

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 31.81047 dms
Longitude 114 11 15.88544 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 80-07
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 539
Tablet Markings 655-12.77
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1230.912 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 00-02-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-24

Scale Factor 0.999900 At Ref Mer 114

Northing 5658082.095 m
Easting -13161.334 m
Convergence -0 08 45.70 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999712

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
39719 655-12.76	179.298	1	67/2 0.999712	135 33 14.39	5.8	0.00
2188 655-12.66	211.350	1	66/2 0.999714	120 19 14.22	5.6	0.00
241158 658-12.89	239.096	1	59/2 0.999713	49 29 53.92	4.8	-0.01
219790 655-12.65	249.255	1	64/2 0.999712	128 27 30.72	5.1	0.01
18556 655-12.59	289.953	1	48/2 0.999714	95 03 48.69	4.1	0.00
260174 655-12.46	290.528	1	45/2 0.999714	168 13 41.41	3.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2003-01-22

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

ASC CAP SET IN CONCRETE CURB

LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 2003-01-22

Originating Project 80046 80046
Published 81-10-01 81-10-01
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

BRASS TABLET SET IN CONCRETE CURB ON W SIDE OF 69 STREET AND IN FRONT OF
HOUSING COMPLEX AT 6841 COULEE RIDGE VILLAS SW;
42.6M N OF STEEL FENCE LINE ON N SIDE OF ENTRANCE INTO VILLAS PRODUCE E;
17.0M SE OF 2ND POWER POLE N OF ENTRANCE INTO VILLAS;
2.3M E OF A N-S POWER LINE;
7.4M SE OF LIGHT STANDARD;
0.07M W OF F.O.C..

NON COORDINATE REVISIONS

1981-10-21 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
MARKER REPORTED IN GOOD CONDITION

2000-02-17 2003-01-22
1995-02-06 1995-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 77

00-06-15

0.006 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 77