

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 37.84871 dms
Longitude 114 06 40.75708 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 46482
Tablet Markings 1925.3
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1226.633 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-11-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663819.735 m
Easting -7795.145 m
Convergence -0 05 11.93 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

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)
68148 1925.2	492.149	1	47/2	0.999710	89 51 14.28	2.9	0.00
18481 190249	493.357	1	41/2	0.999713	252 16 34.30	3.0	0.00
203364 1825.1	728.206	1	29/2	0.999712	270 29 43.60	2.4	0.00
247742 190254	777.158	1	32/2	0.999711	322 51 42.37	2.7	-0.01
34488 1924.7	793.175	1	38/2	0.999712	178 36 29.77	3.2	0.02
40386 1925.4	872.629	1	30/2	0.999711	32 59 04.85	2.5	-0.01

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.20 m 1 m

MARKER TYPE Updated: 1989-05-01
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30.0 CM NORTH OF GP.

COORDINATE HISTORY

Originating Project 69109 69109
Published 70-05-22 70-05-22
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1989-05-01
LOCATED EAST OF 24 STREET AND ALONG THE NORTH BOUNDRY OF SECTION 5; 3.0' NORTH OF EXISTING EAST WEST FENCE; APPROX. 1537' EAST OF THE WEST PROPERTY LINE OF 24 STREET; CUTOFF 5.5' IN GROUND.

NON COORDINATE REVISIONS

1970-05-22 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. 1988-11-18 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 31

VERT 99-10-21 0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 4 31