

PROPERTY LADDER, NE TOWN

DIAMOND DRILL RECORD

SHEET NUMBER 1

REID LOT 50

HOLE NUMBER DDH #6TOTAL DEPTH 26.6 CO-ORDINATES COLLARLOCATION - about 300 feet east of Lake Ford on base line N70°E, Project A DEP. ATLOGGED BY E. Hannah ELEVATION COLLAR DATE BEGUN Aug. 12, 1955 BEARING S 20°EDATE FINISHED Aug. 17, 1955 ANGLE -45°

core recovery 93%

LOG FORM NO. 1

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
0.0	3.0				<u>CASING:</u>
3.0	12.0				<u>MOTTLED ANDESITE:</u> Multicolored, green, light green, yellow, red, brown and white. Aphanitic. Cleaves at roughly 50° to the core. Extremely altered by epidote. Silicified and many jasper veinlets. Hematite? A few carbonate veinlets. Disseminated pyrite and very fine grained metallics.
12.0	14.0	2.0			<u>DACITE TO TRACHYTE:</u> Mottled grey, light green, and red. Aphanitic. Cleaves at roughly 45° to core. Epidotized and silicified. Quartz and jasper veinlets. Disseminated pyrite. A few scattered specks of chalcopyrite. A few specks of galena?
14.0	17.0	3.0			<u>AS ABOVE:</u> In part porphyritic with phenocrysts of brown feldspar (?). Disseminated pyrite.
17.0	20.6	3.6			<u>ANDESITE:</u> Green-mottled. Aphanitic, cleaves at roughly 55° to core. Epidotized and silicified. Quartz, jasper and carbonate veinlets. Disseminated pyrite, a few specks of chalcopyrite and very fine grained metallics.
20.6	26.6	6.0			<u>MOTTLED ANDESITE:</u> Multicolored, green, light green, yellow and red. Aphanitic, cleaves at 60° to the core. Brecciated, welded together with jasperoid material. Quartz and carbonate stringers about one-quarter inch wide. Disseminated pyrite.

PROPERTY ADLER, NEAR COUNCIL BLAINE, IOWA

DIAMOND DRILL RECORD

SHEET NUMBER 2

HOLE NUMBER DDB #1

L.S. Form No. 2

LCT 50

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
25.6	27.4				<u>LOST CORE:</u>
27.4	28.5				<u>JASPEROID ANDESITE:</u> Reddish brown. Aphanitic. Cut by veinlets of carbonate. A little disseminated pyrite.
28.5	30.0				<u>LOST CORE:</u>
30.0	30.5				<u>ANDESITE:</u> Green, Aphanitic. Core broken up. Rock cut by quartz veinlets. Some disseminated pyrite.
30.5	31.4				<u>LOST CORE:</u>
31.4	32.2				<u>SYENITE:</u> Light brown. Extremely fine grained-contact zone. some development of cherty material. Disseminated pyrite.
32.2	33.2				<u>LOST CORE:</u>
33.2	37.7				<u>SYENITE:</u> Light brown. Fine grained. Equigranular. Some development of cherty material. Quartz and carbonate stringers. Disseminated pyrite.
37.7	38.3				<u>LOST CORE:</u>
38.3	60.5				<u>SYENITE:</u> Brown to dark brown. Fine to medium grained. Equigranular. Cleaves at about 50° to the core. A few thin carbonate veinlets. Disseminated cubes of pyrite and a few specks of chalcopyrite along the contact of the syenite and the quartzitic sedimentary rocks from about 59.0 to 60.5 feet.
60.5	63.0				<u>QUARTZITE:</u> Light grey to light brown, very fine grained. Apparent layering at 70° to core. Some disseminated pyrite.
					End of Hole.
					Remarks: This hole indicates that at least some ore minerals have been introduced along the fault contact.