

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 31.90878 dms
Longitude 114 10 10.37980 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 63-05

ASCM 12252

Tablet Markings 636004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1205.457 m
Vert Class INTEGRATED , SPIRIT LEVELS

Date Printed 2025-08-03
Last Updated 2016-04-08

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

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

Marker Condition GOOD 15-10-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658082.039 m
Easting -11885.754 m
Convergence -0 07 54.75 dms
Station Ellipsoid Factor 0.999814
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
245159 655-8.275	376.891	1 34/2	0.999716	187 57 39.47	2.9	0.01
172684 655-12.106	377.318	1 34/2	0.999716	238 24 44.35	2.7	0.01
122069 655-8.228	387.745	1 26/1	0.999718	95 58 22.13	2.1	0.00
35048 655-8.274	495.240	1 30/2	0.999716	191 12 04.56	2.4	0.01
162503 658-8.249	496.509	1 28/2	0.999716	340 05 13.42	2.4	-0.01
131318 655-8.256	511.087	1 21/1	0.999718	160 12 24.75	1.9	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2016-03-21

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

GSC BRASS TABLET SET IN A CONCRETE MONUMENT

1.50 M BGL, MANHOLE & COVER, LANDSCPED

COORDINATE HISTORY HORZ VERT

Originating Project 76075 76075
Published 85-02-19 85-02-19

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

MARKER LOCATION

Updated: 2016-03-21

IN SEWER TYPE MANHOLE WHICH SITS ON THE EAST SIDE OF THE CFCN TV STATION
BUILDING; 33.80 M EAST OF THE EAST FACE OF CFCN TV BUILDING; 7.50 M NORTH OF
C/L OF AN E-W ROW OF BUSHES; 18.30 M SSE OF LT.S.

NON COORDINATE REVISIONS

1976-01-01 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	2015-10-26	2016-03-21
MARKER REPORTED IN GOOD CONDITION	1994-05-18	1995-02-03
MARKER REPORTED IN GOOD CONDITION	1994-03-03	1994-03-22
MARKER REPORTED IN GOOD CONDITION	1993-01-18	1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 2 NGBD # 636004
NGBD NAME TEEVEE
HISTORY 56554 8 2

VERT

00-06-15 1.851 m REVISED ELEVATION-BETTER INTEGRATION