

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 08 03.84045 dms
Longitude 114 04 54.04712 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 83-05

ASCM 12484

Tablet Markings 664-4.7045

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

Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1097.631 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 83-05-01

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 5666474.146 m
Easting -5716.576 m
Convergence -0 03 48.95 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-05-08

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1984-05-08

COORDINATE HISTORY HORZ VERT

TEMPORARY

Originating Project 83011 83011
Published 84-05-10 84-05-10

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1984-05-08 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 47045

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 47045