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PROJECT: TROUT LAKE

HOLE NO. 81-63

Example of core log. This hole is a -37° hole on Xn 7
 GEOLOGICAL DESCRIPTION which ended at 575 m. in low grade (0.05 to 0.10% MoS₂)

% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
				CHL	SER	SIL	BIO	E		
				A	B	C	D	E		
96	QZT		altered granodiorite, dk green chl. conc. along qtz & gnd. fac, largely composed of qtz, no definite contacts all	2	5	6	0		40	75
	QZT		hazy, minor talk along fac in broken core @ 93.4-93.9, calcite	2	4	6	1		75	75
95	QZT		along fractures	3	2	6	0		40	75
	GND		high feldspar content, qtz veining more clearly defined than before	1	4	5	0		15	35
	GND		qtz smaller in width	2	4	4	0		20	50
100	GND		high grade Hornblasse with Po feldspar all'd granodiorite	0	5	4	0		10	40
	GND		qtz vein 11 to C/A from 99.3-100.3 & 102.7-103.4	1	3	5	0		5	20
	QZT		actually qtz-gnd stockwork	2	4	5	0		10	35
	GND		qtz vein 104.3-105.8, fac filled by chl.	1	0	6	0		10	27
105	QZT			2	3	5	0		2	55
	GND			2	0	6	0		10	25
	GND		fresh gnd, 106.8-108.7 biotite well preserved no alt'n except by chl.	3	0	6	0		20	30
	GND		111.2 End of high grade gnd (Hornblen)	1	3	4	1		10	20
110	GND			2	3	6	0		10	35
	GND		local zone of biotite schist @ 112.7-112.9	0	2	6	0		5	15
	GND		thin seams of mrlsd zones	1	4	6	2		20	35
	GND		thin qtz kinklets thruout, filling gnd	1	3	6	1		6	45
115	SLS		114.9-117.4 SILICIFIED SCHIST, mainly biotite all'd schist, black, prismatic	0	1	5	6		15	30
	SLS		talk or kyanite at contact with GND	0	0	5	6		15	30
	GND		qtz vein stringers thruout, white dyke @ 118.3 fol @ 118.3 30°-35° C/A	1	3	5	1		10	25
	SLS		broken core @ 115.9-116.0 pulver bio schist	1	0	5	6		20	30
120	SLS		GND dyke 117.2-118.0, calcite vein @ 118.9	0	1	5	6		8	20
	SLS		fract schist & qtz, bio on the soft side, dk green chl along qtz fac	1	1	4	5		35	30
125	SLS			1	1	4	6		60	30
	SLS		broken core 125.2-125.9, pulv. schist	0	0	5	6		15	25
	SLS		foliation well defined @ 35° C/A	0	0	5	6		15	25
	SLS		void of ser & chl with	0	0	5	6		15	10
	SLS		qtz vein 128.0-128.7	0	0	5	6		15	35
130	SLS		qtz injections thruout bio schist - veins x-cutting at all angles to C/A	0	0	5	6		15	35
	SLS		brownish-black biotite schist	0	1	5	6		12	35
	SLS		qtz vein 131.7-132.0, slight ser	0	1	5	6		12	35
135	SLS		alt'n foliation 10° C/A, well defined	0	1	5	6		25	30

G.E. = 50000 estimate

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		MoS ₂		
Mo as paint along frac	2	91.0	93.0	2.0	21258	.290		
Py infilling qtz vein frac								
Py as paint along chl. frac, trace	2	93.0	94.0	1.0	21259	.414		
Mo, Py & Po infilling chl frac in qtz	3	94.0	96.0	2.0	21260	.352		
irreg Mo along qtz - gnd contact	3	96.0	98.0	2.0	21261	.277		
96-98 ~ 0.2-0.4% MoS ₂								
irreg Po & Py masses in qtz by dis Mo	4	98.0	99.0	1.0	21262	.317		
high grade Mo, diss thruout, irreg base	5	99.0	100.0	1.0	21263	.919		
* 99.0-100.0 ~ 0.5% - 1.0% MoS ₂	4	100.0	101.0	1.0	21264	1.820		
89.0-101.0 ~ 0.1-0.2% MoS ₂	10	101.0	102.7	1.7	21265	4.930		
prismatic Mo & Po 1-3% MoS ₂	3	102.7	103.4	0.7	21266	.372		
	15	103.9	104.9	0.9	21267	3.160		
same as above, bladed of pris Mo thruout	4	104.3	105.8	1.5	21268	.721		
high grade Mo	10	105.8	106.8	1.0	21269	3.160		
101.0-106.8 ~ 1-3% MoS ₂ *	4	106.8	108.4	1.6	21270	.671		
trace Mo in 106.8-108.4 ~ 0.3%	10	108.4	110.0	1.6	21271	3.990		
Massive Mo 1-3% MoS ₂	8	110.0	111.2	1.2	21272	1.610		
same as above	3	111.2	113.0	1.8	21273	.352		
101.0-111.2 ~ 1-3% MoS ₂								
irreg Mo masses in qtz vein	3	113.0	114.9	1.9	21274	.217		
irreg Mo along qtz vein string	1	114.9	116.0	1.1	21275	.300		
with contact with bio schist	1	116.0	117.2	1.2	21276	.100		
	1	117.2	118.0	0.8	21277	.127		
trace irreg by Py masses in qtz	1	118.0	120.0	2.0	21278	.177		
Mo assoc with white fld in qtz	1	120.0	122.0	2.0	21279	.372		
Mo ds thin seams in qtz, bladed	2	122.0	124.0	2.0	21280	.448		
Py also in halite qtz frac ~ 0.2								
Py as paint along frac, trace by 16	1	124.0	126.0	2.0	21281	.163		
111.2-126.0 ~ 0.05-0.15% MoS ₂								
Mo assoc with Po in qtz	2	126.0	128.0	2.0	21282	.133		
gray haze in qtz ~ 0.15% Mo								
Exc Mo mten along qtz vein walls @ 128.7 ~ 0.26% Mo	2	128.0	130.0	2.0	21283	.284		
big diss Mo along qtz vein walls	2	130.0	132.0	2.0	21284	.139		
same as above, in chl hozy qtz	2	132.0	134.0	2.0	21285	.310		
irreg Mo rasettes	1	134.0	135.0	1.0	21286	.173		
irreg Mo in qtz ~ 0.2%								
126.0-125.0 ~ 0.1-0.2% MoS ₂								

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