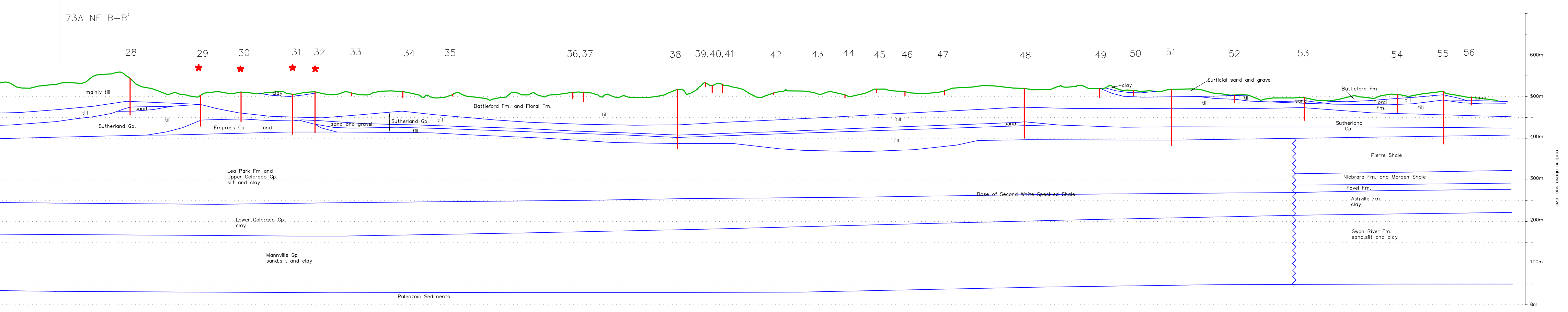
Environment Branch
Geology/Groundwater

Melfort Area
73A
CROSS SECTION
NW NE B–B'


73A NE B–B'
28
29
30
31
32
33
34
35
36,37
38
39,40,41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
mainly till
till
sand
Sutherland Gp.
till
Empress Gp.
and
clay
sand and gravel
Sutherland Gp.
till
till
Battleford Fm. and Floral Fm.
till
till
till
sand
clay
Surficial sand and gravel
till
till
sand
Battleford Fm.
Floral Fm.
till
till
sand
Sutherland Gp.
Pierre Shale
Niobrara Fm. and Morden Shale
Favel Fm.
Base of Second White Speckled Shale
Ashville Fm. clay
Swan River Fm. sand,silt and clay
Lea Park Fm and Upper Colorado Gp. silt and clay
Lower Colorado Gp. clay
Mannville Gp sand,silt and clay
Paleozoic Sediments
600m
500m
400m
300m
200m
100m
0m
metres above sea level

Testhole or Well

★ Flowing well

Accompanies:
Millard, M.J., 1990: Geology and
Groundwater Resources of the Melfort
Area (73A), Saskatchewan. Saskatchewan
Research Council Report No. R1210–6–E–90.

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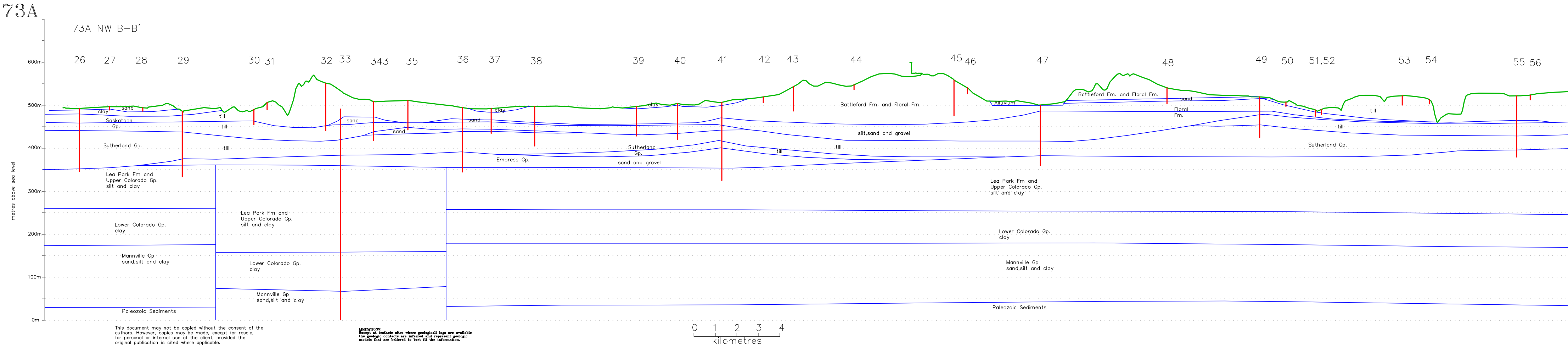
73A
73A NW B–B'
26
27
28
29
30 31
32 33
343
35
36
37
38
39
40
41
42
43
44
45 46
47
48
49
50
51,52
53
54
55 56
600m
500m
400m
300m
200m
100m
0m
metres above sea level
clay
sand
Saskatoon Gp.
Sutherland Gp.
till
Lea Park Fm and Upper Colorado Gp. silt and clay
Lower Colorado Gp. clay
Mannville Gp sand,silt and clay
Paleozoic Sediments
sand
Empress Gp.
Sutherland Gp.
sand and gravel
Battleford Fm. and Floral Fm.
silt,sand and gravel
Alluvium
Floral Fm.
0 1 2 3 4
kilometres

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LIMITATIONS:
Except at testhole sites where geologicall logs are available the geologic contacts are inferred and represent geologic models that are believed to best fit the information.