

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 46.90166 dms
Longitude 114 00 32.00396 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-05

ASCM 29645

Tablet Markings 658-0.171

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1083.105 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 5660385.646 m
Easting -622.925 m
Convergence -0 00 24.90 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)
28472 658-0.172	176.655	1	45/2	0.999733	264 51 35.14	3.5	0.00
200139 658-0.168	257.094	1	31/1	0.999733	94 03 43.49	2.6	0.00
8656 658-0.159	305.249	1	33/1	0.999733	56 45 56.07	2.7	0.00
236687 658-0.170	329.200	1	30/1	0.999733	183 54 12.18	2.5	0.00
129981 658-0.173	372.657	1	27/1	0.999732	215 23 00.15	2.3	0.00
176149 658-0.169	392.144	1	23/1	0.999732	139 41 42.84	2.0	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: 1993-08-10

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

ON THE N/S OF 30 AVE AT 21 ST NE; 0.50 M N OF B.O.W.; 5.37 M E OF B.O.W. E/S
PROD N; 9.2 M E OF CB.

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 RPEORTED 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 0 171

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 171