

Normin/Boise Cascade

International Falls

Native Dancer

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70-23- 6 FILE # 3

ITEM

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Diamond Drill Log

ND-1



DIAMOND DRILL HOLE LOG

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Company Normin

LEGEND

mass mafic		chert beds	
int-fel volc		silts/ses	
metapelite			
tuffaceous sed			

SURVEY

Footage Bearing Inclination

100		-45°
433		-40°
593		-40°

Property Native Dancer

Hole No. N.D.-1

Location

Bearing at Collar 160°

Inclination at Collar -45°

Coord. - Collar N 20+00 S

E 8+00 E

Length 603'

Elev. - Collar 1150'

Core Size NQ

Date started

Completed

Logged by

LITHOLOGY, ALTERATION, MISC.

FT.

GRAPHIC LOG

MINERALIZATION

RECOVERY

ANALYTICAL

BOX

0-18' overburden - sand + clay

mass. chf., act, bio, qz, vnk,
carb
sil-actd fel-int ff. +
carb. locally bedd, carb
qz and

mass mafic + qz pods

meta pelites

tuffaceous reds? coarser, more
textured than pelites

meta pelites

mass chl, act, bio, qz ± carb
locally bedded or foltd, bedd
TnB- Mx B. biotitic

strong brn, bleaching, carbonizing
chloritic.

biotite increasing downhole,
more pelitic comp.

tr py

tr py

tr py

10% py

tr dissemin py, po

tr py

tr py

tr py

tr py

tr py

18-22

22-29

29-41

41-70

70-246

246-291

291-412

412-442

442-603

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LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY				ANALYTICAL						BOX		
				Run	Run length	Core	%	Sample	Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm		Pb ppm	
	190							092								
vt. grad. - pelites								001475			5	61	100	34	42	
gr-rich, melanochert - congl. lam. becoming coar.-grad. chert beds	200							176			10	74	145	89	37	
								093			45	78	91	48	42	
bndd. + bleached								094			45	93	78	43	42	
grt. antst. w/ coar. clastics	210							095			5	26	103	41	42	
coarser grad. - fg. biotitic, fepthic mkt sed. TnB talaceous sediments								096			5	26	126	59	42	
	220							097			48	39	44	62	42	
								098			10	106	117	61	2	
	230							099			45	38	50	47	2	
congl. lam. pelitic sds - as above 10% gr. biotitic, tan - brown gr-ep argen + vns								100			5	101	109	54	42	
	240							101			45	91	117	47	2	
gr-ep vns. end. Fur grad, darker brown color more compact, stronger pelitic component, less br. mass appearing to more felsic comp. contacted lam. no gr.	250							102			45	95	72	56	42	
abund. gr pods. + apg s-cats								103			45	103	61	50	43	
								104			45	107	107	43	42	
mass calc. act. bio sch - no gr pods	260							105			5	49	90	47	2	

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LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY				ANALYTICAL						BOX		
				Run	Run length	Core	%	Sample	Interval	Al ppm	Ni ppm	Cu ppm	Zn ppm		Pb ppm	
	400							Dor4/34								
brn ends - whly bedded. Br-rich + act + fsp + qz blebs chloritic			475°					135		10	69	74	42	2		
	410							136		10	72	100	34	22		
poss. fold reversal - being? appear to follow ch. for 2 ft. then back to 75°			220°													
poss. wh. being - biotitic			470°					137		30	79	114	39	7		
top, chl, act, bio. in equal proportions + 5-20% qz blebs + carb.			475°													
well-bed. chltc, less bio	420							138		15	75	73	30	7		
mass, chltc								139		5	75	67	35	4		
biot, carb vults, khd, fg.																
5-10% qz biotitic - no qz	430							140		95	66	49	36	3		
chltc, less bio.								141		15	50	19	30	6		
	440							142		15	57	49	31	22		
2" qz in qz lining = 30° to ch., act - mch								143		45	52	19	30	22		
bot. tr. chltc - being along ch.	450							144		5	67	51	37	2		
being 90° to ch.			410°													
act - vich, less chl			450°													
4" qz in			410°					145		10	62	74	32	7		
	460							146		10	66	97	39	2		
little qz well-bed, chltc, little bio																
6" qz in act - vich, less chl	470		280°					147		10	50	78	26	22		
								148		5	55	96	34	22		

LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY				ANALYTICAL						BOX		
				Run	Run length	Core	%	Sample	Interval	Al ppb	Ni ppm	Cu ppm	Zn ppm		Pb ppm	
bed, silic, + blond	330							DO 14 119								
minor qz pods								120			25	105	71	40	2	
								121			25	60	91	40	26	
mass., fsptc - stronger alter.	340							122			5	53	76	34	4	
								123			10	65	46	47	12	
fsptc blond, blond								124			10	95	74	45	12	
very strong, ben, bling (349-402)	350							125			25	59	104	42	3	
chl-act - fspt - qz blck pk - busted up - sericitic, more carb, ben intensity variable thru zone, dissem py			170 dissem py					126			25	76	100	91	2	
	360							127			25	107	107	62	8	
light grn, v. strongly bed, silic zone. Bx fangs in qz - ser. matrix, per carb - bas. in bs								128			5	108	92	50	4	
py = 170, conc in less blond zones	370		170 py					129			25	96	104	63	57	
374-393 fractured - not so blond		480						130			5	83	91	57	5	
	380							131			10	89	93	41	3	
4th bs zone - be along qz vein qz veins abun - less bed very strong, ben - lt grn, seric carb abun.	390							132			10	91	67	56	13	
								133			5	53	92	49	3	
decsing, mass chl-act-fspt mass. mat. H?	400							134			25	72	97	47	4	

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