

**Phase 1 Environmental Site Assessment
Proposed Grays Harbor Potash Export Facility
Hoquiam, Washington**

**Appendix D
Aerial Photographs and Topographic Maps**

Grays Harbor Facility A17.0202.00

100 Airport Way

Hoquiam, WA 98550

Inquiry Number: 4904768.12

April 17, 2017

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

04/17/17

Site Name:

Grays Harbor Facility A17.0202
100 Airport Way
Hoquiam, WA 98550
EDR Inquiry # 4904768.12

Client Name:

BergerAbam
210 E 13th Street, Suite 300
Vancouver, WA 98660-3231
Contact: April Ryckman



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<i>Year</i>	<i>Scale</i>	<i>Details</i>	<i>Source</i>
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Flight Date: September 21, 1994	USGS
1992	1"=500'	Flight Date: June 18, 1992	USGS
1990	1"=500'	Acquisition Date: September 04, 1990	USGS/DOQQ
1983	1"=500'	Flight Date: August 04, 1983	USGS
1981	1"=1000'	Flight Date: August 10, 1981	USGS
1974	1"=500'	Flight Date: July 13, 1974	USGS
1971	1"=500'	Flight Date: September 19, 1971	USGS
1953	1"=500'	Flight Date: October 01, 1953	USGS

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INQUIRY #: 4904768.12

YEAR: 2011

— = 500'





INQUIRY #: 4904768.12

YEAR: 2011

— = 500'





INQUIRY #: 4904768.12

YEAR: 2009

— = 500'





INQUIRY #: 4904768.12

YEAR: 2009

— = 500'





INQUIRY #: 4904768.12

YEAR: 2006

— = 500'





INQUIRY # 4904768.12

YEAR: 2006

— = 500'





INQUIRY #: 4904768.12

YEAR: 2005

— = 500'





INQUIRY #: 4904768.12

YEAR: 2005

— = 500'





INQUIRY #: 4904768.12

YEAR: 1994

— = 500'





INQUIRY #: 4904768.12

YEAR: 1992

— = 500'





INQUIRY #: 4904768.12

YEAR: 1992

— = 500'





INQUIRY #: 4904768.12

YEAR: 1990

— = 500'





INQUIRY #: 4904768.12

YEAR: 1990

— = 500'





INQUIRY #: 4904768.12

YEAR: 1983

— = 500'



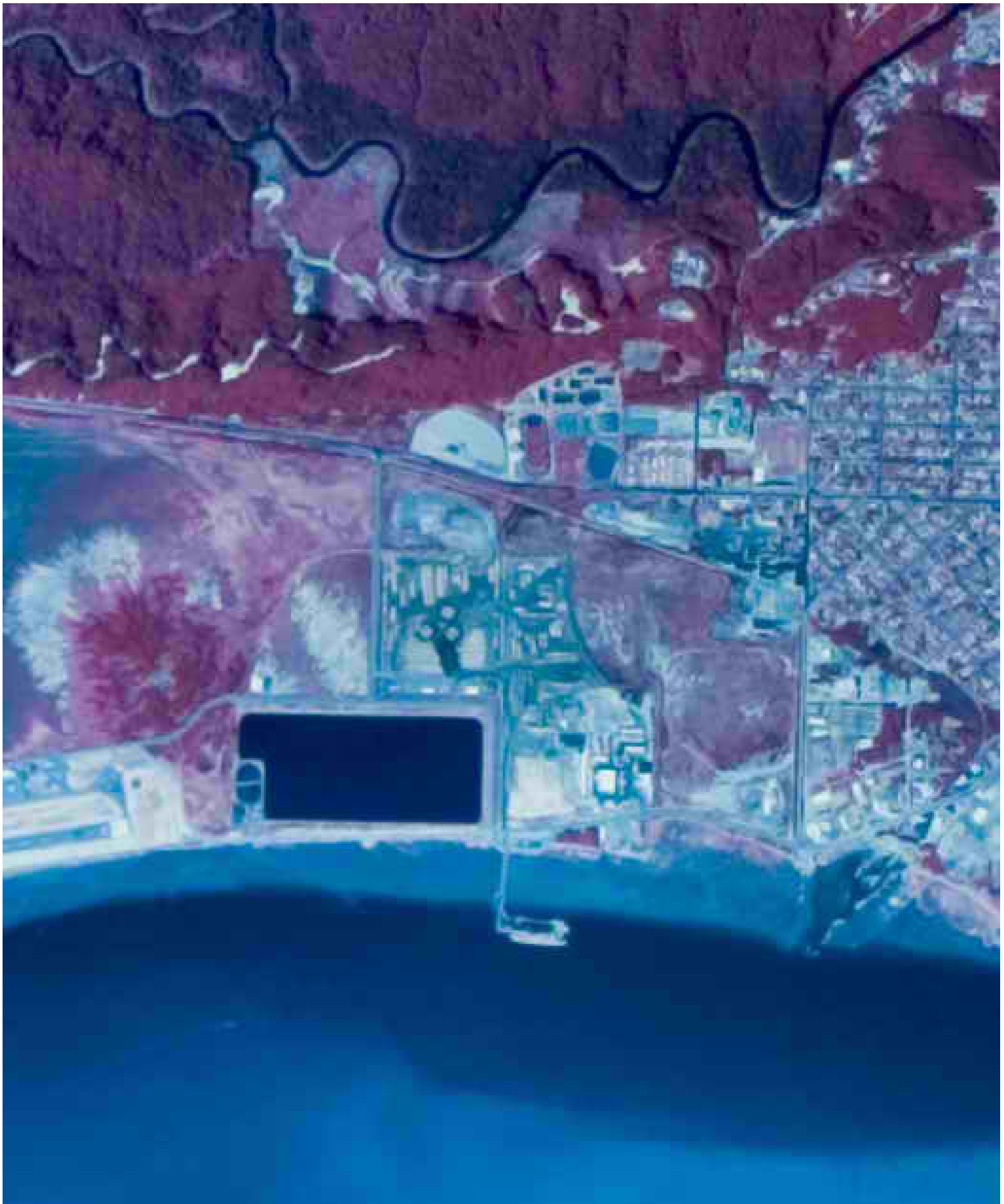


INQUIRY #: 4904768.12

YEAR: 1983

— = 500'





INQUIRY #: 4904768.12
YEAR: 1981
= 1000'



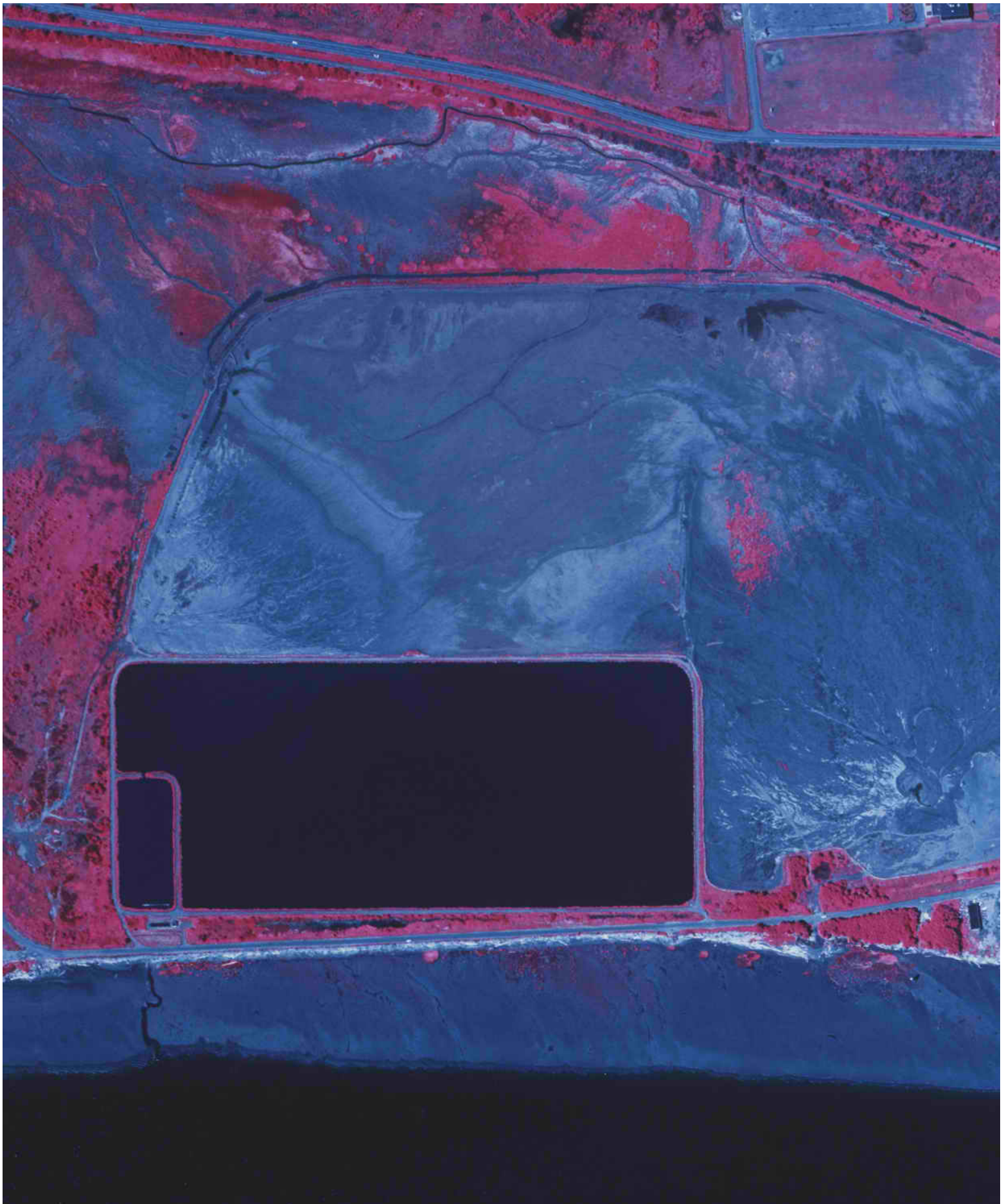


INQUIRY #: 4904768.12

YEAR: 1974

— = 500'





INQUIRY #: 4904768.12

YEAR: 1974

— = 500'





INQUIRY #: 4904768.12

YEAR: 1971

— = 500'



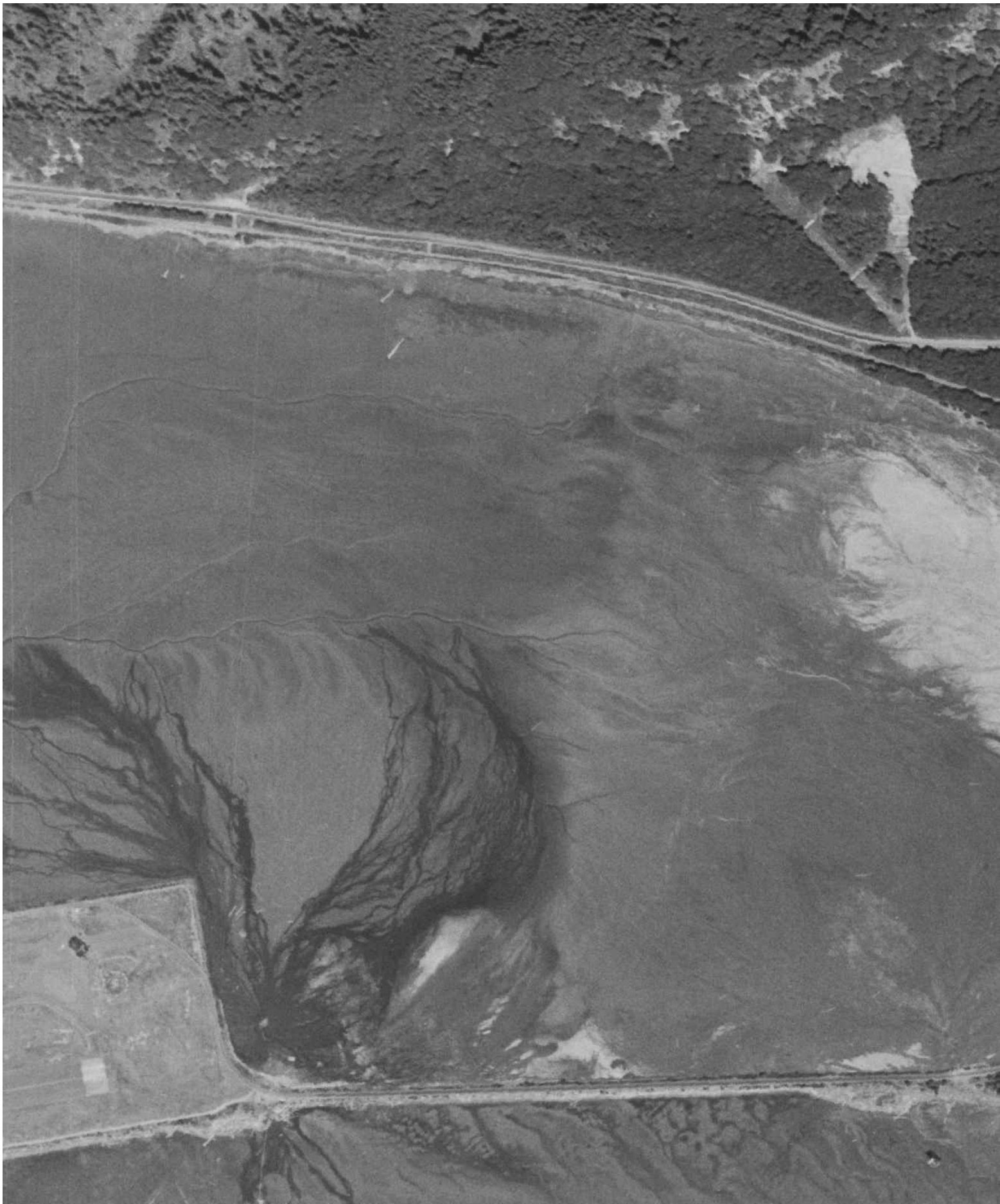


INQUIRY #: 4904768.12

YEAR: 1971

— = 500'





INQUIRY #: 4904768.12

YEAR: 1953

— = 500'





INQUIRY #: 4904768.12

YEAR: 1953

— = 500'



Grays Harbor Facility A17.0202.00

100 Airport Way

Hoquiam, WA 98550

Inquiry Number: 4904768.4

April 12, 2017

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

04/12/17

Site Name:

Grays Harbor Facility A17.0202
100 Airport Way
Hoquiam, WA 98550
EDR Inquiry # 4904768.4

Client Name:

BergerAbam
210 E 13th Street, Suite 300
Vancouver, WA 98660-3231
Contact: April Ryckman



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by BergerAbam were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	A17.0202.00	Latitude:	46.97521 46° 58' 31" North
Project:	Grays Harbor Facility	Longitude:	-123.909456 -123° 54' 34" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	430826.31
		UTM Y Meters:	5202810.66
		Elevation:	25.00' above sea level

Maps Provided:

2014
1994
1983
1973
1957
1942

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Topo Sheet Key

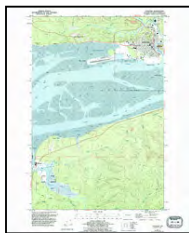
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



Hoquiam
2014
7.5-minute, 24000

1994 Source Sheets



Hoquiam
1994
7.5-minute, 24000
Aerial Photo Revised 1990

1983 Source Sheets



Hoquiam
1983
7.5-minute, 24000
Aerial Photo Revised 1980

1973 Source Sheets



Hoquiam
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1957 Source Sheets

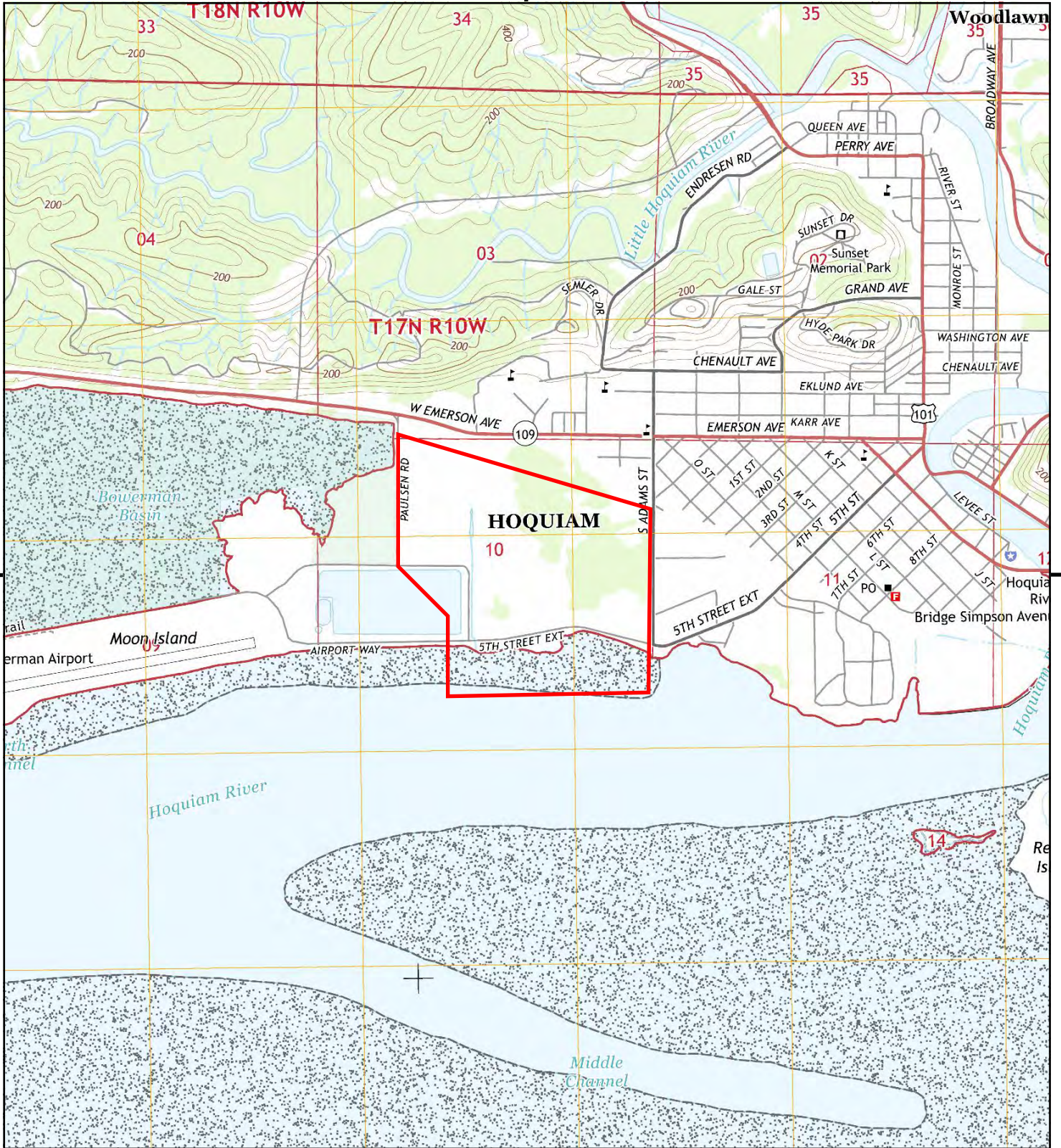


Hoquiam
1957
7.5-minute, 24000
Aerial Photo Revised 1950

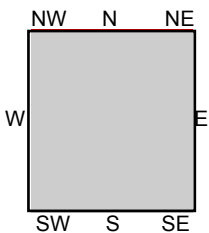
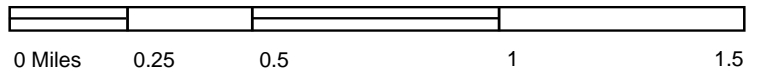
1942 Source Sheets



ABERDEEN
1942
15-minute, 50000



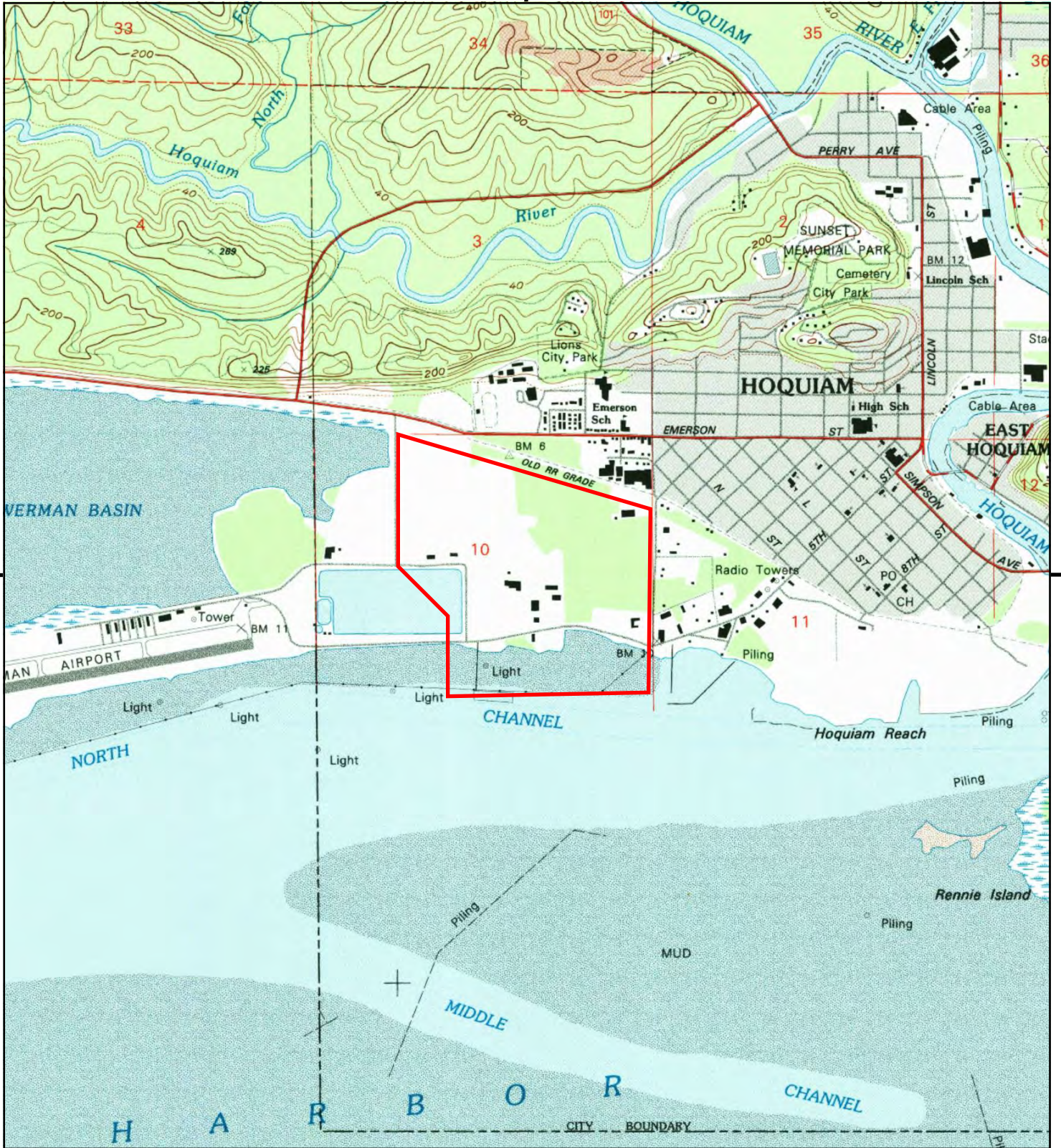
This report includes information from the following map sheet(s).



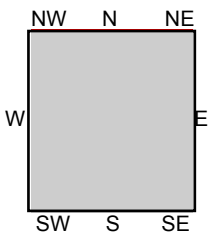
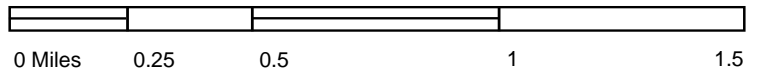
TP, Hoquiam, 2014, 7.5-minute

SITE NAME: Grays Harbor Facility A17.0202.00
 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam





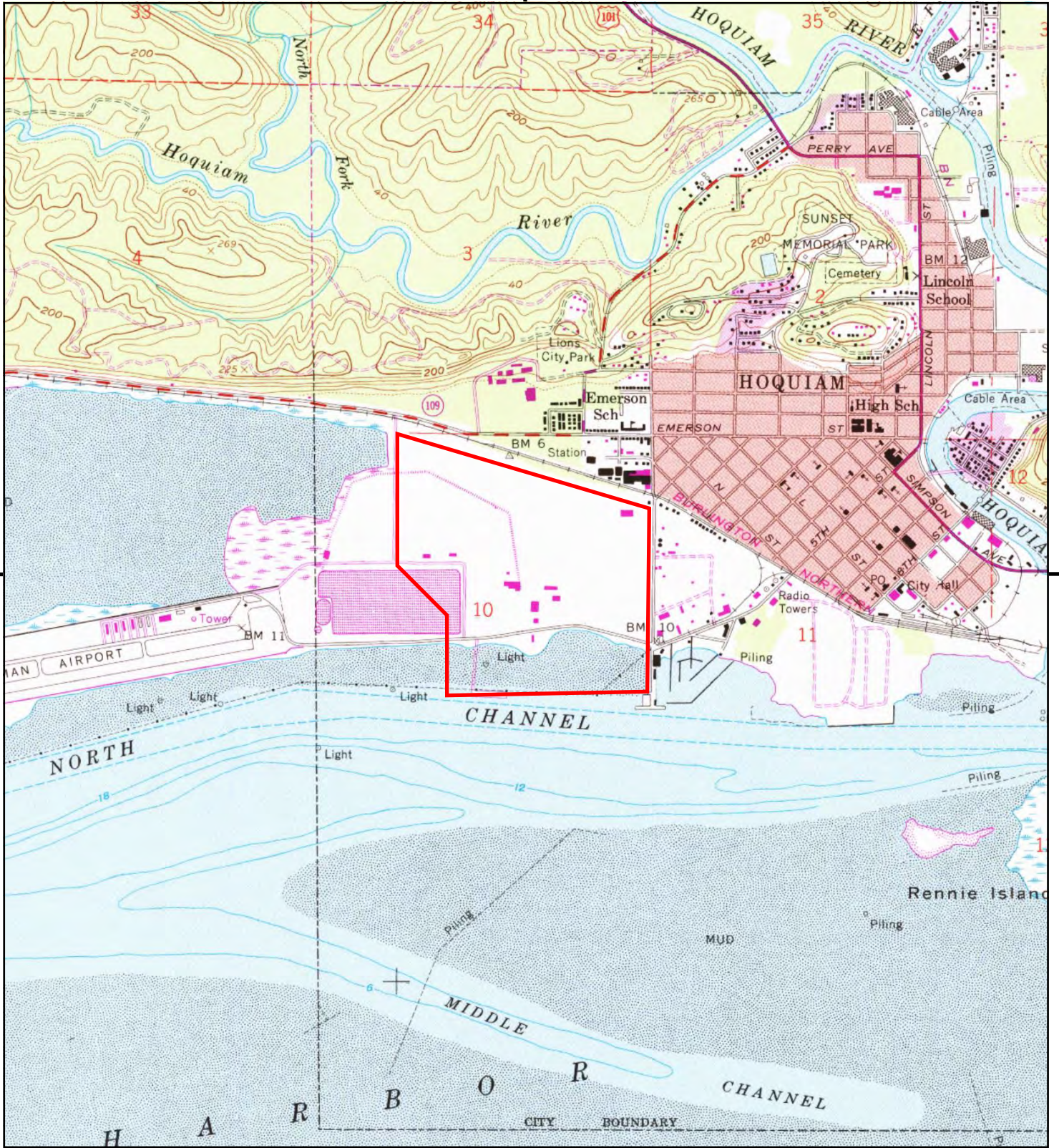
This report includes information from the following map sheet(s).



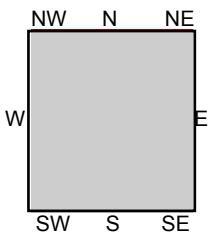
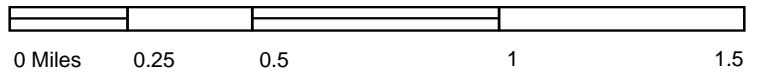
TP, Hoquiam, 1994, 7.5-minute

SITE NAME: Grays Harbor Facility A17.0202.00
 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam





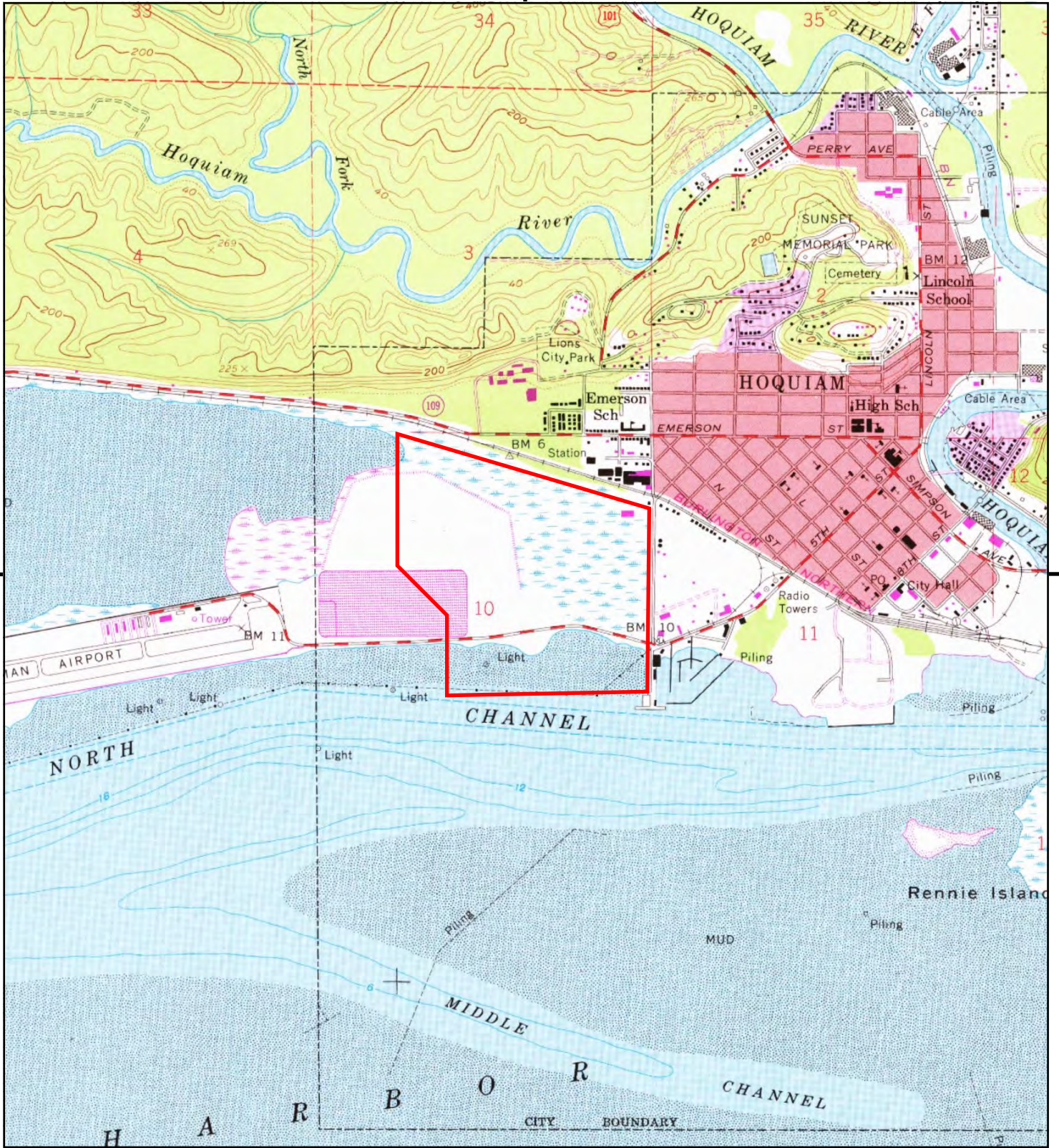
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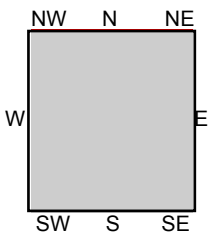
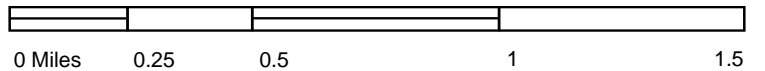
TP, Hoquiam, 1983, 7.5-minute

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 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam





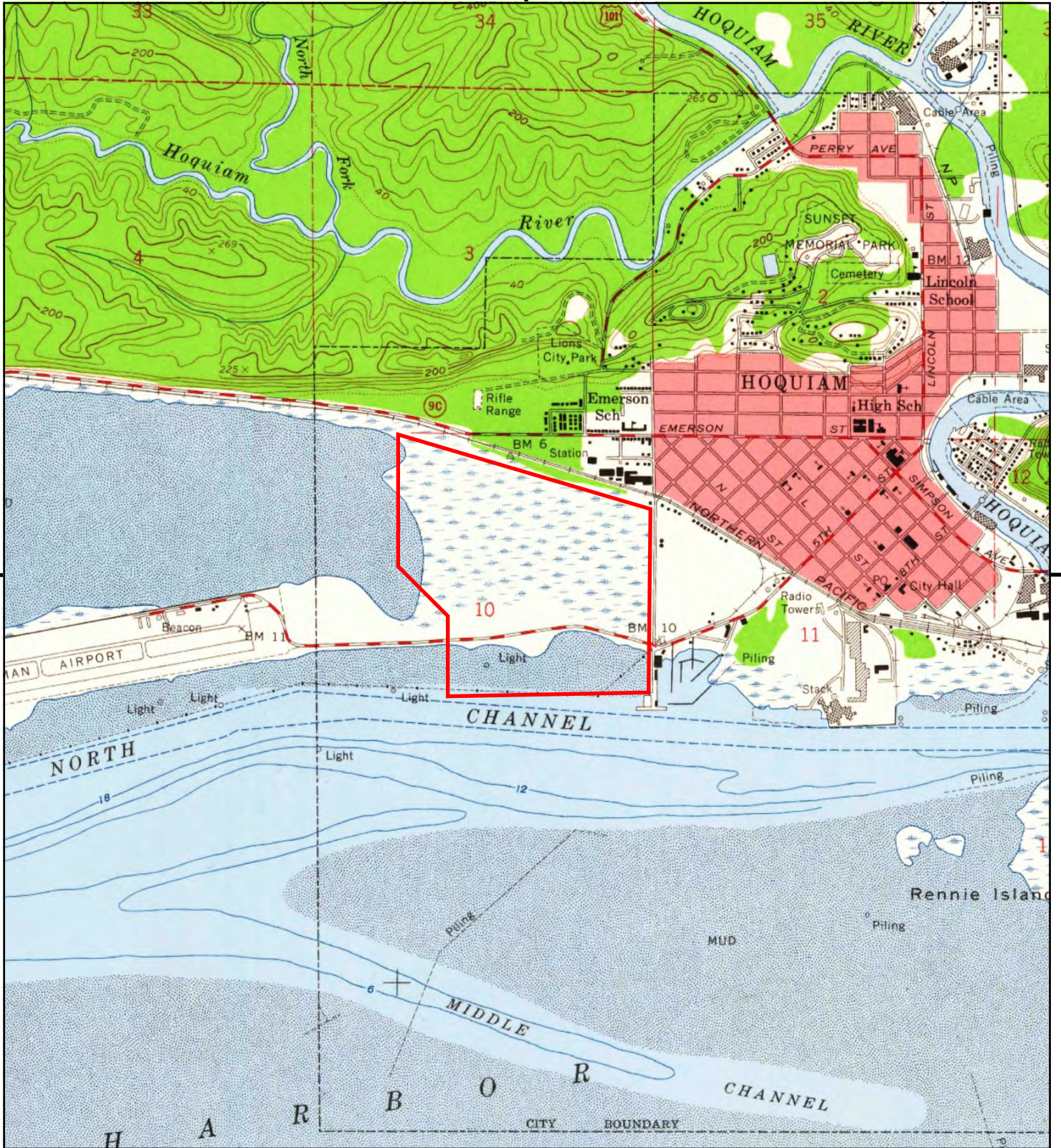
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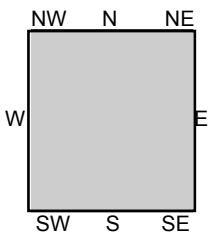
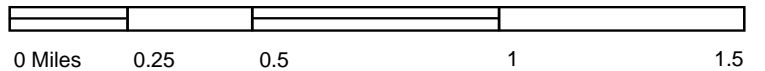
TP, Hoquiam, 1973, 7.5-minute

SITE NAME: Grays Harbor Facility A17.0202.00
 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam





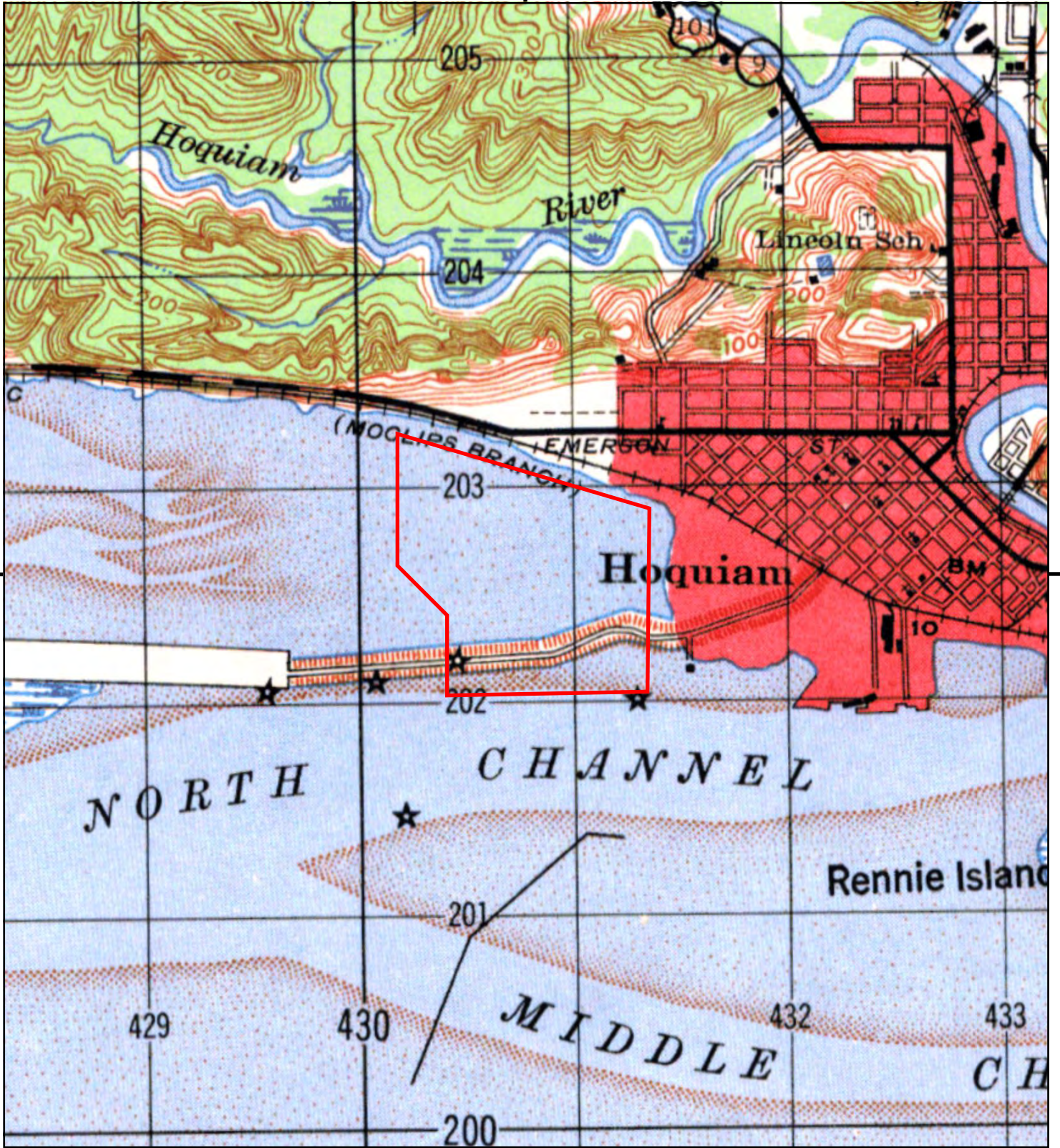
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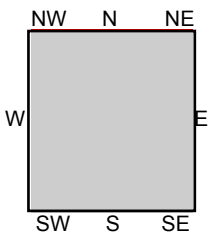
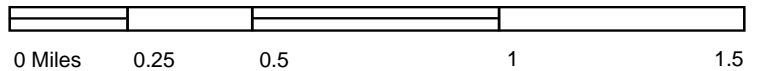
TP, Hoquiam, 1957, 7.5-minute

SITE NAME: Grays Harbor Facility A17.0202.00
 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam





This report includes information from the following map sheet(s).



TP, ABERDEEN, 1942, 15-minute

SITE NAME: Grays Harbor Facility A17.0202.00
 ADDRESS: 100 Airport Way
 Hoquiam, WA 98550
 CLIENT: BergerAbam

