

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 23.05683 dms  
Longitude 114 07 34.66629 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 21212  
Tablet Markings 649-8.46  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1091.175 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5650386.594 m  
Easting -8866.767 m  
Convergence -0 05 53.29 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
134841 649-8.40	135.641	1 111/2	0.999731	1 19 21.41	4.7	0.00
225144 649-8.42	329.213	1 52/2	0.999733	65 53 53.55	4.3	0.00
131011 649-8.41	341.458	1 56/2	0.999732	1 43 44.54	3.3	-0.01
187807 D117	456.511	1 35/2	0.999731	255 02 05.38	3.0	0.00
238170 D115	493.957	1 36/2	0.999734	148 04 37.97	3.1	0.01
285148 649-8.45	514.480	1 29/2	0.999733	107 19 05.64	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-19

Meridian Defl,XI(+N) 3.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.8 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND. 0.30M EAST OF G.P.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-19

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

LOCATED IN THE MIDDLE OF GLENMORE PARK N.W. OF TENNIS COURTS;  
103 M SOUTH OF THE NORTH P/L OF GLENMORE PARK;  
140 M N.W. OF TENNIS COURTS.

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

NON COORDINATE REVISIONS

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

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

1990-09-04 1991-03-19  
1988-02-08 1988-06-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 8 46

01-02-07

0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-08.46 56494 8 46