

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 18.99858 dms  
Longitude 114 07 59.71563 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 80-05

ASCM 34702

Tablet Markings 640-8.7000

Date Printed 2025-08-03

Last Updated 2003-03-12

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 008

Vert Datum CVD28 Updated: 1981-08-01  
Elevation 1136.615 m  
Vert Class PROVISIONAL , BAROM. LEVELS

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

Marker Condition GOOD 80-05-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet  
To Markings

Horizontal Std PPM/ Grid/ Grnd  
Distance Dev Order Factor  
(m)(cm)

Grid Std T-t  
Bearing Dev Corr  
(dms) (s) (s)

Northing 5640992.384 m  
Easting -9372.240 m  
Convergence -0 06 12.31 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999726

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.6 s 2 s  
Prime Vert Defl,ETA(+E) 7.3 s 2 s  
Geoid\_Ellip Separation -15.79 m 1 m

MARKER TYPE

Updated: 1981-08-12

TEMPORARY

MARKER LOCATION

Updated: 1981-08-12

TEMPORARY

COORDINATE HISTORY

Originating Project 80016 80016  
Published 81-08-01 81-08-01

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1981-08-12 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 87000

VERT

HISTORY 56404 87000