

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 25.01596 dms
Longitude 114 08 28.68970 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2011-02-14

ASCM 36970
Tablet Markings 658-8.213
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1112.983 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-02-14

Scale Factor 0.999900 At Ref Mer 114

Northing 5659718.848 m
Easting -9902.424 m
Convergence -0 06 35.74 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
119883 658-8.202	253.239	1 39/2	0.999727	180 14 18.73	3.2	0.01
83220 658-8.211	319.120	1 41/2	0.999728	106 26 30.79	3.4	0.00
248070 658-8.209	332.380	1 42/2	0.999729	116 15 51.25	3.5	0.00
251991 658-8.203	336.961	1 39/2	0.999728	131 47 39.04	3.1	0.01
233163 658-8.201	449.132	1 27/1	0.999729	180 10 58.29	2.3	0.01
97196 658-8.207	587.688	1 26/1	0.999730	104 30 20.07	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-19

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED, 1.1 M E OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 71105 71105
Published 71-10-21 71-10-21

ON W/S OF LANE BETWEEN UNITY PL AND UNDERHILL PL NW; 1.3 M E OF N-S STEEL FENCE
W/S OF LANE; 3.1 M S OF E-W WOOD FENCE N/S OF LAND PROD W.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-10 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

2005-07-15 2006-06-19
1989-02-16 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 213

00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-08.213 658-08 213