

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 24.01588 dms
Longitude 113 59 27.24567 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 93-03
Date Printed 2025-08-04
Last Updated 2003-03-12

ASCM 363564

Tablet Markings

Vert Datum CVD28 Updated: 1993-09-02
Elevation 1034.311 m
Vert Class INTEGRATED , NON-SIMUL TRIG

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

Mapsheet Name CALGARY C
Mapsheet Number 5640 + 004

Marker Condition GOOD 93-03-15

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 5641138.993 m
Easting 639.905 m
Convergence 0 00 25.42 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999741

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-06-15

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

TEMPORARY POINT

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-06-15

Originating Project 93006 93006
Published 93-09-02 93-09-02

TEMPORARY POINT

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1993-06-15 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND
"MAPSHEET NO" CHANGED
1993-09-03 'MAPSHEET NAME' AND/OR
'MAPSHEET NO' CHANGED
1993-06-15 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT
93-09-02

CALCULATED FROM VERTICAL ANGLE OBSERVATIONS.