

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 01.44178 dms
Longitude 114 07 53.18763 dms
Horz Class INTEGRATED , ORDER U

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

ASCM 31559
Tablet Markings 79010.901
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008
Marker Condition GOOD 79-03-01

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1123.086 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 5646011.457 m
Easting -9235.762 m
Convergence -0 06 07.48 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

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) 7.0 s 2 s
Geoid_Ellip Separation -15.90 m 1 m

MARKER TYPE

Updated: 1979-08-27

TEMPORARY

MARKER LOCATION

Updated: 1979-08-27

TEMPORARY POINT.

COORDINATE HISTORY

Originating Project 79010 79010
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

1979-08-27 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 # 56434 87011

VERT
01-02-07

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 87011