

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 58.82583 dms
Longitude 114 08 13.18225 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 83-10

ASCM 9480

Tablet Markings 643-8.7014

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

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1101.009 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 83-10-01

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 5644077.404 m
Easting -9629.613 m
Convergence -0 06 22.91 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: 1984-08-30

Meridian Defl,XI(+N) 4.3 s 2 s
Prime Vert Defl,ETA(+E) 7.2 s 2 s
Geoid_Ellip Separation -15.85 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1984-08-30

COORDINATE HISTORY HORZ VERT

TEMPORARY

Originating Project 83047 83047
Published 84-09-05 84-09-05

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

NON COORDINATE REVISIONS

1984-08-30 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 87014

01-02-07

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 87014