interval. Dip ~80degrees. Core weakly magnetic.
KUTH_2008	SEL26/2005	K26DD024	DD	126.1	137.80	Jdl	JDD		CG		L/G/A2	FRESH					B/Z	0.5	S	10	CH	VP	Blue grey coarse grained dolerite. Ophitic texture with pyroxenes giving a "spotted" texture to core. Minor chlorite with zeolite and carbonate veins sub mm scale and sparse. Dolerite weakly magnetic.
KUTH_2008	SEL26/2005	K26DD025	DD	137.8		Jdl	JDD		CG		L/G/A2/W	FRESH					B	10	S				Steeply dipping vuggy and drusy calcite filled sheeted vein suite. Discontinuous to 139.6. Core broken between 138.7 to 139.6m.
KUTH_2008	SEL26/2005	K26DD026	DD	143.5	144.10	Jdl	JDD		CG		L/G/A2/W	FRESH					B	1	S	10	CH	VP	Sub horizontal anastomosing - wispy calcite veins. Dolerite containing bronze ?orthopyroxene phenocrysts. Chlorite aureole spreading from veins into the dolerite.
KUTH_2008	SEL26/2005	K26DD027	DD	144.1	161.12	Jdl	JDD		CG		L/G/A2/W	FRESH					B/Z	0.5	S	10	CH	VP	Competent coarse grained ophitic dolerite. Irregularly spaced mm scale sub-horizontal white calcite/zeolite veins. Dolerite weakly magnetic with irregularly spaced minor increases.
KUTH_2008	SEL26/2005	K26DD028	DD	161.2	165.08	Jdl	JDD		CG		L/G/A2/W	FRESH					Z	0.5	S				Steeply dipping vuggy, drusy zeolite filled veins. Dip ~72 degrees. Veins sub cm thickness.

KUTh_2008	SEL26/2005	K26DD029	DD	164.27		Jdl	JDD				W	FRESH		20			TC/B/Z	10	S				Small fault associated with talc/carbonate/zeolite vein dipping ~75degrees and ~ 2cm thick with minor brecciation.
KUTh_2008	SEL26/2005	K26DD030	DD	167.6		Jdl	JDD				W	FRESH		30					S	10	CH	VP	Fault - talc/carbonate filled with brecciation. Vein/fault thickness >3cm dipping ~75 degrees. Chlorite alteration throughout vein with minor localised alteration of dolerite.
KUTh_2008	SEL26/2005	K26DD031	DD	178.64	178.77	Jdl	JDD		CG/FG		L/G/A2	FRESH											"dyke" ~13cm thick of much finer grained dolerite cross-cutting coarse grained dolerite. Contact is gently dipping ~15degrees. Pyroxene phenocrysts shrink from 53mm to sub-mm scale.
KUTh_2008	SEL26/2005	K26DD032	DD	178.77	184.80	Jdl	JDD		CG		L/G/A2/D	FRESH											Irregular black cm scale "patches" with massive texture which are typically more magnetic and pyroxene poor irregularly spaced within this interval. Very coarse pyroxene phenocrysts up to 1.5cm at 180.19 to 180.27m.
KUTh_2008	SEL26/2005	K26DD033	DD	181.5		Jdl	JDD					FRESH					TC/Z	10					~ 10mm thick talc/zeolite vein. Minor brecciation within vein.
KUTh_2008	SEL26/2005	K26DD034	DD	186	186.50	Jdl	JDD		CG		L/G/A2/D/W	FRESH		10			Z	1					Steeply dipping veins with probable minor displacement.
KUTh_2008	SEL26/2005	K26DD035	DD	188.3		Jdl	JDD		CG		L/G/A2/D/W	FRESH					B	1					Sub-horizontal carbonate vein ~1cm thick.
KUTh_2008	SEL26/2005	K26DD036	DD	190.8		Jdl	JDD		CG		L/G/A2/D	FRESH											Pyroxene phenocrysts decreasing in size to <0.5mm to 191m. At 191m phenocryst size increases marginally to 191.12m with a return to coarse grained dolerite below this.
KUTh_2008	SEL26/2005	K26DD037	DD	191.12	196.20	Jdl	JDD		CG		L/G/A2/D	FRESH						10	S	10	CH	VP	Core becoming broken with minor faults spaced within this zone, within coarse grained dolerite. Minor Fe staining occurring as an alteration aureole from zeolite/talc/gypsum filled fractures which are also chloritic.
KUTh_2008	SEL26/2005	K26DD038	DD	204	216.60	Jdl	JDD		CG		L/G/A2/D	FRESH											Coarse grained competent dolerite.
KUTh_2008	SEL26/2005	K26DD039	DD	216.60	219.50	Jdl	JDD		CG/VCG		L/G/A2/D	FRESH											Pyroxenes becoming dominant and coarse to very coarse with an increase in "massive" textured black "patches" - possibly magnetite/?hornblende.
KUTh_2008	SEL26/2005	K26DD040	DD	219.50	226.00	Jdl	JDD		CG		L/G/A2/D	FRESH					B/Z	0.5					Coarse grained dolerite - good competence with minor scattered mm scale zeolite/carbonate veins dipping ~70degrees
KUTh_2008	SEL26/2005	K26DD041	DD	226.00	252.00	Jdl	JDD		CG		L/G/A2/D	FRESH					B/Z	0.5	S/T				Decreasing competence with increasing fracture density. Fault at 242.85m with very minor scattered, stockworked veins mm scale. Dolerite coarse grained to EOH with slight variations in size but variations are very minor. Veins generally sub cm scale dipping in 3 orientations: approx <15, 50 and 75 degrees respectively.