

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 29.20707 dms  
Longitude 114 02 49.43768 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 82-07  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 21774  
Tablet Markings 640-0.7002  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1040.360 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 82-07-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet Horizontal Std PPM/ Grid/ Grnd  
To Markings Distance Dev Order Factor  
(m)(cm)

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

Northing 5641300.410 m  
Easting -3310.116 m  
Convergence -0 02 11.51 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999740

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-11-28

Meridian Defl,XI(+N) 4.3 s 2 s  
Prime Vert Defl,ETA(+E) 5.9 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1983-11-28

COORDINATE HISTORY HORZ VERT

TEMPORARY

Originating Project 82025 82025  
Published 83-12-02 83-12-02

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1983-11-28 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

VERT

OLD ASC # 56404 07002

99-08-16

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 07002