

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 39.68958 dms
Longitude 114 03 35.18568 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 50781

Tablet Markings 646-4.190

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1059.044 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5649040.691 m
Easting -4197.574 m
Convergence -0 02 47.18 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
151290 646-4.191	206.835	1 58/2	0.999735	157 06 19.41	5.0	0.00
111856 646-4.189	224.607	1 45/2	0.999735	273 01 06.31	3.9	0.00
259754 646-4.193	299.765	1 40/2	0.999735	226 05 29.70	3.3	0.00
173393 649-0.66	313.069	1 38/2	0.999739	45 04 36.80	3.3	0.00
37036 646-0.91	346.536	1 38/2	0.999738	126 51 13.76	3.3	0.00
167858 649-4.192	360.354	1 36/2	0.999736	311 24 52.59	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-08

Meridian Defl, XI(+N) 3.5 s 2 s
Prime Vert Defl, ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-01-06

Originating Project 72114 72114
Published 83-03-03 83-03-03

ON E/S OF FAIRMOUNT DR. AT 84 AVE. S E ; 0.15 M E OF B. OF
SEP. W PROD S; 1.2 M N OF B.O.W. PROD E; 16.1 M S E OF LT.S;
IN FRONT OF HOUSE #8512.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-11-28 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
MARKER REPORTED IN GOOD CONDITION

1993-09-24 1994-01-05
1991-06-26 1992-01-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 190

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.190 56464 4 190