

## TUNNEL WALK-ABOUT

		17c (9965)	Shallow dipping quartz-carbonate-py-po vein - small scale fracture dextral displacement - alteration textures similar to # 10
1. Portal Entrance (petrol tanks)	Series of limy argillaceous sediments - siltstone, mudstone, local clastics/chert - tops to the NE, thin bedded - local folding, soft sediment deformation - gabbro sill - porphyritic andesite (uphill from gabbro)	17d (9950)	Dry major shear zone - gouge, brecciation, braided structure
1a Hill behind portal	Series of narrow dioritic sills in argillaceous sediments - chilled margins	South CrossCut	
2. (80 m)	Diorite sill	18 (9877 XCut)	Shallow dipping quartz-sulphide vein
3. (160 m) timber	Major fault in diorite - gouge; highly sheared	19 "	Narrow argillite block in volcanic - forceful emplacement upward; displaces shear zone
4 (250 m)	Diorite	20 "	Stringer sulphide zone
4a (275 m)	Barren bull white quartz vein	21 "	Isoclinally folded sulphide vein (top, north wall of drift)
5 (370 m)	Diorite sill in argillite (chilled margins) Laminations in argillite Fluted structure produced by intersections of cleavage and fractures	22 "	Stringer sulphide zone
6 (475 m) (steel set)	Major fault at diorite and argillite contact	22a "	Boudinaged mafic volcanic dyke in massive sulphides
7 (500 m)	Argillite	23 "	Chalcopyrite, pyrrhotite, pyrite
8 (630 m)	Major fault in diorite	24 "	Major shallow dipping fault in massive sulphide zone - cleavage across fault zone - slickensides (north side of drift)
9 (770 m) (rail spurline)	Stringer sulphide zone in argillite near volcanic contact - quartz sulphide veins	25 "	Mafic volcanic intruding massive sulphides - quartz filled tension gashes with chloritic fragments - shearing along dyke contacts - massive fragment in dyke (left side of drift)
10 (815 m)	Pillows or fracture/alteration structure (andesite)	25a "	Hisingerite [FeSiO <sub>2</sub> (OH).H <sub>2</sub> O] along fractures
11 (830 m)	Large sulphide vein in volcanic	26 "	Contact of massive sulphides and volcanics
12 (940 m)	Boudinaged dyke in argillite - quartz tension gashes in dyke	North Drift	
13 (980 m)	Sharp contact between argillite and dyke	27 (10210)	Stringer mineralization that has surrounded and, to a limited extent, brecciated pillowed mafic volcanics (basalt) (J.Peter)
14 (1285 m)	Volcanic (andesite)	28 (10480)	Axial plane cleavage disrupting thin sulphide laminae
15 (1310 m)	Highly sheared/altered dyke in argillite	29 (10465)	Strong deformation ; argillite faulted into volcanics; volcanics ripped apart and faulted
16 (1360 m)	Faulted/disrupted fold in argillite - quartz veins and tension gashes	30 (10510)	Bedded sulphides in argillite - sulphide nodules in argillite
17 (1620 m)	Major fault in volcanic - large subvertical boudinaged quartz vein		
South Drift			
17a (10000)	Alteration pattern similar to # 10, andesite		
17b (9980)	Large scale conjugate shear zones in volcanics - quartz-chlorite-sulphides vein along shear - small scale fracture showing dextral displacement		

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