

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 56.20721 dms
Longitude 114 00 57.91564 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 43844

Tablet Markings DOT702335

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY H
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1981-07-01
Elevation 1083.198 m
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 94-11-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5666235.230 m
Easting -1125.991 m
Convergence -0 00 45.09 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

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)
244673 DOT702353	305.247	1	39/2	0.999734	77 02 25.27	2.3	0.00
581942 702405	380.409	1	95/3	0.999732	254 30 17.77	5.1	0.00
270207 664+00.56	478.959	1	27/1	0.999734	23 58 59.01	2.3	0.00
206656 DOT702308	491.486	1	26/1	0.999733	258 04 50.27	2.2	0.00
16584 DOT702401	548.455	1	24/1	0.999733	298 48 31.84	1.7	0.00
156646 DOT702113	567.420	1	23/1	0.999733	86 26 36.33	1.7	0.00

GEOID DATA (GSD95) Updated: 98-11-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1996-03-01

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER
MANHOLE & COVER, 0.6M NE OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1996-03-01

Originating Project 80042 80042
Published 81-07-01 81-07-01

COPIED FROM TRANSPORT CANADA;

AT CALGARY INTERNATIONAL AIRPORT; IN SW 1/4 13-25-1-5; 193 M. W OF N-S 1/4
LINE; 25 M. S OF E-W 1/4 LINE; 11.6 M. FROM EDGE OF TAXI 'E3'; 15.3 M. N OF CB.

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

NON COORDINATE REVISIONS

1970-11-02 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.

1994-11-04 1995-01-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 70

HISTORY DOT 702335 56644 0 70