

**ALBERTA TRANSPORTATION
INSTRUMENTATION MONITORING RESULTS
FALL 2009**

SECTION C

NORTH CENTRAL (STONY PLAIN) REGION

SITE NC40: SH 825:02 – SOUTH OF STURGEON RIVER

1.0 OBSERVATIONS

1.1 Field Program and Instrumentation Status

Two standpipe piezometers (SP, SP-1 and SP-2) were installed at the site on September 24, 2009 by Mr. Hongwei Xia. of EBA Engineering Consultants Ltd. (EBA).

The SP's were read with a Solonist water level meter.

2.0 INTERPRETATION

2.1 General

2.2 Interpretation of Monitoring Results

There is insufficient data from the SP's at this time to infer piezometric elevations at this location.

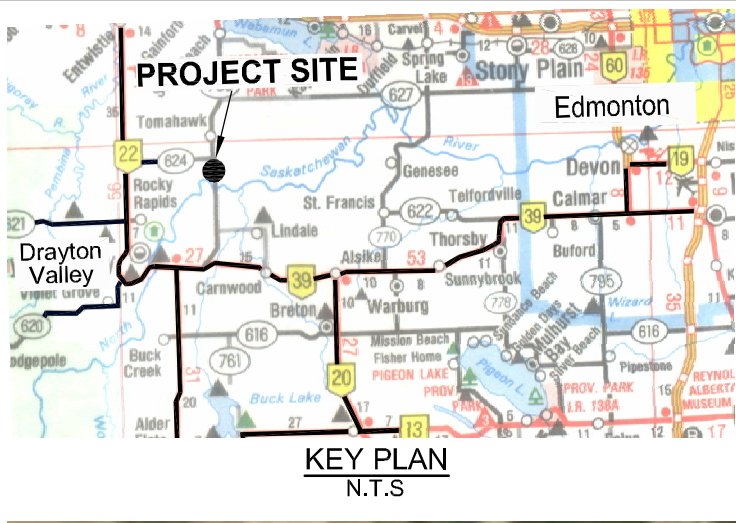
3.0 RECOMMENDATIONS

3.1 Future Work

The SP's should be read again in the spring of 2010.

4.0 INSTRUMENT REPAIR

Instrumentation repair is not required at this time.



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NOTES:

1. FEATURE LOCATIONS ARE APPROXIMATE.
 REFERENCE: BASE DRAWING FROM THURBER ENGINEERING LTD., PROJECT NUMBER #15-85-11, FIGURE NC40-1, DATED: MAY 2005

LEGEND:

- ⊙ - INSTRUMENT LOCATION
- SP - STANDPIPE PIEZOMETER

CLIENT
Government of Alberta
Transportation

EBA Engineering Consultants Ltd.



North Central (Stony Plain)
Geohazard Risk Management Plan
NC-40 South of Tomahawk, Alberta

Site Plan

PROJECT NO. E12101085.003	DWN DBD	CKD RJM	REV 0
OFFICE EBA-EDM	DATE November 2009		

Figure NC 40-1