

PROPERTY: Mt. Anderson
HOLE NO. MA-85-5
BEARING: 110 deg
DIP-COLLAR: 45 deg

STARTED: Oct. 6 /85
FINISHED: Oct. 8 /85
LENGTH: 90.22 metres
CORE SIZE: NQ

FIELD CO-ORDINATES
L 22+50E
20+95M

DIP TESTS

Bearing	Dip	Depth
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N.T.S. 105 D/4
PROJECT NO. 611
LOGGED BY: M. Webster/B. Thomas
SHEET 1 of 4

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METRES			DESCRIPTION OF UNITS	Mineraliza- tion	Sample No.	METRES			ASSAYS					
From	To	Reco- very %				From	To	Lgth	Au	Ag	Pb	Zn	Cu	As
			DIAPYRITE DYKES:											
			119.54-19.55 m: .5 cm thick, 45 deg to core vertical, trace galena? within adjacent core	1x Py in tiny Qtz stringers within dyke	85853	19.51	19.61	.11	60	.4	50	276	28	304
			122.70-22.72 m: 1.5 cm thick, 45 deg to core vertical, sharp contacts, no visible sulphides											
			122.80-22.82 m: 1.75 cm wide, 45 deg to core vertical											
			123.95-23.98 m: 3.0 cm wide, 45 deg to core vertical											
			132.0-32.07 m: 7 cm width, 45 deg to core vertical, 65% f.g. Qtz matrix with c.g. plagioclase crystals and minor Hb	No visible sulphides	85855	31.85	32.12	.27	10	.2	128	380	10	52
			135%. Fractured.											
			132.74-32.75 m: .5 cm wide, 48 deg from core vertical											
			136.20-36.21 m: .5 cm wide, 50 deg from core vertical	No visible sulphides										
			136.61-36.63 m: 2.0 cm wide, 15 deg from core vertical											
			137.31-37.35 m: 3.5 cm wide, 20 deg from core vertical											
			Gossanous Zone; with epidote filled fracture. Calcite and manganese stain on fracture surface, 10 deg from core vertical. K-spar rich interval up to 20% Py boxwork.	No visible sulphides	85854	27.68	28.68	1.01	20	.2	46	496	12	90
			Granodiorite becomes less Fe-oxide and manganese stained toward end of interval.											
39.55	40.48	100	GRANODIORITE: C.g., K-spar rich (20%), epidote altered up to 50%. Epidote occurs in veinlets and fractures. Chlorite altered Hb. Siliceous, non-magnetic. Very little Fe-oxide stain and manganese stain.	No visible sulphides										
40.48	53.04	90	GRANODIORITE: C.g., disseminated Py coats containing oxide boxwork. Granodiorite intervals are fractured and have intense Fe-oxide staining on fractured surfaces. Heavy gossanous stain over 85% of interval. Chlorite & epidote alt'n abundant. Whole interval is fractured with some areas having only gravel-pebble sized recovery.	No visible sulphides i.e. all oxidized										
			142.77-43.18 m: Pebble size recovery and gravel size											
			146.25-46.45 m: Pebble size recovery, 75% core recovery	No visible sulphides	85856	47.18	47.64	.46	10	1.4	418	700	10	18
			Decreased Fe-oxide stains toward end of interval.											
53.04	56.71	95	GRANODIORITE: C.g., gossanous. Visible sulphides throughout this interval. Some intervals are more intensely gossanous.											
			153.04-53.47 m: Lightly clay altered, coarse gr. granodiorite with epidote veining. Very fractured. Mottled green and white due to chlorite altered Hb's. Rusty stain on fracture fillings. Py associated with Hb in some areas.	12% Py in tiny lenses, vugs & fract fillings, minor disseminated Ga	85857	53.04	53.47	.43	10	3.6	374	440	10	24
			153.47-54.02 m: Granodiorite, c.g. chlorite altered with very minor Fe-oxide stain. Fracture surfaces are somewhat manganese stained. Minor sericite alt'n. Py is finely crystalline disseminated throughout, appears to be concentrated around chloritized Hb, white clay alt'n on fractures also. Siliceous toward end of interval.	Py disseminated 2% very tarnished in places	85858	53.47	54.02	.55	10	.6	88	640	14	22
			Abrupt contact to next unit interval.											
			154.02-54.50 m: Gossanous, altered granodiorite. Py concentrated on fracture surfaces, minor finely disseminated Ga on fracture surfaces	Py 2%, Ga trace	85859	54.02	54.5	.48	50	14.4	2700	402	12	20

METRES			RECOVERY %	DESCRIPTION OF UNITS	Mineralization	Sample No.	METRES			ASSAYS					
From	To						From	To	Length	Au	Ag	Pb	Zn	Cu	As
				54.50-54.97: Siliceous, chlorite altered zone with tiny chloritic stringers and fracture fillings of finely crystalline Py and associated local fine galena. Lt brown-yellowish gossanous zone; silicified, altered fractured and broken up. Abundant epidote alt'n. Up to 160% gossanous. <1% Py	Py 1-2% Ga .5%	85860	54.5	54.97	.47	10	5.4	272	850	6	22
				Lightly gossanous, 10% stain mainly on fracture surfaces. Abundant white clay alt'n ~30% and up. Granodiorite; c.g. altered, very gossanous in places. Sulphide rich, up to 10% Py in places, 2% Ga locally. More epidote alt'n toward end of interval, less Fe-oxide stain toward end of interval. Minor manganese stain. Ga and Py are disseminated throughout and in fine lenses. 3 m interval is very soft and friable.	<1% Py finely disseminated	85861	54.97	55.3	.33	10	3.0	170	1880	24	18
					2% Py, trace Ga?	85862	55.3	55.97	.67	10	1.2	230	2000	26	26
					7% Py, 1.5% Ga	85863	55.97	56.67	.7	10	6.0	3420	1240	10	24
56.7	61.67	100		GRANODIORITE: C.g., chlorite and epidote alt'n as well as minor sericite alt'n. Mottled dark green and white. Lt rusty Fe-oxide stain (5% mainly of fractures). Trace Py. Moderate to strongly magnetic. Local K-spar rich intervals, salmon pink colour. Mafic xenoliths, dioritic subrounded, 2% of interval. Abrupt change to Fe-oxide stained interval (next).	Trace Py										
61.67	62.05	100		GRANODIORITE: Gossanous, c.g. Dark green and rusty brown mottled. Very broken up, pebble to gravel size @ end of interval. Fe-oxides make unit very friable. Quite fractured. Vuggy texture, goethite with minor jarosite?	<1%	85864	61.67	62.05	.88	10	1.2	196	510	18	34
				GRANODIORITE: C.g., white clay alt'n on fracture surfaces. Mottled dark green and white. Very little Fe-oxide staining. Non-magnetic. Epidote veinlets & alt'n throughout.	Py 2% diss & in lenses	85865	62.5	63.75	1.5	10	.4	28	262	18	24
				63.75-64.56 m: Granodiorite with pervasive yellow clay alt'n.	Py 2.5% diss & in fract.	85866	63.75	64.56	.81	10	.8	420	680	8	28
				64.56-64.95 m: Clay altered minor Fe-oxide stain	Py 2-3% diss	85867	64.56	64.95	.34	10	.4	152	492	8	16
64.95	68.1	~50		FAULT ZONE: v. broken up interval, poor recovery. Gravel and pebble size, rounded to subrounded pieces of granodiorite? containing sulphides. Goethite on fracture surfaces and white clay alt'n. Gossanous clay altered granodiorite, much like above.	12% overall Py veinlet (2m) diss & fract	85868	64.95	66.44	1.4	10	1.6	900	760	8	22
				67.75 m: Quartz Vein? rusty staining. Only pebble size recovery. Impossible to estimate thickness of vein due to poor recovery and broken nature.	Trace Py, Ga pebble <1 cm dia., rare	85870	67.3	68.1	.8	110	8.2	1820	580	24	26
68.1	73.0	100		GRANODIORITE: Saussuritization of feldspars to light green colour, slight 20% chlorite alt'n of matrix. 15% Qtz, 5% Plag. Minor red. brown staining. Unit becomes increasingly more chloritic and less saussuritized toward end of interval. Non-magnetic. Mod. fracture density. Competent, silicified											
				68.1-71.25 m: Clay altered, white, bright yellow oxidation mineral associated with galena (PbO)	Py & Ga 4-5% occur in tiny lenses	85871	68.1	68.76	.66	10	6.6	4500	4800	8	4
						85872	70.25	71.25	1.0	20	1.8	940	910	4	4

NORANDA EXPLORATION COMPANY LIMITED

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