

Aug 1982

720/11 SSRIP 1971

SWANSON

SW4-15-31-8-W3

TESTHOLE

ELK POINT DRILLING LTD.

EDMONTON, ALTA.

NORTH BATTLEFORD, SASK.

DRILLERS: PETER MAIK

JOHN SOLONINKO

SURFACE ELEV. 1750 FT.

FROM: TOP MAP 25' C.I.

MUD 1300

CONDUCTIVITY: WATER 750

UMHOS/CM

WELL

SP 10 MV

R 10 OHMS

Sand, light olive brown fine to medium gr. subrounded, qtz w/ abundant dk opaque grains
 Sand a.a. but more medium gr.
 Sand a.a. less stained
 Sand gray mainly fine grained, subround silty
 Sand & silt, sand is v. fine grained silty becoming siltier downward
 Silt, calcareous unoxidized gray laminated organic

Till, calc unox. v. soft when wet

Till a.a. but firmer

Sand & gravel; stained: fine to v. coarse sand interb'd w/ gravel to 1 cm dia, subangular to subrounded, mainly carbonates

Till, calcareous, unoxidized gray

Clay silty, noncalcareous, gray carbonaceous

DESCRIPTION OF CUTTING SAMPLES TD 204

Geology by W.A. Meneley Ferg. Nov 19/71

Sand, oxidized medium
 Sand with thin clay interbeds
 Sand, medium, deeper & salt, brown. clay
 Sand, w/ some clay
 Sand gray @ 20' some traces of coal
 Sand, interb'd w/ silt
 Sand fine

Gray silt

Silt clayey

Till, sandy

Till, a little harder

Sand & gravel, mostly limestone

Till gray
 BEDROCK SURFACE @ 157 ft.
 +1610 ft

Clay, w/ some bentonitic clay

DRILLERS LOG.

QTR	LSD	SEC	TWP	RGE	MER	Day	Mon	Year
SW	04	15	- 31	- 08	- W 3	19	11	71

Line No.	From (ft)	To (ft)	Driller's Log and Report Form
	0		SAND - LT. OL. BROWN - FINE TO MED. GRAIN. SUBRDED. - QTZ. W/ABUNDANNT DK. OPAQUE GRAINS
	12	20	SAND AS ABOVE MORE MED. GRAINED
	20	30	SAND AS ABOVE LESS STAINED
	30	36	SAND - MAINLY FINE GRAINED - GREY SUBROUND - SILTY
	36	44	SAND & SILT - SAND IS V. FINE GRAINED SILTY BECOMING SILTIER
	44	80	SILT - GREY - LAMINATED ORGANIC CALC. - UNOXIDIZED
	80	100	TILL - CALC. - UNOX. - V. SOFT WHEN WET
	100	121	TILL AS ABOVE - FIRMER
	121	132	SAND & GRAVEL - STAINED - FINE TO V. COARSE SAND - INTERB'D W/GRAVEL TO 1 CM. DIA. - SUBANG. TO SUBRD. MAINLY CARBONATES
	132	137	TILL - GREY - CALC. - UNOXIDIZED
	137	204	CLAY - SILTY - GREY - NONCALC. - CARB.

Contractor : ELK POINT DRILLING LTD.
 Driller's Log By : W. A. MENELEY