

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 35.43247 dms
Longitude 114 08 01.46512 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

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

ASCM 61598

Tablet Markings 646-8.70

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1120.754 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5647062.024 m
Easting -9395.420 m
Convergence -0 06 13.96 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
82172 646-8.69	113.559	1 70/2	0.999731	107 16 16.54	4.9	0.00
128470 646-8.71	170.306	1 47/2	0.999728	250 52 25.12	3.9	0.00
190033 646-8.78	177.002	1 62/2	0.999725	323 38 18.22	4.9	0.00
179705 646-8.76	179.751	1 78/2	0.999724	290 41 34.13	6.4	0.00
88674 646-8.62	187.241	1 59/2	0.999727	36 29 49.07	4.7	0.00
46094 646-8.72	246.532	1 32/1	0.999729	225 16 15.83	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-08

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BELOW GROUND LEVEL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

Originating Project 74116 74116
Published 83-04-29 83-04-29

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

N.W. CORNER CEDARILLE DR. & CEDARILLE WAY, S.W.
0.30M NORTH OF NORTH B.O.W.;
4.80M WEST OF WEST BOW PROD. SOUTH;
HOUSE #3220 CEDARILL DRIVE S.W.

NON COORDINATE REVISIONS

1974-07-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-07-19 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 70

01-02-07

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.70 56464 8 70