

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 44.86418 dms
Longitude 114 12 38.82858 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05

ASCM 34819

Tablet Markings 150240

Date Printed 2025-08-03
Last Updated 2019-11-14

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2019-11-14
Elevation 1079.649 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662197.767 m
Easting -14764.694 m
Convergence -0 09 50.52 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999736

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)
184325 661-12.75	202.161	1	54/2	0.999734	186 38 17.07	3.4	0.01
15719 661-12.76	216.660	1	74/2	0.999739	288 07 15.65	5.8	0.00
192989 661-12.74	271.035	1	48/2	0.999735	132 25 55.35	4.0	0.01
228312 661-12.86	327.071	1	37/2	0.999737	232 38 32.18	3.2	0.01
279547 B46	329.277	1	49/2	0.999735	86 57 29.70	2.6	0.00
44412 661-12.87	353.010	1	34/2	0.999736	208 52 08.08	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-03

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

TSC CAP IN REINFORCED CONCRETE CYLINDER
20.0 CM BGL., MH. & COVER.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-03

Originating Project 63004 63004
Published 70-01-18 70-01-18

ON SE COR. OF 85 ST. AND 48 AVE. NW; 4.5 M E OF B.O.W. PROD. N;
1.6 M S OF B.O.W. PROD. WW; 1.7 M SE OF B.O.W. ON CURVE;
5.2 M SE OF FH. .

Revising Project NAD83 38004
Published 94-05-24 19-11-14
Revising Project 98016
Published 00-06-15
Revising Project
Published

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN MAY, 1973.

NON COORDINATE REVISIONS

1985-12-04 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	1993-09-28	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1993-09-22	1994-02-03
MARKER REPORTED IN GOOD CONDITION.	1988-10-12	1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 2 NGBD # 636052

19-11-14	0.038 m	REVISED ELEVATION-MOVEMENT SUSPECTED
00-06-15	0.008 m	REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 2