

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 06.36935 dms
Longitude 114 00 12.71264 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 36129
Tablet Markings 79040.907
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000
Marker Condition GOOD 79-03-01

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1007.082 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 5642447.629 m
Easting -248.298 m
Convergence -0 00 09.87 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1981-06-14

TEMPORARY

COORDINATE HISTORY

MARKER LOCATION

Updated: 1981-06-14

TEMPORARY POINT

Originating Project 79040 79040
Published 83-08-19 83-08-19
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1981-06-14 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 # 56404 07010

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY

56404 07010