

DataSet	Prospect	Hole_ID	m From	m To	Formation	Rock1	Rock2	Rock1_Qu al	Rock2_Qu al	Colour	Regolith	Reg_Qu Qual	Shear	Sulph+Or e_%	Sulph+Or e_Type	Vn_Type	Vn_%	Vn_Qual	Int_Alt	Alt_Type	Alt_Qual	Description
KUTh_2008	SEL26/2005	K26DD035		0	3 SDs	OSL		S/Q		Y/B1	SAP	W	20									Light yellow brown clayey quartz mudstone/siltstone - sericitic. Cleavage well developed.
KUTh_2008	SEL26/2005	K26DD035	3	6	SDs	OSL		S/Q		B1/A1	SAP	W	20									Light grey brown silty mudstone. Cleavage as above.
KUTh_2008	SEL26/2005	K26DD035	12	15	SDs	OSL		S		A	SAP	W	20									Grey quartz silty mudstone.
KUTh_2008	SEL26/2005	K26DD035	15	21	SDs	OSB		GP		A2	SAPRK		20	0.1	PY				20	SR	U	Grey sericitic silty mudstone becoming carbonaceous
KUTh_2008	SEL26/2005	K26DD035	21	24	SDs	OSB		GP		A2	FRESH		20	0.1	PY				20	SR	U	Grey to dark grey carbonaceous pyritic silty mudstone with subordinate yellow brown mudstone/siltstone.
KUTh_2008	SEL26/2005	K26DD035	24	39	SDs	OSB		GP		A2	FRESH		20	0.1	PY							Dominantly carbonaceous pyritic silty mudstone with quartz and minor pyrite - disseminated.
KUTh_2008	SEL26/2005	K26DD035	39	54	SDs	OSB		GP		A2	FRESH		20	0.1	PY							dark grey to black carbonaceous silty mudstone with disseminated pyrite and abundant quartz with subordinate light grey to light brown silty mudstone.
KUTh_2008	SEL26/2005	K26DD035	54	102	SDs	OSB		GP		A2/D	FRESH		20	0.1	PY							As above with increased competence and little to no mud.
KUTh_2008	SEL26/2005	K26DD035	102	109.25	SDs	OSB	OSU	GP/FT	FT/LA	D/A1	FRESH		35	2	PY							Interbedded pyritic black shale (graphitic) & pale grey laminated mudstone. Lenticular pyrite porphyroblasts occur along sub-horizontal cleavage planes (@45deg to c.a.). Core strongly foliated. Bedding is at 75deg to c.a. @ 103.56m; 55deg to c.a. @ 103m. Pyrite/zeolite(?) nodules up to 100m long, 10mm wide.
KUTh_2008	SEL26/2005	K26DD035	109.25	138.94	SDs	OSU	OSB	FT/LA/FR	GP/FT/FR	D/A1	FRESH		35	1	PY				15	CY	F	As above but commonly highly fractured (more pale grey muds than carbonaceous muds) sometimes with dark and grey clay alt'n in fracture zones. Shiny black graphite occurs on fol'n surfaces within the black pyritic mudstones. Foliation is 50deg to c.a., bedding is at 40deg to c.a. @ 113.15m; 50deg to c.a. @ 120.9m; 30deg to c.a. @ 126.6m (highly variable bedding orientation suggests a highly folded environment).
KUTh_2008	SEL26/2005	K26DD035	138.94	143.6	SDs	OSU	OSB	FT/LA	GP/FT	A1/D	FRESH		35	1	PY		1 Z		20	SR	U	Predom strongly fol'd, pale grey mudstone with minor (<20cm) graphitic, pyritic black mudstone, interbedded tt. Zeolite vns, vuggy, are up to 5mm thick, cross-cut the fol'n as well as // to the fol'n. Veins are deformed within the graphitic layers. Fol'n is at 30deg to c.a. Cross-cutting zeolite vns are at 45-50deg to c.a., bedding is at 30deg to c.a. @ 139.9m and 138.94m. 45 deg to c.a. @ 143.6m.
KUTh_2008	SEL26/2005	K26DD035	143.6	146.54	SDs	OST/OSU	OSB	FT/LA/FR	GP/FT/FR	A1/D	FRESH		35	1	PY		0.5 Z		20/20	SR/CY	UU	interbedded pale grey mudstones and carbonaceous black mudstones. Minor siltstone intervals within the pale grey mudstones. Se along fol'n places. Very thin Zeolite vns <0.1mm thick. Sml (10cm) zones of cy alt'n within the pale grey mudstone. Bedding 40deg to c.a. @ 143.85m; foliation: 40 deg to c.a. @ 145.8m & 50deg to c.a. @ 145.6m.
KUTh_2008	SEL26/2005	K26DD035	146.54	168.6	SDs	OST/OSU	OSB	FT/LA	GP/FT	A1/D	FRESH		20	1	PY							Py highly diss'd tt black mudstones. Much more competent interbedded siltstones and carbonaceous mudstones. Large interval of black mudstone between 153.2 - 160.1m. Siltstone predom over mudstone with depth. Bedding : 20deg to c.a. @ 154.4m; 45deg to c.a. @ 149.1m; 55deg to c.a. @ 164m; 30deg to c.a. @ 146.75m. Foliation: very steep - 10-20deg to c.a.
KUTh_2008	SEL26/2005	K26DD035	168.6	171.1	SDs	OST	OSB	FT/LA/FR	GP/FT/FR	A1/D	FRESH		30	0.5	PY							Interbedded pale grey siltstones and black graphitic shale, very broken. Shiny graphite on foliation surfaces.
KUTh_2008	SEL26/2005	K26DD035	171.1	189.53	SDs	OSB	OST	GP/FT	FT/LA	D/A1	FRESH		30	1	PY							Competent black shale-dominatn interval. Shale interbeddedwith pale grey siltstone, occasional py-Z(?) nodules, often lenticular and // to foliation, occur throughout interval. 187.15m: QV, deformed, 30mm, laminated with black shale/graphite. Bedding: less variable in this interval. 55deg to c.a. @ 182.3m; 55deg to c.a. @ 189.6m.
KUTh_2008	SEL26/2005	K26DD035	189.53	200.94	SDs	OSB	OST	GP/FT	FT/LA	D/A1	FRESH		30	3	PY		Q/Z		2	LA/V		As above but increased py/qz nodules and rare py/zeolite. Very deformed, up to 8mm thick, very vuggy.
KUTh_2008	SEL26/2005	K26DD035	200.94	221.83	SDs	OSB	OSU/OST	GP/FT	B/A1	D/A1	FRESH		30	2	PY		Q/Z		3	LA/V		As above but mudstone >siltstone. Decreased py nodules and increased qz and zeolite veining. Two distinct vein stages, one post and opne pre-folding (bvery folded). 211m QV is at 60deg to c.a. (consistent post-fold vn orientation through interval) Bedding 42sdeg to c.a. @ 201.25m; 42deg to c.a. @ 216.5m./ Cleavage: 60deg to c.a. @ 221.95m and 10deg to c.a. @ 221.0m.
KUTh_2008	SEL26/2005	K26DD035	221.83	251.6	SDs	OSB	OST	FT/LA	B/A1	D/A1	FRESH		30	2	PY							Competent interbedded black shales and pale grey siltstones, occasional pyrite nodules (flattened, // to cleavage). Very rare, very fine cb vnlets: // to c.a. @ 245m and 237.6m; ~45deg to c.a. @ 239.8m