

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 30.17104 dms
Longitude 114 07 21.49935 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 21691

Tablet Markings 646-8.55

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1084.444 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-03-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5648752.037 m
Easting -8612.707 m
Convergence -0 05 42.99 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)
138479 646-8.97	268.021	1	22/1	0.999733	238 01 58.68	1.8	0.00
148783 646-8.35	340.667	1	26/1	0.999736	95 17 14.20	2.0	0.00
130633 646-8.98	359.855	1	22/1	0.999733	237 24 35.19	1.9	0.00
279885 646-8.115	368.809	1	30/1	0.999734	207 35 20.05	2.4	0.01
157545 646-8.114	438.973	1	25/1	0.999733	257 58 13.49	2.2	0.00
224162 646-8.30	467.549	1	15/1	0.999735	135 18 11.80	1.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2018-02-09

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
50 CM BGL, LANSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2018-02-09

Originating Project 72115 72115
Published 83-03-19 83-03-19

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

LOCATED IN GLENMORE PARK AND WEST OF YACHT CLUB;
AT SOUTH END OF RESERVOIR;
25.50M SOUTH OF SOUTH EDGE OF ASPHALT BIKE PATH;
1.0 M NORTH OF EDGE OF ASPHALT PATH TO PLAYGROUND.

NON COORDINATE REVISIONS

1972-08-09 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2017-03-22	2018-02-09
MARKER REPORTED IN GOOD CONDITION	1992-12-02	1993-02-02
MARKER REPORTED IN GOOD CONDITION	1990-07-19	1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 55

01-02-07 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.55 56464 8 55