

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 03.75061 dms
Longitude 113 57 44.29382 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 32813

Date Printed 2025-08-03
Last Updated 2006-06-28

Tablet Markings

Vert Datum CVD28 Updated: 1976-03-01
Elevation 1117.157 m
Vert Class INTEGRATED , NON-SIMUL TRIG

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

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

Marker Condition GOOD 88-09-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5659052.935 m
Easting 2642.066 m
Convergence 0 01 45.56 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
245258 658+4.313	112.733	1	194/3	0.999726		47 51 42.98	15.7	0.00
238204 658+4.312	118.089	1	195/3	0.999731		325 43 36.06	16.6	0.00
187294 658+4.317	171.650	1	120/3	0.999733		297 17 14.87	10.1	0.00
114454 658+4.314	206.043	1	115/3	0.999728		44 27 57.59	9.0	0.00
153916 658+4.71	276.121	1	72/2	0.999732		175 23 16.27	6.2	0.00
68791 658+4.311	291.348	1	85/3	0.999730		343 02 23.69	7.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl, XI(+N) 2.7 s 2 s
Prime Vert Defl, ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

HIGH POINT.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1988-11-17

Originating Project 76030 76030
Published 76-03-01 76-03-01

LOCATED ON TOP OF THE CANADIAN WESTERN NATURAL GAS COMPANY'S RADIO
TRANSMITTING/RECEIVING TOWER ON THE NORTH SIDE OF THE TRANS CANADA HIGHWAY;
APPROX. 800' WEST OF THE INTERSECTION OF THE TRANS CANADA HIGHWAY AND 52 STREET
NORTH EAST

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY (HIGH POINTS).

NON COORDINATE REVISIONS

1976-12-01 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-06-08 TABLET MARKINGS CHANGED FROM
CAN.W.N.G.RAD.T.

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION.

1988-09-23 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 127

HISTORY 56583 4 127