

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 22.78099 dms
Longitude 114 02 10.25760 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 42978
Tablet Markings 2219.40
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1055.575 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5654079.009 m
Easting -2538.430 m
Convergence -0 01 41.26 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)
106377 2219.39	152.265	1 112/2	0.999737	82 37 47.75	3.1	0.00
16840 2219.38	258.014	1 74/2	0.999738	26 46 45.55	6.0	0.00
62356 2219.33	305.247	1 59/2	0.999734	273 58 50.67	2.9	0.00
8367 2219.46	360.175	1 61/2	0.999741	84 19 14.38	2.1	0.00
73643 2218.9	386.808	1 49/2	0.999735	232 10 00.32	3.9	0.00
137208 2218.5	432.795	1 42/2	0.999736	167 04 11.95	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-01

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 69103 69103
Published 70-10-06 70-10-06

ON SE COR OF 34 AVE AND 11A ST SE; 4.7 M S OF F.O.C. PROD. W.;
4.7 M E OF F.O.C. PROD. N.; 2.65 M SE OF F.O.C. ON CURVE.

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

NON COORDINATE REVISIONS

1970-10-06 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

1992-10-13 1993-02-02
1992-04-01 1993-02-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 77

99-08-16 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 77