

**GRID:** 10+400E

**HOLE:** NO 1

**COORDINATES:** 10+125N

**BEARING:** 203°

**ANGLE:** -75°

**DEPTH:** 297 FEET

<b><u>FROM</u></b>	<b><u>TO</u></b>	<b><u>DESCRIPTIONS</u></b>
0'	133½'	OVBN
133½'	180'	SILTSTONE-SHALE  Dark gray to light tan, very finely and evenly laminated, very dense. Beginning at 175' - a fine grained breccia (gray) selectively trends between certain finely separated laminations - at times pinching and swelling with no disruption of the adjacent lamina. Laminations consistent at 45° CA, but trend to 70° CA nearing the 180' mark.
180'	187½'	QUARTZ, SILTSTONE -SHALE LARGE FRAGMENT BRECCIA  Very abrupt contact. Lost all water return. Only 8% core recovery in this 7½'. Silicified, pyritized siltstone-shale together with pyritic quartz make up a large fragment (to 4cm) poorly consolidated breccia. Thin vein quartz is seen to cut recovered siltstone-shale clasts. 180' - A 3" section of a medium grained breccia (.5cm. clasts) of angular to semi-rounded silicified siltstone-shale and quartz fragments. Immediately following the above is a 2" recovered core of a 2' section, showing what follows to 187½': A breccia composed of both silicified and pyritized siltstone-shale plus quartz fragments-cemented by a fine grained matrix of like material. Apparently the porous, fine-grained breccia matrix does not hold up to drill pressure, resulting only in the recovery of occasional larger fragments jammed in the core tube.

Logged by: \_\_\_\_\_ Hole Number: \_\_\_\_\_ Sheet Number: \_\_\_\_\_

**FROM****TO****DESCRIPTIONS**

187½'

297'

**QUARTZ SILTSTONE-SHALE FINE FRAGMENT  
BRECCIA**

Within zone - relatively longer sections of consistent brecciation is indispersed with short intervals of laminated siltstone-shale exhibiting varying degrees of minor brecciation. Breccia is silicified and for the most part is very fine grained, with only occasional very short sections of coarser material. In the latter instance, the coarser breccia may host a clast to 2cm. of either quartz or silicified siltstone-shale. Visible pyrite within breccia is dispersed throughout (to 5%).

187½'-206': Fine fragment breccia-minor larger clasts at 199'.

206'-209': Minor brecciation. Laminations 8°CA.

209'-212': Fine fragment breccia.

212'-217': Minor brecciation. Laminations 12°CA.

217'-238½': Fine fragment breccia.

238½'-245': Minor brecciation. Laminations 0°CA.

245'-249': Fine fragment breccia. Remnant, ghost like laminations (bedding) near end of section.

249'-254': Minor brecciation. Laminations 0°CA.

254'-267': Fine fragment breccia. Breccia dies out in last 2'.

267'-297': Minor brecciation. Laminations vary 10°-40°CA. Notable clay rich crushed siltstone-shale noted from 292' to end of hole.

E.O.H.

Note: Core is in safe keeping at 275 Alsek Rd., Whitehorse. It is 1.39" in diameter, similar to the more common BQ wire line size of 1.43".

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