

Golden Ridge Drillhole Geology

Hole Number	From	To	St_Ang_Tca	Str_Des	Alteration	Alteration Style	Alt2	Alt2 Sty	Alt3	Alt3 Sty	V_Min	Vn_Ang_Tca	V_ORI	V%	COMMENTS
3RD003	0	1													Rotary tricone; Snd St and soil
3RD003	1	7.2	60	Fe in fractures											Highly broken ground; Xcut fractures, dom = 60 TCA; soft
3RD003	7.2	11	30 & 70	Fe - frac plane											Some blotches on core, prob H2O effect; quite soft
3RD003	11	16	60	Fe - frac plane											As above, + intermittent 5-10cm silt st bands + Md st clasts
3RD003	16	22.8	60+30 / 60	Si infill	Si	after CO3									Bleaching evident around fracs; Fe?
3RD003	22.8	22.9													Silt St frags in clay matrix
3RD003	22.9	29.4	30 & 60	Si vug fill/Fe	Si	after CO3				Si	60 (4cm)				4cm Si band @ 60 deg TCA
3RD003	29.4	30													mm-cm frags Si Silt St + Silt St in grange matrix; some Si
3RD003	30	34.7	15-25	Qu fill; mm-3cm	Si										Sil/d; abt fracs; large vein + frag country rock
3RD003	34.7	34.9													bottom of fining upward sequence?
3RD003	34.9	37.9	30 & 80	Si & Qu fill	Fe	slain									Si 30 deg; some Qu fill 80 deg; PK Fe stain around fracs
3RD003	37.9	37.93													
3RD003	37.93	40.2	10	Qu fill											
3RD003	40.2	40.4	60												Snd St - qu, lithic
3RD003	40.4	42	42 / 50-60												Intermittent Silt St layer 3-10cm
3RD003	42	43.8	43.8 / 50-60												Alternating 10-30cm Silt St / Snd St layers
3RD003	43.8	44.5	30 & 0												Bleached
3RD003	44.5	46.9	30												
3RD003	46.9	48.6	30 & 0							Qu	80 (47.7m=1.5cm vn)				Minor Py and An
3RD003	48.6	50.2	30 & 0							Qu		30			Bleached above; intermittent 1-2cm Silt St layers
3RD003	50.2	53.5	30	Xline Si fill						Qu	80 & 30-10				Intermittent Silt St layers <15cm; fracs - bleached margins
3RD003	53.5	53.7	30	Xline Si fill						Qu	80 & 30-10				Intermittent Silt St layers <15cm; fracs - bleached margins
3RD003	53.7	54.3	30	Xline Si fill						Qu	80 & 30-10				Intermittent Silt St layers <15cm; fracs - bleached margins
3RD003	54.3	54.4													
3RD003	54.4	72	20	Xline Si fill						Qu	80 & 30-10				Intermittent Silt St layers <15cm; fracs - bleached margins
3RD003	72	72.7	80	GR GY & CR lam											Not fractured
3RD003	72.7	74	30												
3RD003	74	74.8	30							Qu	80 & 30				Bleached
3RD003	74.8	75.8	0-20	Qu & vuggy fill											Sandy; bleached + Sil/d; multiple generation of fractures
3RD003	75.8	80.9	30							Qu		30			Fining upward sequence - snd st 1m capped by 5-15cm Silt St
3RD003	80.9	81.5	20	Xline Qu fill											Sandy Silt St grading downwards to lightly frac Snd St
3RD003	81.5	85.6	0-20	Qu & vuggy fill											Sandy; bleached + Sil/d; mult. generation frac - Qu + vuggy
3RD003	85.6	90.3	30							Qu		30-May			Bleached, Sil/d
3RD003	90.3	97	80 / 60							Qu	80 (97m = 2cm vein)				Intermittent 0.5 - 1cm Qu veining
3RD003	97	105	30	Euh \$ - f. plane	cy	minor				Qu	80 & 30 (mm - 1 cm)				Int. thin Silt St layers. Vfg aggregates of Py in Snd St
3RD003	105	109.5	30 & 70							Qu	20-30				Bleached, Sil/d; Lam/d & vuggy vein - 107.8 & 108.5 <= 4cm
3RD003	109.5	110	30	Euh \$ - f. plane											Totally bleached & alt. (soft) Snd St / Silt St
3RD003	110	115.9	30 & 60							Qu	90 (113.3m = 8cm)				Bleached, Sil/d
3RD003	115.9	119.8	20-30 / 80	Qu fill+vug X Q						Qu					Intermittent <8cm bands Silt St; common AsPy in veins
3RD003	119.8	120.3	30	Si zone											Fractured Sil/d zone
3RD003	120.3	123.7	20-30 / 80	Qu fill+vug X Q						Qu					Intermittent <8cm bands Silt St; common AsPy in veins
3RD003	123.7	124.4	20-30												Frac/d & totally bleached; Sil/d
3RD003	124.4	124.6	30 / 80	Qu fill+vug X Q						Qu					Silt St layers = 40cm; Snd St layers = 60cm
3RD003	124.6	124.62								Qu	30 & 80				Lam/d vein
3RD003	124.62	127.3	30 / 80	Qu fill+vug X Q						Qu					Silt St layers = 40cm; Snd St layers = 60cm
3RD003	127.3	127.6	30 / 80	Qu fill+vug X Q	Cy					Qu					Totally bleached
3RD003	127.6	127.9	30 / 90	Qu fill+vug X Q						Qu					Bleached, Sil/d
3RD003	127.9	128.8	30 / 80	Qu fill+vug X Q						Qu					Silt St / Snd St layers
3RD003	128.8	129.1								Qu		30			Minor Py, AsPy < 5mm euhedral

211041