

810600

BIG ONION PROJECT

SCALE 1"=200'

0 100 200 Ft

inches

0 1

0 1 2

centimetres



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

C-8

BIG ONION DRILLING

- C-6 - Collared 550 feet E. of C-5.
- Attempt to find southernmost contact of intrusive.
 - However below overburden (97 feet) hole was in intrusive to total depth of 550 feet.
 - Mineralization -- less extensive than in Hole 5 (best 110-170, .5% Cu, .025 Mo).
 - Results from 5 and 6 indicate quartz-diorite intrusive contact with surrounding volcanics is farther south than originally mapped.
- C-7 - Collared 300 feet N. of C-5 directed to find this contact and, if possible, determine its attitude.
- Passed out of intrusive into volcanics at point between C-5 and C-6 and continued in volcanics to total depth 1,200 feet.
 - Results - locally intense silicification of volcanics in lower portion C-7 indicates intrusive contact may be dipping at fairly low angle to the south.
- C-8 - Now drilling below 1,200 feet purpose to
1. Obtain another point on contact to aid in determining its true attitude.
 2. Test area below hold C-5 to see if known mineralization extends to depth (say 500 feet).

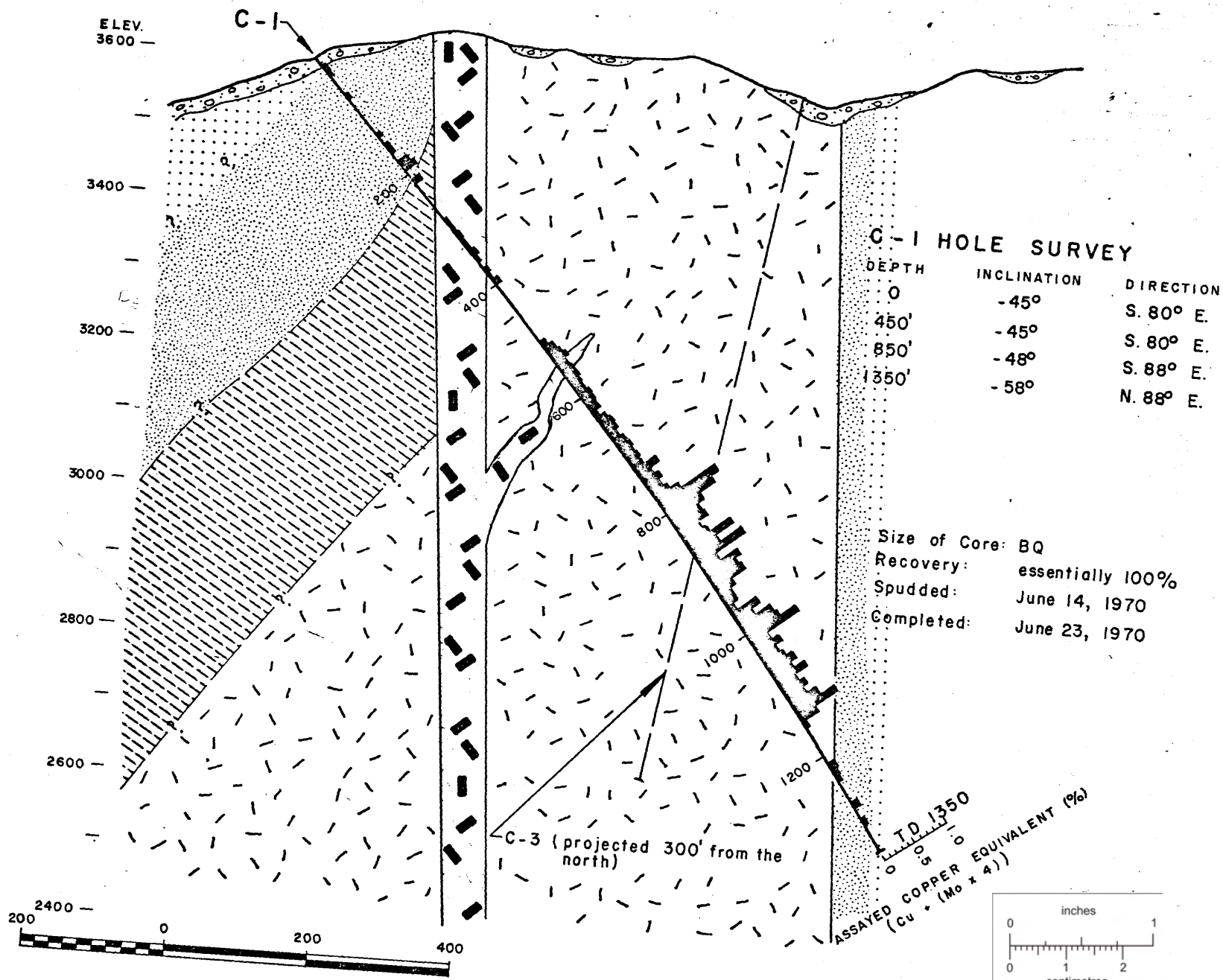
Further Drilling

1. Deepen hold C-2.
2. 2 holes in northern contact.

CROSS-SECTION, DRILL HOLE C-1
 BIG ONION PROJECT
 11 MILES EAST OF SMITHERS, B.C.

W

E

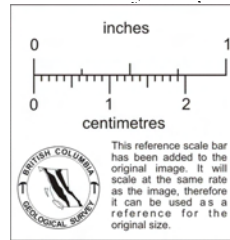







C-1 HOLE SURVEY

DEPTH	INCLINATION	DIRECTION
0	-45°	S. 80° E.
450'	-45°	S. 80° E.
850'	-48°	S. 88° E.
1350'	-58°	N. 88° E.

Size of Core: BQ
 Recovery: essentially 100%
 Spudded: June 14, 1970
 Completed: June 23, 1970

ASSAYED COPPER EQUIVALENT (%)
 (Cu + (Mo x 4))



-  OVERBURDEN
-  ANDESITE (dense where silicified)
-  RHYOLITE
-  QUARTZ DIORITE
-  DIORITE PORPHYRY DIKE

INTERVAL	C-1 Assays		Cu Equivalent
	Cu	Mo	
0 - 400	.018	.008	.021
500 - 700	.070	.013	.120
700 - 770	.100	.027	.208
770 - 900	.410	.036	.554
900 - 1000	.225	.026	.329
1000 - 1130	.313	.018	.385
1130 - 1350	.023	.004	.039
		.326	.434
		.027	

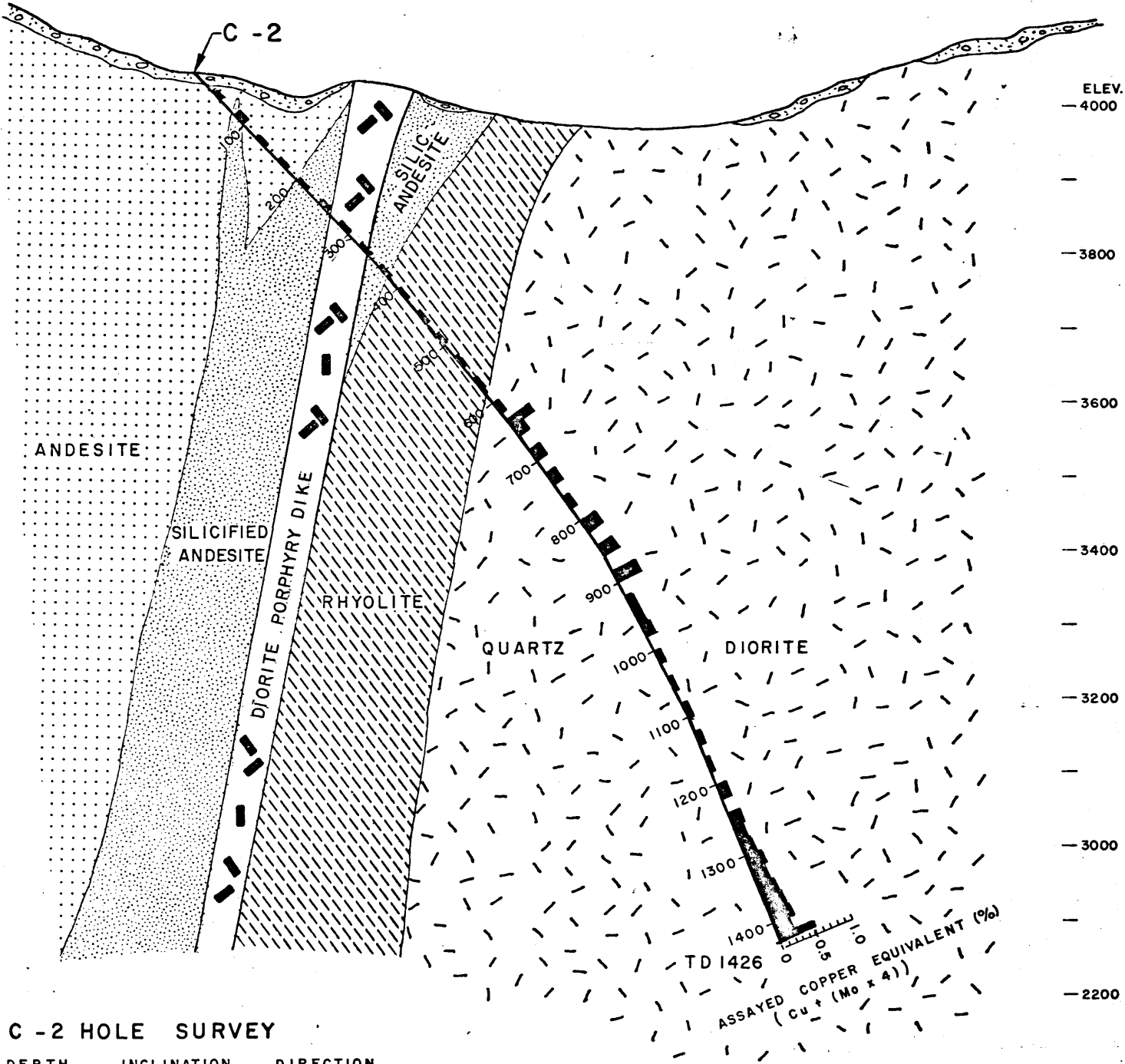
CROSS - SECTION DRILL HOLE C-2

BIG ONION PROJECT

11 MILES EAST OF SMITHERS, B.C.

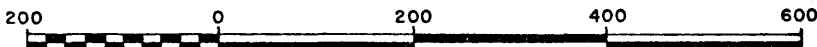
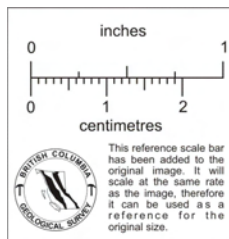
W.

E.



C - 2 HOLE SURVEY

DEPTH	INCLINATION	DIRECTION
0	-45°	S. 70° E.
500'	-52°	S. 75° E.
1000'	-63½°	N. 87° E.
1426'	-67°	N. 80° E.



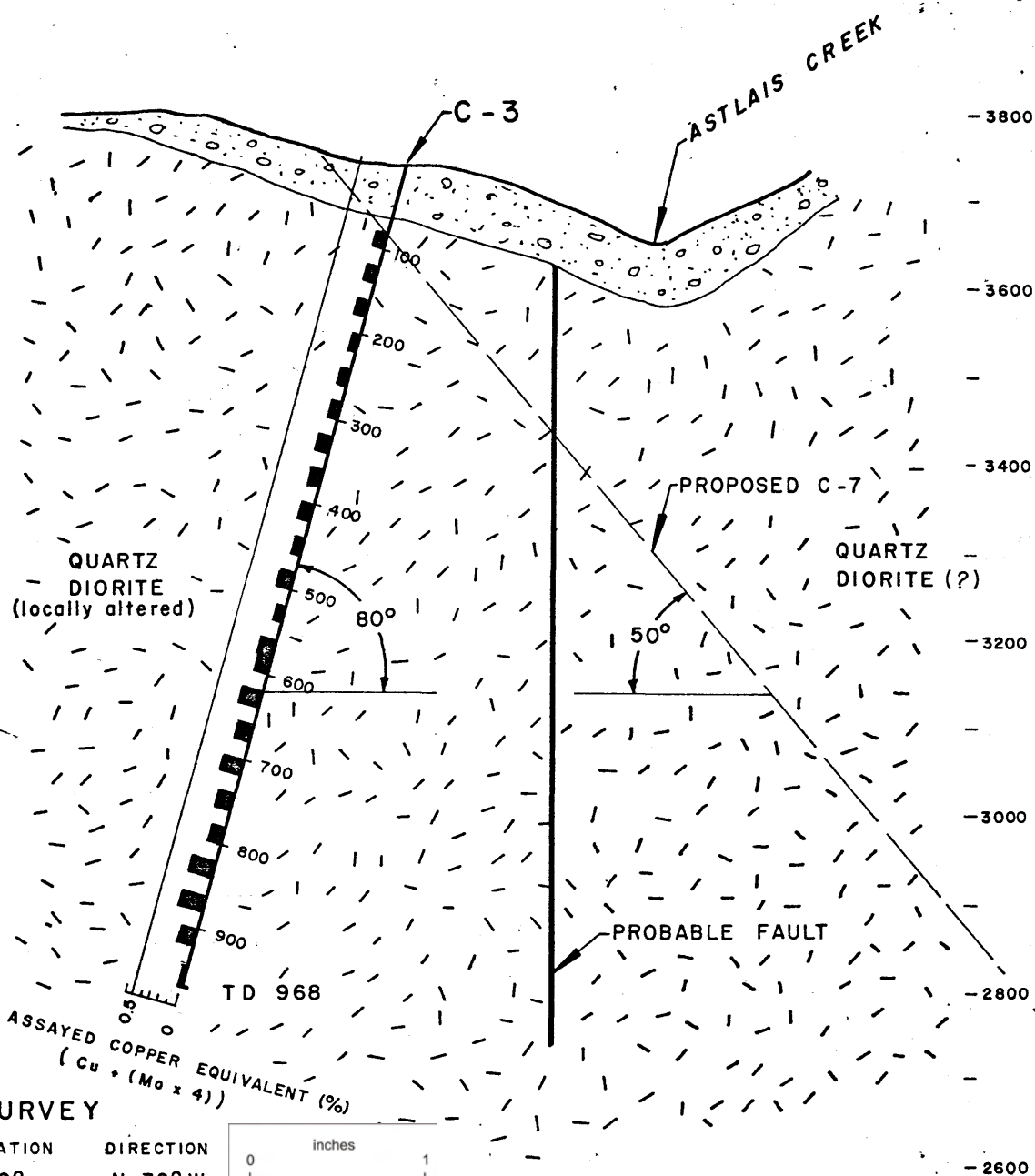
Size of Core: BQ
 Recovery: essentially 100%
 Spudded: June 24, 1970
 Completed: July 5, 1970
 Drilled by: D.W. Coates Enterprises

N. 70° W.

CROSS - SECTION' DRILL HOLE C-3

S. 70° E.

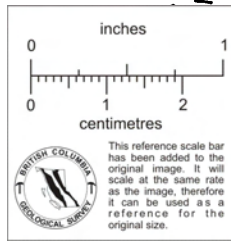
BIG ONION PROJECT
11 MILES EAST OF SMITHERS, B.C.



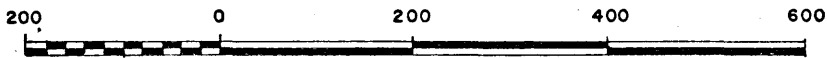
ASSAYED COPPER EQUIVALENT (%)
(Cu + (Mo x 4))

C-3 HOLE SURVEY

DEPTH	INCLINATION	DIRECTION
0	-80°	N. 70° W.
500'	-79½°	N. 49° W.
968'	-77°	N. 25° W.



Size of Core: BQ
 Recovery: essentially 100%
 Spudded: July 7, 1970
 Completed: July 12, 1970
 Drilled by: D.W. Coates Enterprises



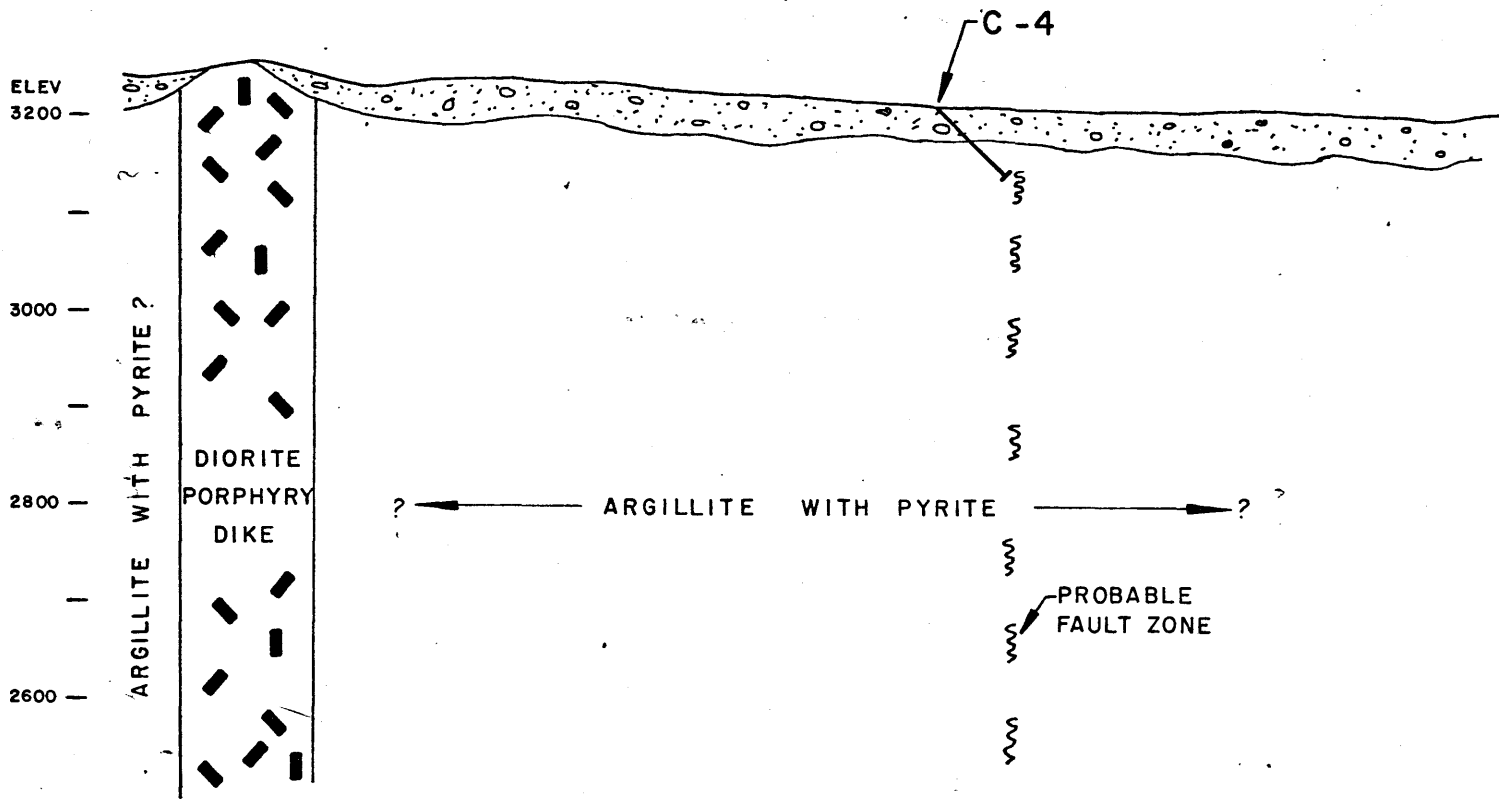
CROSS - SECTION DRILL HOLE C-4

N. 30° W.

BIG ONION PROJECT

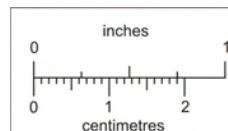
S. 30° E.

1 1/2 MILES EAST OF SMITHERS, B.C.
(along line 4S in Burn Area)



Size of Core: BQ
 Recovery: essentially 100%
 Spudded: July 13, 1970
 Completed: July 14, 1970
 Drilled by: D.W. Coates Enterprises

C-4 Assays			
DEPTH	Cu	Mo	Cu Equivalent
55-60	.01	.01	.05
70-80	.01	.01	.05
90-102	.02	.01	.06



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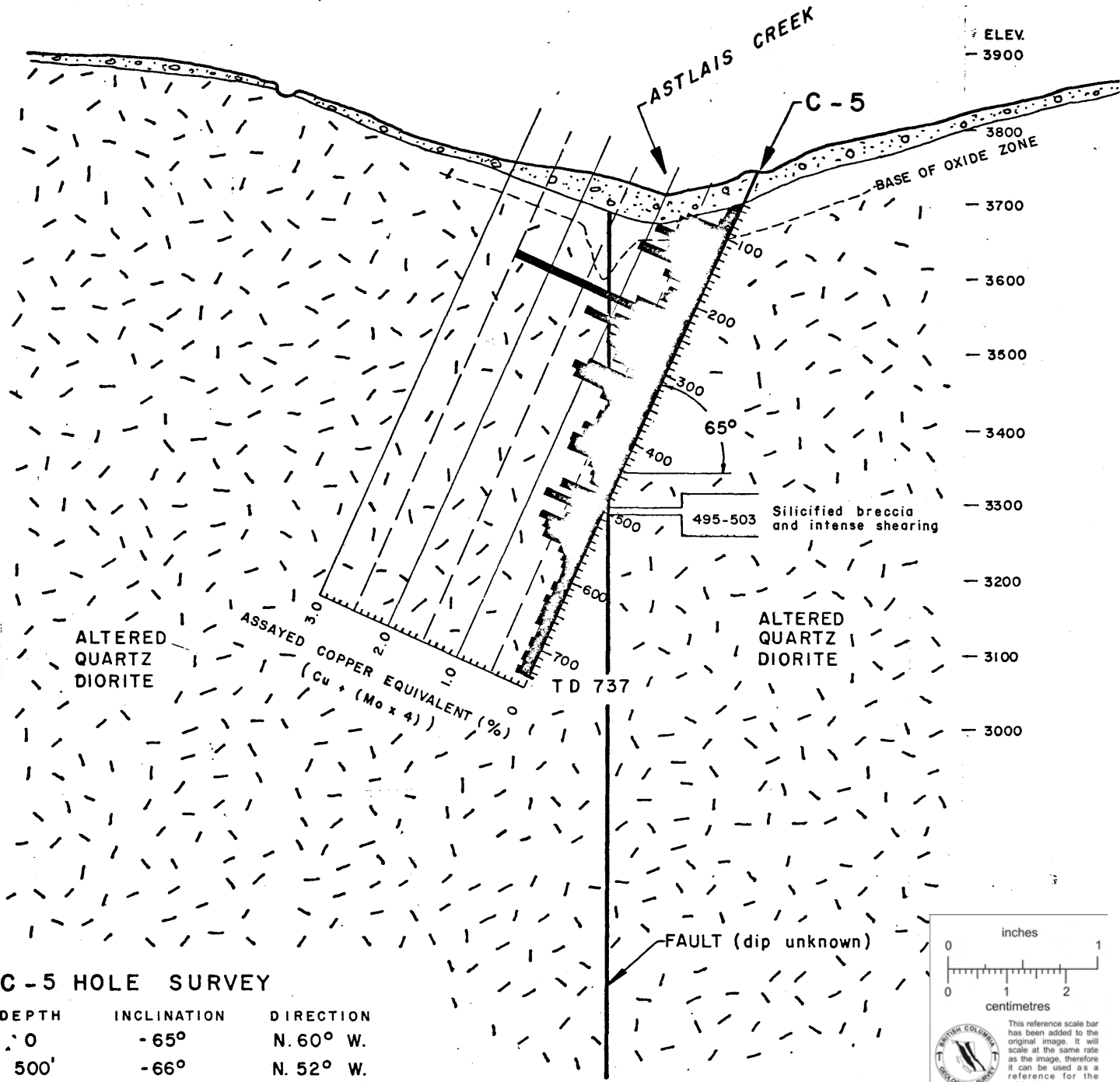
CROSS - SECTION, DRILL HOLE C-5

N. 52° W.

BIG ONION PROJECT

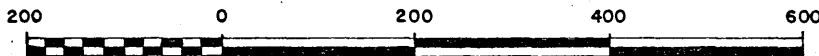
S. 52° E

II MILES EAST OF SMITHERS, B.C.

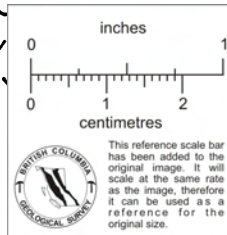


C-5 HOLE SURVEY

DEPTH	INCLINATION	DIRECTION
0	-65°	N. 60° W.
500'	-66°	N. 52° W.
737'	-64°	N. 48° W.



Average	Depths	Cu	Mo	Cu Equivalent
	90-560	.586	.025	.686



Size of Core: BQ
 Recovery: essentially 100%
 Spudded: July 15, 1970
 Completed: July 19, 1970
 Drilled by: D.W. Coates Enterprises

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DDH C-2, ^{was} drilled from a location 1200 ft north of C-1, at -45° to the SE, for a length of 1426 ft. Mineralization was more sparse in this hole than in C-1 but assays from the last few feet in the hole were comparable to ~~parts~~ some sections of interest in C-1. This hole will probably be deepened at a later date.

DDH C-3 was drilled from a location approximately 300 ft north ^{and 900 ft East} of C-1, ~~was~~ at a steep angle to the west. Mineralization in this hole also was sparse.

~~DDH C-4 was drilled to test the Burns I.P. anomaly~~

DDH C-5 was collared at 28+55N, 0+90E, and was drilled on a bearing N60°W at -65° for 1737 ft. Significant copper mineralization was intersected from ~~the collar~~ ^{at least} to approximately 400 ft. with continued disseminated mineralization below this. The section from 100 ft to 300 ft (190 ft.) averaged 0.72% Cu, 0.017% Mo. & included 70 ft (from 220-290) averaging 1.87% Cu, 0.016% Mo.

DDH C-6 was located ~~east of C-5~~ ^{at least} approximately 500 ft east of C-5 and drilled north-westwards at -60° .

DDH C-4 was located to test the Burns I.P. anomaly at collared at 39+00E on L. 45, and was drilled eastwards at -45° . This intersected black, graphitic shales & argillite carrying disseminated pyrite. The hole was stopped at 102 ft.