


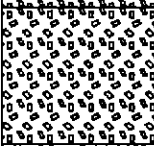
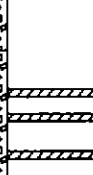
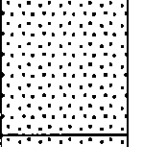


PRSMINCO EXPLORATION
DIAMOND DRILL CORE LOG
Vertical Scale 1 : 150

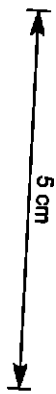
HOLE No. **YNC1**

PROJECT: YOLANDE: NEWTON CREEK

Page 1 of 3

| DESCRIPTION | | | | GRAPHIC | | | CODES | | | |
|-------------|-------|--|--|---------|---|---|---|-------|-----|----------------------|
| From | To | LITHOLOGY & ALTERATION | MINERALISATION | Depth | Lithology | Structures | STRUCTURES | LITH | STR | ALT |
| 0.00 | 8.20 | DACITE Brown, Coarse grained, Feldspar phytic, Surface weathering zone. | DISSEMINATED, 0.5% pyrrhotite disseminated, Pyrrhotite at trace to 1% is ubiquitous without change in abundance or occurrence through contacts.. | 0 |  | | | L Ld | | |
| 8.20 | 12.00 | DACITE Grey, Coarse grained, Massive, Feldspar phytic, Slightly Silicified, Slightly Carbonatised, Lithochemical and petrographic sample at 10.3m. Feldspars altered to carbonate. CONTACT: Gradational, Alteration change. | | 10 |  | | | L Ld | | sil co |
| 12.00 | 15.80 | DACITE Pale, Brown, Coarse grained, Massive, Feldspar phytic, Moderately Silicified. Alteration change. | | |  | | | L Ld | | sil |
| 15.80 | 18.50 | DACITE Grey, Brown, Coarse grained, Massive, Feldspar phytic, Weathered, oxidised joint faces. CONTACT: Conformable mixed, Mixed with soft sediment. | | |  |  | <p>VEIN, R 50. Massive white quartz vein.</p> <p>VEIN, R 45. Massive white quartz with free growth crystals.</p> <p>VEIN, R 40.</p> | L Ld | | vein vein vein |
| 18.50 | 21.20 | SANDSTONE Pale, Brown, Coarse grained, Fine grained, Massive, Feldspar phytic, Derived from dacite? Fine grained and laminated towards upper contact. CONTACT: Conformable abrupt. | | 20 |  | | <p>CONTACT: conformable, mixing of andesite with soft sediment.</p> <p>BEDDING, R 45.</p> | S sst | | ss |

996112



PRSMINCO EXPLORATION
DIAMOND DRILL CORE LOG
Vertical Scale 1 : 150

HOLE No. **YNC 1**

PROJECT: YOLANDE: NEWTON CREEK

Page 2 of 3

| DESCRIPTION | | | GRAPHIC | | | CODES | | | | |
|-------------|-------|--|----------------|-------|-----------|------------|--|----------------|------|-----|
| From | To | LITHOLOGY & ALTERATION | MINERALISATION | Depth | Lithology | Structures | STRUCTURES | LITH | STR | ALT |
| | | CONTACT: Conformable abrupt. | | | | | BEDDING, R 45. | | | |
| 21.20 | 23.80 | SANDSTONE CONTAINING CLASTS OF DACITE Pale, Buff, Coarse grained, Feldspar phytic, Moderately Silicified, Derived from dacite? CONTACT: Conformable abrupt. | | | | | VEIN, R 40. Free growth and rodding indicating extension. | S sst c Ld | vein | sil |
| 23.80 | 28.80 | CONGLOMERATE CONTAINING CLASTS OF DACITE Grey, Buff, Coarse grained, Massive, Feldspar phytic, Moderately Silicified, Sparse irregular clasts of dacite and siliceous altered rock from 10 to 50mm in size and rounded to angular. Matrix resembles andesite derived crystal sandstone. CONTACT: Conformable abrupt. | | | | | | S cong c Ld | | sil |
| 28.80 | 39.80 | CONGLOMERATE CONTAINING CLASTS OF DACITE Grey, Coarse grained, Feldspar phytic, Slightly Silicified, Resembles a partially reworked lava breccia, clasts are predominantly dacite and matrix is dacite derived but rock contains incorporated siliceous clasts. CONTACT: Conformable abrupt. | | 30 | | | | S cong c Ld | | sil |
| | | | | | | | FAULT, R 40, Brittle. Fault contains a granular to saccharoidal quartz sericite pug. | | flt | |
| | | | | | | | VEIN, R 50. | | vein | |
| 39.80 | 46.10 | SANDSTONE Grey, Coarse grained, Laminated, Massive, Feldspar phytic, This interval is continuous, it is distinctly banded in part with finer and coarser laminae but does not display grading (unusual texture?). Where the rock is massive it resembles dacite. | | 40 | | | CONTACT: conformable abrupt. | S sst | | |

996113

5 cm

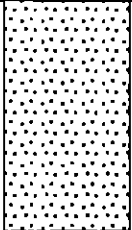
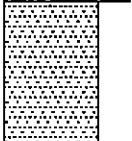
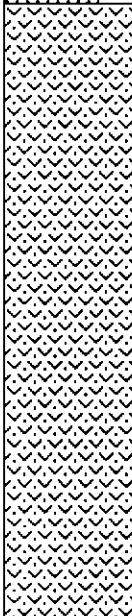
PRSMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **YNC1**

PROJECT: YOLANDE: NEWTON CREEK

Vertical Scale 1 : 150

Page 3 of 3

| DESCRIPTION | | GRAPHIC | | | CODES | | | | | |
|-------------|-------|---|----------------|-------|--|------------|--|-------|-----|-----|
| From | To | LITHOLOGY & ALTERATION | MINERALISATION | Depth | Lithology | Structures | STRUCTURES | LITH | STR | ALT |
| | | (unusual texture?). Where the rock is massive it resembles andesite. CONTACT: Gradational. | | |  | | BEDDING, R 45. | | ss | |
| 46.10 | 49.00 | SILTSTONE Green, Grey, Fine grained, Laminated, Brecciated, Highly Chloritised, Bedding is parallel to above interval and unusual banding texture is similar in part, it is possibly a finer grained part of above interval. Chloritization occurs around zone of brecciation and quartz veining. CONTACT: Gradational. | | |  | | R 45. CONTACT: conformable. FAULT, R 20, Breccia, Chlorite. Two parallel quartz veins with brecciated siltstone between and surrounded by a chloritic halo. | S slt | | chl |
| 49.00 | 61.20 | PUMICEOUS MASS FLOW Grey, Cream, Coarse grained, Massive, Pumiceous, Feldspar phyric, Appears to grade into overlying siltstone? LGC + Petrology sample taken. Composition = rhyolite/rhyodacite. Pumice visible in part, but more massive parts resemble lava? | | 50 |  | | R 55. CONTACT: conformable abrupt. | V pmf | | |
| | | | | 60 | | | Rock is weathered to some degree throughout with abundant oxidised jointing in part. Cleavage is not well developed. | | | |

996114

5 cm