

569.2 – 586.9	Black shale. Minor sphalerite-galena veins.
586.9 – 691.0	Dacitic pumice breccia. Newton creek dacites. Pervasive sericite-carbonate-pyrite alteration. Zones of silicification.
691.0 – 733.0	Dacitic pumice breccia. Newton Creek dacites. Intense silica-sericite-pyrite alteration.
733.0 – 850.8	Dacitic pumice volcanoclastic sandstone. Newton Creek dacites. Pervasive sericite-carbonate-chlorite alteration with zones of silica-pyrite alteration.
850.8 – 864.0	Dacitic pumice breccia. Newton Creek dacites. Intense silica-pyrite-sericite alteration.
864.0 – 873.0	Massive white quartz vein. Pyrite-chalcopyrite crystals.
873.0 – 885.9	Dacitic pumiceous volcanoclastic sandstone. Newton creek dacites. Intense silica-sericite-pyrite alteration.
885.9 – 898.8	Dacitic pumiceous volcanoclastic sandstone. Newton Creek dacites. Silica-sericite-pyrite-carbonate alteration.
898.8 – 921.7	Dacitic pumiceous volcanoclastic sandstone. Newton creek dacites. Intense silica-sericite-pyrite alteration.
921.7 – 928	Dacitic pumiceous volcanoclastic sandstone. Newton Creek dacites. Sericite-pyrite-carbonate alteration.

The following table details alteration styles and associated assay results:

SHD21 Alteration Summary Table.

To	From	Lithology	Alteration	Best Results
314.4	220.0	Basaltic VC	Ser-py-barite	No significant results.
319.8	322.3	Massive pyrite	py	2.5m @1.0% Zn (No Au)
322.3	432.1	Dacitic VC	Ser-carb.	No significant results
432.1	446.1	Qtz porphyry	Carb-sphal-gal-Sil-py stockwork	7m @ 0.4 g/t Au, 1% Pb, 1.9%Zn. Incl. 1m @ 1.8 g/t Au, 3.3% Pb, 6.8% Zn
446.1	928.0	Dacitic pumice Breccia	Interfingering ser-carb and silica-ser-py	851 – 866m 15m @ 0.3 g/t Au

This drillhole confirms the continuity of the large, zoned, alteration system identified in SHD16. However only low level Cu-Au and Zn-Pb values were returned. The CSAMT and DHEM surveys have successfully identified the alteration system at depth. A high grade core has yet to be identified. The hole was lined with PVC and a DHEM survey completed. Two significant offhole conductors were identified as discussed in Section 3.3. The larger conductor (Body 1, Asten, 2000) is located within the inner silica-sericite-pyrite core of the alteration system and may represent this style of alteration. Alternatively it may represent higher grade mineralisation within the zoned alteration. The dimensions of the anomaly (800m x 150m x 50m) contains a potential resource in excess of 15Mt.

A stronger, deeper anomaly was detected off and below SHD1 and SHD21 at a depth of approximately 800m from surface.