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DM ID: [31027](#) Survey Type: [Survey Of Islands](#) State: [Michigan](#)

Survey Plat Details

Plat Image

Related Documents

Survey Office:	Detroit, Michigan
Surv. Type Other:	---
Fractional:	Yes (Part Of North And South Manitou Islands.)
Acreage:	2635.92
Mining District:	---
Group Nr:	---
Min. Surv. Index:	---
Survey Nr:	---
Counties:	Leelanau
Field Notes:	MI Volume RJJ38

Land Descriptions

Map	State-Meridian	Twp - Rng	Boundaries
<input type="checkbox"/>	MI - Michigan - Toledo Strip	031.0N - 015.0W	Subdivisional

Survey Activities

Activity Type	Date	Description
Survey Commenced	8/21/1847	Orange Risdon (Deputy Surveyor)
Contracts Instr. (MI)	4/29/1847	---

Plat Information:

DM ID:	31025
Duplicate Status:	Duplicate
Supplemental:	No
Survey Based Supplemental:	No

Plat Activities

Activity Type	Date	Description
Survey Approved	3/16/1848	Lucius Lyon (Surveyor General)



The mapping feature will be temporarily unavailable from Dec 20 2010 to Dec 27 2010 for system maintenance.

Land description mapping powered by GeoCommunicator. Please see the [data disclaimer](#).

chs. cks.

Township Lines
South Boundary.

- | | |
|-------|--|
| East | On S. Boundary of sec. 34 |
| 2.91 | a Sugar 10 in. dia. |
| 18.36 | a Y. Birch 18 in. dia. |
| 30.00 | Land partially cleared on 34. |
| 40.00 | Set gr. sec. post, from which
an Aspen 8 in. dia. bears S. 60 E. 138 cks. dist. &
a Sugar 10 " " " N. 50 W. 272 " " |
| 47.61 | Intersect shore of Lake Michigan at
Burton's Harbor. Set post. No bearings.
Burton's Pier 1 ch. south of the line.
Grocery Wagon on Sec. 3. Town 30 North.
His house blacksmith's Shop, and other
buildings on Sec. 34. T. 31 N. R. 15 W.
Soil apparently rather barren, all cut
over - some snagged timber left. Railroad
track laid S. westerly through Sec. 3 to near
the centre of Sec. 4, with branches, for haul-
ing Steam-boat wood. Said in all to be
between 3 & 4 miles. |
| West | On S. Boundary of sec. 33. |
| 6.04 | a Hemlock 28 in. dia. Land little
ascending West. |
| 40.00 | Set gr. sec. post, from which
a Beech 14 in. dia. bears S. 53 E. 36 cks. dist. &
a do 10 " " " S. 32 W. 12 " " |
| | Leave chopping and land ascending
more steep. |
| 47.52 | a Y. Birch 24 in. dia. |
| 50.00 | Descend to a valley, from South. |
| 72.59 | a Sugar 12 in. dia. |
| 75.00 | Foot of steep ridge, course N. 45. bearing off
N. W. & West. |
| 75.70 | a Hemlock 30 in. dia. |

chs. kts.	
77.00	Top of Hemlock & Cedar ridge.
80.00	Descend into a valley, from N. E. Set post, corner to Secs. 32 & 33, T. 31 N. & Secs. 48 & 49, R. 15 W. from which a Sugar 10 in. dia. bears N. 47 W. 21 kts. dist. & a Hardhack 12 " " " S. 33 E. 15 " "
	Land something rolling, good 2 ^d rate, sand & gravel. E. 1/2 timber stripped off. W. 1/2 well wooded - Beech, Sugar, Birch, and a few Hemlocks & Cedar.
West	On S. Boundary of Sec. 32.
3.00	To foot of sliding sand ridge, course N. E. & S. W. blown over from towards the Lake.
6.00	To top of first rise, very steep.
11.00	To top of 2 ^d rise - bald sand hill. McComb's observatory station 3 or 4 chs. S. of line - high peak.
33.00	Leave bald hills enter north skirt of Cedar ravine.
33.99	a Balsam 10 in. dia.
40.00	Set gr. sec. post, from which a Cedar 12 in. dia. bears East 36 kts. dist. & a do 16 " " " " S. 8 W. 21 " "
42.00	Leave Cedar thicket and enter open & bare sand & gravel. Loose sand blown off.
53.00	Break of high & precipitate banks.
59.75	Intersect shore of Lake Michigan at foot of bald sand & gravel bluffs. Set post. No bearings. Land bare, barren sand hills with ravines of cedar &c. made by sand drifts from McComb's station there is a fine view of the Harbor, Light House & buildings.

chs. lks.

East Boundary.

- South on E. Boundary of Sec. 12.
- 1.00 Descend into a ravine, descending E.
 - 3.00 Top of south bank.
 - 31.43 a Sugar 34 in. dia.
 - 40.00 Set gr. sec. post, from which
a Beech 8 in. dia. bears S. 78 W. 16 lks. dist. &
a do 9 " " " N. 15 W. 21 " "
 - 42.00 The land drops suddenly & steep to S. W.
 - 44.00 Foot of ridge.
 - 47.46 a Hemlock 12 in. dia.
 - 55.00 To break of shore of Lake.
 - 55.46 Intersect shore of Lake Michigan - banks
not high or steep. Set post, from which
a Hemlock 16 in. dia. bears N. 87 E. 50 lks. dist. &
a Beech 12 " " " N. 21 W. 69 " "
Land, first half mile first rate. Beau-
tifully timbered with Beech, Sugar &
scattering Lyx. Heritage thick & great
growth. The face of the land grad-
ually descending East & West of the
line. Ascends more steep to the
high ridge on Lake shore.

- North Randon on E. Boundary of Sec. 1.
- Land rough & broken. Ranges of ravines
& ridges, course E. W. & points of hills.
- 40.00 Set temporary post.
 - 45.00 Descend a ridge, course E. W. The line
then keeps on a side-hill, descending
N. to a valley of handsome land.
 - 76.00 Descend into a deep ravine, opening
Westerly.
 - 79.00 Foot of hill, course E. W.
 - 79.69 Intersect N. Boundary 58 lks. N. of post.
Land, S. 1/2 broken. Soil good, but timber

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chs. lks.

scrubby. N. 1/2, E. side of line broken,
W. side a fine valley of handsome
land. Timber Beech & Sugar.

South Connected Range Line E. Boundary of Sec. 1.
39.69 Set gr. sec. post. from which
a Beech 16 in. dia. bears S. 82 E. 12 lks. dist. &
a do 8 " " " S. 84 W. 8 " "
79.69 To sec. corner.

North Boundary.

West on S. Boundary of Sec. 36, T. 32 N. R. 15 W.
3.00 a Sugar 8 in. dia.
5.00 a Ravine opens to a fine tract of
generally level land, gradually
descending West - very slight.
26.60 a Cedar 16 in. dia. on top of broken
and sliding bank of Lake.
28.00 Intersect shore of Lake Michigan
at foot of sand sliding banks.
Set post. No bearings.
Land rich, first rate. Timber,
Beech & Sugar - tall & straight.
This flat appears to be a basin, sur-
rounded with hills, and opening
on the high bluff banks of the Lake.
Surveyed in 1847, by
O. Risdon
Depy. Surveyor.

Subdivision

Part of S. Manitowish part of S. Manitowish.
North between Secs. 33 & 34.
18.00 Enter fields of 15 or 20 acres, improved
and stocked to grass.
29.00 Leave fields.

Chs. Mts.

- 40.00 Set gr. sec. post. from which
 a Beech 12 in. dia. bears S. 61 E. 56 Chs. dist. &
 a Sugar 14 " " " North 78 " "
- 51.49 a Sugar 24 in. dia. bears Chopinop
- 59.38 a Sugar 24 in. dia.
- 80.00 Set post. corner to Secs. 27, 28, 33 & 34, from which
 a Beech 12 in. dia. bears S. 70 E. 26 Chs. dist. &
 a Do 10 " " " N. 27 W. 12 " "
- Land slightly uneven. Soil compact
 sand & gravel, with some loam - 2^d rate.
 South part timber mostly cut & taken
 off. North part well timbered with
 Beech, Sugar, Birch, Some Spruce & Hemlock.

East

between Secs. 27 & 34.

- 16.00 Ascend ridge, course S. E. & N. W.
- 19.00 Top of ridge.
- 25.00 Foot of ridge.
- 34.37 a Sugar 18 in. dia.
- 39.12 a Beech 16 in. dia.
- 40.00 Set gr. sec. post. from which
 a Sugar 14 in. dia. bears N. 36 E. 38 Chs. dist. &
 a Do 8 " " " S. 48 W. 11 " "
- 41.27 a Sugar 12 in. dia.
- 50.00 Descend to hollow, course N. E. & S. W.
- 56.00 Ascend ridge.
- 64.00 Brow of ravine, course N. W. & S. E.
- 69.00 Foot of same
- 78.00 Ascend near South point of steep hill,
 running North.
- 80.00 Top of hill. Set post. corner to Secs. 26, 27,
 34 & 35, from which
 a Hemlock 14 in. dia. bears N. 20 W. 38 Chs. dist. &
 a Sugar 12 " " " S. 27 E. 16 " "
- Land rolling & somewhat broken into ridges,
 hills & knolls of not very great elevation. Well

	timbered with Sugar, Beech, Hemlock, Spruce, Some Ash & Birch. Good second rate.
South	between Secs. 34 & 35.
2.00	Descend to foot of hill.
15.00	Ascend ridge.
16.68	a Hemlock 16 in. dia. on top of ridge. Course E. & W.
19.00	Bottom of descent.
24.00	Leave Beech & Sugar land, and enter Hemlock land. Timber all cut off. Land burnt over & apparently a perfect barren.
40.00	Set gr. sec. post, from which a Pitch Pine 10 in. dia. bears N. 82 $\frac{1}{2}$ W. 134 $\frac{1}{2}$ dist. 100 a W. Pine 14 " " " N. 40 $\frac{1}{2}$ E. 197 " "
42.75	Intersected shore of Lake Michigan, north side of bay - Set post - No bearings. Land some rolling. North part, good 2 ^d rate. Timber, Beech, Sugar &c - well timbered. South part barren land. Timber taken off & land burned.
East	between Secs. 26 & 35.
2.00	Descend to foot of hill.
6.30	a Sugar 18 in. dia.
14.16	a Sugar 16 in. dia.
25.00	To foot of sand ridge, Course N. & S.
26.50	Top of ridge.
27.00	Break of hill - descending to Lake.
28.50	Intersect shore of Lake Michigan, at foot of sand hill - not high. Set post, from which a W. Birch 6 in. dia. bears N. 50 W. 40 dist. 75

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chs. Ws.

a Balsam 8 in. dia. bears S. 38 E. 110 Ws. dist.
 Land slightly rolling, and generally
 well timbered - Sugar, Beech, Lynn,
 Ash, Birch &c. On the ridge Hemlock &
 Fir. A fine Sugar Orchard on Sec. 35.
 A sand ridge along the Lake coast
 from 15 to 30 feet high, extending
 only a few chs. N. & S. of the line.

North between Secs. 26 & 27.

2.00 Ascending point of hog-back ridge.

8.00 Descending same - towards the Lake.

8.63 a W. Pine 12 in. dia.

9.00 To break of hill. Set post, from which
 a W. Pine 10 in. dia. bears S. 53 N. 21 Ws. dist. 4
 a do 10 " " " N. 84 E. 10 " "

9.60 Intersect shore of Lake Michigan,
 at foot of sand banks. Set post
 to bear upgs.

Land broken - hog. back ridge hills.
 sand & gravel. Timbered Hemlock, Pine,
 Cedar, Fir, Lynn, Sugar, Beech, Ash,
 Birch &c.

North between Secs. 32 & 33.

In a ravine of cedar, Hemlock, Sugar &c.
 east of high sand-blown ridge.

11.78 a Beech 16 in. dia.

20.00 Foot of E. end of ridge, from S. W.

24.00 Over ridge on N. side.

30.64 a Lynn 24 in. dia. on point of E. ridge
 branching from main hill.

33.00 Foot of same.

38.00 Top of E. ridge.

40.00 Foot of same. Set gr. sec. post. from which
 a Beech 8 in. dia. bears N. 46 E. 22 Ws. dist. 7

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chs. 0.00	a Beech 9 in. dia. bears S. 34 N. 24 W. dist.
43.00	Foot of ridge from S. W. and the line keeps on the points of ridges and near the brow of the main sand bank on the W.
65.00	Enter East edge of bare sand drifts.
68.00	Enter edge of timber from East.
68.62	a Balsam 9 in. dia.
70.00	Leave timber & enter bare sand hills.
80.00	Set post, corner to Secs. 28, 29, 32 & 33, from which a W. Birch 10 in. dia. bears S. 40 $\frac{1}{2}$ E. 472 W. dist. 4 a Fir 12 " " " N. 56 E. 664 " "
	On top of Sugar-loaf Cliff. Land, S. 1/4 of Sec. 33 rich 2 ^d rate land, well timbered, Sec. 32 bald hills.
East	Random between Secs. 28 & 33.
13.00	Leave bare sand drifts & enter timber, South edge of sand bluffs.
16.00	Bottom of a ravine.
18.00	Ascend to cedar ridge.
28.00	Enter S. E. point of bald sand blow.
34.00	Foot of bare sand drifts.
40.00	Set temporary post.
64.00	Foot of hills & leave broken Land.
80.26	Intersect S. 1/4 ^{N. 1/4} line 10 W. of post. Land, N. 64 chs. high bald sand hills, Cedar ravines &c. Last 16 chs. level rich land, well timbered with Beech, Sugar &c. Tall & thin.
West	Connected between Secs. 28 & 33.
40.13	Set on sec. post, from which a Hardhack 6 in. dia. bears S. 53 E. 10 W. dist. 4 a Beech 6 " " " N. 53 W. 10 " "
80.26	To Sec. corner.

- 1.93 a Beech 14 in. dia.
 9.00 Foot of steep hill, course S. E. & N. W.
 13.00 Top of hill.
 15.00 Foot of hill, on N. side, and enter a
 Hemlock timbered valley - gradually
 descending North.
 31.06 To brow of Lake Hill. Set post, from which
 a Hemlock 12 in. dia bears South 28 W. dist. 7
 a S. Birch 12 " " " N. 68 W. 25 " "
 31.90 Intersect Shore of Lake Michigan at
 foot of sliding banks. Set post.
 no bearings.

Land, South of ridge, good 2^d rate.
 Timber Beech, Sugar, Lyncate.
 North of ridge, a generally smooth
 surface basin or valley. Timber prin-
 cipally Hemlock. The singularity and
 beauty of the East & South side of this ridge
 is its regularity & smoothness, formed by
 drifts of sand, sliding down - blown from
 the N. W. It contains no curves, but
 the angles are as regular as the ^{angles} angles
 of a fort.

- North between Secs. 28 & 29.
 16.00 To break of hill - quite gradual.
 21.00 Intersect Shore of Lake Michigan, at the
 foot of washed sand & gravel side - hill.
 Set post, from which
 a Cedar 10 in. dia. bears S. 34 E. 42 W. dist. 7
 a Do 8 " " " S. 45 W. 100 " "
 Sand black & barren sand, gravel & clay,
 hill, with no trees, shrubs or herbage,
 except a few Cedars & Fir trees, occasionally,
 at the foot of the hills, and in the ravines,

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chs. lks.	or on a cliff of sand, where roots have retained the earth.
West	between Secs. 29 + 32. Land a smooth surface, with a gradual & not steep descent to the west. No soil or vegetation. Sand, and irregular shaped small stones, as if broken by the fire or frost.
30.00	To brow of the hill - steep and smoothly sliding to the Lake.
32.32	Intersect shore of Lake Michigan at foot of sliding bank. Set post. No bearings. This hill, with its bald & virgin earth, is like a miniature world in its infancy - when first farmed or cooled off - before vegetation covered its surface, on trees sprang from its bosom.
West	between Secs. 1 + 12.
9.19	a Beech 14 in. dia.
29.75	To brow of hill on Lake. Set post. from which a Sugar 14 in. dia. bears S. 35 E. 38 lks. dist. 7 a Do 14 " " " N. 53 E. 53 " "
31.50	Intersect shore of Lake Michigan at foot of sliding clay and sand bank. Set post. No bearings. Land, apparently of the richest description. Soil black sand & gravel, with clay & loam. Timber chiefly Sugar, with Lymet Beech - Young, tall & thrifty. The face of the land gradually descending North & East. A rich growth of herbage. July 16, 1847.

INDEX MAP

T. 31 N R. 15 W.

Mer. Michigan

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Meanders of Lake Michigan, in
Sec. 1, T. 31 N. R. 15 W. from post on
North line.

Courses	chs. Mts.	Remarks.
S 11/4 E	12.00	Banks reduced from 30 to 40 feet high.
S 23/4 E	8.00	No banks, of any height.
S 9 1/2 W	16.00	Small marsh in rear of a light sand ridge.
S 23/4 W	18.00	Clay & Sand - high point.
S 1 1/2 W	8.00	Clay sand slides.
S 4 E	14.00	
S 9 1/2 E	6.12	Post on line between Secs. 1 & 12; thence
S 9 E	15.00	In Sec. 12. Leave clay banks.
S 23 E	8.00	Cedar side-hills.
S 36 1/2 E	10.00	
S 39 E	8.00	
S 4 3/4 E	22.11	To Range line 2 1/2 S. of post.

Meanders of Lake Michigan, in
Sec. 32, from post on Town Line.

Courses	chs. Mts.	Remarks.
N 24 E	23.00	In Sec. 32.
N 16 1/2 E	61.86	To post on line between Secs. 29 & 32; thence
N 17 E	5.00	In Sec. 29.
N 52 1/2 E	12.00	Bald hills diminish in height.
N 45 E	7.00	
N 76 1/2 E	10.53	To post between Secs. 28 & 29; thence
N 57 1/2 E	18.00	In Sec. 28.
N 64 E	19.00	Leave bald hills, which bear off to the East.
N 7 1/4 E	30.00	

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Courses	chs. W.D.	Remarks.
S 76 E	4.00	
S 52 E	4.00	
S 46 E	10.00	
S 42 E	6.66	To post between Secs. 27 & 28; thence
S 75 1/2 E	14.00	In Sec. 27.
S 42 E	13.00	Hills from 20 to 40 feet high.
S 62 3/4 E	9.00	
S 46 E	22.00	
S 48 E	12.00	
S 49 E	13.57	To post between Secs. 26 & 27; thence
N 88 E	9.00	In Sec. 26.
S 77 1/2 E	7.00	
S 59 1/2 E	14.94	To post between Secs. 26 & 35; thence
S 46 1/2 E	6.00	In Sec. 35.
S 37 3/4 E	10.00	Leave timbered land - (Enter) bare sand flats.
S 39 E	39.00	To McComb's station - a long sand reef point puts out here to S. E.
S 82 1/2 W	10.00	
N 82 1/4 W	33.00	
S 84 W	11.00	
S 77 W	10.12	To post between Secs. 34 & 35; thence
S 65 1/4 W	11.00	In Sec. 34.
S 48 1/2 W	10.00	
S 39 1/2 W	9.00	
S 28 W	11.00	
S 19 W	10.58	To post on S. line of Sec. 34 at Buxton's wharf. A splendid and secure Bay and harbor.

Aug. 21. 1847.

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T. 31 N. R. 15 W. Mer. Michigan

I Orange Risdon Deputy Surveyor, do solemnly swear, that in pursuance of a contract with Lucius Lyon Surveyor General of the United States for the States of Ohio, Indiana and Michigan, and in strict conformity to the laws of the United States, and his instructions, - I have regularly surveyed, and subdivided into sections, South Manitow Island of Lake Michigan, in the State of Michigan - and I do further swear, that the preceding are the true and original field notes of the said Survey, executed as aforesaid.

O. Risdon

Deputy Surveyor.

Subscribed & sworn to before me
this third day of Jan'y, 1848.

H. Bushman,
Notary Public,
Wayne County,
Michigan.

I certify that the foregoing transcript of the field notes of the Survey of Islands in T. 31 N. R. 15 W. Mer. Mich. has been correctly copied from the original notes then on file in this office
Surveyor General's office
St Paul October 15th 1859

A. L. Emerson
District