

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	SEL45/2007	K45DD029	RC	0	3	Jdl	JDD		LCY		B1	SOIL	F										Brown sandy clay plus minor organic content from surface.	
KUTh_2008	SEL45/2007	K45DD029	RC	3	6	Jdl	JDD		LCY		B1	SOIL	F/G										weakly consolidated gravely light brown soil	
KUTh_2008	SEL45/2007	K45DD029	RC	6	9	Jdl	JDD		LGR		B	USAP	M							70	CY		Weathered dolerite, minor original fabric preserved (ie texture of the pyroxene xls preserved). Gravely, ferruginised. pervasive selective replacement by white clay of plag.	
KUTh_2008	SEL45/2007	K45DD029	RC	9	12	Jdl	JDD		FG		A	SAP											Dolerite becoming fresh. Minor amount of weathering present (ferruginised). Otherwise fine grained fresh dolerite	
KUTh_2008	SEL45/2007	K45DD029	RC	12	15	Jdl	JDD		FG		A	FRESH											Fresh unaltered fine grained dolerite.	
KUTh_2008	SEL45/2007	K45DD029	RC	15	18	Jdl	JDD		FG		A	FRESH											as above	
KUTh_2008	SEL45/2007	K45DD029	RC	18	21	Jdl	JDD		FG		B2	FRESH					B	0.5		20	FE	U	FG dolerite with minor carbonate + gypsum veining. The dolerite groundmass often brown discolouring in association with the veining.	
KUTh_2008	SEL45/2007	K45DD029	RC	21	24	Jdl	JDD		FG		B2	FRESH					B	0.5		20	FE	U	Euhedral very fine prismatic masses of zeolites forming in association with carbonate veins. Interval displays weathering and aggregates of orange clay, could be associated with the veining, or a small shear zone.	
KUTh_2008	SEL45/2007	K45DD029	RC	24	27	Jdl	JDD		FG		A	FRESH					B	0.1					Fresh dark grey/blue fine grained dolerite with very minor carbonate. Minor grey sericitic clay on a minor proportion of the chips suggestive of small fracture system.	
KUTh_2008	SEL45/2007	K45DD029	RC	27	30	Jdl	JDD		FG		A	FRESH					B	0.1					as above with the presence of very minor Fe staining.	
KUTh_2008	SEL45/2007	K45DD029	RC	30	33	Jdl	JDD		FG		A	FRESH					B	0.1					as above with no Fe staining.	
KUTh_2008	SEL45/2007	K45DD029	RC	33	36	Jdl	JDD		FG		A	FRESH			0.1	PY	B	0.1					Euhedral fg plagioclase & pyroxene phenocrysts with very minor disseminated pyrite. Minor Fe staining on some chips and minor carbonate.	
KUTh_2008	SEL45/2007	K45DD029	RC	36	39	Jdl	JDD		FG		A	FRESH					B	0.1					fg dolerite with minor carbonate. Proportion of Fe staining increasing and no pyrite seen.	
KUTh_2008	SEL45/2007	K45DD029	RC	39	42	Jdl	JDD		FG		A	FRESH			0.1	PY							Medium grained dolerite increasing in competence with minor disseminated pyrite.	
KUTh_2008	SEL45/2007	K45DD029	RC	42	45	Jdl	JDD		FG		A	FRESH			0.1	PY	B	0.1					Competent medium grained dolerite with minor carbonate & pyrite (<0.5%)	
KUTh_2008	SEL45/2007	K45DD029	RC	45	48	Jdl	JDD		FG		A	FRESH					B	0.1					Carbonate content increasing within competent fine grained dolerite	
KUTh_2008	SEL45/2007	K45DD029	RC	48	51	Jdl	JDD		FG		A	FRESH					B	0.1					Dolerite chips becoming finer some zeolite present and minor carbonate	
KUTh_2008	SEL45/2007	K45DD029	RC	51	54	Jdl	JDD		FG		A	FRESH					B	0.1					Competent fg dolerite with very minor Fe staining on some chips. Carbonate and minor zeolite also present.	
KUTh_2008	SEL45/2007	K45DD029	RC	54	81	Jdl	JDD		FG		A	FRESH											fresh grey dolerite with very minor <1mm cb veining.	
KUTh_2008	SEL45/2007	K45DD029	RC	81	99	Jdl	JDD		FG		A	FRESH					B/G	2		20	FE/CH	VSD	moderately talc-cb-gyp veined dolerite, with chlorite+Fe selvage to veins. Veins >5mm wide. Vein material very soft - clayey in chip tray in parts.	
KUTh_2008	SEL45/2007	K45DD029	RC	99	102	Jdl	JDD		FG		A	FRESH					B	0.1					fresh grey dolerite, very minor cb veining.	
					EOH																		Geologist: K Heynes	
KUTh_2008	SEL45/2007	Murdunna	DD	102	112.6	Jdl	JDD			CG/MG	A	FRESH						B/Z/TC/G	1	S	10	CH/FE	VP	mcg dol with regular (=/- 1/m) sheeted cb-zeolite-talc+/-gyp vns typically 0.5-1cm thick dipping ~70deg. Very minor patchy chlorite assoc with vns. Half the vns within this interval are pink and Fe stained and the calcite is brownly grey.
KUTh_2008	SEL45/2007	Murdunna	DD	112.6	117	Jdl	JDD			CG/MG	A	FRESH		10				B/Z/TC	1	S	10	CH/FE	VP	as above with increasing intensity of veining. Minor bronzite within majority of Fe alteration haloes surrounding vns with core becoming less competent.
KUTh_2008	SEL45/2007	Murdunna	DD	117	121	Jdl	JDD			CG	A	FRESH		20				B/Z	1	S/T/A	20	CH/FE	VP	cg dolerite becoming more intensely Fe altered with assoc increase in veining. Bronzite becoming very common.
KUTh_2008	SEL45/2007	Murdunna	DD	121	123.75	Jdl	JDD			FR	A	FRESH		20				B/Z/TC	1	S/T/A	20	FE	S	Dominantly fault pug composed of carbonate clay and doleritic gravel and sericite.
KUTh_2008	SEL45/2007	Murdunna	DD	123.75	126.54	Jdl	JDD			CG/FR	A	FRESH		10				B/TC/Z	1	S	10	FE/CH	S	cg dolerite, fractured with dominantly talc-zeolite-cb vein up to 1.5cm thick, // to c.a. Significant alteration halo surrounding vn.
KUTh_2008	SEL45/2007	Murdunna	DD	126.54	140	Jdl	JDD			CG	A	FRESH						Z/B	0.1	S	10	FE/CH	VP	Dominantly competent cg dolerite with minor fine and mg zones. Very few veins within this interval, and alteration very minor and restricted to veins.
KUTh_2008	SEL45/2007	Murdunna	DD	140	163	Jdl	JDD			CG/MG	A	FRESH						B/Z	0.5	S	10	FE	VP	cg dolerite with minor mg intervals. Veins dominantly sheeted and generally <7mm thick and dipping ~70deg.
KUTh_2008	SEL45/2007	Murdunna	DD	163	171.97	Jdl	JDD			CG	A	FRESH						Z/B	0.1	S				Veins increasing between 163-166m. Dolerite competent and becoming lighter at around 166.8m although boundary diffuse.
KUTh_2008	SEL45/2007	Murdunna	DD	171.97	175.99	Jdl	JDD			FG/MG	A	FRESH						Z/B	0.5	S				Competent fg dolerite with minor mg interval @ 175m.
KUTh_2008	SEL45/2007	Murdunna	DD	175.99	190.36	Jdl	JDD			CG	A	FRESH			0.5	PY	B/G/Z	0.5	S	10	CH	VP	Dominantly cg dolerite with minor zeolite/carbonate veins with patchy chlorite within veins, dipping ~80deg.	
KUTh_2008	SEL45/2007	Murdunna	DD	190.36	195.3	Jdl	JDD			CG	A	FRESH						B/Z	0.1	S				grainsize variable within competent Jdl and minor zeolite veins with subordinate cb (calcite) vns.
KUTh_2008	SEL45/2007	Murdunna	DD	195.3	214.37	Jdl	JDD			CG/MG	A	FRESH						B/Z	0.1	S				Competent cg dol with minor finer grained intervals. Almost no veins within this interval.
KUTh_2008	SEL45/2007	Murdunna	DD	214.37	219.47	Jdl	JDD			MG	A	FRESH		10				B/Z/TC	25	S	10	FE/CH	VP	mcg Jdl - bkn with steeply dipping talc-zeolite-cb vein running sub// to c.a. Fe staining dominant with qweathered pyx with some bronzite.
KUTh_2008	SEL45/2007	Murdunna	DD	219.47	225.5	Jdl	JDD			CG	A	FRESH											competent vcg dol - no vns.	
KUTh_2008	SEL45/2007	Murdunna	DD	225.5	228	Jdl	JDD			MG/FG	A	FRESH		10				Z/B	1	S/A	0.1	SE		mtg dol with zeolite. Cb vns sheeted and dipping 60-70deg. Vns becoming anastomising @ 227m.
KUTh_2008	SEL45/2007	Murdunna	DD	228	252.1	Jdl	JDD			MG/CG	A	FRESH		10				Z/B/TC	0.1	S				Competent cmg Jdl. Grainsize variable within mg-cg. Scattered steeply dipping sheeted veins dominantly zeolite-cb with zeolite-cb-talc vein @ 248m.