

NORTHWEST DISTRICT

NAME

Arctic

HOLE NO.

7

PAGE

OF

2

Summary Drill Hole Log

CODE

1968 Releg

BEARING

DIP

Purpose of hole

LOCATION

TOTAL DEPTH

, BY

Scale: 1" = *50'*

Est. of final depth

START

COMPLETED

0'

50'

100'

150'

200'

250'

300'

350'

400'

450'

What a mess - mostly hostite siltite interbedded with the others

could be a completely silicified P.B.S.
still dense - siltite

← Here is shist porphyry with 20-30% qtz grained spheres.

Non-horne. Variable % spheres.
the rx from 0' to 200' has been an interbedded mess.

More horn than the above rx.

← End of section is 250'

NAME ARCTIC

DRILL HOLE NO. 7 PAGE 1 OF 3

CODE 05-01-0013

STRIKE VERTICAL DIP

Purpose of hole

LOCATION _____

TOTAL DEPTH 466 BY CGB

E1 3079

START 5/24/67 COMPLETED 8/9/67

Scale: 1" = 20

Est. of final depth _____

	Cu			Ag			Zn					Pb				AN	Remarks
	2	4	6	8	10	12	2	4	6	8	10	12	1	2	3	4	
(3079) 0																	Lt-Med lt gray quartzite (quitty) with more or less muscovite as shown - very locally highly siliceous muscovite schist.
(3059) 20																	
(3039) 40																	
(3019) 60																	
(2999) 80																	
(2979) 100																	
(2959) 120																	
(2939) 140																	
(2919) 160																	
(2899) 180																	

NORTHWEST DISTRICT

NAME ARCTICDRILL HOLE NO. 7PAGE 2 OF 3

Summary Drill Hole Log

CODE _____

BEARING VERTICAL DIP _____

Purpose of hole _____

LOCATION _____

TOTAL DEPTH 466, BY CGBE1 3079START 8/24/67 COMPLETED 9/4/67Scale: 1" = 20

Est. of final depth _____

(2899) 180

10°

(2879) 200

(2859) 220

10°

(2839) 240

(2819) 260

(2799) 280

(2779) 300

(2759) 320

(2739) 340

(2719) 360

*SLIGHTLY SILICEOUS MUSCOVITE
SCHIST - very light gray*

NORTHWEST DISTRICT

NAME ARCTICDRILL HOLE NO. 7 PAGE 3 OF 3

Summary Drill Hole Log

CODE 05-01-0013BEARING VERTICAL DIP _____

Purpose of hole _____

LOCATION _____

TOTAL DEPTH 466, BY CEBE1 3079Scale: 1" = 20'

Est. of final depth _____

START 8/24/67 COMPLETED 9/4/67(2719)
(~~3449~~) 360(2699)
(~~3449~~) 380

(2679) 400

(2659) 420

(2639) 440

(2619)
(~~2619~~) 460(2599)
(~~2599~~) 480(2579)
(~~2579~~) 500(2559)
(~~2559~~) 520(2539)
(~~2539~~) 540

NORTHWEST DISTRICT

NAME _____

DRILL HOLE NO. 7 cont PAGE _____ OF _____

Summary Drill Hole Log

CODE _____

BEARING _____ DIP _____

Purpose of hole _____

LOCATION _____

TOTAL DEPTH _____, BY _____

Scale: 1" = 50'

Est. of final depth _____

START _____ COMPLETED _____

450'

142.02

SAMPLE RECORD

El 3029

PROJECT: ARCTIC

WORKING PLACE: DM-7

SAMPLER:

DATE // / 67

Sample Number	Regenthard Black Ink Location	Sample Length	True Width Av. 7/10	Cu		Ag		Zn		Au		Pb		Chan. Size	Wt.	Remarks
				Assay	Assay Feet	Assay	Assay Feet	Assay	Assay Feet	Assay	Assay Feet	Assay	Assay Feet			
71151	406-405	5		0.49		0.5										
71152	405-409	4		0.49		0.5										
71153	409-411	2		0.20		0.5										
71154	411-414	3	2.29	2.299	6.87	1.2	1.0	4.15	9.96	0.010		0.9				
71155	414-416	2	1.05	1.020	2.10	0.8	0.7	0.01	0.00			0.3				
71156	416-419.5	3.5	0.90	1.16	3.15	0.5	0.5	N.I.	0.00	0.010		0.05				
71157	419.5-420.5	1	0.92	0.932	0.92	0.5	0.3	N.I.	0.00	0.010		0.05				
71158	420.5-422	1.5	5.70	5.569	8.55	2.45	3.9	6.64	9.96	0.140		1.0	1.5			
71159	422-425	3	4.21	4.190	12.63	3.2	9.3	9.16	27.48	0.020		1.0	3.0			
71160	425-427	2	5.36	5.599	10.72	2.4	4.6	15.9	31.80	0.075						
71161	427-430	3	8.21	8.176	24.63	2.7	7.2	12.08	34.11	0.040		1.0	3.0			
71162	430-434	4	4.34	4.292	17.36	2.78	10.8	10.4	41.60	0.030		0.32				
71163	434-438	4	4.85	4.803	19.40	2.8	11.6	10.4	41.60	0.030		0.32				
71164	438-442	4	7.33	7.307	29.32	3.4	12.4	8.51	34.04	0.035		0.7	2.8			
71165	442-444.5	2.5	2.55	2.503	6.37	2.8	7.7	11.4	28.50	0.055		1.4	3.5			
71166	444.5-446.5	2.0	0.13	0.119	0.26	0.6	0.8	0.12	0.26	Tr		0.2	0.4			
71167	446.5-451.7	5.2		0.05	0.6	0.6		N.I.		N.I.						
71168	451.7-452.7	1.0	2.10	2.10	0.7	0.7		0.39								
71169	452.7-458	5.3		0.05	0.6	0.6		0.16								
420.5-444.5 = 24 ft		(5.33)		5.37% Cu	411-445.5		4.24% Cu									
Cu & Ag MK of KCC				2.8% Ag	= 33.5'		2.1% Ag									
2 Union Assays.				10.38% Zn			7.56% Zn									

ARCITE
DH-7
9/9/67
R
TR. MK. REG. U.S. PAT. OFF.

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DH-7
9/9/67
R
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0-31' Gray siliceous rx (qtzite)
ting specks dark material;

31'-40' - Black speckled blebs
in pale greenish gray
qtzite matrix - chlorite
increases downward. Spec. A-39

40-44 - Dull green chloritic
(granular) quartzite; thin
layers blotchy dark including
interlayered with
fine grained siliceous
gray - bleached appear.
bands. $\pm 20^\circ$

(A-39 shows the black
specks & chlorite)

44-59 - Continuation of banded
dull green rx with thin
wavy layers carbonac.
matter. carbon material
less than 5%; loc.
white blotchy inclusions
near top; mod. schistose
10-15°

59-68 - Similar to above but
gray bands 5-10%.
Negl. graphite - highly
schistose due to increase
chlorite - talc bot 2'.

Negl. oxid. below 20' until
66' - 66-107' mod. oxid;
negl. below 107'.

68-103 - Gritty fine grained
clean light gray qtzite
with very tiny black protite
specks; even chloritic
seams partical prom.
above 80 ft & give rx
proply of splitting into
thin thick dollars -
very even bedding;
schistose plngs common
below 82' bedding less
prominent; less chlorite.
 $\pm 10^\circ$

103-113 Interlayered ffg qtzite
and pale green chlorite
schist - glossy sheen to
chlorite - breaks across
foliae commonly;
many dark blebs & specks
bottom 3'.

113-118 - Typical ffg gritty
qtzite with dissem. chlor.

#8

ARCTIC

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DH-7
Rm
9/9/67
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28

118-127 - Pale dull green
chlorite rx - poorly
developed schistose;
conspic. subangular
gray blebs in a sea
of dull green locally;
particularly prominent
~~bottom~~ feature.
 $\pm 10-15^\circ$

127-141 - ~~Highly siliceous~~
Pale green chlorite
schistose gtzite -
Thin wavy with layers
of fine sandy clean
gtzite separated by
chlorite - ~~interbedded~~
slightly wavy chlorite
layers. $10-15^\circ$;
subangular white blebs
to $1/8"$ common in
at 135' - loc. above
thin; chlorite decreases
downward.

AR-07 Log

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R12
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141-~~143~~¹⁷³ + chloritic gtzite;
clean quartz grains with
dissem. chlorite & fuscant.
seams; chlorite pale green
clean appear (washed) and
glassy gtzite; locally layered
& schistose high chlorite zones
 $\pm 10^\circ$

173-185 increased chlorite takes
rx back into same
aspect as 127-141 $\pm 10^\circ$

185-191.5 - ~~siliceous~~ Siliceous chlorite
schist - same as above
but increased chlorite; wavy
bedding; distinctive rippled
appear. $\pm 15^\circ$

191.5

191.5-216 Chlorite schist with
squeezed pebbles of gtzite
CONGLOMERATE.
fragments rounded to
angular shaped to $\pm 1"$ diam.
Chlorite Med dk green;
oxid. intense. - gritty
dirty green appear;
distinctive unit.

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DH-7
9/9/67
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216 - 238+ Conglomeratic chlorite
schist - clasts appear thin
above; frags gen. $< 1/2$ "
max diam; pebbles gen.
ovoid shaped.
 $\pm 10^\circ$; highly siliceous chlor.
rx. - frags to 30%;
very loc. minor slightly
carbonac. layer 240.5 - 240.8'
& very loc. elsewhere below
233'.

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A-7
248-²⁶⁰~~258~~ Blobbly greenish
dark gray schist -
highly siliceous -
pyritic - rounded
to subangular - irreg.
whitish flecks -
competent $\pm 10^\circ$
~~frag~~ blotchy, appear -
gold competent
schist.
graph. bot. 2 ft.
²⁶⁰~~258~~ - 280 - highly
258 - Siliceous schist
outcrop to siliceous
schist to 276.
Granular - gen
competent except
loc. water courses.
loc. graph. schist
layers to 8".
pyritic - pale green
to greenish
gray to M.G.
over

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28

A-7 cont.

pale greenish muddy
appearance near
base -280 - 282 - Slightly
graph. thin even
wavy layered
appear. $\pm 5^\circ$ 282 - 288 - as above 280
except - becoming white
bleby in greenish
matrix - petascho-
competent - flat.288 - 292 - rounded
gastritic blebs to
 $\frac{1}{4}$ " - $\frac{1}{2}$ " in gray
and dull greenish
matrix - highly
siliceous congl.
competent292 - 308 - competent
 5° - con. argon
lenses in green
matrix common
pale muddy green
layers

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5-10° near base -
geo competentSpec. 25 f
258
266
275
280
288
291
294
300
307

308 - 312 - cont. before

312 - 322 - layers of
deep brownish
red-brown micaceous
material in matrix
in highly bleby
congl. matrix -
Med. py (highly gray)
with log. to Sp.
pale muddy greenish
schist layers

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28

A-7

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competent - flat to 5°
 schist layers light
 pale green to light gray
 highly siliceous.

322 - 350 - very highly
 siliceous. homog.
 musc. schist. pale
 green musc. ptngs
 flat - $\pm 5^\circ$ -
 Competent except
 for broken porous
 zone. 324-328
 and 336-338

360 - finely porous
 in other layers

350 - 380 - very
 siliceous. pale green
 chl - musc. layers
 and ptngs - round
 to subang. - light
 blebs.
 competent - $\pm 10^\circ$ - 5°

put back
 in on
 page

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A-7

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Specimens,

314 -

324

336

350

370

A+ 372 - Minor Cpy
 in Concord Q Vane

388 - 408 - continue
 of rx above 388
 deep green chl -
 musc.

competent
 highly siliceous
 gr. rx. all
 way
 $\pm 5^\circ$

A-7

448-~~458~~~~466~~ 464

Homog. Mdk
 finely bleby dark
 biotite-siliceous rx-
 Split - competent
 should stand -
 flat to flat
 call dry greenish

464-466 Bot -

Same as above
 but dark chlorite -
 may not be pitted
 Green Bluffs

Spec. 401 451 465

HOLE NO. DH - 7

* Union
KCC

BC 12-66