

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 08.48064 dms
Longitude 114 09 46.01595 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 81-08
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 42325
Tablet Markings 664-8.7003
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1179.375 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 81-08-01

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 5664772.965 m
Easting -11396.530 m
Convergence -0 07 36.19 dms
Station Ellipsoid Factor 0.999818
Station Combined Factor 0.999719

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

MARKER TYPE

Updated: 1983-05-09

TEMPORARY

MARKER LOCATION

Updated: 1983-05-09

TEMPORARY

COORDINATE HISTORY

Originating Project 81041 81041
Published 83-05-12 83-05-12
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1983-05-09 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 # 56644 87003

VERT

00-06-15

0.037 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 87003