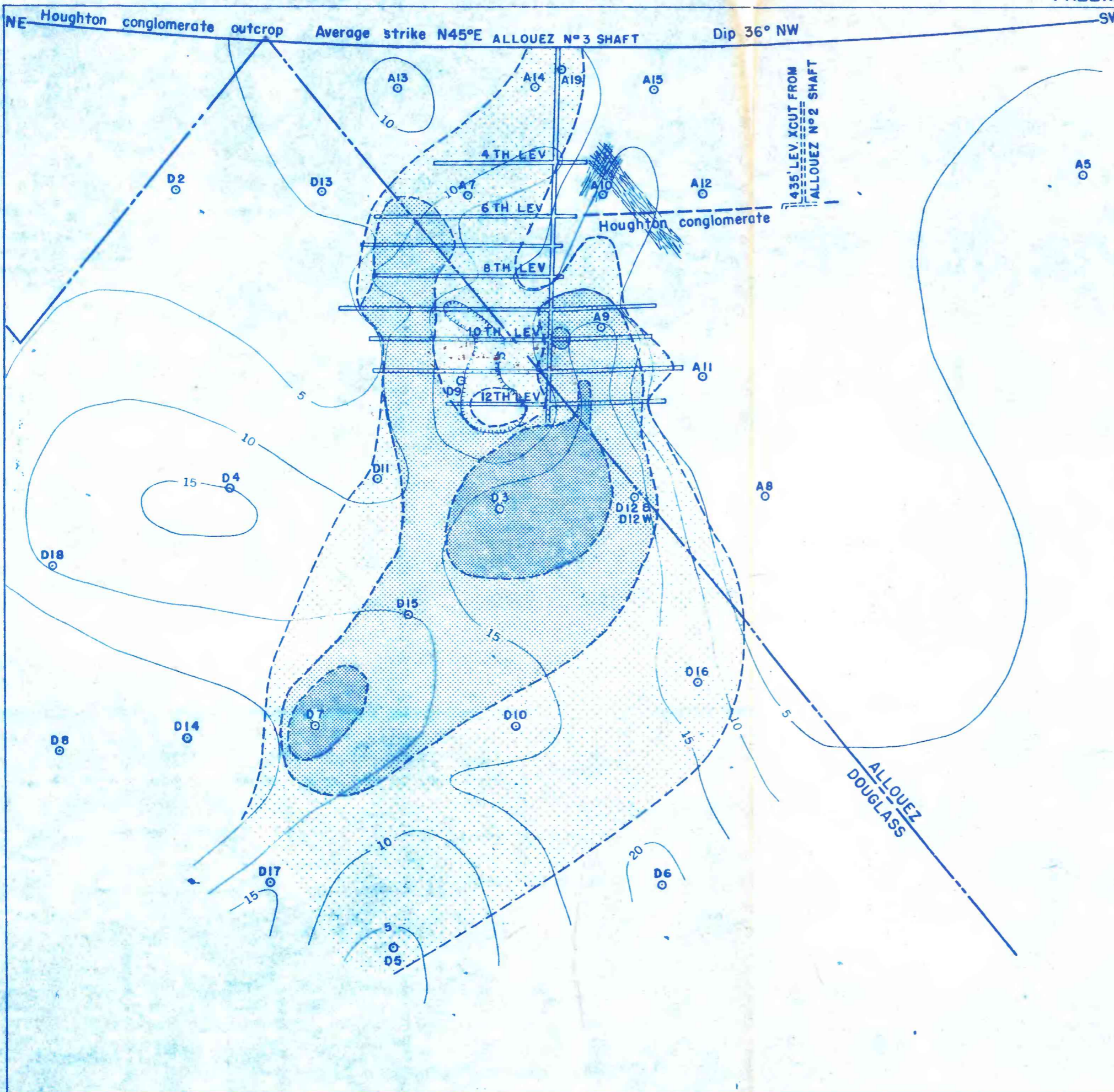


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(200)  
R295  
no. 30-4  
pl.  
Copper from  
Houghton + Ken-  
necraw Co.,  
Mich.

U. S. GEOLOGICAL SURVEY  
DENVER  
MAR 26 1952  
LIBRARY

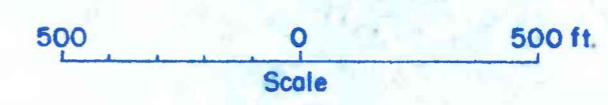
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EXPLANATION

-  25 - 150 ft. lbs. } mineralized \* thickness times average grade (lbs. Cu per ton)
-  150 - 600 ft. lbs. }
-  Over 600 ft. lbs. }
-  Zone of leakage fissures which probably mineralized the amygdaloids overlying the Houghton conglomerate.

DDH. No.	Thickness Congl.	Sample	%copper	Lbs/ton
A7	10.8 ft.	4.9 ft.	2.10	42.0
A9	15.6	5.9	1.54	30.9
A14	8.5	4.3	1.07	21.5
A19	7.3	3.2	0.95	19.0
D3	19.0	9.8	6.16	123.2
D5	4.4	3.9	0.56	11.3
D6	22.4	6.5	0.18	3.6
D7	7.0	3.1	9.98	199.6
D10	13.4	4.5	1.34	26.8
D11	6.5	6.4	0.44	8.9
D12W	17.5	9.9	2.70	54.0
D15	10.1	4.2	2.98	59.6
D16	13.8	7.4	0.91	18.1



\* Mineralized thickness equals thickness of sample listed in table above. Approximately 12 ft. lbs equal 1 lb of copper per square foot of lode area.

PLEASE REFERENCE IN POCKET IN BACK OF REBOUND VOLUME

THE HOUGHTON CONGLOMERATE ORE BODY  
LONGITUDINAL SECTION IN THE PLANE OF THE LODGE  
ALLOUEZ No. 3 SHAFT, CALUMET & HECLA CONSOLIDATED COPPER CO.

Geology by H. R. Cornwall, J. J. Runner,  
A. A. Stromquist, R. W. Swanson, W. S. White  
1946