

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 31.18894 dms
Longitude 114 08 24.62590 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 59550

Tablet Markings D119

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1108.744 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650639.629 m
Easting -9840.586 m
Convergence -0 06 32.12 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229401 180169	124.058	1 161/3	0.999730	328 34 48.17	5.2	0.00
91918 649-8.37	224.296	1 58/2	0.999730	88 31 12.52	4.8	0.00
177923 649-8.79	304.099	1 72/2	0.999731	346 22 18.98	3.6	-0.01
291591 649-8.80	447.971	1 54/2	0.999730	48 27 27.81	4.5	-0.01
142612 649-8.54	504.857	1 48/2	0.999731	36 31 33.19	3.9	-0.01
252932 649-8.38	605.152	1 43/2	0.999731	73 02 49.55	3.6	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-13

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1 GP

COORDINATE HISTORY

HORZ VERT

Originating Project 72112 72112
Published 84-01-12 84-01-12

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

MARKER LOCATION

Updated: 1990-06-26

LOCATED IN GLENMORE PARK SOUTH WEST IN NORTH WEST 1/4
SECTION 30; ABOUT 400' EAST OF 37 STREET SOUTH WEST AND
ABOUT THE SAME FROM 180169; STATION IS 1.0 M NORTH OF
TOP OF BANK;6.10 M S OF MEANDERING ASPHALT BIKE PATH; SIGN POST "NO #11"; APPROX
SOUTH WEST.

NON COORDINATE REVISIONS

1973-01-18 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1990-09-05	1991-03-13
MARKER REPORTED IN GOOD CONDITION	1990-05-11	1990-06-26
MARKER REPORTED IN GOOD CONDITION	1988-02-08	1988-06-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 8 26

VERT

01-02-07	-0.049 m	ELEVATION REVISED AND REINTEGRATED
99-08-16	0.048 m	ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 8 26