

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 09.69753 dms
Longitude 114 05 24.90348 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 76-03

ASCM 40840

Tablet Markings 661-4.208

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1148.268 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662947.850 m
Easting -6320.780 m
Convergence -0 04 12.86 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999723

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)
145649 661-4.141	160.927	1	62/2	0.999722	203 57 57.07	5.3	0.00
164954 661-4.206	308.118	1	32/1	0.999722	106 13 55.62	2.8	0.00
233312 661-4.205	311.043	1	32/1	0.999723	48 55 15.99	2.7	0.00
247239 661-4.113	406.504	1	42/2	0.999724	175 02 24.88	3.6	0.01
136788 661-4.143	417.977	1	29/1	0.999725	110 36 18.26	2.3	0.00
100925 661-4.211	455.591	1	24/1	0.999725	59 44 52.90	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-03-30

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

Originating Project 76039 76039
Published 83-05-17 83-05-17

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-01-25

ON THE NE COR. OF NORSEMAN RD. AND NORSEMAN RD. IN FRONT OF HOUSE #268;
0.1 M N OF B.O.W. ON CURVE; 0.65 M N OF B.O.W. N/S PROD. W;
6.2 M E OF THE E B.O.W. PROD. S.

NON COORDINATE REVISIONS

1977-03-30 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.

1993-08-16 1994-01-25
1988-11-04 1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 208

VERT

00-06-15

0.045 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.208 56614 4 208