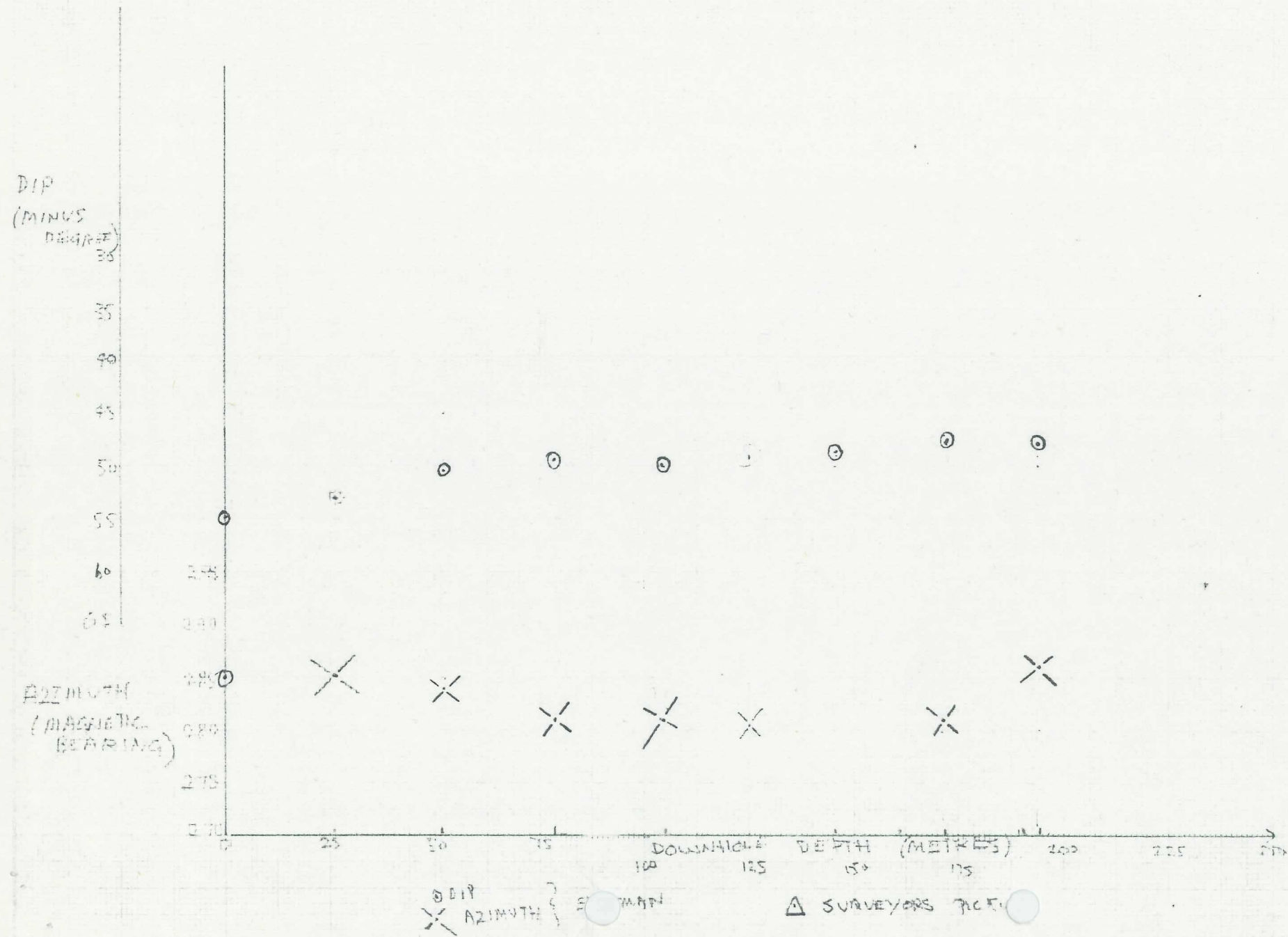


QR 89D

2500 FT. S.W. 34 1/2 CHPT. DOWNHOLE

COMMENCED : 7/1/21
COMPLETED : 27/2/21
DEPTH 195 METRES





DIAMOND DRILL LOG

Feature : Bedding Shearing
 Foliation Fault Vein carbonate
 Fragment - size & shape Vein quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|------------|---------|--|------------|-------|--------|----------|---------|---------|--|
| | | | | | | | | | |
| | 0.5 | DTL. Grey-buff carbonated feldspar crystal lithic tuff agglomerate. | | | | | | | Pyrite <1% as disseminations. |
| | 5 | | | | | | | | |
| | 3.0 | Lithic fragments are irregular in outline - up to 5cm - generally 2-3cm. They consist of feldspar crystal tuff-lava, with feldspar crystals represented by aggregates of white carbonate, occasionally pale green sericite. The groundmass is grey-buff in colour, quartz-feldspathic. | | | | | | | 5cm pyrite 10% as disseminations and aggregates. |
| | 3.0 | | | | | | | | |
| | 10 | Feldspar crystals have been noted within the matrix which is of similar composition and texture as the fragments. | | | | | | | |
| | 3.0 | | | | | | | | |
| | 15 | Foliation 50° C.A. | | | | | | | |
| | 3.0 | | | | | | | | |
| | 2.9 | Irregular fractures are commonly chlorite lined. | | | | | | | |
| | 20 | 19.3 - 20.9. Sheared and broken, FeOx staining is common. | | | | | | | |
| | 2.8 | 20.9 - 22.1. Massive white quartz-carbonate vein. Associated with fault. FeOx staining is common. | | | | | | | |
| | 3.0 | Below 25.0m the rock is less obviously fragmental - lava breccia. | | | | | | | |

Lithic fragments
 irregular
 white carbonate
 sericite
 grey-buff
 quartz
 feldspar
 foliation
 50°
 chlorite
 FeOx
 quartz-carbonate
 fault
 FeOx
 lava breccia



DIAMOND DRILL LOG

Hole No QR89D

Page No 6.

Feature : Bedding
 Foliation
 Fragment - size & shape

Shearing
 Fault
 Vein c carbonate
 q quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|------------|---------|--|------------|-------|--------|----------|---------|---------|--------------------------|
| | 2.29 | 128m-130m - Broken and re-welded fault zone. No pug. Chlorite between closely packed fragments of tuff or tuff-lava. | | | | | | | Pyrite 1%, fine veinlets |
| | 3.00 | | | | | | | | |
| | 130 | | | | | | | | |
| | 3.01 | | | | | | | | |
| | 2.96 | | | | | | | | |
| | 135 | | | | | | | | |
| | 136.15 | FAULT ZONE? Much quartz, carbonate veining | | | | | | | |
| | 136.50 | | | | | | | | |
| | 137.50 | | | | | | | | |
| | 3.07 | DTL. Zone of sheared, <u>tuff-agglomerate to agglomerate</u> , streaked out sericitic fragments. | | | | | | | |
| | 140 | | | | | | | | |
| | 3.01 | | | | | | | | |
| | 2.98 | DTL. Massive pink, <u>feldspathic tuff lava</u> variably fractured and sheared. Irregular disrupted carbonate veins throughout with chlorite-sericite alteration along some fractures. Weak foliation in 35-45° to core axis. | | | | | | | |
| | 143.28 | | | | | | | | |
| | 145 | | | | | | | | |
| | 3.03 | | | | | | | | |
| | 149.90 | | | | | | | | |
| | 150 | g See over | | | | | | | |

BROKEN CORE



DIAMOND DRILL LOG

Hole No **QR89D** v Page No 8

Feature : Bedding Shearing
 Foliation Fault
 Fragment - size & shape Vein carbonate
 quartz

Mineralization : Trace 1.5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | MINERALIZATION | | | | DEPTH m |
|------------|---------|--|------------|----------------|--------|----------|---------|---|
| | | | | TRACE | COMMON | ABUNDANT | MASSIVE | |
| | 3.0 | PyP1 as above | | | | | | |
| | 180 | | | | | | | |
| | 3.0 | | | | | | | |
| | 182.45 | | | | | | | |
| | 3.0 | Indefinite contact. PyP1 Larger fragments more widely spaced,, with finer grained grit-like matrix apparent. Probably a <u>reworked lithic tuff to tuff-agglomerate</u> . Sericitised carbonated and sheared as above. Colour is dark grey. | | | | | | 182.90 183.50 Pyrite 35-40% remobilised colloform material with silica. Pyrite 2-5%, disseminated grains and occasional stringers. |
| | 3.0 | | | | | | | |
| | 187.90 | | | | | | | |
| | 2.15 | Massive sericitised <u>feldspar porphyry agglomerate</u> . Colour is dark grey, in part light grey to fawn. Schistosity is 40-50° to core axis. 189. | | | | | | |
| | 0.85 | PyP1 (DTL?) | | | | | | |
| | 2.5 | | | | | | | |
| | 2.35 | | | | | | | |
| | 195 | | | | | | | |
| | 195.35 | END OF HOLE | | | | | | |