

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 49.70814 dms  
Longitude 114 00 47.41022 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 422  
Tablet Markings 2321.10  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1081.630 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658618.435 m  
Easting -923.108 m  
Convergence -0 00 36.88 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

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)
173377 G3A	251.887	1	52/2	0.999731	46 09 54.79	4.4	0.00
247783 G55	299.860	1	40/2	0.999731	353 09 04.02	2.9	0.00
212589 2321.12	336.178	1	89/3	0.999734	94 40 38.37	4.9	0.00
254664 G8	391.901	1	33/2	0.999731	353 49 23.49	2.5	0.00
72710 G7	391.995	1	36/2	0.999732	43 37 57.16	3.1	0.00
25049 2321.13	445.917	1	67/2	0.999732	110 52 12.55	4.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-30

Meridian Defl, XI(+N) 2.6 s 2 s  
Prime Vert Defl, ETA(+E) 4.9 s 2 s  
Geoid\_Ellip Separation -16.33 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-30

Originating Project 69105 69105  
Published 70-04-01 70-04-01  
  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

ON THE SE CORNER OF 19 ST AND MAYLAND DR SE;  
2.20 M E OF B.O.W. PROD. N;  
0.80 M S OF B.O.W. PROD. W;  
3.30 M SW OF CB.

NON COORDINATE REVISIONS

1970-04-01 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	1994-11-01	2001-08-30
MARKER REPORTED IN GOOD CONDITION	1993-05-10	1993-07-08
MARKER REPORTED IN GOOD CONDITION	1991-09-17	1992-01-28
MARKER REPORTED IN GOOD CONDITION.	1991-06-19	1992-01-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 68

99-10-21 0.050 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 68