

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 50 11.62499 dms
Longitude 113 57 07.26603 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 50211

Tablet Markings 76A032

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY D
Mapsheet Number 5631 + 004

Vert Datum CVD28 Updated: 1983-04-30
Elevation 1029.608 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-06-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5633341.544 m
Easting 3379.682 m
Convergence 0 02 13.93 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
75846 631+4.3	296.336	1 71/2	0.999741	183 41 03.28	6.0	0.00
68957 631+8.2	1189.903	1 35/2	0.999742	102 40 12.08	3.0	0.00
226100 631+8.1	1613.532	1 29/2	0.999742	93 39 04.71	2.5	0.00
102244 634+4.1	2237.284	1 23/2	0.999741	359 26 18.45	2.0	0.02
298489 634+8.1	2716.125	1 21/1	0.999742	38 11 16.80	1.8	0.02
98723 634+8.5	3467.036	1 17/1	0.999742	72 10 49.81	1.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-12-06

Meridian Defl,XI(+N) 4.6 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

DEEP BENCH-MARK IN MANHOLE

LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-21

Originating Project 77005 77005
Published 83-04-30 83-04-30

IN SURVEY TYPE MANHOLE ON E/S OF 52 ST AND N OF THE DUNBOW RD (242 AVE) SE;
IN FROM OF ACREAGE; 3.2 M W OF E P/L FL (WOODEN) FOR ACREAGE; 4.6 M S OF N
P/L FL PROD. W; 263 M N OF FL ON N/S OF DUNBOW RD PROD. W.
0.3 M S OF GP AND 0.3 M N OF GP.

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

NOTE: BENCHMARK MONUMENT - NOT DESIGNED FOR HORIZONTAL STABILITY.
HORIZONTAL POSITION APPROX. 2 CM.

NON COORDINATE REVISIONS

1977-04-20 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1992-12-16 NGDB NUMBER AND
NGDB NAME ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED AS CAP MISSING
MARKER REPORTED IN GOOD CONDITION

1999-06-29 2001-08-21
1999-03-03 1999-03-25
1990-06-20 1990-07-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56313 4 400 NGBD # 76A032
NGBD NAME 76A032
HISTORY 56313 4 400