

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 17.20716 dms  
Longitude 114 00 42.40102 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 79-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 14712  
Tablet Markings 79040.911  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000  
Marker Condition GOOD 79-03-01

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1008.593 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

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 5642782.564 m  
Easting -828.105 m  
Convergence -0 00 32.92 dms  
Station Ellipsoid Factor 0.999845  
Station Combined Factor 0.999745

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1981-06-14

TEMPORARY

MARKER LOCATION

Updated: 1981-06-14

TEMPORARY POINT

COORDINATE HISTORY

Originating Project 79040 79040  
Published 83-08-19 83-08-19

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

NON COORDINATE REVISIONS

1981-06-14 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 07014

VERT  
01-02-07

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 07014