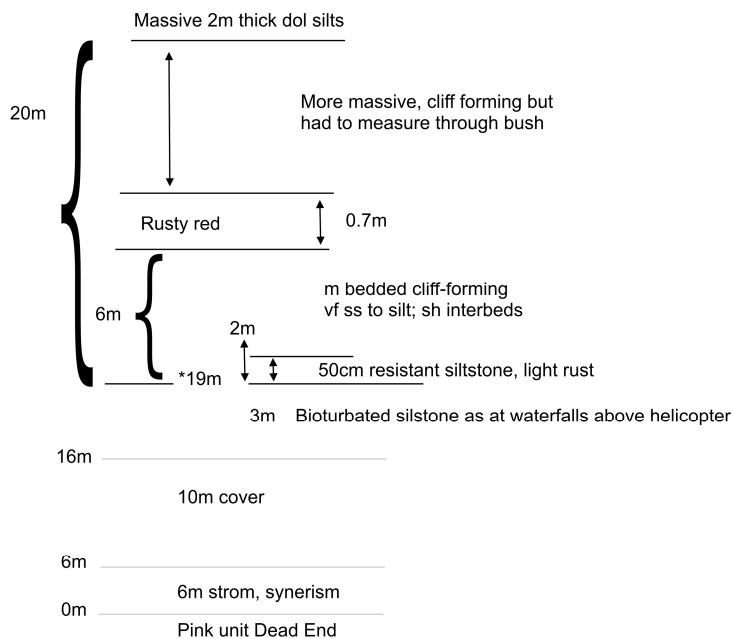


JULY 15th, 06

STOP 2 – Echo Falls

GPS: 0579878, 7198215, CLB waypoint 17

Flew up Echo Creek slot gorge, [CRW_1476](#), [CRW_1479](#), [IMG_3502](#), [IMG_8569](#), from Dodo Canyon, [IMG_3582](#), [IMG_3583](#) to flat section above largest waterfall, landing at stream junction just downstream of second (upstream) waterfall. Hiked downstream through concretion zone, [CRW_1491](#) to top of largest waterfall to start strat section, [CRW_1492](#), [CRW_1497](#), [CRW_1500](#), [DSCN_8810001](#).



*Chris C's ooid ironstone that he tracks to north side of Dodo Creek, ?

0.00m-16.0m 16.0m Thin-bedded dolosiltstone, grey in color, uppermost Dead End Shale above the nodular red shales of the Proterozoic H5. Large waterfall plummets over this cliff-forming section, which is estimated.

16.0m-18.0m 2.0m Dolomite, buff to orange in color, microcrystalline, includes mud chip layer, [CRW_1493](#), [CRW_1495](#), [CRW_1496](#), [IMG_3526](#), [IMG_3527](#), [IMG_3528](#), that appears similar to that found in Katherine Creek Alt, ~ 1m above pink Dead End shale, [Sample 15-7-06-6](#). Planar ripples with slickenlines dipping 10d towards 222d, [CRW_1494](#), [IMG_3517](#). May be transition to Little Dal formation with bright orange weathering coloration, [CRW_1502](#), [CRW_1503](#), [CRW_1504](#), [IMG_3531](#), [IMG_3533](#), [IMG_3534](#).

18.0m-20.0m 2.0m Dolomite similar to below, formed into variable-sized mounds, typically 0.5-1.0m but up to 3-4m diameter, [CRW_1481](#), [CRW_1483](#), [CRW_1505](#), [CRW_1507](#), [IMG_8565](#). Mounds often coalesce, commonly in groups, [CRW_1487](#), [CRW_1488](#), [CRW_1489](#), [IMG_3540](#), questions whether concretions or ancient fossils, [DSCN_8840004](#), [IMG_3544](#), [IMG_3545](#), [IMG_3548](#). Overlying thin-bedded dolomites pinch and swell, thinning over top of mounds indicating mounds in original growth position, [CRW_1484](#), [CRW_1506](#), [CRW_1508](#), [CRW_1510](#), [DSCN_8830003](#), [IMG_3546](#), [IMG_3550](#). Indistinct “fibrous” to radial-weathering pattern over top of mounds, [CRW_1482](#), [CRW_1490](#), [CRW_1509](#), [CRW_1511](#), [DSCN_8850005](#), [IMG_3535](#). Not round in cross-section, somewhat oval with flattened base and upper semi-circular rounded top, [IMG_3547](#). Mounds restricted to single zone within overall section. Samples: 06-JT-02-01, 06-JT-02-02, 06-JT-02-03, [IMG_3515](#), [IMG_3519](#), [IMG_3520](#), [IMG_3521](#), [IMG_3522](#), [IMG_3523](#), [IMG_3524](#), [IMG_3525](#), [IMG_3536](#), [IMG_3539](#), [IMG_3549](#).

20.0m-22.0m 2.0m Dolomitic siltstone as below, weathers orange to buff, wave-rippled, [CRW_1485](#), [CRW_1486](#), [CRW_1513](#). Little Dal?

22.0m-23.8m 1.8m Flaggy weathering dark green to black siltstone. Heavily bioturbated, probable Cambrian Mt Cap formation. [CRW_1514](#), [CRW_1515](#).

23.8m-24.2m 0.4m Black siltstone.

24.2m-26.2m 2.0m Dolomitic siltstone, heavily bioturbated with horizontal burrows, [IMG_3556](#), [IMG_3558](#), [IMG_3559](#), Sample: 06-JT-02-05.

26.2m-26.8m 0.8m Recessive dolomitic siltstone.

26.8m-27.05m 0.25m Medium-grained quartz sand, white in color, well-cemented, [IMG_3560](#), [IMG_3561](#), [IMG_3562](#), [IMG_3563](#), [IMG_3564](#), [IMG_3566](#), [IMG_3569](#), [IMG_8554](#), [IMG_8557](#). Sample: 06-JT-02-06. Sample: **15-7-06-5** is an ooidal ironstone (3-5 cm thick) subjacent to top of “pinch & swell” sandstone, [CRW_1516](#), [CRW_1517](#), [DSCN_8870007](#).

27.05m-31.05m 4.0m Bioturbated lower very fine-grained sand, argillaceous, bedded with beds averaging 3-5cm thickness, [CRW_1518](#)[CRW_1519](#), [IMG_8558](#) (upper), [IMG_8562](#) (upper), [IMG_8563](#), [IMG_8564](#).

31.05m-35.05m 4.0m Similar to fine-grained sand below, but becoming more thin-bedded throughout. Continues to top of small cliffs across stream, [CRW_1521](#), [CRW_1522](#), [DSCN_8900009](#).

Section 1A ends, Section 1B continues at stream junction and moves up to small waterfall in east-side side canyon, [CRW_1512](#), [IMG_3513](#), [IMG_3514](#), [IMG_3553](#).

35.05m-38.05m 3.0m Dolo-siltstone to very fine-grained sand, recessive, glauconitic. Sample: 06-JT-02-07, CRW_1527, CRW_1528, IMG_8549, IMG_8550, IMG_8551, IMG_8553.

38.05m-39.95m 1.9m Interbedded dolomites and siltstones, resistant section over which waterfall flows. Sample: 06-JT-02-08. End of section at top waterfalls, CRW_1526, DSCN_8910010, IMG_3571, IMG_3574, IMG_3576, IMG_8547.