

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 52.65515 dms
Longitude 114 06 02.24588 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03
Date Printed 2025-08-03
Last Updated 2022-05-30

ASCM 19778
Tablet Markings D102
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1081.649 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition SEE BELOW 22-05-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5649444.435 m
Easting -7065.694 m
Convergence -0 04 41.44 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
159749 D100	369.234	1	19/1	0.999730	287 35 23.61	1.5	0.00
157842 649-4.177	370.457	1	30/1	0.999732	327 33 03.41	2.6	-0.01
102871 D94A	398.267	1	28/1	0.999731	321 49 07.02	2.3	-0.01
239434 649-4.176	422.967	1	26/1	0.999735	49 44 55.52	2.0	0.00
219006 649-4.116	466.884	1	24/1	0.999735	60 53 07.96	1.7	0.00
176339 646-4.238	468.824	1	17/1	0.999734	165 40 22.02	1.3	0.01

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 2022-05-30

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-09-27

Originating Project 72117 72117
Published 72-07-11 72-07-11
Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

ON S.W. SIDE OF ROAD NEAR INTER. OF GLENMORE DAM BOAT DOCK & HERITAGE PARK ROAD;
2.25M S.W. OF S.W. SIDE OF ASPHALT PATH;
18.0M (SLOPE DIST.) N.E. OF STONE BANK FOR DAM;
ON CABLE FENCE FOR W/S OF HERITAGE PARK ROAD, PROD. SOUTH;
33.3M SOUTH OF HERITAGE PARK AND BOAT DOCK SIGN;
44.5M S.W. OF MOST S. WESTERLY TRACK FOR HERITAGE PARK TROLLEY CAR.

NON COORDINATE REVISIONS

1972-07-11 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS CAP MISSING
MARKER REPORTED IN GOOD CONDITION

2022-05-16 2022-05-30
1990-11-07 1991-09-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 50

01-02-07 -0.005 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 50