

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 04.71807 dms  
Longitude 114 06 22.48286 dms  
Horz Class INTEGRATED , ORDER U

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

ASCM 20321  
Tablet Markings 79012.905  
Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 004  
Marker Condition GOOD 79-03-01

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1100.695 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 5646109.839 m  
Easting -7465.225 m  
Convergence -0 04 57.04 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N) 3.9 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -15.96 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1979-10-11

COORDINATE HISTORY HORZ VERT

TEMPORARY POINT

Originating Project 79012 79012  
Published 83-08-25 83-08-25

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

NON COORDINATE REVISIONS

1979-10-11 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 # 56434 47014

01-02-07

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 47014