

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 21.43566 dms
Longitude 113 58 13.39772 dms
Horz Class INTEGRATED , ORDER U

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

ASCM 62786
Tablet Markings 661+4.7006
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004
Marker Condition GOOD 81-12-01

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1098.013 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 5661453.115 m
Easting 2074.476 m
Convergence 0 01 22.95 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.43 m 1 m

MARKER TYPE

Updated: 1982-09-23

TEMPORARY

MARKER LOCATION

Updated: 1982-09-23

TEMPORARY

COORDINATE HISTORY

Originating Project 81043 81043
Published 82-09-23 82-09-23
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-09-23 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 # 56613 47006

VERT
99-10-21

0.020 m PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL

HISTORY 56613 47006