

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 51.05607 dms
Longitude 114 11 39.17401 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 78-03

ASCM 68445

Tablet Markings 78039.1000

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

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1164.051 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 78-03-01

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 5664239.886 m
Easting -13598.587 m
Convergence -0 09 04.24 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999722

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1978-12-06

COORDINATE HISTORY HORZ VERT

TEMPORARY POINT.

Originating Project 78039 78039
Published 83-08-18 83-08-18

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1978-12-06 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 # 56644 127016

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 127016