

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 23.93950 dms  
Longitude 114 01 51.87179 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03

ASCM 8367

Tablet Markings 2219.46

Date Printed 2025-08-03  
Last Updated 2015-04-30

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1037.090 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-03-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5654114.643 m  
Easting -2180.116 m  
Convergence -0 01 26.97 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
106377 2219.39	208.025	1	86/2 0.999743	265 33 29.18	2.6	0.00
16840 2219.38	310.721	1	64/2 0.999739	308 47 58.77	5.5	0.00
42978 2219.40	360.175	1	61/2 0.999741	264 19 14.38	2.1	0.00
137208 2218.5	526.962	1	36/2 0.999739	209 45 35.14	3.1	0.00
209221 2219.37	616.346	1	37/2 0.999738	331 17 04.08	3.1	0.00
99721 2318.2	654.819	1	35/2 0.999740	102 38 10.09	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2015-04-30

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.24 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2015-04-30

Originating Project 69110 69110  
Published 70-06-24 70-06-24  
  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

ON NW COR OF 34 AVENUE AND OGDEN ROAD S.E.; 1.4 M NORTH OF F.O.C. PROD. E.;  
7.0 M WEST OF F.O.C. PROD. S.; 3.8 M NE OF CB.  
3.5 m SSW OF FCP OF CHAIN LINK FENCE  
0.4 m E OF BROKEN OFF GP  
70 cm NW OF FOC ON CURVE

NON COORDINATE REVISIONS

1970-06-24 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  
MARKER REPORTED IN GOOD CONDITION

2015-03-22 2015-04-30  
1992-04-07 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 84

99-08-16

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 84