



Frederick P. Leavenworth Papers.

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Notes
of
Surveys in the Indian Reservation
made during the months
of August ————— 1857
by Frederick P. Barnum
Surveyor



vol. 2

10 Rods from stone to
F

course from F to pole
S 72° 30' E

10 R 44 1/2 from F to pole
at corner

2 R 11 R from pole to Doghouse
angle

Total Distance of the Lines
in the survey in the River & about 1/2
the Upper Sioux M. River
2 R Wires 2/42 Rods (including 1/2 mile in the river)
32 " 280 " E + W Lines
62 " 202 " = 52 5/8 Miles

\$ 90.90 c. amt due from Upper Sioux —

A
L 409
Vol. 2

Frederick P. Lavenworth
Surveyor

Yellow Medicine

August 27th
1869

9030
e-toh-ka-gah = South
Ne-oh-pa-atuk = West
Ne-oh-he-wah-pah-lah East
Kah-zah-ah = North
Tah-ah-tah = the back country
we-ah-pah = fork
Tzah-lah-pah
Wah-sueh-pah = a table
Tah-ah-mah = where the trading is done
chah-ah-Kah-o-Tah-Kah-pah
a chair !!!
Tah-hah-nah-nah-lah = a table
Tah-hah-nah-nah-lah = a table
Tah-hah-nah-nah-lah = a table
Tah-hah-nah-nah-lah = a table
Tah-hah-nah-nah-lah = a table

Thursday

Sept 13th 1859

D O'Connor - Henderson

+ _____ Rebuilding

Trp line.

From N W cor T115 R39

N160 R

North 160 R to Gr Post

N160 R

Thence North 100 R to S Q Post

N160 R

road 160 R to NW cor Sec 31 T116 R39

N160 R

Thence North 160 R to pole station

N160

Thence North 160 R to NW cor Sec 30 T116 R39

~~~~~

N160 R

From S 1/4 post Sec 32 T116 R39 North 70 R

N160 R

to slough - rocky diff. 1 mile 9 3/4 - 2 mi

N320 R

2 1/4 miles to stake

N 80 R

Back

From N W cor Sec 30 T116 R39

East. R160 slough 192 Rods

+ Triangulated Distance 77 Rods

460 R + 1/2 Mile + 30 R 14 1/2 LKS = 460 R

N 1/4 Post

From Center Sec 29 T116 R39

N80 R North 80 R to post. Thence North 45 R

to point where the corner paper

Island 65 R to Minn. River

N80 R

Thence also West 80 R post X

N20 R

Thence West 20 R and

N52 R

Thence North 52 R to river

N43

From East corner post X North 43 R to

Minn River

From X 1/4 Post Sec 29 T116 R39

E80 R

East 80 R to post

E42 R

Thence also 42 R to Minn River

S80 R

Also Thence South 80 R to post where

N30 R

river 30 R to North

S80 R

Thence South 80 R to post

E 70 R Hence East 60 R to post 70 R to  
S 80 R river. From said post South 80  
E 10 R R to line Hence East 10 R to corner  
of 40 in eas side SE 2nd Sec 23.

E 84 R Hence East 80 R to post. 8 R  
to river.

S 80 R Hence South 80 R to slow heap  
on rocky ridge.

E 80 R Hence East 80 R to post near  
E 8 Enoch's house 83 R to slough.

Bellevue Twp line on South of Tp  
116 R 39 East from S 1st Post of

E 80 R Sec 33 to 80 R to post. Hence

E 50 R East 50 R Minn River

Tuesday

Homes, D. O'Connor Esq Joseph Gie &  
Ford

From S 1/4 Post Sec 33 T 116 R 39 North

N 80 R 78 R road 80 R to post

E 80 R Hence East 60 R slough. Lake 80 R  
post.

E 80 R Hence East 80 R to post. Hence East

E 68 R 66 R to slow heap. Hence 68 R to river  
at rapids.

N 100 R Also North 80 R to post <sup>and from</sup> Hence 100 R to  
Minn River.

Also South <sup>40 to post</sup> 43 R Min River & rapids

From S 1/4 Post Sec 33 T 116 R 39  
South (by Triang<sup>n</sup> 21<sup>R</sup> 22 links)

S 80 R 80 R to post.

S 80 Hence South 70 R to cliff 80 R post in  
slough.

S 80 R Hence 80 R to post nearly at foot of bluff

Hence 22 R road 46 R to top of  
bluff. Hence 80 R to S 1/4 post

- Sec 4 T115 R39 -

S80R

Thence South 32 R <sup>Corner</sup> Cornin

~~Dog's road~~ 80R post.

Thence South 72 R to Ykton

S80R

x post road 80 R to post Center Sec 9

S30R

Thence South 30 R <sup>80 R post</sup> Creek

280R

Also Thence East 54 R road

to Dog's village ~~xxx~~ <sup>xxxx</sup> ~~xxxx~~

880R

village 80 R to post.

Thence <sup>East</sup> 48 R to Dog's Village

E80R

63 R ravine bluff <sup>E 1/4 post Sec 9</sup> 80R post

S80R

Thence South 80R post

E80R

Thence East 82 R to post on

edge of bluff. 80R to post.

Thence South 1/4 Post Sec 4. T115 R39

E80R

East 22 R to bluff - 80R to post

E80R

Thence East 80 R to post

Thence East 22 R to pt of

E80R

Triang<sup>n</sup> which is <sup>1/4 mile</sup> 1/4 mile &

526 ft long. Thence 6 links

880R

+ 38 rods to 80 corner

E80R Thence East 56 R to top of tall

80R to post in slough

E80R

Thence East 80 R to post on rocky

plain SE Cor Sec 3 T115 R39

E80R

Thence East 80 R to post

Thence East 70 R to pt. 74 R to

E80R

Ykton Exp<sup>n</sup> road. 80 R to post

S36R

Thence South 34 R steep bluff 36 R

to Lake

Thence East 80 R to post passing

E80R

head of lake at 24 R

E80R

Thence East 80 R <sup>N.E. Cor Sec 11 T115 R39</sup> post

E50R

Thence East 48 R bluff 50 R

Mission - River. House at

20 R back to right to road -

Thence Also South 40 R to

S88R

opposite house 80 R to post in bottom

Thence South 80 R to Mr. Rinn

Saturday - Same force

From post below center + 80 R to

Sec 22 post R to

240  
58  
99

(between 1/4th & 1/2nd Corps posts)  
From 40th to post next to 11th & 15th Regts  
From 40th to corner next

S 80 R West of Minnesota  
River South 80 R to post on  
Doctor & Pauls roads.

S 50 R Thence South 28 R to cornfield  
34 R to woods 50 R to river

N 80 R Thence also West 30 R to post

S 54 R Thence ~~also~~ South 24 R to post  
• opposite village 34 R to field  
54 R to Minnesota river

Immediately after  
this I was sum-  
moned down to  
the Tower Agency

From N Dr Cor Post South 30 R  
house 5 ft Right. Roberts Stone 25 R

S 160 R Off at 22 R Road 46 R to Post 34  
Post at 180 R

Thence at 16 R. Thence 36 R East

$\frac{1}{4}$  Post of Sec 7 at 80 R —

S 160 R Thence South 160 R to S W Cor  
Post Sec 8 T 112 R 34

Apr 26<sup>th</sup>/89 Monday From S W Cor Sec 8 T 112  
R 34, East 76 R to creek 80 R to post

E 120 R Thence East 240 R to S E Cor Sec 8

Sec 8  
T 112 R 34 (Thence East 50 R Road 79 slough)  
80 R to post <sup>counted below</sup>  
North

Thence 77 R to road 160 R to Dr Post at road

Sec  
8 79  
T 112 R 34  
N 160 R Thence East 15 R - basin bluff 52 R to bluff  
of ravine (48 R off) 66 R to spur 75 R

E 80 R to ravine 80 R to post in ravine

E 160 R From SE Cor Sec 8 T 112 R 34 North  
36 R to road 80 R to stake. Thence <sup>East</sup> N 80 R to <sup>South</sup> East

Dr Post Sec 8 (May 1st 1890 East)

N 80 R Thence North 36 R - road 80 R ravine  
80 R to stake on side bluff

3 1/2 MI

N 80 R { From stake between SW cor 4 & 5 Sec 9  
 North 22 R to slough 80 R to stake  
 Sec 9 From S cor Sec 9 T 112 R 34 E 80 R to  
 E 80 R At 47 R <sup>from 1st house</sup> Head of Run 4 Horse 15 R  
 to Left 64 R field 79 R fence 80 R post  
 Wakonahush valley 100 ft left

E 80 R Thence <sup>East</sup> 34 R to bluff — 80 R to SE cor  
 post. west at 48 R house 400 ft Right

N 80 R From last post but one <sup>North</sup> 1 1/2 R to fence  
 field 32 R to fence 46 R to bluff + post

Sec 17 From S E cor Sec 8 South 80 R to post

S 160 R Thence <sup>South East</sup> 80 R to S cor Sec 17 Var 10° 35'

From said post East 80 R to stake

E 80 R Thence 54 R E to road 70 R to fence

E 160 R of land field <sup>80 R to post</sup> Thence 80 R East to post S 80 R  
 in field

Monday From S 1/4 Sec 9 South

S 80 R to post. Thence S East 25° 27 1/2 R to

E 80 R cor of field the East 80 R to post

2 3/4 m

N 80

S 160 R

N 80 R

N 80 R

E 160

E 160 R

2 1/2 m

From E cor Post Sec 16 T 112 R 34 North  
 860 R to fence R Road R fence Post  
 at 75 R (Wamade-shush house 6 R to Right  
 Var 11° 12') to fence 80 R post

From E cor Post Sec 16 —

South 16 R to line of fence in mouth  
 of lane 24 R to fence of lane 80 R to  
 post 94 R to fence

Thence 80 R to cor Sec 16.

From S E cor Sec 16 Thence 12 R to

trail 59 R to main road 72 R to creek

80 R to post <sup>Thence West 80 R</sup> passing creek at 10 R 720 R

Var 11° 22'

From last stake out One South

(11° 24') 80 R to stake

From S E cor Sec 16 East 80 R to post

Thence (Var 10° 47') East 52 R to ruins 80 R

to S cor Post Sec 15 T 112 R 34

Thence 80 R E to post <sup>Thence</sup> 7 R to road

again 24 R bluff + post at 48 R 80 R to

SE cor post at foot of bluff edge of slough

From S Dr Post Sec 15 T112 R34  
North (Var 10°45') 64R to pt where

N 80°R Horse in 36R to left 80R to post

Thence North 7R to road 12R to road

38R to bluff + post 80R to post  
N 80°R Thence in 3 rods left Also road 31 rods to

W 80°R field 80R to post

From S Dr Post Sec 16 East 41R to

E 80°R road 45R to pt where Nakouha's bluff

is 14R long to Also by body 100ft left  
80R to post in new road

E 80°R Thence 36R East to bluff 80R to post

S 18°R Also 18R South to village

From post 1/2 way between S Dr 42 Cor

Sec 16 T112 R34 East 3R to fence at 4 rods

E 80°R From Nakouha's house 4ft left 40R to mound  
field 60R to fence 64R to bluff + 80R to post

1 1/2 + 15

Whitney

From post between S Dr 45 W  
Cor Sec 15 T112 R34 North 28R  
to fence + full 50R to post

From S E Cor Sec 15 T112 R34

East (Var 10°58') 4R to slough RT  
cross 80R to post. Thence 34R E to creek

Thence East 80R to S Dr Post

Sec 14 T112 R34

Thence East 80R to post

Thence East 40R to S E Cor Sec 14

From last named post but one

North 80R to post

From stake between S 1/4 Sec 9 Cor  
Sec 15 T112 R34 North 17R to  
road 20R to bluff + stake 28R to  
bluff + stake 80R to post

From Nakouha's ravine post

North (10°) to 20R to foot of bluff  
bluff 50R to road 94R to Minnesota  
River

2 7/11 + 14R

Friday. O'Connor, Gie & Jim

From SE cor Sect T112R35

met (1025) 88 R to center main

W 80 R road 80 R to stake

W 80 R Thence West 80 R to Gr Post

W 160 R Thence West 160 R to S.W. Corner

Mag. ~~North~~ 9° 45')

From post 80 R met of SE cor of Sec 7 T112R35

North 2 R to road 58 R to fence 72 R

N 80 to fence 74 R to pt & House 2 R

House of Jan-y-ah-800

From SE cor Sect on Top

N 80 Line T112R35 North 8 R to road 54 R

to fence 80 R to post 1 R

N 80 Thence <sup>7 R</sup> 9 R to fence 86 R to bluff 80 R

Gr Post

1 3/4 NT

Saturday - Connor, Jim & Gie

From last post but one

Met 1 road fence 38 R to fence

& hephnas house 8 rods North

80 R to post near Jan-y-ah house

house

Thence Met 8 R to White Dog fence

20 R to House 1 R to right 26 R to

W corner of small House 44 R road 50 R

fence with Medicine Bottle House 10 R to

Right 80 R to stake

4 NT

From SW cor Sec 1 T112R35 in Sough  
Thence 43 R to land 80 R to post

Thence West 28 R to main road

N 160 R to fence 80 R to E. Bon

From SW cor Sec 1 T112R35 North

N 80 R 25 R to land 40 R to road 80 R to post

Thence North 32 R to 33 R fence

N 80 R 4 full of Wannet-1000-ah 80 R to  
W E. Bon Sec 1

From post between S 1/4 & SW cor

Sec 1 T112R35 North (var <sup>11°30'</sup>  
<sup>25 R to road post</sup>)

N 80 R 20 R to road 46 R to road 78 R to post

From post in Tp Sine 80 R

North of W. E. Bon Sec 6 T112R34 East

E 80 R 36 R to fence 38 R to fence 80 R to post

Thence 2 rods to North

1 1/2 MI

Monday - O'Connor Gie & Quinn  
From S E. Bon Sec 2 T112R35

Thence 10 R to fence & road 14 R to

oak 40 R to House 10 R Right  
80 R to post

Thence West 28 R to garden

fence 28 R to fence & 40 R to SW cor

Sec 2 (400). Thence West 24 R to

mine 80 R to post fence 1 R to Right

Thence West 10 R to road

30 R to road & House 50 R to Right

E 2 R to fence & along 50 R to

E. Bon gone Thence W 35 R to fence

10 R to main road 78 R to post

Thence West 80 R to S. W. cor Sec 3

From S. W. cor Sec 2 South

S 80 R 8 R to fence corner 30 R road 44 R road

80 R post

1 3/4 MI

already noted

N 80 R  
N 80 R  
From SW cor Sec 1 T112 R35 North  
80 R to post Thence 80 R to post near  
Mambe Kora's house

Thence <sup>N 80 R</sup> 4 R to fence 20 R to  
spring ravine bluff 40 R to bluff  
80 R 92 R to stake 80 R to stake 110 R  
80 R to stake & mine pen. X13. No

Correction line discovered

From W. Gr. Bon Sec 1 T112 R35  
East 8 R to fence & Mambe Kora's  
house 10 R to fence 30 R to ravine  
80 R to bluff <sup>max - arichacha</sup> 22 R to road in

E 80 R  
bottom of ravine 80 post in ravine

Thence East 4 R to stake fence  
E 80 R 10 R to bluff 80 R to post center Sec 1

200 yd post  
near Mabe's North North  
3 R to fence 6 R to road 14 R to house  
of Nahi-yush-Kunk 56 R to bluff

N 80 R  
80 R to post  
M-95 R

From S. W. Post Sec 6 T112 R34  
East (V 11° 30') 32 R to road & fence  
40 R to fence 64 R to fence 80 R to post in  
J. Campbell's field

Thence North (N 30° 34' R) to  
fence 36 R to bluff of ravine  
& stake. — 80 R to post

Also East 44 R to bluff 78 R to  
head of ravine of creek 80 R to post

3 1/4 mile

Oct 26 - 1859 Robinson Corner  
+ Quinn

From SE cor Sec 15 T112R34  
South 26 R to House on hill  
to Right 34 R to road on ridge 77

SSOR R to creek 80 R to stake  
Thence South 34 R to post with Frazer

SSOR house 5 R to Right 45 R to road 80 R  
to <sup>South</sup> 23 R to creek  
33 R to creek + 43 R to same creek 64  
R to top of spur 53 R to foot of bluff  
SSOR 80 R to post

Thence South 6 R to top of bluff  
7 R to road 24 R to bluff 40 R to creek  
SSOR 52 R to creek 5 R to Right 80 R to SE  
cor Sec 22 T112R34 in edge of bluff

From SE cor Sec 22 T112R34  
(offset 10 R South to prairie) East 32 R  
SSOR ravine 42 R ravine 80 R post

Thence 22 R to top with Za-Zay D  
Tape house 40 R to top 44 R to  
penner + field

SSOR 80 R to 2nd Post from Thence 8 R to  
road 74 R to ravine + creek 72 R to

SSOR road 80 R to post. Thence East 58 R  
to fence 80 R to SE cor Sec 23 T112

R34 — Thence East 42 R to fence  
SSOR 80 R to stake — Thence East

SSOR 80 R to 3rd Post Sec 24 T112R34  
From SE cor Sec 23 North 87

SSOR 57 R to fence + road 80 R to post  
Thence East R to ravine 34 R to  
bluff 80 R to post

Chunbury Oct 27<sup>th</sup> Same force

From stake between 3rd SE cor  
Sec 15 T112R34 South 36 R to ravine  
SSOR 44 R to creek bottom 71 R to creek  
80 R to post

From S 2nd Post Sec 24 East 34 R to bluff  
SSOR 80 R to top of bluff + timber Thence 12 R to  
foot of bluff

From S 3rd Post Sec 24 North 11 R to  
ravine 24 R to top of bluff 80 R to post

From S Dr Post Sec 24 T 112 R 34 S 20

74 R to road <sup>60 R to post</sup> & R to dry creek

S 160 R

R to center Sec 25 Thence 48 R

line of fence 59 R to line of fence

S 80 R

N 10° 50' 80 R to post

From center Sec 25 East 39

E 80 R

to fence & field of horse pastures 80

R to stake. Thence 60 R to top of

E 80 R

hilltop 63 R to fence & road 80

to S Dr Post Sec 25

From last post but one in field

N 80 R

North 22 R to fence 32 R line

where back house 44 R to line

of fence 80 R to post

From post between S Dr & S

Cor Sec 25 T 112 R 34 S 20 54 R

N 80 R

fence 70 R to fence 80 R to post at

graves - Thence North R to timber

N 40 R

40 R to bluff - Also South 34

S 34 R

fence facing La-Jay-bob-dwell

Also West 72 R to ravine

Also 78 R to ravine 80 R to post

Friday - Same force

From last named post North

22 R to prairie 38 R to road 68 R to

bluff & timber on ravine 80 R to post

on side bluff

From post between S Dr & S W Cor

Sec 23 T 112 R 34 North 9 R to prairie 13

R to fence line 34 R to fence line

44 R. House of Tulaboboc 10 R right

80 R to post

From NE Cor Sec 27 South 11 60 R

to road 80 R to stake. Thence South

80 R to S Dr Post.

From NE Cor Sec 27 West 30 R

to post. Thence West 30 R to creek 80

R to N Dr Post Sec 27 -

Thence North 68 R to between Laban

4 R to road 6 R to fence & field

80 R to center Sec. Thence 10 R fence

80 R to post. Thence 18 R to creek

80 R to N 1/4 Post

N 1/4 Post

N 80 R  
N 1/4

ESOR

From post between centre & Sec 22

Sec 22 10 R to road 23 R to

Mahpiza 64 R to fence 80 R

by body 3 R right & post

N 80 R

Thence North 69 R to fence

line 80 R to post with house

10 R to left

Saturday - Same for

From stake between centre & Mahpiza

Sec 22 T 12 R 34 West 80 R to post

Thence South 40 R to top of bluff 50 R

Mahpiza village 15 R to top 48 R

66 R Main road

fence line 80 R to stake & fence line

Thence South 52 R to fence line 70 R

to Lake & slough 80 R to stake. Thence

80 R to post in Section. Thence West

to SW cor Sec 22 T 12 R 34 (V 11° 28')

From SW cor Sec 22 South 20 R to

80 R to post. Thence East 80 R to post

Thence East 14 R to bluff 28 R to creek

45 R to creek 80 R to post

Monday Oct 31 - Same for

From N W cor Sec 8 T 12 R 34

North 4 R to bluff 30 R to bottom

52 R to house & R to Right 80 R to

post at R to river. Bluff 85 R to house

From said post West 45 R to spring

branch 80 R to post on side bluff

Thence North 8 R to creek 19 R to house

100 R to Minnesota river

From S 1/4 Sec 6 T 12 R 34 North

4 R to road 8 R to fence 44 R to fence

46 R to road Roy's House 7 rods left

Myricks Olds on 12 rods Right

50 R to house 80 R to top of bluff & post

Thence North 25 R to bottom &

creek 58 R to creek 65 R to house

From stake between centre & SW cor Sec

8 T 12 R 34 North 2 rods to bluff 25 R to bottom

75 R to Lake slough

From Mahpiza Sec 7 South 34 R to

road 80 R to stake. Thence South 80 R to centre

Sec S 80 R to stake S 80 R to SW cor

11° 05'

From stake where 7 Dr 50  
 E 50 R center Sec 7 East 80 R to post  
 From NW Cor Sec 8 T112 R 34  
 East 60 R to <sup>20 R</sup> ~~Handwritten~~ 18 R  
 E 80 R to turn 4 stakes & bluff 43  
 to spur 56 Rod to top ravine 10 R  
 (from 2nd to 3rd) 80 R to post 10 R

same from  
 N 30 R from 2nd Post Sec 8 T112 R  
 North 50 R to road 52 R bluff 80  
 to post. Thence North 11 R to NW 1/2  
 N 35 4 R Right 9 rods to road 50 R to river 80 R

From E 2nd Post Sec 8 Thence  
 7 R to road 64 R to road 68 R to road 70  
 80 post. Thence West 80 R  
 Var 11° 28' Post. Thence West  
 W 80 R 15 R to corner 21 R to slough 80 R to 80 R

From stake where 2 Dr 50 R  
 center Sec 8 North 26 R to slough  
 14 R to road 40 R road 42 R road 50 R slough & post 50 R to stake

68 R to bottom of ravine 80 R to post  
 on spur <sup>Thence</sup> 12 R to road on spur 18 R  
 to edge of Bluff 20 R to stake

From center of Sec 8 T112 R 34  
 South 80 R to post Thence 50 R South  
 to 2nd Post. Thence North 31 R to  
 fence 74 R to fence <sup>80 R</sup> <sup>to house</sup> R to line  
 of House. Rotation R to bluff 13 R  
 to line of dormitory 116 R to line  
 of Cullen 13 R to Right Daniel 4 R left  
 38 R to fence 32 R to bluff 74 R to road

80 R post

Wednesday. Same from

From stake in center of S E  
 Dr of Sec 1 T112 R 35 North 13 R to  
 ravine bottom 51 R to spur 40 R  
 bluff 80 R to post

From E 2nd Post Sec 2 T112  
 R 35 West 80 R to post in field. Thence  
 15 R to fence 17 R to fence line 74 R to  
 20 R to

# Friday

From S E cor Sec 2 T112 R3

N 80 R

North 80 R to Post. Thence <sup>North</sup> 30 R to

N 50 R

~~South~~ Also East 20 R to ~~Post~~ <sup>Post</sup> 80 R to post

E 80 R

Also West 60 R to fence 80 R to post

W 80 R

Thence 80 R to bluff <sup>South</sup> 80 R to post

W 80 R

Also North 14 R to bluff <sup>thence</sup> 20 R to 80

post again 16 R to fence line 50

Atakota new house 80 R to Right at 80

42 R village 15 R to R 80 R to post 144 R

N 80 R

1 1/2 miles

# Saturday

From SE cor Sec 3 T112 R35

Post 144 R to road 160 R to post

on spur of bluff. Thence South

22 R to foot of bluff 80 R to post

Also North 12 R to road 42 R

to creek 80 R to post on side bluff

From SE cor Sec 3 T112 R34

<sup>12 R</sup> South 80 R to post. Thence 4 R to

bluff Also North (12° 12' var) 44 R

to bluff 66 R to creek.



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Village of Mamad-bonka

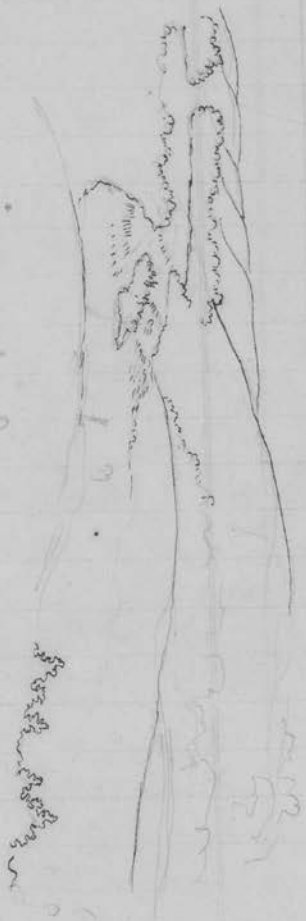
Suragant, Bnd. 







rapid down



Triangulation I

80 R + 70 Rod + 11 Triang<sup>l</sup> Distance  
Base 16 Rods Angle  $14^{\circ}45'$   
Distance 60 R 19 R

Triang<sup>l</sup> II

492 Rods + Triang<sup>l</sup> Distance  
Base 32 Rods Angle  $67^{\circ}33'$   
Distance 77 R 1 R

Triang<sup>n</sup> IV

Base 11 ch = 22 R Angle  $77^{\circ}27'$   
=  $\frac{1}{4}$  Mile 4326 ft



quadruped



Vanthas field 32 1/2 Rods X 31 1/2 Rods —  
 X 200 Rods 58 Rods X 40 —  
 strip 10 " X 378.  
 Mahout - 19 " X 4 R

$$\begin{array}{r}
 18\frac{1}{2} \\
 36 \\
 \hline
 45 - m
 \end{array}$$



apt B  
 apt C

— New Britain



— Japan

1 ch 48 1/2 pan hour 11 m 8  
 2 ch 48 1/2 " East

$$\begin{array}{r}
 40 \\
 46 \\
 \hline
 86
 \end{array}$$

Neuh-hah-man-ni  
 et-hay-sappa  
 8 yellow medicine

$$\begin{array}{r}
 32 \\
 33 \\
 \hline
 64 \\
 36 \\
 \hline
 102
 \end{array}$$



$$\begin{array}{r}
 342012 \\
 10 \\
 \hline
 352012
 \end{array}$$



47



$$\begin{array}{r}
 1130. \\
 1037. \\
 \hline
 23
 \end{array}$$

$$\begin{array}{r}
 324 \\
 16 \\
 \hline
 152 \\
 32 \\
 \hline
 18 \\
 528 \text{ Py} \\
 512 \\
 \hline
 56
 \end{array}$$

