

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 30.23541 dms
Longitude 114 02 04.29946 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2012-07-27

ASCM 16840
Tablet Markings 2219.38
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1057.999 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-03-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-07-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5654309.290 m
Easting -2422.211 m
Convergence -0 01 36.63 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
106377 2219.39	213.655	1	89/2	0.999740	170 38 15.38	3.4	0.00
42978 2219.40	258.014	1	74/2	0.999738	206 46 45.55	6.0	0.00
8367 2219.46	310.721	1	64/2	0.999739	128 47 58.77	5.5	0.00
209221 2219.37	350.034	1	54/2	0.999736	351 07 48.37	3.8	0.00
27532 2219.36	369.794	1	57/2	0.999735	333 38 19.39	4.7	0.00
244889 2219.34	435.585	1	69/2	0.999736	279 18 02.13	5.8	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 -16.24 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND, 0.45 M W OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-01

Originating Project 69110 69110
Published 70-06-24 70-06-24

ON EDGE OF HILL BY 2ND HYDRO TOWER NORTH OF 34 AVENUE S.E.; 2.7 M SOUTH OF
EDGE S/S OF TOWER; 2.7 M EAST OF WEST EDGE OF TOWER PROD. S.

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

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 1992-03-31 1993-02-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 75

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 75