

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 46.38878 dms
Longitude 114 00 41.04094 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-05
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 28472
Tablet Markings 658-0.172
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1081.554 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 04-11-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660369.823 m
Easting -798.823 m
Convergence -0 00 31.93 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
29645 658-0.171	176.655	1	45/2	0.999733	84 51 35.14	3.5	0.00
249581 658-0.175	229.798	1	44/2	0.999730	274 06 43.60	3.4	0.00
129981 658-0.173	290.740	1	31/1	0.999734	187 52 33.30	2.7	0.00
236687 658-0.170	348.277	1	29/1	0.999735	153 50 32.75	2.4	0.00
139022 658-0.174	385.038	1	29/1	0.999732	217 08 53.66	2.5	0.00
200139 658-0.168	432.400	1	23/1	0.999733	90 18 57.53	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-06-15

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.36 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1982-06-15

Originating Project 81023 81023
Published 82-06-16 82-06-16

SE COR 19 ST & 30 AVE NE; 0.30M SE OF B.O.C. ON CURVE; 5.70M S OF
F.O.C. S/S 30 AVE PROD W; 7.60M E OF F.O.C. E/S 19 ST PROD N.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-06-15 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

2004-11-09 2004-12-03
1993-04-29 1993-08-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 172

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 172