

PROPERTY: Mt. Anderson

STARTED: Oct. 11/85

FIELD CO-ORDINATES

DIP TESTS

N.T.S.

105 D/4

HOLE NO. MA-85-7

FINISHED: Oct. 11/85

23+86E

Bearing

Dip

Depth

PROJECT NO.

611

BEARING: 170 deg

LENGTH: 47.85 metres

 $24 + 68 \text{ N}$

170

-53

46

LOGGED BY:

M. Webster/B. Thomas

DIP-COLLAR: -47 deg

CORE SIZE: NO

SHEET

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METRES		DESCRIPTION OF UNITS	Mineraliza- tion	Sample No.	METRES			ASSAYS					
From	To				From	To	Length	Au	Ag	Pb	Zn	Cu	As
10.85	11.52	MAFIC DYKE: Minor Fe oxide stain, calcite veinlets locally.	No visible sulphides										
11.52	11.82	GRANODIORITE: M.g. to c.g. siliceous, up to 40% of Hb's rare chlorite altered.											
11.82	12.27	MAFIC DYKE: F.g. with disseminated sulphides throughout, (v.f.g. Py), sharp contact with granodiorite. ~80 deg to core vertical.	Py up to 2%	96402	11.82	12.27	.45	10	1.4	54	210	50	10
12.27	12.37	GRANODIORITE: Siliceous, m.g. Up to 10% epidote alt'n interstitial to Qtz, 65% Feld 5%, Hb 10%, Ep 10%, Py 5%, Chl 5%.	No visible sulphides										
12.37	12.7	MAFIC DYKE: F.g., calcite stringers, manganese staining. Pyrite finely, uniformly disseminated throughout.		96403	12.37	12.7	.33	10	.4	26	164	22	4
12.7	13.2	GRANODIORITE: Siliceous, m.g. to c.g. Up to 45% Hb subhedral crystals near centre of interval. Very broken up toward end of interval. Fe-oxide and manganese stained throughout. Last .2 m minor (5% as fractures, Py disseminated clusters 5-8%. Pervasive silicification from 12.2-13.0		96404	12.7	13.2		10	.6	40	116	42	8
13.2	14.1	MAFIC DYKE: With calcite stringers and local clay alt'n. Long fracture down centre of core. Minor trace Py.											
14.1	15.5	GRANODIORITE: Siliceous, m.g. to c.g. with epidote veinlets throughout. Subhedral Hb crystals (chlorite altered). Broken & rusty brown near end of unit.											
15.5	16.6	MAFIC DYKE: V.f.g. red. green to dark green colour. Calcitic stringers at 15.85, 60 deg down hole, 16.0 55 deg. Some chl at margins, chl spots <2 mm disseminated evenly distributed throughout, minor bleaching along margins of stringers.											
16.6	17.51	DIORITE: F.g. to c.g. variable coarseness over 10 cm, Py disseminated 2-5%, silicification pervasive, minor silica stringers ~20 cm apart, 30-50 deg to core, most coarse grained Hb up to 1 cm x 0.25 cm at fault margin. Larger Py disseminated 5%, Fe-oxides occasionally on stringers.											
17.51	17.81	FAULT GOUGE: Poor recovery, broken, granulated and fractured.		96405	17.51	18.44	.25	10	3.2	104	412	68	100
	27	17.81-18.44: Clay zone, 25 cm for 93 cm core, white-cream-ochre coloured clays with Fe-oxide Py cubes weathered out granules of diorite(?) 2-3 mm assemblage. Py chips											
18.44	19.94	85 PORPHYRITIC ANDESITE/MAFIC DYKE: Heavily manganese stained, v.f.g., very vuggy Fe stained & oxidized unit at 19.6-19.8. Weak calcite in vugs, open cavities up to 10.25 deep unevenly distributed. PbS 2%, very broken up.		96406	18.44	19.94	1.5	10	44.0	1740	2040	132	168
19.94	20.73	40 MAFIC DYKE or FLOW: Highly broken to pebbles 2-3 cm dia. Last 10 cm manganese and minor limonite stain.		96407	19.94	20.73		20	8.6	780	2620	124	160

METRES			DESCRIPTION OF UNITS	Mineraliza- tion	Sample No.	METRES			ASSAYS					
From	To	Reco- very %				From	To	Length	Au	Ag	Pb	Zn	Cu	As
20.73	20.91		QUARTZ VEIN: 1 speck <0.5 mm dia PbS, minor white powdery clay alt'n, Qtz is white-opaque, vuggy, no free growth, limited recovery.		96408	20.73	20.91	.18	10	4.0	198	186	24	32
20.91	22.25	62.5	IRHYOLITE DYKE or FLOW: Light green silicified, olive green very f.g. Py disse 2-3% intermittently, usually oxidized Fe oxides on fracture surfaces.		96409	20.91	22.25	.83	10	3.6	170	192	28	48
22.25	29.4		FAULT GOUGE: Granulated diorite and more competent areas 28-28.5 m, c.g. heavily clay altered diorite sericite alt'n 20%, chl 5-10%, Py 1%. Py disse 2-4% at 23.3-23.47 m. Basalt dykes mafic v.f.g. semi-siliceous, contact obscure, highly fractured with Fe oxides on fractures 22.3-22.8, 24.6-25.0 m.		96410	28.0	29.4	1.4	10	1.0	32	192	28	16
29.4	32.6	80	DIORITE: Strong sericite oxidization, core commonly friable between 10 cm solid chunks, chl 20%, silica.											
32.6	36.6		GRANODIORITE: Coarse grained, Hb 20%, Qtz 30%, Feld 25%, Ep 5%, Chl 10-20%. Generally consistent silicification and good core recovery, limited <1% calcite alt'n. Fe-oxides and any abundance of chl limited to fractures, always hairline fractures 30-60 deg every ~20 cm, no significant disse sulphides.											
			32.6-33.2: Contact silicification, pervasive minor manganese stain on top final 5% disse Py.		96411	32.6	33.2	.6	10	.4	22	82	16	8
			35.45-35.55: 4 narrow fractures, friable, minor disse Py 2%, <45-60 deg.											
36.6	36.9		GRANODIORITE: Fragmented, fractured and clay alt. 20%. Sericite staining and Py up to 10% along fracture plane											
38.9	39.3		GRANODIORITE: Granulated, clay altered. 39.3-39.6: Slightly more silicified, <2% Py		96412	38.9	39.6	.5	10	1.4	54	392	86	34
39.6	40.13		GRANODIORITE: Silicified, Fe-oxides on fractures also disse Py 20%, Sph 2%, Hem 1%. Hb-chloritic epidote up to 20%, disse Py 5% cubic, metallic luster unoxidized.		96413	39.6	40.13	.53	10	.6	20	398	68	26
40.13	40.31		QUARTZ VEIN: 40.2-40.23 with massive sph, py and PbS specks. Sph 50%, Py 20%, Qtz 30%. Black sph euhedral massive in Qtz up to 1.5 cm wide. Green chl alt'n by vein margins, Py disse bleb <.25 cm at margins, oxidation to leave rusty vugs in core. One PbS speck <1% isolated in Qtz.		96414	40.13	40.31	.18	380	44.0	1400	31000	212	182
40.31	40.66		GRANODIORITE: Silicified. Py containing 1-2% PbS stringers, all directions, hairline. Sericite and slight greenish tinge to core; saussuritization or chl alt'n likely. Py disse on fractures 10%, sometimes 15%.		96415	40.31	40.66	.53	80	4.2	570	1380	90	26
40.66	41.11		Competent clay altered granodiorite, no visible sulphides.		96416	40.66	41.11	.45	10	.8	110	362	56	12

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