

EL 9803		Alcoota					AC		2003
Drillhole	From	To	Regolith	Lithology	Minz	Minz_%	Alteration	Alt_Int	Comments
ALA001	0	1	ALV	CLY					brown to green clay
ALA001	1	3	ALV	GRV/SLT					silty gravel 1-3 mm; rounded quartz
ALA001	3	22	ALV	siSLT					hardpanised dark red silt, traces of 1 mm rounded quartz
ALA001	22	29	ALV	CLY					weakly mottled (white to red to yellow/brown) indurated clay with silt and very rare fien pebbles
ALA001	29	30	ALV	GRV/SLT					round pebbles to 4 x 6 mm; in weakly mottled moderately hard clay- basal lag?
ALA001	30	33	WTH	SAP					weakly mottled, indurated sap rock/clay?
ALA001	33	40	MOT	SAP					mottled sap rock? Mauve/red to white
ALA001	40	44	WTH	liSAP					yellow/brown saprock- weakly haematitic
ALA001	44	62	WTH	SAP					weakly mottled, indurated yellow/brown sap
ALA001	62	78	WTH	CLY					clay (dispersive) with minor indurated sap rock
ALA001	78	80	WTH	CLY/SAP					greenish clay and soft sap
ALA001	80	96	POX	GRT/IGNS			cl		green; strongly chloritised groundmass with white/pink quartz and feldspar - chloritised granite or felsic gneiss
ALA002	0	1	ALV	SLT/SOL					silty clay/soil
ALA002	1	2	ALV	GRV/SLT					angular-subangular medium-coarse gravelly silt
ALA002	2	26	ALV	siSLT					hardpanised dark red silt, fine to medium quartz grains throughout
ALA002	26	28	ALV	GRV/siSLT					gravelly hardpanised silt
ALA002	28	32	ALV	GRV/CLY					weakly indurated silty clay with medium-coarse rounded pebbles
ALA002	32	33	ALV	GRV/CLY					basal section of above
ALA002	33	38	ALV	feSAP					red/white mottled indurated sap (haematitic)
ALA002	38	45	PAL	SAP					indurated white sap
ALA002	45	76	WTH	SAP					weakly mottled sap (white to pale yellow/brown), becoming clayey with depth
ALA002	76	85	WTH	hmSAP/CLY					weakly haematitic mauve sap rock/clay
ALA002	85	88	WTH	CLY					yellow/brown sap clay
ALA002	88	95	WTH/POX	clGRT			cl		<BOCO @ 88m> weathered, chloritised felsic lithology, pink feldspar debris in places
ALA002	95	99	POX/FR	clGRT			cl		grey, coarse angular quartz debris, white feldspar, much dark green chlorite- chloritised granite or flesic gneiss
ALA003	0	2	ALV	SLT/GRV					gravelly red silt - relatively fine round pebbles
ALA003	2	24	ALV	siSLT					hardpanised dark red silt - coarser grains throughout
ALA003	24	36	ALV	siCLY/GRV					damp/moist, heaby dark red silty clay with gravel throughout, hardpanised towards base of interval
ALA003	36	38	ALV	GRV					clayey gravel; rounded pisoliths with thin goethitic coats, weakly mottled, rounded quartz-basal lag?
ALA003	38	54	WTH/MOT	hmSAP					weakly mottled (mauve - white) sap, wekaly haematitic
ALA003	54	68	WTH/PAL	qtSAP					pale grey sap - much quartz debris (medium - coarse); pallid zone?
ALA003	68	96	WTH	qtSAP					weakly mottled (pale grey - yellow/brown) dispersive clay - abundant medium to coarse quartz in places
ALA003	96	118	WTH	SAP/biGNS					quartz-rich debris in medium green, clayey, mica-rich material, rare saprock fragments
ALA003	118	120	POX	bifGNS					medium green/grey, muscovite-biotite felsic gneiss, weakly chloritised, very deeply weathered
ALA004	0	4	ALV	CLY/GRV					clay with 1-3mm rounded gravel
ALA004	4	26	ALV	siSLT/GRV					variably hardpanised dark red silty clay, minor gravel throughout
ALA004	26	40	ALV	SLT/CLY					sticky silty clay with minor gravel (rounded pisoliths, quartz), weakly hardpanised in places
ALA004	40	44	ALV	siSLT/siCLY					hardpanised red clay/silt
ALA004	44	46	ALV	GRV/CLY					polished gravel (much lateritic looking debris- e.g. Fe-saprock with bedrock textures) and red clay
ALA004	46	50	ALV/FER	feGRV/feSAP					subangular, Fe-haematite saprock chunks, lesser rounded material- ferricrete or transported nodular laterite???, some bedrock textures, thin goethitic cutans in places
ALA004	50	53	MOT	feCLY					weakly mottled, white-mauve clay - haematitic sections look like above material
ALA004	53	60	PAL	siCLY					indurated white sap with very fine quartz grains
ALA004	60	80	LAC	CLY					pale grey-pale yellow clay, becoming very heavy with depth, locally limonitic (bands?), quartz debris increasing with depth- especially 76-80m- broken pebbles?

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ALA004	80	84	LAC	CLY/GRV					balling heavy waxy clay with limonitic material, abundant very fine quartz grains and black specks (charcoal?) - similar to above interval but clay is waxier and heavier
ALA004	84	94	WTH	SAP					mauve muscovitic sap clay
ALA004	94	107	WTH	hmmuSAP/SCH					mauve-dark brown strongly foliated muscovitic saprock after schist
ALA004	107	114	WTH/POX	VQ/muSCH					greenish/brown; clear-grey-honey coloured quartz debris with lesser adhering muscovite-biotite schist
ALA005	0	2	ALV	GRV/CLY					gravelly clay
ALA005	2	34	ALV	siLST/siCLY					variably hardpanised dark red silty clay, minor gravel throughout
ALA005	34	39	ALV	CLY/GRV					gravelly red clay
ALA005	39	52	ALV	siCLY/GRV					variably hardpanised dark red silty clay, with gravel throughout- lower section sieved
ALA005	52	54	ALV	CLY					orange clay
ALA005	54	60	ALV	CLY/hmCLY					weakly mottled (orange - white - yellow/brown) variably indurated silty clay, haematitic in places, trace rounded gravel
ALA005	60	70	ALV	CLY					white indurated material- saprock?
ALA005	70	80	ALV	siCLY					weakly mottled (yellow/brown - white) indurated material
ALA005	80	96	ALV	CLY					weakly mottled (yellow/brown), sticky, waxy, non-dispersive clay with abundant silt, quartz, black specks etc
ALA005	96	104	ALV	CLY/GRV					sticky white clay with coarse (0.5-2 cm) round pebbles- basal lag?
ALA006	0	12	ALV	SLT					
ALA006	12	24	ALV/MOT	CLY					
ALA006	24	46	ALV/MOT	CLY/GRV					
ALA006	46	111	ALV	CLY/GRV					
ALA006	111	115	ALV	GRV/CLY					
ALA007	0	6	ALV	SLT/GRV					
ALA007	6	18	ALV/MOT	CLY/GRV					
ALA007	18	30	ALV	ALT/GRV					
ALA007	30	34	SAP	GRT					
ALA007	34	45	WTH	GRT					
ALA007	45	53	POX/FR	GRT					weathered to fresh medium grained granodiorite
ALA008	0	12	ALV	SLT					
ALA008	12	26	ALV	CLY					
ALA008	26	46	MOT/ALV	CLY/GRV					
ALA008	46	58	SAP?	CLY/GRV					
ALA008	58	62	SAP	GRT					
ALA008	62	68	WTH	GRT					weathered fine grained granite
ALA009	0	11	ALV	SLT					
ALA009	11	37	ALV	CLY					
ALA009	37	46	SAP?	CLY					
ALA009	46	49	MOT	CLY					
ALA009	49	56	SAP	CLY					
ALA009	56	63	WTH/SAP	CLY/GRT?					medium grained intrusive?
ALA009	63	65	FR	GAB					fresh gabbro (mafic granulite?)
ALA010	0	21	ALV	SLT/GRV					
ALA010	21	37	ALV	CLY					
ALA010	37	38	ALV	GRV/CLY					
ALA010	38	54	SAP	CLY					
ALA010	54	58	SAP	CLY					green sap clay
ALA010	58	60	WTH	SCH					Very altered green schist
ALA011	0	21	ALV	SLT/GRV					
ALA011	21	40	ALV	CLY					
ALA011	40	44	SAP	CLY					
ALA011	44	50	MOT/SAP	GRT?/CLY					
ALA011	50	54	SAP	SCH?					
ALA011	54	59	WTH/FER	qtSCH					ferruginous quartz rich schist (meta-sediment)
ALA012	0	3	ALV	SLT/GRV					
ALA012	3	48	ALV	CLY					
ALA012	48	52	ALV	SND/CLY					
ALA012	52	63	SAP	CLY					
ALA012	63	70	SAP	CLY/GRT?					
ALA012	70	75	SAP	CLY					
ALA012	75	81	SAP	CLY/GRT?					

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ALA012	81	90	SAP	GRT/CLY					
ALA012	90	94	WTH	Msch					weathered mafic schist
ALA012	94	100	WTH/POX	mGNR/SCH					weathered to fresh mafic granulite - schistose in places
ALA013	0	9	ALV	GRV/SLT					
ALA013	9	17	ALV	CLY					
ALA013	17	26	ALV	CLY					
ALA013	26	50	ALV	CLY					
ALA013	50	69	ALV	CLY					
ALA013	69	77	ALV	SND/CLY					
ALA013	77	79	ALV/SAP?	GRV/SND					gravely lag possibly near the base of transported
ALA014	0	10	ALV	GRV/SLT					
ALA014	10	11	ALV	GRV/SLT					
ALA014	11	32	ALV	CLY/GRV/SND					
ALA014	32	51	ALV	CLY					
ALA014	51	64	ALV	CLY/SND					
ALA014	64	73	ALV	GRV/CLY					
ALA014	73	78	SAP	CLY					
ALA014	78	81	SAP	CLY					
ALA014	81	86	WTH	GRT					weathered felsic possibly a gniess or granite
ALA014	86	88	WTH/FR	DOL?/AMP?					slightly foliated intermediate to mafic rock meta-dolerite?
ALA015	0	26	ALV	SLT/GRV					
ALA015	26	59	ALV	SND/CLY					
ALA015	59	74	ALV	SND/CLY					
ALA015	74	93	SAP	CLY					
ALA015	93	100	SAP	CLY/SCH					
ALA015	100	106	SAP/WTH	DOL?/PEG					
ALA015	106	107	FR	intGRT					intermediate medium grained granite