

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 18.11715 dms
Longitude 114 06 05.97071 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 79-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 69138

Tablet Markings 79042.999

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Marker Condition GOOD 79-03-01

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1094.688 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 5644669.467 m
Easting -7144.928 m
Convergence -0 04 44.16 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

MARKER TYPE

Updated: 1980-09-10

TEMPORARY

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1980-09-10

TEMPORARY POINT

Originating Project 79042 79042
Published 79-12-01 79-12-01

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

NON COORDINATE REVISIONS

1980-09-10 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 47030

01-02-07

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 47030