

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 06 12.53934 dms  
Longitude   114 12 32.97799 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    75-03  
  
Date Printed        2025-08-03  
Last Updated        2020-01-08

ASCM            62182  
  
Tablet Markings    661-12.189  
  
Mapsheet Name      CALGARY G  
Mapsheet Number    5661 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1115.708 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            19-06-07

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor    0.999900    At Ref Mer 114

Northing    5663052.596 m  
Easting     -14648.428 m  
Convergence   -0 09 46.03 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor   0.999730

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)
39453 661-12.190	138.910	1	94/2	0.999725	72 09 01.25	7.3	0.00
145367 661-12.188	151.043	1	66/2	0.999729	111 19 44.80	3.4	0.00
35196 661-12.187	325.833	1	34/2	0.999730	91 15 01.84	2.4	0.00
108985 661-12.186	333.161	1	36/2	0.999728	72 03 03.20	2.8	0.00
219154 76A005	352.276	1	37/2	0.999733	186 20 55.35	3.0	0.01
245027 661-12.183	353.435	1	34/2	0.999728	31 36 57.14	2.7	-0.01

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

Component                    Magnitude    Std Dev

Meridian Defl,XI(+N)        2.5    s        2    s  
Prime Vert Defl,ETA(+E)    7.0    s        2    s  
Geoid\_Ellip Separation -15.97 m        1    m

MARKER TYPE

Updated: 2020-01-08

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BGL,1 GP.

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COORDINATE HISTORY                    HORZ                    VERT

Originating Project            75111            75111  
Published            83-05-31    83-05-31

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

MARKER LOCATION

Updated: 2020-01-08

IN FIELD ON THE SW COR OF THE SW LEG OF SILVER VALLEY BLVD. NW;  
4.7 M S OF F.O.C. PROD. W; IN LINE WITH F.O.C. PROD. S;  
5.0 M SW OF F.O.C. ON CURVE; 12.2 M W OF LT.S. .

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NON COORDINATE REVISIONS

1976-01-30    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	2019-06-07	2020-01-08
MARKER REPORTED IN GOOD CONDITION	1993-10-21	1994-02-04
MARKER REPORTED IN GOOD CONDITION.	1988-10-28	1989-05-16

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 189

VERT

00-06-15

0.035 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 189