

Alberta Infrastructure - Instrumentation Monitoring Results

PROJECT: Peace River Curling Rink H2:60

FILE NAME: H2

MAP ID: PH3

Instrument I.D.	Reading Depth (m)	Stickup (m)	Ground Elevation (m)	Azimuth A+ Groove fr. Mag. North	Monitoring Date	Location of movement zone(s) (m)	Rate(s) of movement (mm/year)	General comments
H2-01a	20.1	0.97	352.65	14	June 14/2000	3-4.5 10.2-13	1.5 up from 0.6 0.6	Increased rate of movement in clay till Consistent rate of movement in clay till (upper) to sand & gravel (lower) Creep at surface More movement in B direction
H2-3a	17.1	0.97		350		2.7-4.6 10.1-13.1	1.5 up from 1 0.8 up from 0.3	Increased rate of movement in clay till Increased rate of movement in clay till (upper) to sand and gravel
H2-23	20.1	0.75	355.39		June 14/2000	17-18 (poss) 13.2-14.3 (poss)		very little movement in sandstone very little movement in gravel
H2-24	17.1		342.59		June 21/2000	3.0-6.0	0.5	Consistent rate of movement in clay creep at surface Bad initial of May 93, used June95
H2-27	19.5 20.1 in May99		341.46		May 28/1999	3.0-5.0 5.0-6.4 6.4-7.9	1 1 down from 2 2 down from 6	Consistent rate of movement in clay Decreased rate of movement in clay-sand-gravel zone Decreased rate of movement in gravel Bad reading June 15/00
H2-38	50				June 14/2000	18-22 27-36 44-48	0.7 down from 1.5 1 down from 2.2 0.4 down from 1.0	Decreased rate of movement in clay Decreased rate of movement in clay Decreased rate of movement in clay More movement in B direction
H2-39	50	0.9			June 14/2000	15-24 26-30 47-50	0.5 down from 1.7 0.2 down from 0.9 0.1 down from 2.0	Decreased rate of movement in clay till Decreased rate of movement in clay Decreased rate of movement in sand & gravel More movement in A direction
H2-51	20.1	0.83	353	2	June 15/2000	8.0-10 12.0-14.0	2.0 up from 1.0 2.5 in A direction 5 in B direction	Increased rate of movement in clay till Consistent rate of movement in sand & gravel

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H2-52	20.1	1.02	349.95	2	June 15/2000	1.0-4.0	5 up from 4	Increased rate of movement in clay (upper) to clay till
						4.0-6.0	1	Consistent rate of movement in clay till
						10.0-12.0	2	Consistent rate of movement in clay till
H2-53	20.1		346.2	16	May 28/1999	creep at surface		creep at surface