

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 08.50595 dms  
Longitude 114 02 51.87449 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 69393

Date Printed 2025-08-03  
Last Updated 2017-03-21

Tablet Markings

Vert Datum CVD28 Updated: 1983-09-14  
Elevation 1094.667 m  
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name CALGARY G  
Mapsheet Number 5649 - 000

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

Marker Condition GOOD 90-11-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5651784.426 m  
Easting -3350.936 m  
Convergence -0 02 13.58 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
90035 649-0.148	181.335	1	82/2	0.999730	78 24 27.40	5.5	0.00
252833 649-0.150	214.894	1	69/2	0.999732	115 59 23.72	4.8	0.00
196204 649-0.155	261.525	1	53/2	0.999736	184 16 27.71	4.6	0.00
6650 649-0.149	315.447	1	47/2	0.999734	80 53 33.60	3.5	0.00
96511 2117.22	338.724	1	47/2	0.999736	254 02 32.98	4.0	0.00
198739 649-0.146	339.042	1	44/2	0.999733	4 00 42.66	3.7	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-06-02

Meridian Defl,XI(+N) 3.1 s 2 s  
Prime Vert Defl,ETA(+E) 5.5 s 2 s  
Geoid\_Ellip Separation -16.18 m 1 m

HIGH POINT

COORDINATE HISTORY

MARKER LOCATION

Updated: 1976-06-02

Originating Project 76040 76040  
Published 83-09-14 83-09-14

CANADIAN WESTERN NATURAL GAS RADIO TOWER, N.E. CORNER OF  
BLACKFOOT TRAIL AND 58TH AVE. SE.  
POINT OBSERVED: TOP OF RADIO TOWER, WHERE ANTENNA ENTERS.  
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY  
(HIGH POINTS). 85/08/22

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

NON COORDINATE REVISIONS

1976-06-02 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND  
"MAPSHEET NO" CHANGED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1993-06-08 TABLET MARKINGS CHANGED FROM  
CAN.W.NAT.GAS.TR

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-11-15 1991-07-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 0 161

HISTORY 56494 0 161