

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 31.00472 dms
Longitude 114 03 50.21766 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 1248

Tablet Markings 649-4.184

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

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1053.638 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-10-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650626.530 m
Easting -4489.424 m
Convergence -0 02 58.89 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
288613 649-4.200	232.876	1	30/1	0.999738	89 01 52.70	2.6	0.00
264853 649-4.199	301.292	1	53/2	0.999738	119 52 02.99	4.2	0.00
256263 649-4.210	302.622	1	30/1	0.999737	281 12 52.67	2.4	0.00
95794 649-4.183	405.497	1	27/1	0.999737	233 28 50.72	2.3	0.00
70185 649-4.211	493.423	1	24/1	0.999737	187 44 11.04	2.0	0.01
13391 649-0.61	513.688	1	21/1	0.999737	88 40 34.89	1.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-15

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-15

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

ON W/S OF FAIRMONT DR. AT FARRELL RD. S.E.; 6.2 M. S OF F.O.C. ON S/S OF
FARRELL RD. PROD. WEST; 2.15 M. W OF B.O.W. PROD. NORTH; 1.3 M. E OF
W. P/L FENCE OF FAIRMONT DR.; 1.0 M. W OF MIDDLE OF LARGE GRAY A.G.T.BOX.

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
2017-03-20 "MAPSHEET NAME" AND
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1995-02-06 INSTALLATION DATE CHANGED
FROM 72-03

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-10-02 1991-10-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 184

99-08-16

0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.184 56494 4 184