

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 15.55406 dms
Longitude 114 05 27.21899 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2006-06-23

ASCM 62539
Tablet Markings 646-4.37
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1081.820 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5646443.218 m
Easting -6386.183 m
Convergence -0 04 14.13 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
199836 646-4.311	156.518	1	83/2 0.999733	152 32 17.52	6.3	0.00
1354 646-4.44	189.747	1	47/2 0.999737	347 17 40.13	4.0	0.00
137828 646-4.43	204.740	1	73/2 0.999737	19 25 49.08	5.9	0.00
106682 646-4.310	221.551	1	54/2 0.999732	125 47 57.69	4.4	0.00
50096 646-4.45	227.570	1	62/2 0.999737	354 59 22.53	4.2	0.00
21089 646-4.34	244.917	1	45/2 0.999736	271 54 43.73	3.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-04-21

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2006-06-23

Originating Project 70104 70104
Published 71-04-21 71-04-21

LAND OF E/S OF SHOUTHAMPTON DR AND S OF JACKVILLE DR; 0 M S OF S.PL OF E-W LANE
; 1.5 M E OF FOC E/S OF SOUTHAMPTON DR; NW CORNER OF HOUSE #232 ON SOUTHAMPTON
DR; 11.2 M SW OF WOODEN POWER POLE IN LANE.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN FEBRUARY 1978.

NON COORDINATE REVISIONS

1971-04-21 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

2005-05-17 2006-06-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 37

01-02-07

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.37 56464 4 37