

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 55.72068 dms
Longitude 114 08 28.66022 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 60095

Tablet Markings 649-08.28

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 1971-04-21
Elevation 1103.000 m
Vert Class NOT INTEGRATED, CONSULT AGENCY

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

Marker Condition GOOD 90-09-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5649543.841 m
Easting -9921.358 m
Convergence -0 06 35.20 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
146001 649-08.29	271.645	1 55/2	0.999729	180 23 46.40	2.8	0.01
181719 76A012	375.200	1 45/2	0.999730	165 55 06.15	2.7	0.01
199950 646-8.239	526.831	1 38/2	0.999730	153 40 57.81	2.9	0.01
161182 1815.2	596.035	1 29/2	0.999730	180 43 12.77	1.9	0.01
261818 646-8.234	682.777	1 28/2	0.999731	147 54 31.01	2.1	0.01
193433 646-8.238	831.334	1 23/1	0.999731	175 21 16.20	1.6	0.02

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-04-21

Meridian Defl,XI(+N) 3.6 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

ASC BRASS TABLET ON TOP OF 1.52M IRON BAR.
0.30 M SOUTH OF G.P.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-03-18

Originating Project 70104 70104
Published 71-04-21 71-04-21

NORTH OF 82 AVE & WEST OF 37 ST. ;
2.50 M WEST OF THE WEST P.L. OF 37 ST. ;
315 M NORTH OF FROST FENCE ON 82 AVE. ;

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

NON COORDINATE REVISIONS

1971-04-21 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-09-04 1991-03-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 8 28

HISTORY 56494 8 28