

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 40.38698 dms
Longitude 114 04 39.37597 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 34462

Tablet Markings 658-4.165

Date Printed 2025-08-03
Last Updated 2014-08-27

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1084.459 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-12-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2014-08-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5660187.173 m
Easting -5437.982 m
Convergence -0 03 37.35 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
138685 658-4.164	113.859	1	114/2	0.999728	264 59 14.15	5.2	0.00
90654 658-4.169	196.021	1	82/2	0.999731	22 03 33.67	6.8	0.00
193607 658-4.163	213.507	1	66/2	0.999735	173 52 50.12	3.9	0.00
270942 658-4.177	401.266	1	45/2	0.999731	278 12 56.24	3.4	0.00
175273 658-4.208	440.231	1	39/2	0.999733	31 12 44.58	3.1	-0.01
4978 210227	444.599	1	38/2	0.999735	104 07 58.60	3.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2003-06-20

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-02-02

Originating Project 71101 71101
Published 71-03-01 71-03-01

ON N.W. COR. OF 28TH AVE. AND 6TH ST. N.W.;
0.60 M NORTH OF B.O.W., PROD. E.; 7.8 M WEST OF F.O.C., PROD. S.;
6.2 M WEST OF CB.

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

NON COORDINATE REVISIONS

1972-01-25 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	2002-12-17	2003-06-20
MARKER REPORTED IN GOOD CONDITION	1994-09-26	1994-10-13
MARKER REPORTED IN GOOD CONDITION	1993-08-30	1993-10-01
MARKER REPORTED IN GOOD CONDITION	1993-03-26	1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 165

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.165 56584 4 165