

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 11.28560 dms
Longitude 114 10 44.30514 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 66-03

ASCM 32524

Tablet Markings B39

Date Printed 2025-08-03
Last Updated 2008-01-31

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1066.924 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-07-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2008-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5661154.302 m
Easting -12538.910 m
Convergence -0 08 21.33 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
287276 658-12.56	284.149	1	32/1 0.999737	254 19 53.55	2.7	0.00
216341 658-12.54	309.199	1	32/1 0.999737	125 58 47.28	2.6	0.01
55673 B38	328.965	1	27/1 0.999739	128 38 10.19	2.3	0.01
165647 661-12.39	330.478	1	24/1 0.999737	302 28 25.96	2.1	-0.01
119545 658-12.59	361.640	1	25/1 0.999736	160 00 30.11	2.2	0.01
136622 658-12.55	403.042	1	25/1 0.999738	274 36 53.89	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2008-01-31

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL, 0.2 M S OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-02-02

Originating Project 70107 70107
Published 70-12-23 70-12-23

LOCATED ON THE NORTH EAST CORNER OF BOW CRESCENT AND 63 STREET NORTH WEST;
90.0 CM SOUTH OF NORTH PROPERTY LINE OF BACK OF WALK CRESCENT; 2.1 M WEST OF
EAST PROPERTY LINE OF 63 STREET.

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

NON COORDINATE REVISIONS

1970-12-23 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	2007-07-23	2008-01-31
MARKER REPORTED IN GOOD CONDITION	1998-07-10	2001-08-24
MARKER REPORTED IN GOOD CONDITION	1989-03-20	1990-05-02
MARKER REPORTED IN GOOD CONDITION.	1989-01-12	1989-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 12 27

00-06-15 0.008 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 12 27