

The Washington State Coal Mine Map Collection: A Catalog, Index, and User's Guide

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WASHINGTON
DIVISION OF GEOLOGY
AND EARTH RESOURCES

Open File Report 94-7
June 1994

This report supersedes Open File Report 83-8



WASHINGTON STATE DEPARTMENT OF
Natural Resources

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The Washington State Coal Mine Map Collection: A Catalog, Index, and User's Guide

by
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INTRODUCTION

Coal has been mined in Washington since 1853. Although current production is from surface mines, nearly all coal produced prior to about 1970 came from underground workings. Since early in this century, Washington State law has required mine operators to submit detailed plans of all underground coal operations to the state on an annual basis. About 1,100 individual maps representing about 230 mines comprise the Washington State coal mine map collection. The maps are an invaluable source of information for mine subsidence hazard evaluation and mitigation, structural geology, coal exploration, resource evaluation, and historical research.

This report is an update of the original "Directory and user's guide to the Washington State coal mine map collection", our Open File Report 83-8. This updated version includes the original catalog, two subsequent addenda (May 1984 and February 1994), index maps, cross-reference lists, and a user's guide. The revision incorporates the materials added to the collection since the original directory was published, including a user's guide to the microfilm. The text, index maps, and appendices have been updated and contain data for the full collection. The maps detailed in the catalog and two addenda have not been interfiled due to the fact that the 1983 compilation was done manually and is not in an electronic format. Table 1 has not changed.

The catalog and catalog addenda list the mines by name, operator, map title, date, and map scale and provide a brief description of features that are found on each map. The index maps outline the approximate area covered by a given mine. The appendix contains two cross-reference lists: one by mine name and one by operator name. Finally, there is a descriptive user's guide on how to use this directory to access information for any given mine property.

The collection is housed in the Division of Geology and Earth Resources office in Olympia, Washington. Each mine property has been assigned an alpha-numeric code, which is used on the index maps and in the catalog (and catalog addenda) of this directory. The original maps are stored in tubes. Each tube has a number that corresponds to its location in the storage racks—thus, this report is also a guide to the physical location of each map in the collection.

Persons interested in the mine map collection are encouraged to make full use of this guide and the information contained in the maps. For those who want access to map information without having to travel to Olympia, the entire collection is available for purchase on 35 mm microfilm. The following section about the microfilm collection includes purchasing information.

The original maps are stored in an area with a large table suitable for making tracings or detailed studies of large mine maps. However, due to the fragility and deterioration of the paper, we would like to minimize handling of the originals.

In addition to the microfilm copy, a series of 4-inch by 4-inch (105 mm) microfiche negatives are available for many (but not all) of the maps. These negatives permit enlargements up to full scale to be made, but the cost of full-scale reproduction may be prohibitive for some users. Also available for many (but not all) of the maps are transparent, Mylar positive reproductions at a scale of 1:4,800. Ozalid or photocopied prints can readily be made from the Mylars. (Note: Use of the Ozalid process is being phased out for environmental health reasons, and this option may not be available for much longer.) The three

alternative formats—35 mm microfilm, 105 mm microfiche negatives, and Mylars—are all cataloged and cross-referenced to the original mine maps.

Acknowledgments

Funding for this project came from a combination of state and federal sources and contributions by representatives of private industry. The Division of Geology and Earth Resources thanks Cominco American, Inc., GCO Minerals Co., Getty Oil Co., Hart-Crowser and Associates, Inc., Longview Fibre Co., Meridian Land and Mineral Co., Rocky Mountain Energy, Soil Sampling Service, Inc., and the Weyerhaeuser Co. for their generous contributions that aided in the completion of this catalog.

Funding for the reproducible Mylar and microfiche reductions was provided by the U.S. Bureau of Mines. Funding for the microfilming of the entire collection was provided by the U.S. Office of Surface Mining.

The authors thank William M. Phillips, Timothy J. Walsh, and Connie J. Manson of the Division of Geology and Earth Resources for their helpful suggestions throughout the project. Further acknowledgment is given to the tireless efforts of Joe-Ann Helms, who was instrumental in organizing many of the maps before this project was undertaken.

USER'S GUIDE TO CATALOG (AND ADDENDA) AND INDEX MAPS

The mine maps indexed in the catalog (and addenda) are arranged in alphabetical order by county. Under the county headings, the mines are listed by sequential index numbers which correspond to the mine locations as drawn on the index maps.

The index maps incorporate the information from our Open File Report 83-8, an addendum dated May 1984, and a second addendum completed in February 1994. The index maps show the approximate location of, and area covered by, a single mine or composite map depicting several mines in a given area.

The two addenda to the catalog follow the original catalog. Please note that the three parts are not merged, but remain as three separate entities.

Following the addenda is an appendix containing two alphabetically arranged cross-reference lists. The first is a listing of mine names, and the second is a listing of operators. Both lists are cross-referenced by number to the catalog listings and catalog addenda.

Explanation of Mine Map Catalog Tabulations

The mine map catalog tabulations are arranged under column headings. A detailed explanation of each column is given below, in order from left to right across a page.

Index Number (Index No.)

The index number is a combination of an alphabetical prefix which designates the county(ies) in which the mine or group of mines is located, and a sequential number. This alpha-numeric designation keys the catalog listing of each mine or mine area within a county to its corresponding index map. The sequential arrangement allows the user to locate the descriptive information in the catalog section (or catalog addenda) once the index number is determined from the index map. The index numbers were assigned in a generally north to south and east to west arrangement. Mining properties first listed in the addenda [K103, K104, L31, L32] do not fit into this directional scheme. The index number also links the appendices of mine names and operator names to the catalog listing.

The index number appears on all formats of the maps: full-scale maps, reduced scale reproducible Mylars, 105 mm negatives, and 35 mm microfilm.

Location

This column refers to the area represented by the cumulative extent of mine workings shown on the mine records of a given mine. It is given as standard Government Land Office coordinates of section, township, and range. Locations by legal land descriptions are abbreviated, for example, as secs. 10, 11, 15-18, 22, 26 (23-6E)—meaning sections 10, 11, 15, 16, 17, 18, 22, and 26, Township 23 North, Range 6 East. Because all of the townships in the region covered are north of the Mt. Hood baseline, the direction is not noted. Because the ranges in the region occur both west and east of the Willamette Meridian (W.M.), the direction is specified.

Mine Name; Operator

The central column lists the mine name and operator(s) of the mine (or a composite map showing several adjacent mines or a coalfield and the company which produced the map). Beneath this heading the mine maps are listed by title and in chronological order, although there are some variations to this rule. Maps with broad coverage precede maps showing more detailed features. In some places several coal seams were developed into a single mine. Where this has occurred, an effort has been made to list the maps of each seam sequentially by number and chronologically by date.

Details found on each mine map are listed in the column adjacent to the map title. Surface features are listed first, followed by mine workings and other physical details; a semicolon separates the two types of details when a map record contains both.

Date

The date used is the most recent date appearing on a given map. The map records of a particular mine can include periodically updated maps showing the progress of mine development.

Scale

The map scale is listed as a ratio. Many of the full-scale mine maps were drafted at a scale of 1 inch = 100 feet, which appears in the catalog as the ratio 1:1200.

Format of Maps in Tubes

Formats of mine maps include paper copy blueprints (blupt), bluelines (blun), blacklines (blkln), ink and pencil tracings (ink/pencil), prints on photo paper (photo), ink tracings on linen (linen), and sepia prints (sepia).

Tube Number (Tube No.)

The tube number directs the user to the tube that contains the desired map(s). The maps are stored in tube racks at the Division of Geology and Earth Resources Olympia office. The Roman numeral identifies the storage rack containing a given map tube, and the number refers to the tube location within the storage rack.

Other copies

This column identifies mines for which the Division owns reproducible copies: 4 inch by 4 inch 105 mm negatives, reduced scale 1:4,800 (1 in. = 400 ft) individual Mylar positive prints, or Mylar composite maps. The microfilm copy includes all the individual mine maps in the collection to date, with the exception of the few that were missing at the time of filming.

The 105 mm negatives were acquired by photographing many of the mine maps. Due to the size of the original maps, it was necessary to take several photographs of each map. Several negatives must be combined to produce a complete map.

The individual Mylar positive prints were produced from the 105 mm negatives. As with the 105 mm negatives, several of them must be combined to produce a complete map. In several cases the individual prints were used to construct mylar composites of major coalfields. These composites are discussed elsewhere in the text.

The term "mapbook" refers to a forerunner of the present system which contains Ozalid copies made from 1:4,800 Mylar prints. It is organized by county with pages organized by Government Land Office sections and can be a useful adjunct to the present system.

Explanation of Mylar Composites

Larger composite maps were created by splicing together and photographing some of the individual Mylar positive prints. The composite maps provide a complete view of large mines not possible with the individual Mylar sheets. They also show the correct relative geographic positions of adjacent mines. The Mylar composites are filed separately from the individual Mylar sheets and can be used to produce inexpensive blackline or blueline paper copies. They are listed under a separate heading because they are not original maps and could not be appropriately cataloged in the primary tabulation.

Mines included on each Mylar composite sheet are listed in Table 1. Individual mine names are cross-referenced by index number to the primary catalog listing of the mine. A corresponding cross-reference is also made in the primary tabulations in the catalog by the notation "Mylar composite" in the far left column.

The tube number identifies the location of the map in the physical storage system. Labels in the lower right hand corner of each Mylar composite map identify the mines appearing on the composite map. Locations of the individual mines can be determined by referring to the index maps.

User's Guide to the Mine Maps on Microfilm

The entire coal mine map collection is available on five reels of 35 mm microfilm. Purchases of single reels or complete sets will be coordinated by the Division of Geology and Earth Resources. The current (1994) price for a diazo copy is \$8.50 per reel plus shipping and handling. To buy microfilm, send a letter specifying what you want (quantity, reel number(s), diazo or silver) to: Publications, Washington Division of Geology and Earth Resources, P.O. Box 47007, Olympia, WA 98504-7007. Please include payment for the text, The Washington State Coal Mine Map Collection: A Catalog, Index, and User's Guide, with the request for microfilm. We will mail you the text and forward your request to the Microfilm Bureau. They will contact you directly about payment options. Money for the microfilm is not to be sent to the Division of Geology and Earth Resources.

The Mylar composites are not included in the microfilm collection.

The microfilm contains the catalog portion of the directory and the mine maps; it is not intended as a stand-alone product. For the index maps, appendices, and user's guide, one must still use the directory. The microfilm copy follows the same sequence as the catalog, with two exceptions/clarifications. First, the maps from the two addenda are merged with the maps from the original catalog. Second, because some users may want reels for a specific county only, the mine maps from combined county areas (Pierce-King, Lewis-Thurston and Lewis-Thurston-Cowlitz) were filmed twice: the PK maps follow both King and Pierce Counties, and the LT and LTC maps follow both Lewis and Thurston Counties.

The reels cover the maps as follows:

reel 1: K1 - K41
 reel 2: K42 - K91
 reel 3: K92 - K104
 PK1 - PK2
 Kt1 - Kt32
 reel 4: L1 - L32
 LT1 - LT3
 LTC1
 P1 - P36
 reel 5: P37 - P40
 PK1 - PK2
 S1
 T1 - T8
 LT1 - LT3
 LTC1
 W1 - W6

Before the map(s) for each mining property, a 'catalog sheet' was filmed to clearly delineate between the mine properties on the microfilm. Each frame was filmed with an identification tag showing the alphanumeric code and letter assigned to each mine map (that is, Kt9 map C), a tag showing the frame number (when multiple frames were necessary to film one map), and a scale bar. In the few instances where a single map has two or more parts or sheets, the frames are labeled as (example only): K104 map B, sheet 2, frame 1.

The majority of the original maps are large and could not be filmed to fit on a single frame. There is potential for the user to be confused when trying to visually piece together the frames into one contiguous map. Some maps are long and narrow, whereas others required rotating and filming in two horizontal rows: upper and lower. On the maps that were filmed in two rows, the frame numbers run clockwise from the upper left corner of the map, like this:

1	2	3	or	1	2	or	1
6	5	4		4	3		2

The frames of long and narrow maps may be numbered:

1	2	3	4
---	---	---	---

The maps were filmed with ample overlap, and we hope that the frame sequences will be understandable.

Maps missing from the collection at the time of microfilming are tagged as missing on the microfilm and are listed in the errata and missing maps section, which follows.

A note on quality control and human error: The majority of the original maps are blueprints. Every effort was made to get the best possible film copy. A few maps are too faint to read; this is due to the quality of the original map. A few frames were intentionally shot twice at different light exposures to get better legibility. There are a few instances of accidental shutter-tripping, mostly on reel 1, but no map

information is lost. There may be additional errors that were not documented at the time of filming. We would appreciate hearing about them so that the errata list is accurate.

Errata and Missing Maps

Reel 1 (K1 - K41)

- K3 -- blank frame between map A and map B
- K9 -- maps D and E are reversed; E has the labels for D; the sequence as filmed is C - E - D
- K23 -- map C is a letter, and has been removed from the map collection and added to the office files
- K38 -- map A, frame 5 shot twice (2nd time is error)
- K38 -- map N, frame 6 shot twice (2nd time is error)
- K40 -- map A shot twice to assure legibility
- K41 -- map C missing
- K41 -- map D missing

Reel 2 (K42 - K91)

- K56 -- map D shot twice to assure legibility
- K60 -- map O missing
- K71 -- map A shot twice to assure legibility
- K85 -- map D shot twice (2nd time is error)

Reel 3 (K92 - K104, PK1 - PK2, Kt1 - Kt32)

- K94 -- map D shot twice to assure legibility
- PK2 -- catalog sheet shot upside down; shot 2nd time right side up
- Kt4 -- map B missing
- Kt10 -- map B shot out of correct frame sequence; first frame shot is upper right, then clockwise from there:
 - 4 1
 - 3 2
- Kt26 -- map L is a single frame (not frame 1 of several)

Reel 4 (L1 - L32, LT1 - LT3, LTC1, P1 - P36)

- P17 -- map A shot twice to assure legibility

Reel 5 (P37 - P40, PK1 - PK2, S1, T1 - T8, LT 1 - LT3, LTC1, W1 - W6)

- P37 -- map C shot upside down
- W5 -- map A shot twice to assure legibility

TABLE 1. - List of mines occurring on mylar composites

PIERCE COUNTY

Wilkeson - Carbonado - Melmont area

Tube No. V-17

Index No.	Mine	Areal coverage and scale
P23	Bonato	Secs. 3-5, 8-10, 15-17, 21-22 (18-6E); secs. 32-34 (19-6E) scale: 1:4800
P25	Carbonado	
P26	Carbonado-Strain	
P27	Crocker	
P32	Douty	
P33	Electric	
P34	Melmont	
P30	Miller	
P22	Wilkeson	
P28	Wingate	

Burnett - Gale Creek - Spiketon area

Tube No. V-17

Index No.	Mine	Areal coverage and scale
P17	Henry Bartoy's Acme Gem	Secs. 10, 15, 16, 21, 22, 27, 28, 33, 34 (19-6E) scale: 1:4800
P4	American Coal Co. (Spiketon)	
P10	Apex	
P12	Henry Bartoy's mine	
P13	Queen (Buralli)	
P6	Burnett	
P15	Commercial	
P11	Dependable	
P14	Gale Creek	
P19	Kelly (Wilkeson Miller)	
P9	Kranko Queen	
P8	Peanut	
P7	So. Willis	
P22	Wilkeson	
P19	Wilkeson Miller	

KITTITAS COUNTY

West end Roslyn coalfield

Tube No. V-17

Index No.	Mine	Areal coverage and scale
Kt13	Busy Bee	Secs. 12, 13, (20-14E); secs. 7, 8, 18 (20-15E) scale: 1:4800
Kt19	Ronald No. 2	
Kt19	Roslyn Big Seam	
Kt14	Roslyn-Cascade No. 2	
Kt12	Roslyn Fuel Co. No. 2	

TABLE 1. - List of mines occurring on mylar composites - continued

KITTITAS COUNTY - continued

Roslyn coalfield		Tube No. V-17
Index No.	Mine	Areal coverage and scale
Kt13	Busy Bee	Secs. 1, 2, 11-13, 24 (20-14E);
Kt30	Cle Elum nos..1, 2, and 3	
Kt5	Lakedale	secs. 5, 6, 7-10, 14-29, 34-36 (20-15E) scale: 1:4800
Kt6	Plant	
Kt14	Roslyn-Cascade no. 2	
Kt16	Roslyn-Cascade no. 4	
Kt10	Roslyn Fuel Co. no. 1	
Kt11	Roslyn Fuel Co. no. 2	
Kt12	Roslyn Fuel Co. no. 3	
Kt25	Roslyn no. 1	
Kt21	Roslyn no. 2	
Kt18	Roslyn no. 3	
Kt22	Roslyn no. 4	
Kt26	Roslyn no. 5	
Kt24	Roslyn no. 6	
Kt28	Roslyn no. 7	
Kt20	Roslyn no. 8	
Kt23	Roslyn no. 9	
Kt29	Summit	

KING COUNTY

Issaquah area		Tube No. V-18
Index No.	Mine	Areal coverage and scale
K15	New Slope	Secs. 4, 5 (23-6E);
K12	Queen No. 1	
K11	Harris-Richmond	secs. 25, 36 (24-5E); secs. 30-33 (24-6E) scale: 1:4800
*	Lahey	
K22	Newcastle	
K16	Coal Creek (old workings)	
K8	Issaquah (old workings)	

*Indicates mines which only appear on the mylar composites and have no cross referencing index number.

TABLE 1. - List of mines occurring on mylar composites - continued

KING COUNTY - continued

Cumberland area

Tube No. V-18

Index No.	Mine	Areal coverage and scale
K102 * K99 K97 K99 K96 * K93 * K98 K101 K95 K94	Big 6 Bolde Carbon Carbon Carbon Fuel Co. mine no. 4 Daly Eureka Gibbons no. 3 Independent Lizzard Mt. New Carbon seam Occidental Navy (Ozark) Sunset	Secs. 14-16, 21-23, 27, 28, 33 (21-7E) scale: 1:4800

Franklin - Black Diamond area

Tube No. V-18

Index No.	Mine	Areal coverage and scale
K66 K69 K80 K72 K83 K68 K70 K71 K71	Black Diamond - old no. 2; nos. 11 and 14 Draghi mine Franklin Franklin no. 7 Franklin south extension Ginder Lake (Black Diamond) Lawson No. 12 (new) No. 12	Secs. 1, 2, 10-15 (21-6E); secs. 17-20 (21-7E) scale: 1:4800

Franklin mine area

Tube No. V-18

Index No.	Mine	Areal coverage and scale
K84 K80 K92 K91	Cannon Franklin Hyde (new) Hyde	Secs. 7, 18-20, 29, 30 (21-7E) scale: 1:4800

*Indicates mines which only appear on the mylar composites and have no cross referencing index number.

TABLE 1. - List of mines occurring on mylar composites - continued

KING COUNTY - continued

Kangley - Hiawatha - Durham area

Tube No. V-18

Index No.	Mine	Areal coverage and scale
K50	Kangley, Parkins slope, Alta	Secs. 2, 3 (21-7E);
K51	Hiawatha	
K52	Durham	secs. 26, 34, 35
K53	Elk	(22-7E)
		scale: 1:4800

HISTORY OF COAL MINING DEVELOPMENT IN WASHINGTON

The earliest recorded discovery of coal in Washington was in 1833 along the banks of the Toutle River in Cowlitz County near its junction with the Cowlitz River (Roberts, 1958). According to Jenkins (1923) the first coal mine in the state was opened in Bellingham in Whatcom County in 1853 or 1854. At about the same time, coal was discovered on the Black River, near the present site of Renton, and a mine was opened there in 1854. A few years later, the coalfields of the Issaquah and Newcastle areas in King County, and the coking coal of the Carbon River and Wilkeson areas of Pierce County were discovered (Moen, 1982). The coals in the Roslyn area of Kittitas County were discovered around 1871 and productions commenced in 1886 (Saunders, 1914). By this time the industry was well-established throughout the coal-producing regions of the state. Annual coal production grew from 5,000 tons in 1860 to 100,000 tons by 1876; by 1888 it exceeded 1 million tons per year. By 1890 coal ranked second in importance to lumber as an export product of Washington.

In the three decades that followed, coal production increased significantly owing to its use as a domestic heating fuel as well as fuel for the railroads. Peak production of 4.1 million tons was reached in 1918. Inroads made by competitive fuels, especially heating oils, started in the 1920's. Thereafter, coal use and production fell steadily, as competition from fuel oil, natural gas, and hydropower took effect. In the 1960's annual production dropped below 100,000 tons and hit an all-time modern low of 37,000 tons in 1970.

In 1971 the declining trend in state coal production was reversed by the opening of large-scale surface mining operations in Centralia. About 4 to 5 million tons of sub-bituminous coal for power plant use are produced annually at the Centralia mine. Smaller-scale surface mining is conducted in the Black Diamond area of King County. The 1970's also saw the closing of the last underground mine in Washington—Palmer Coking Coal Company's Rogers No. 3 mine in the Landsburg area of King County.

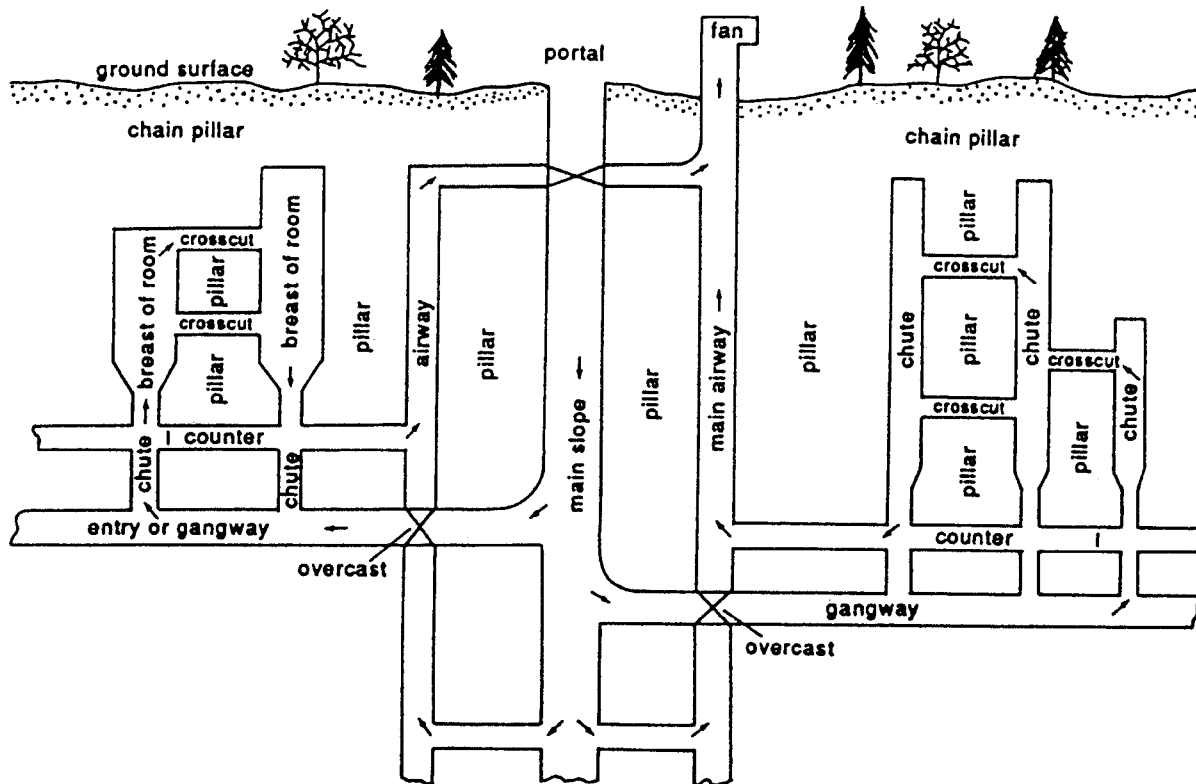
MINING METHODS

The following brief description of underground coal mining methods, as practiced in Washington, is included as a very general outline of the more common features of coal mining for those unfamiliar with the subject. The main underground features of a coal mine are illustrated in the diagram which accompanies this section. One should bear in mind that the workings illustrated are in the plane of the dipping coal bed. The following descriptions are taken from Green (1947) and Beikman and others (1961).

Most of the early underground mines were water level or drift mines. They were usually begun on coal seams which were exposed at the surface in the valleys of streams. Tunnels or drifts were driven in the coal from about stream level, and the coal occurring above this elevation was mined through these tunnels called "water-level gangways". The workings were driven slightly up the dip of the coal bed so that the mine would be self-draining. As coal above the level of the portal was mined out, the mine was abandoned or slopes (inclined tunnels) were driven down the dip of the coal bed and pumps were installed to remove excess water.

Entries (near-horizontal tunnels) which are turned off the main slope on the strike of the seam are driven in pairs. One is called the "gangway" and is used for haulage purposes. The other is called the "counter" and is driven 40 to 60 feet above the gangway (as measured along the slope of the bed). It functions as a travel way for the return of air. Where an air course crosses a haulageway, it is carried overhead in an airtight and fire-proof tunnel called an "overcast" which is usually shot out of the roof and floored with reinforced concrete.

In coal mining practice in this state, chutes were driven up dip from the haulageways or gangways for the purpose of extracting coal between the different levels which were usually spaced 200 to 400 feet apart. The term "chute" was used for passageways not over 12 feet wide. When these passageways



Main underground features of a coal mine (after Green, 1947). Arrows indicate direction of air travel.

exceeded 12 feet in width they were called "rooms" or "breasts". The terms "room" and "breast" are synonymous, breast being used for steeper dipping seams, and room for the seams with low dip angles. Coal was moved by gravity down chutes to the gangway as it was mined. Adjacent chutes were connected at 50 or 60 foot intervals by horizontal tunnels called "crosscuts" which were necessary for ventilation. The chutes were driven up the inclination of the coal bed until they reached the barrier pillar or "chain pillar". Chain pillars were left for protective purposes between the top of the chutes and the level above. In the case of the first level chain pillars were left between the top of the chutes and the ground surface. When gangways, chutes, and crosscuts (collectively called development work) were completed, the block of coal or "pillars" outlined by the chutes and crosscuts were mined out. Modifications of the chute and pillar, breast and pillar, and room and pillar methods were occasionally used. Evans (1912) described the various methods of underground mining employed in western Washington, particularly in King County. For a more complete description of these methods the reader is referred to his section on coal mining methods.

In areas of steep dip, coal development is conducted from rock tunnels crossing a number of beds. Rock slopes (inclined tunnels in rock) are sometimes driven to intersect another seam to allow development to continue, especially when a fault is encountered. Shaft mining was rarely used in Washington, since there are few occasions where flat dips predominate.

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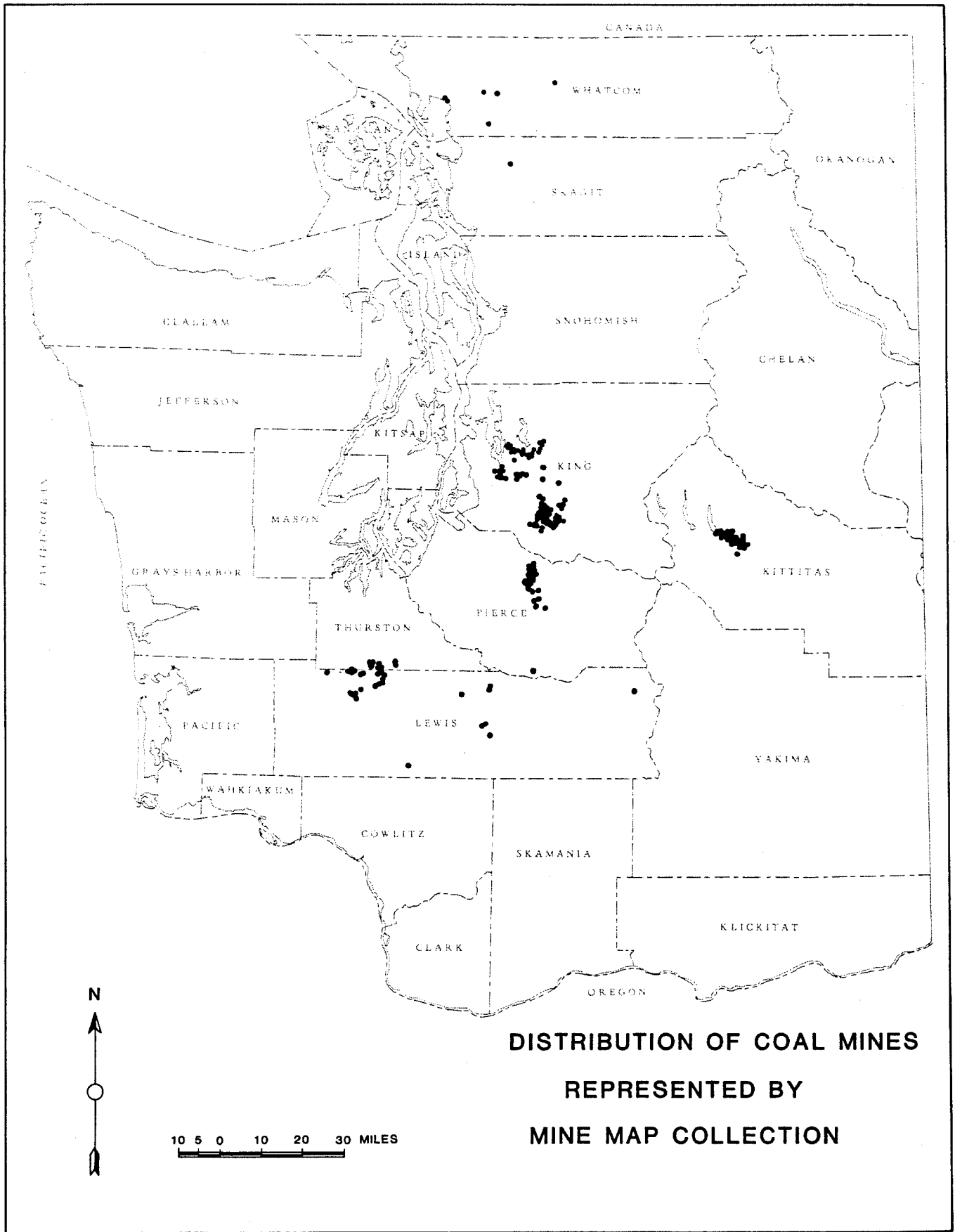
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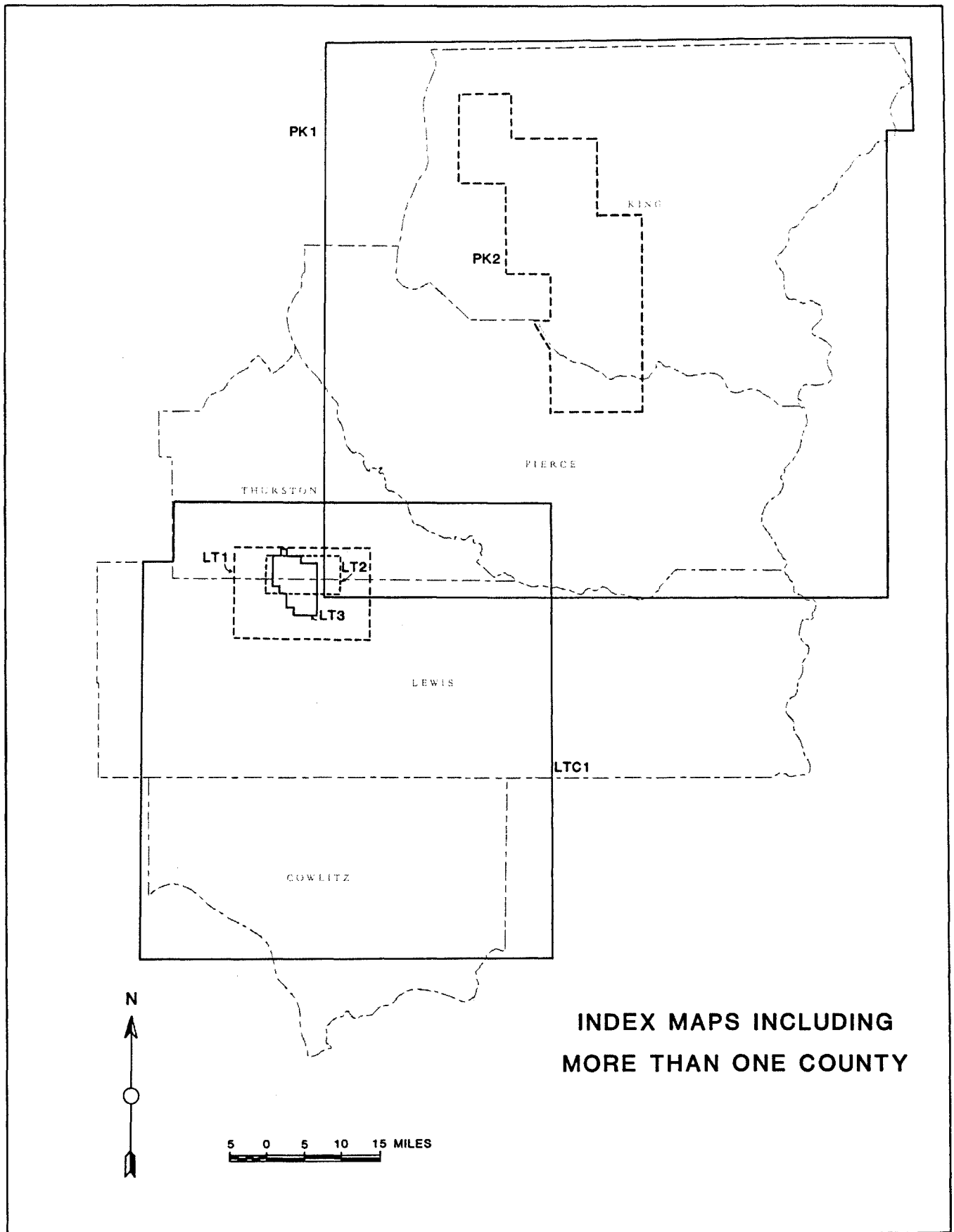
EXPLANATION OF INDEX MAPS

The coal mines represented in the mine map collection are identified in the catalog directory by an index number that corresponds to a location map showing the approximate extent of workings of that mine. It is important to note that the areas shown on the index maps do not necessarily show the total extent of underground mine workings, but are intended to show their approximate extent on the basis of map records in our collection. The outline of each mine area, corresponding to a specific index number, represents the best judgment on the part of the compilers of the directory as to the extent of that mine's underground workings.

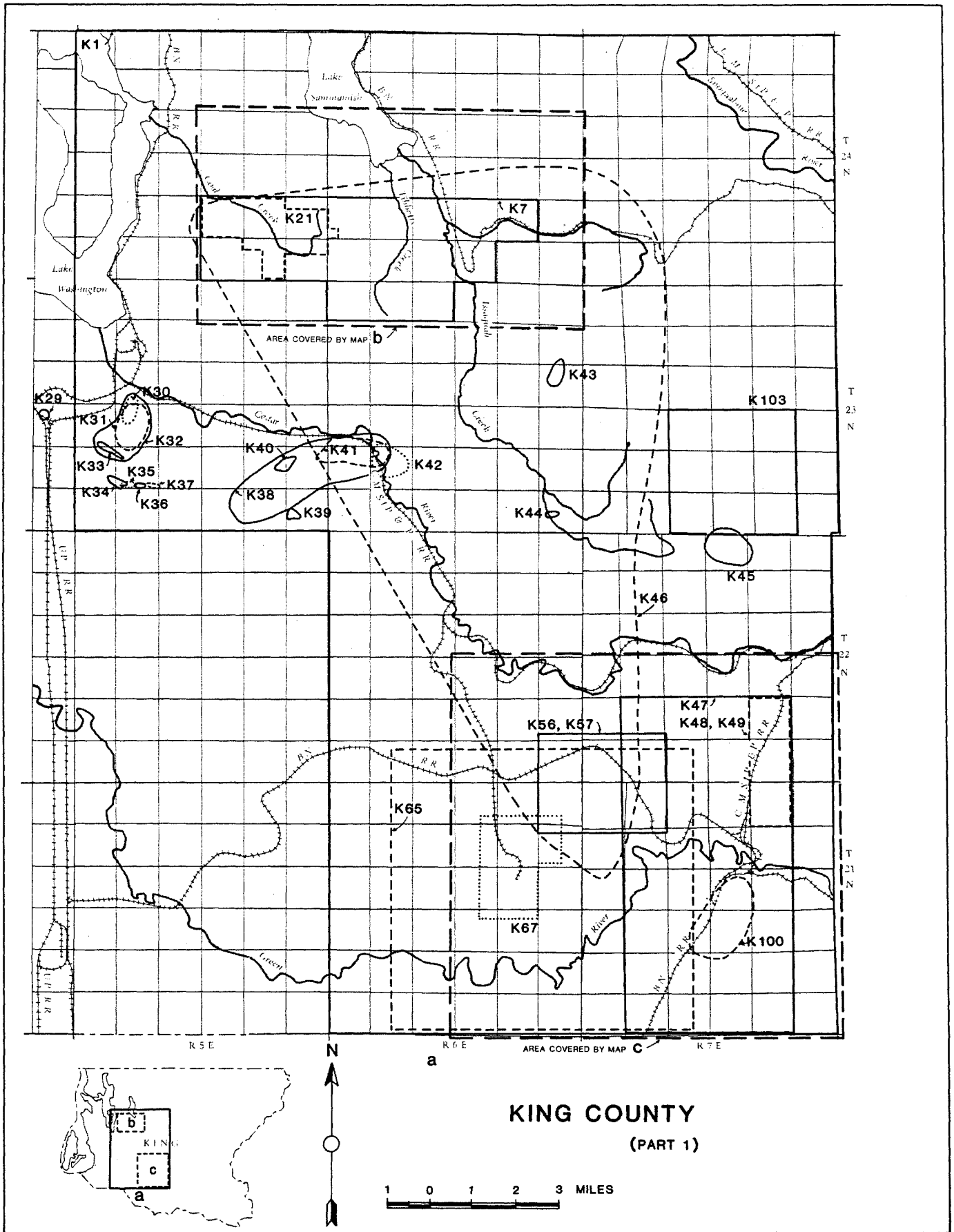
In some instances, some of the index map areas corresponding to a particular mine will extend into land sections that are not identified in the Location column of the catalog. In such cases, the mine workings will have appeared on map records of the adjacent mines. An attempt has been made to cross-reference the adjacent mine in the catalog description of the mine in question.

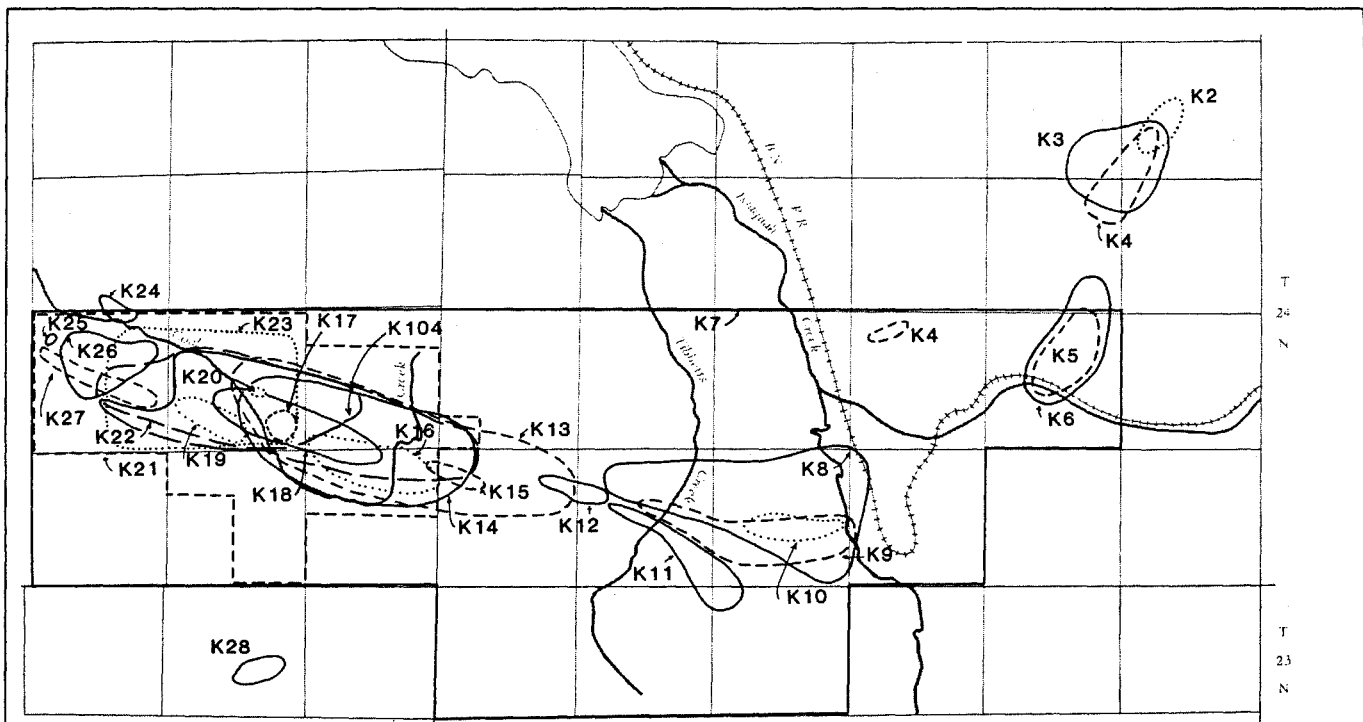
There are a few instances where workings were developed beyond those shown for a given mine area, but which only appear on a composite map showing the workings of several mines. These composite maps are likely to postdate the latest mine map record for the given individual mine. In such cases the composite mine map will be cross-referenced to the individual mine listing in the catalog by a notation in the Details column.



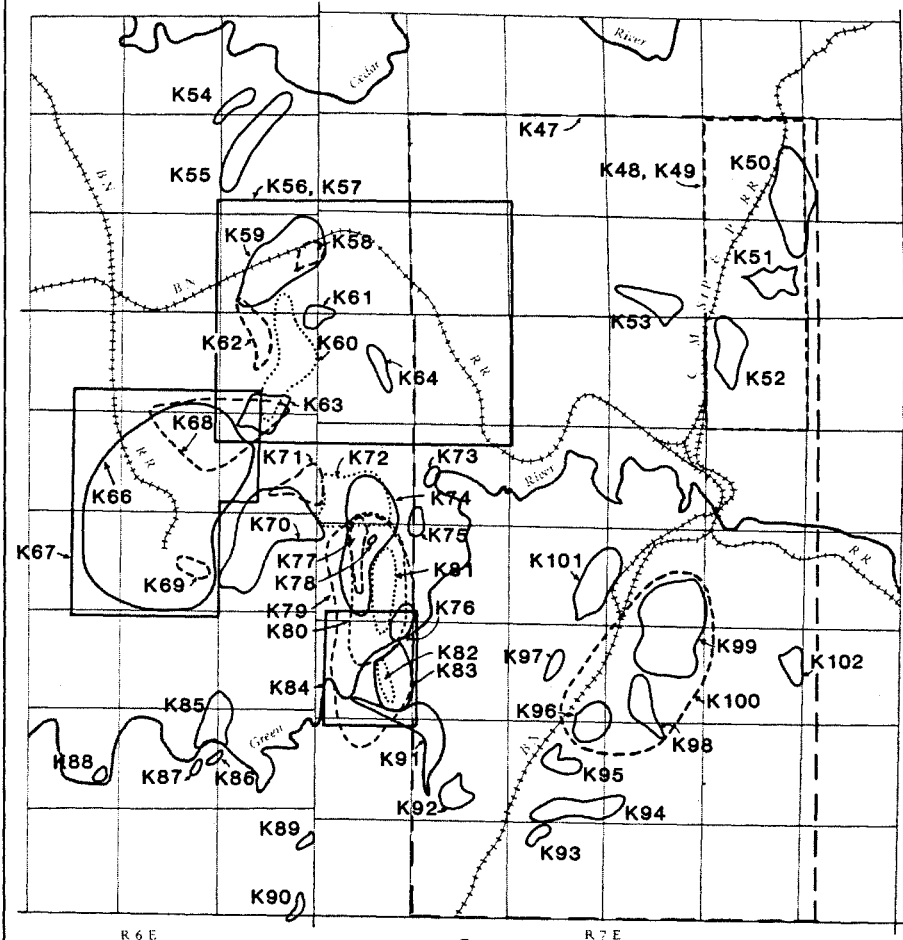


**INDEX MAPS INCLUDING
MORE THAN ONE COUNTY**

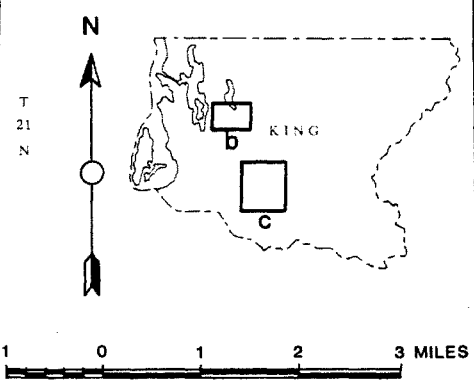


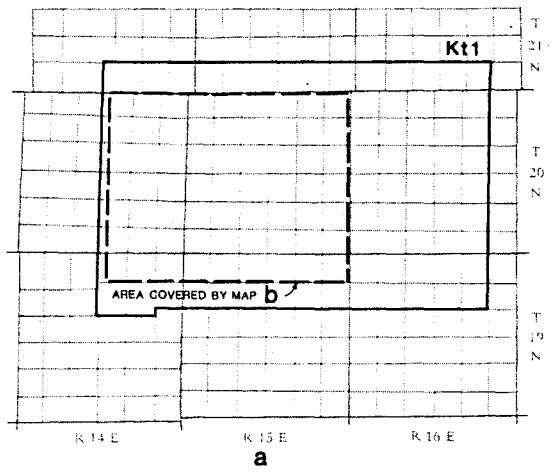
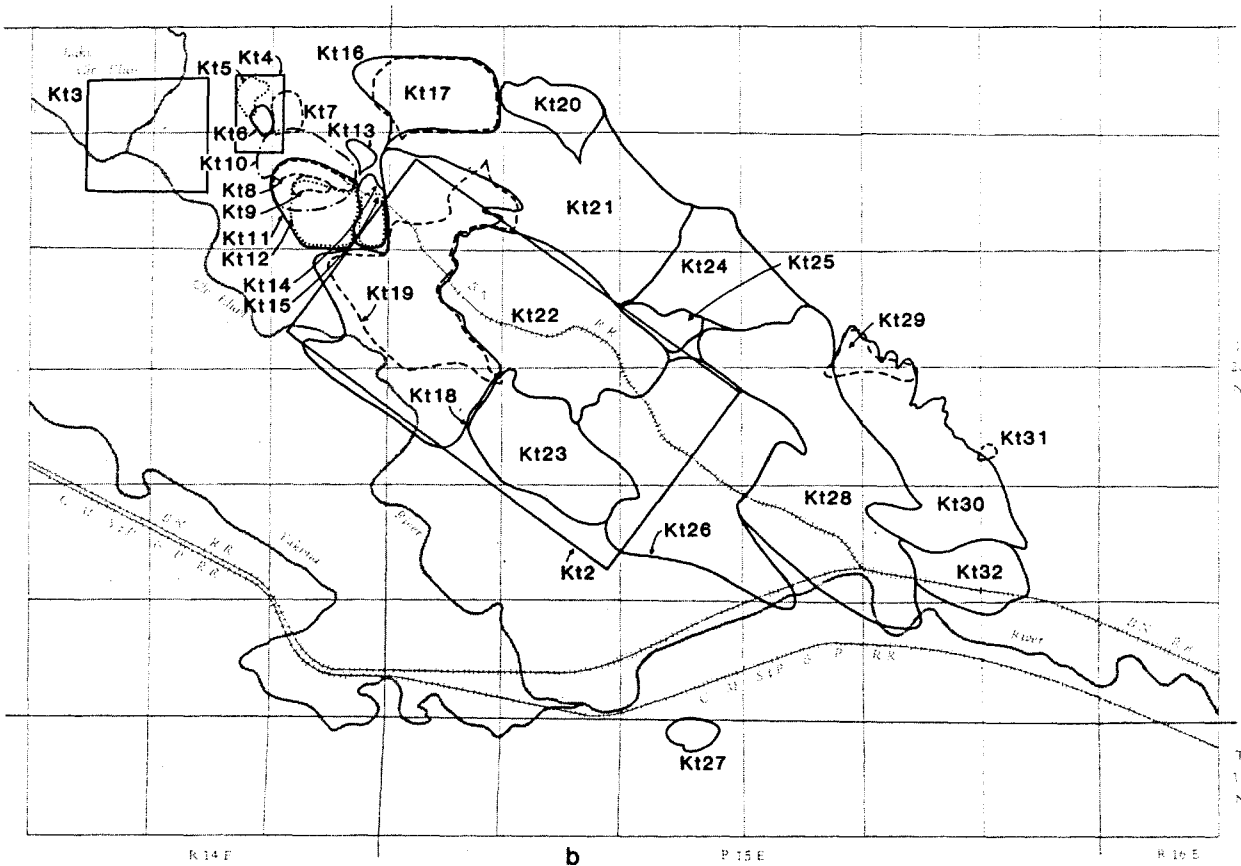


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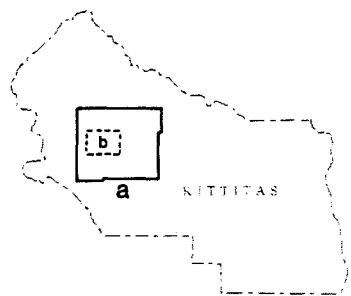


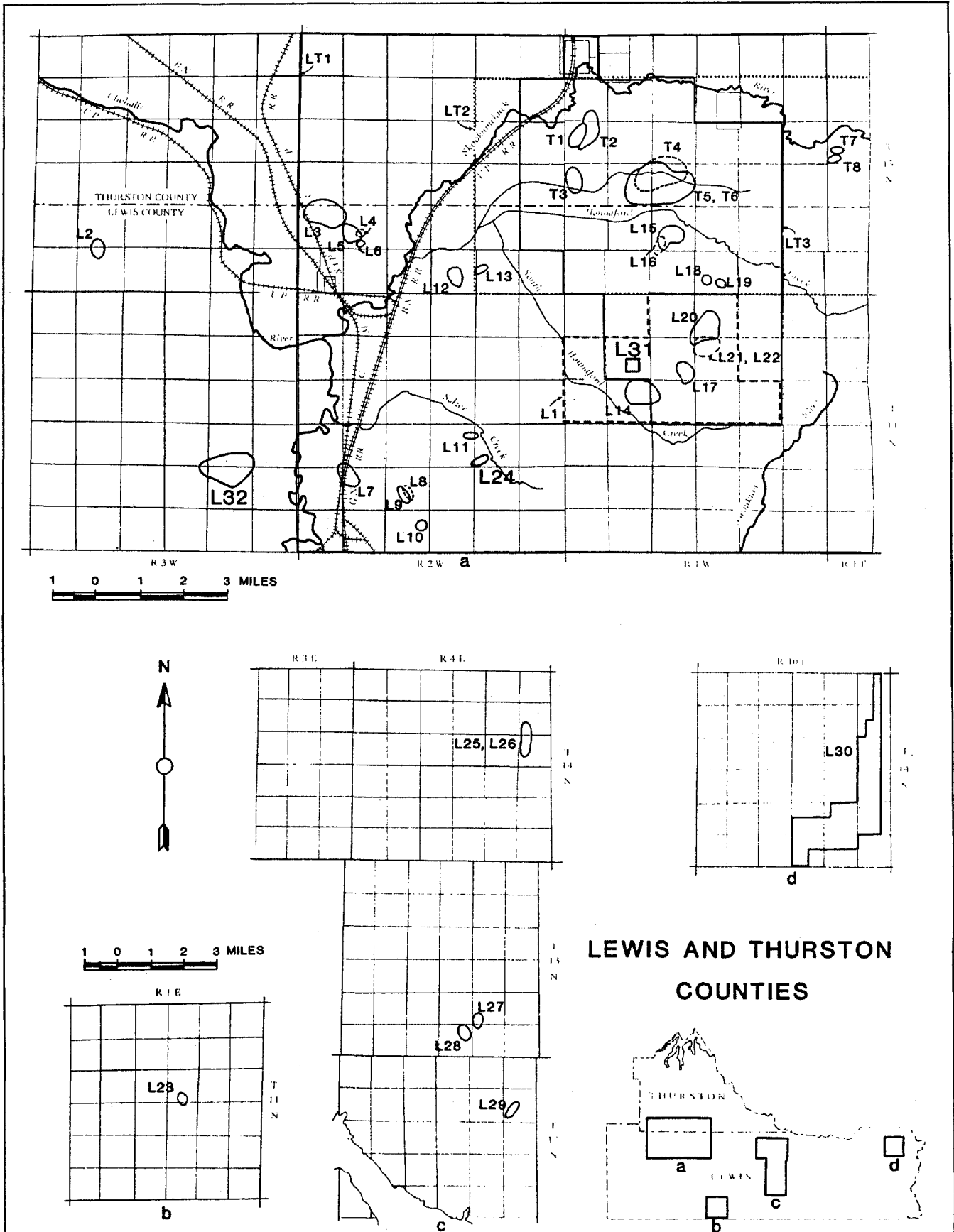
KING COUNTY
(PART 2)

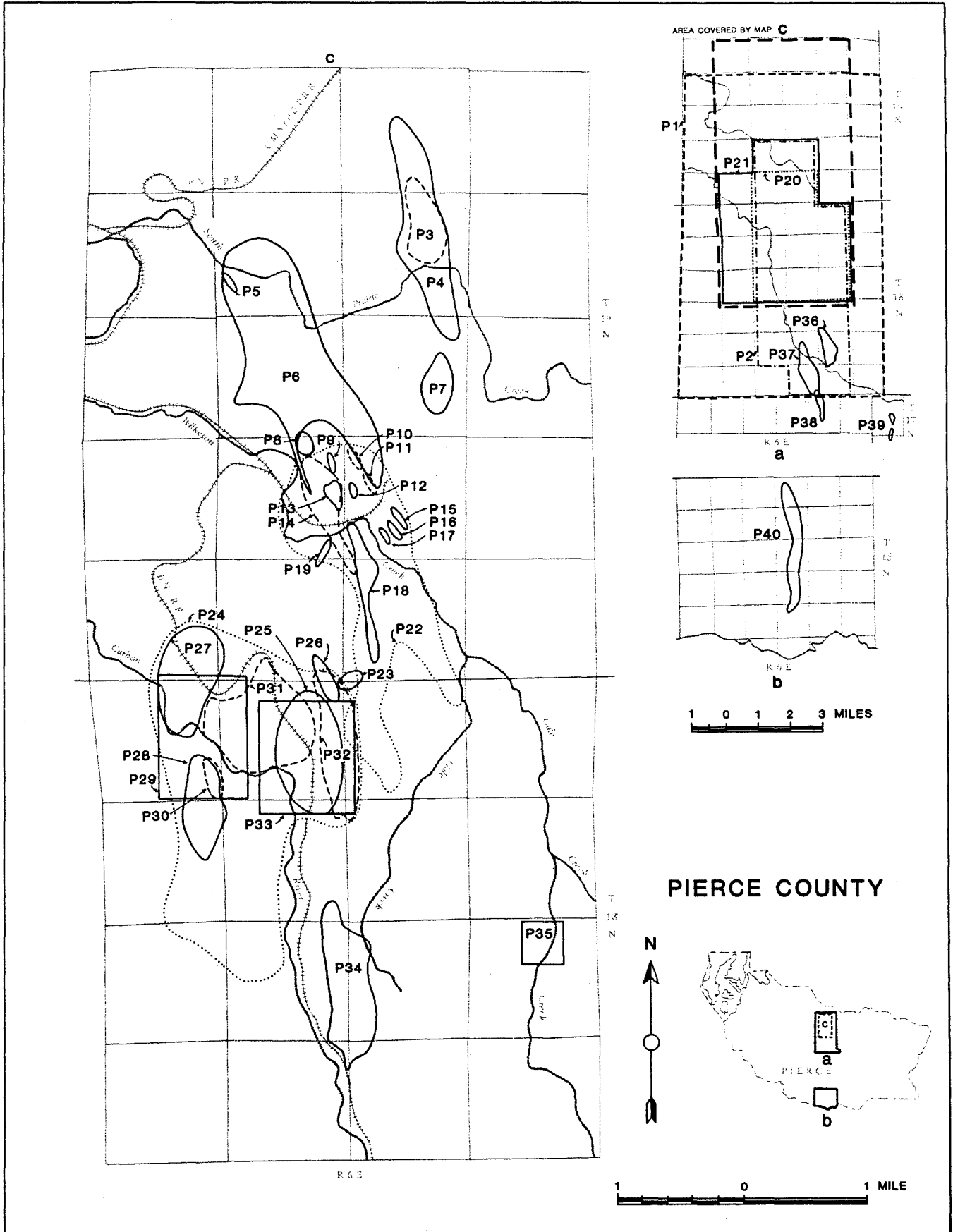


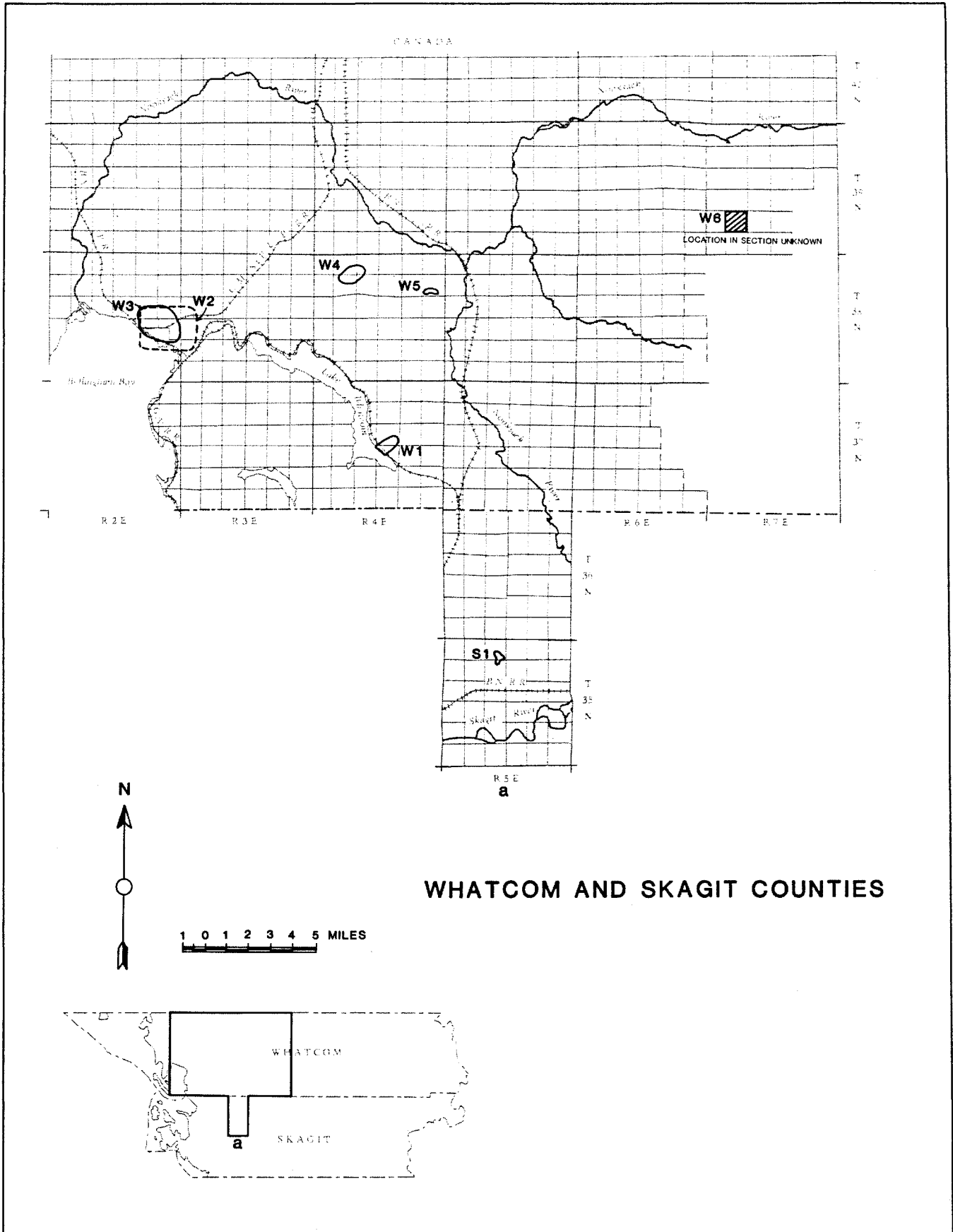


KITTITAS COUNTY









WHATCOM AND SKAGIT COUNTIES

KING

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K1	Many secs, (see map) Tps. 20-24 N., Rs. 5-7 E.	<u>NORTHWESTERN IMPROVEMENT CO.'S COAL AND LAND HOLDINGS, KING COUNTY: Northwestern Improvement Co. (N.W.I. Co.)</u>		1928	1:48,000	1 bluln	I-1	microfilm reel 1 - - - -
K2	Sec. 13 (24-6E)	<u>UNITED STATES COAL CO. MINE: United States Coal Co.</u>		1910	1:3600	1 blupt	I-10	- - - -
K3	Secs. 13, 14, 23, 24 (24-6E)	<u>BLACK NUGGET MINE: Northwestern Improvement Co.; Black Nugget Coal Co. *</u>		1938	1:1200	1 pencil	II-6, II-7	mylar, mapbook
		A. Map showing survey at Black Nugget mine. Note: copied from map in office of State Mine Inspector, Seattle, Wa., 1/26/44 by Hans Norbistrath, U.S.G.S.	Roads, buildings, elevations; mine workings. Shows location of <u>Reynolds workings</u>	1938	1:1200	2 blupt		
		B. Map showing survey at Black Nugget mine	Roads, buildings, elevations; mine workings. Copy 2 has more penciled on information but no new date.	1938	1:1200	1 blupt 1 blkin		
		C. Map showing survey at Black Nugget mine *	Roads, buildings, elevations; mine workings	1939	1:1200	1 blupt 2 bluln 1 blkin		
		D. Map showing development in parts of secs. 13, 14, 23 and 24, T. 24 N., R. 6 E., vicinity of Issaquah, King County, Wa.	Roads, RR tracks, buildings, elevations; mine workings, cross sections. Also shows <u>Issaquah Coal Co. strip mine, Reynolds Coal Co. slope and Black Nugget Coal Co. mine</u>	1945	1:1200			
K4	Secs. 13, 14, 22-24 (24-6E)	<u>REYNOLDS COAL CO. MINE; BLACK NUGGET COAL CO. MINE: Reynolds Coal Co.; Black Nugget Coal Co. *</u>		1934	1:1200	1 blupt	II-5	105 mm, mylar, mapbook
		A. Map for Reynolds Coal Co.	Roads, buildings; mine workings	1935	1:1200	1 blupt		
		B. Reynolds Coal Co.	Roads, buildings, elevations; mine workings	1936	1:1200	1 blupt		
		C. Reynolds Coal Co. map showing survey locating workings in relation to different royalty areas	Roads, buildings, elevations; mine workings, columnar sections	1936	1:1200	1 blupt		
		D. Reynolds Coal Co.	Roads, buildings, elevations; mine workings	1939	1:1200	1 blupt		
		E. Map showing survey locating workings in relation to different royalty areas in secs. 13, 14, 23 and 24, T. 24 N., R. 6 E. *	Buildings, elevations; mine workings	1940	1:1200	1 blupt 1 pencil		
		F. Map of Reynolds Coal Co. and Black Nugget Coal Co. *	Roads, buildings; mine workings					
K5	Secs. 23, 26 (24-6E)	<u>GRAND RIDGE MINE: Central Coal Co.</u>		1911	1:600	1 bluln 1 sepia	II-21, II-22, II-23	105mm, mylar, mapbook
		A. Progress map, no. 1 seam	Elevations, mine workings	1914	1:1200	1 bluln 1 sepia		
		B. Map of no. 1 vein	RR tracks, buildings, streams, elevations, contours; mine workings	1919	1:600	1 mylar tracing		
		C. Progress map, no. 1 vein. Note: traced by D. Carter, 1/25/72	Elevations, mine workings					

* indicates mining company ownership

KING - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K5	Secs. 23, 26 (24-6E)	<u>GRAND RIDGE MINE: Central Coal Co.—Continued</u>					II-21, 105mm,	mylar, mapbook
		D. Progress map of no. 1 vein	Elevations; mine workings	1920	1:600	1 bluln 1 sepia	II-22,	
		E. Progress map of no. 2 vein, second level	Elevations; mine workings, columnar sections	1910	1:600	1 bluln 1 sepia	II-23	
		F. Mine map of no. 2 vein	RR tracks, buildings, streams, elevations, contours; mine workings	1914	1:1200	1 bluln 1 sepia		
		G. Progress map of no. 3 vein	Elevations; mine workings, columnar sections	1912	1:600	1 bluln 1 sepia		
		H. Mine map of no. 3 vein	RR tracks, buildings, streams, elevations, contours; mine workings	1914	1:1200	1 bluln 1 sepia		
		I. Progress map of vein no. 3 for year ending Dec. 31, 1919	Elevations; mine workings	1920	1:600	1 bluln 1 sepia		
		J. Progress map of no. 7 vein	Elevations; mine workings, cross sections	1911	1:600	1 bluln 1 sepia		
		K. Mine map of no. 7 vein	RR tracks, buildings, streams, elevations, contours; mine workings	1914	1:1200	1 bluln 1 sepia		
		L. Progress map of no. 7 vein	Elevations; mine workings	Feb., 1919	1:600	1 bluln 1 sepia		
		M. Progress map of no. 7 vein for year ending Dec. 31, 1919	Elevations; mine workings	Dec., 1919	1:600	1 bluln 1 sepia		
		N. Progress map of no. 7 vein	Elevations; mine workings	1920	1:600	1 bluln 1 sepia		
		O. Progress map of no. 8 vein	Elevations; mine workings, cross sections	1913	1:600	1 bluln 1 sepia		
		P. Progress map of no. 9 vein. Note: traced by D. Carter, 1/28/72	Elevations; mine workings	1919	1:600	1 mylar tracing		
		Q. Mine map, Grand Ridge mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1917	1:2400	1 bluln 1 sepia		
		R. Mine map, Grand Ridge mine	RR tracks, buildings, elevations, contours; mine workings	1920	1:1200	1 blupt 1 bluln 1 sepia		
		S. Stratigraphic relationship of coal beds mined in the Grand Ridge area	Elevations; cross sections	1957	1:1200	1 bluln		
T. Grand Ridge mine, cross section of measures. Note: traced from blueprint by Hans Norbistrath, U.S.G.S.	Cross sections	1910	1:96	1 blkln tracing				
K6	Secs. 23, 26 (24-6E)	<u>GRAND RIDGE MINE (B. AND R. MINE): B. and R. Coal Co.</u>					II-24, 105mm,	mylar, mapbook
		A. B. and R. Coal Co., Grand Ridge	RR tracks, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 blupt		
		B. B. and R. coal mine, Grand Ridge	RR tracks, elevations; mine workings	1938	1:1200	1 blupt		
		C. B. and R. coal mine, Grand Ridge	Roads, RR tracks, buildings, elevations; mine workings	1939	1:1200	1 blupt		
		D. B. and R. coal mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1940	1:1200	1 blupt		
		E. B. and R. coal mine	Roads, RR tracks, streams, elevations; mine workings	1941	1:1200	1 blupt		
		F. B. and R. coal mine, Grand Ridge	Roads, RR tracks, buildings, elevations; mine workings	1942	1:1200	1 blupt		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K7	Secs. 4-6 (23-6E)	<u>NEWCASTLE-ISSAQUAH MINES COMPOSITE</u> : Pacific Coast Coal Co. (P.C.C. Co.)					VII-1	- - - -
	secs. 25-27, 34-36 (24-5E)	A. Map of Newcastle coalfield	Elevations; mine gangways, columnar sections	1916	1:6000	1 blupt		
	secs. 26-34 (24-6E)	B. Map of Newcastle-Issaquah mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections, cross sections	1923	1:6000	1 blupt		
		C. Newcastle mine composite—also Newcastle mines	Roads, RR tracks, buildings, streams, elevations; mine workings, cross sections	1924	1:1200	1 blupt		
		D. Map of Newcastle-Issaquah mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections, cross sections	1929	1:6000	2 blupt		
		E. Map of Newcastle-Issaquah mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections, cross sections. This map is the same as Map D. with additional pencil notations	later in 1929	1:6000	1 blupt		
K8	Secs. 25, 36 (24-5E) secs. 26-34 (24-6E)	<u>ISSAQUAH MINE</u> : Issaquah and Superior Coal Mining Co., Ltd.					VI-16	105mm, mylar, mapbook, mylar composite
	A. Property map of the Issaquah and Superior Coal Mining Co. showing extent of Issaquah mine workings and portions of the adjoining properties also showing extent of workable coal area, geological details of coal beds, datum planes of various coal beds, and tonnage tables.	RR tracks, buildings, streams, elevations, columnar sections. Includes <u>Grand Ridge mine</u> on east and <u>Old Coal Creek mine</u> on west. Note: (map) by George Watkin Evans, consulting engineer and geologist	1912	1:4800	1 blkln			
K9	Secs. 4, 5 (23-6E) secs. 32-34 (24-6E)	<u>ISSAQUAH MINE</u> : Pacific Coast Coal Co.					VI-16, VI-17, VI-18	105mm, mylar, mapbook
		A. Mine map (not labeled)	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. All workings of mine in outline, with Bagley workings in detail. Shows location of faults	June, 1919	1:1200	3 bluln 1 sepia		
		B. Issaquah mine, lower Bagley no. 1 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	Feb., 1919	1:1200	1 bluln 1 sepia		
		C. Issaquah mine. Also shows Harris-Richmond mine, old McQuade mine and Bagley no. 2 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections	1923	1:1200	1 blupt		
		D. Map of Issaquah mine, no. 1 Bagley seam (with pencil corrections on no. 2 gangway and no. 3 seam)	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Includes <u>McQuade prospect</u> and beginning of <u>Bianco-Queen mine</u>	1923	1:1200	1 bluln		
		E. Map of Issaquah mine, no. 1 Bagley seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1923	1:1200	1 blupt		
	F. Map of Issaquah mine, May Creek seam. Also shows survey in sec. 32 along Tibbets Creek and McQuade prospect	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1923	1:1200	1 blupt 2 bluln 1 ink on mylar			

KING - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K9	Secs. 4, 5 (23-6E) secs. 32-34 (24-6E)	<u>ISSAQUAH MINE: Pacific Coast Coal Co.—Continued</u>					VI-16, VI-17, VI-18	105mm, mylar, mapbook
		G. Map of Issaquah mine, Muldoon seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections	1923	1:1200	1 blupt 1 bluln		
		H. Issaquah mine, plan showing rock tunnels from Bagley no. 2 to Bagley no. 1 and from Bagley no. 1 to May Creek—water level gangways	Mine workings	1918	1:360	2 bluln 2 sepia		
		I. Newcastle-Issaquah, Pacific Coast Coal Co.	Mine workings, (unidentified tracing) plan of gangways	1918	1:4800	1 ink on mylar		
		J. Pacific Coast Coal Co. Issaquah mine (land survey of mine area and gangways)	RR tracks; mine workings. Survey on RR right of way in NE corner of secs. 33 and 34	no date	1:6000	1 bluln		
		note: Map G. of K11, <u>Harris-Richmond coal mine</u> (tube no. II-8) is a good composite of the Issaquah mines, showing old and new <u>Issaquah</u> workings and the <u>Harris-Richmond mine</u>						
K10	Secs. 4, 5 (23-6E) secs. 32-34 (24-6E)	<u>ISSAQUAH MINE: B. and R. Coal Co.</u>					VII-5	105mm, mylar, mapbook
		A. Map of Issaquah mine no. 1, Bagley seam (maps A. through E. also show May Creek upper and second levels)	Streams, elevations; mine workings	1942	1:1200	1 blupt		
		B. Map of Issaquah mine no. 1, Bagley seam	Streams, elevations; mine workings	1945	1:1200	1 blupt		
		C. Map of Issaquah mine no. 1, Bagley seam	Streams, elevations; mine workings	1947	1:1200	2 blupt		
		D. Map of Issaquah mine no. 1, Bagley seam	Streams, elevations; mine workings	1949	1:1200	2 bluln		
		E. Map of Issaquah mine no. 1, Bagley seam	Streams, elevations; mine workings	1951	1:1200	1 bluln		
		F. (Issaquah mines)	Elevations, contours; lines marking positions of cross sections, cross sections not shown	no date	1:6000	1 pencil and crayon		
K11	Secs. 4, 5 (23-6E) secs. 32-34 (24-6E)	<u>HARRIS-RICHMOND COAL MINE: Pacific Coast Coal Co.; Harris Coal Co. *</u>					II-7, II-8	105mm, mylar, mapbook, mylar composite
		A. Harris-Richmond coal mine	Roads, streams, elevations; mine workings	1930	1:1200	1 blupt 2 bluln 2 sepia		
		B. Map showing locations of workings in Harris Coal Co. mine *	Mine workings	1932	1:1200	1 blupt		
		C. Map showing location of workings in Harris Coal Co. mine *	Mine workings	1934	1:1200	1 blupt		
		D. Map showing survey in Harris Coal Co. mine and relative location of different royalty areas from which coal is recovered *	Elevations; mine workings, columnar sections	1935	1:1200	1 blupt		
		E. Map showing survey in Harris Coal Co. mine and relative location of different royalty areas from which coal is recovered *	Elevations; mine workings, columnar sections	1936	1:1200	1 blupt		
		F. Map showing survey in Harris Coal Co. mine and relative location of royalty areas from which coal is recovered *	Elevations; mine workings, columnar sections	1937	1:1200	1 blupt		
		G. "Copied from supplemental sheet—Harris Coal Co. mine"—tracing from Evans report, not a mine map	Roads, streams, elevations; mine workings. Shows detail of Harris-Richmond mine in relation to Issaquah mine workings	1937	1:6000	1 ink on mylar 1 blkln		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K11	Secs. 4, 5 (23-6E) secs. 32-34 (24-6E)	HARRIS-RICHMOND COAL MINE: Pacific Coast Coal Co.; Harris Coal Co. * - Continued		1933	1:1200	1 blu/n 1 sepia 1 pencil	II-7, II-8	105mm, mylar, mapbook, mylar composite
		H. Map showing location of workings in Harris Coal Co. mine. Note: traced from blueprint by Hans Norbistrath, U.S.G.S., 2/5/44 (Dolly Varden seam)	Elevations; mine workings					
K12	Secs. 31-32 (24-6E)	QUEEN NO. 1 MINE: Bianco Coal Co.		1932	1:1200	1 blupt	II-14, II-15, II-16	105mm, mylar, mapbook, mylar composite
		A. Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, RR tracks, buildings, streams, elevations, contours; mine workings					
		B. Map of Queen no. 1 mine, upper and lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings					
		C. Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, buildings, streams, elevations, contours; mine workings					
		D. Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, RR tracks, buildings, streams, elevations, contours; mine workings					
		E. Map of Queen no. 1 mine, upper and lower seams	Roads, RR tracks, buildings, streams, elevations, contours; mine workings					
		F. Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, buildings, streams, elevations, contours; mine workings					
		G. Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, RR tracks, buildings, streams, elevations, contours; mine workings					
		H. Map of Queen no. 1 mine, no. 2 or upper Bagley seam	Roads, buildings, streams, elevations, contours; mine workings					
		I. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings					
		J. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam					
		K. Map of Queen no. 1 mine, no. 2 or upper Bagley	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam					
		L. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam					
		M. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam					
		N. Map of Queen no. 1 mine, no. 2 or upper Bagley seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam					
O. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam							
P. Map of Queen no. 1 mine, no. 1 or lower Bagley seam	Roads, buildings, streams, elevations, contours; mine workings							

KING - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K12	Secs. 31-32 (24-6E)	<u>QUEEN NO. 1 MINE: Bianco Coal Co. - Continued</u>					II-14, II-15, II-16	105mm, mylar, mapbook, mylar composite
		Q. Map of Queen no. 1 mine, no. 1 or lower Bagley seam and May Creek seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows Muldoon seam, west end of Harris and Issaquah mines	1944	1:1200	1 blupt		
		R. Map of Queen no. 1 mine, no. 1 or lower Bagley seam and May Creek seam (lower Bagley on west end of Muldoon gangway dashed in)	Roads, buildings, streams, elevations, contours. Also shows part of lower Bagley of Issaquah mine and Dolly Varden seam of Harris mine	1953	1:1200	1 blkln		
		S. Map of Queen no. 1 mine, no. 2 or upper Bagley seam and Muldoon seam	Roads, streams, elevations, contours; mine workings. Also shows May Creek seam	1943	1:1200	1 blupt		
		T. Map of Queen no. 1 mine, no. 2 or upper Bagley seam and Muldoon seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam	1944	1:1200	1 blupt		
		U. Map of Queen no. 1 mine, no. 2 or upper Bagley seam and Muldoon seam	Roads, buildings, streams, elevations, contours; mine workings. Also shows May Creek seam	1953	1:1200	1 blkln		
K13	Secs. 25, 26, 35, 36 (24-5E) secs. 30, 31 (24-6E)	<u>PROJECTION OF COAL SEAMS EAST OF COAL CREEK</u>					I-8	----
		A. Map showing strike of coal veins in sec. 31, T. 24 N., R. 6 E.	Roads, streams, elevations; outcrops and No. 2 seam water level gangway	1898	1:1200	2 blkln		
K14	Secs. 25, 26, 35, 36 (24-5E) secs. 30, 31 (24-6E)	<u>STRATIGRAPHY OF COAL SEAMS ALONG COAL CREEK</u>					I-7	----
		A. Map of coal veins on Coal Creek from surveys made Dec. 1894-Jan. 1895	Roads, buildings, streams, elevations; water level gangway and worked out line, line of cave holes and site of air shaft, strike of coal veins	1895	1:3600	2 blkln		
		B. Map of coal veins on SE½ sec. 25 and NE½ sec. 36, T 24 N, R 5 E, Coal Creek., corrected to conform with latest survey made Feb., 1895. Sections of coal seams along Coal Creek	Roads, streams, elevations; columnar sections. Copy 1 identifies no. 3, upper Bagley, lower Bagley and Muldoon in red pencil. Scale of coal measures: 1:72	1895	1:960	2 blkln		
		C. Map of coal veins, Coal Creek	Roads, streams, elevations; stratigraphic sections. Scale of coal measures: 1:72	1898	1:960	2 blkln		
K15	Secs. 25, 36 (24-5E) secs. 31, 32 (24-6E)	<u>NEW SLOPE MINE: B. and R. Coal Company</u>					VII-6	105mm, mylar composite
		A. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings	1956	1:1200	1 bluln		
		B. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings	1956	1:2400	1 photo		
		C. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings	Mar., 1957	1:1200	1 bluln		
		D. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings	Oct., 1957	1:1200	1 bluln		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K15	Secs. 25, 36 (24-5E) secs. 31, 32 (24-6E)	<u>NEW SLOPE MINE: B. and R. Coal Co.—Continued</u>					VII-6	105mm, mylar composite
		E. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings, cross sections	1958	1:1200	1 bluln		
		F. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings, cross sections	1959	1:1200	1 bluln		
		G. Map of the B. and R. New Slope mine and showing lower Bagley seam workings (of P.C.C. Co.)	Streams, elevations, contours; mine workings, cross sections	1962	1:1200	1 bluln		
K16	Secs. 25, 36 (24-5E)	<u>COAL CREEK MINE: Pacific Coast Coal Co. (old workings in vicinity of Nike site)</u>					I-14	105mm, mylar composite
		A. Coal Creek mine No. 1 vein (probably equals workings on upper and lower Bagley at new Coal Creek)	Roads, buildings, streams, elevations; mine workings	1901	1:1200	1 bluln 1 sepia		
		B. No title—Coal Creek no. 2 vein, Klondyke Slope written on outside of map	Streams, elevations; mine workings—main tunnel, west and east counter gangway	1903	1:1200	1 bluln 1 sepia		
		C. Working map of no. 3 vein—Coal Creek	Mine workings	1906	1:1200	1 bluln 1 sepia		
K17	Secs. 25, 26 (24-5E)	<u>MAIN SLOPE MINE IN LOWER COAL CREEK: Pacific Coast Coal Co.</u>					I-11	105mm, mylar, mapbook
		A. Coal Creek mine prospects, no. 4 seam (east of Ford slope)	Roads, streams, elevations; columnar sections	1915	1:360	1 bluln 1 sepia		
K18	Secs. 25-27, 36 (24-5E)	<u>NEWCASTLE MINE: Strain Coal Co. workings in vicinity of Ford slope (Coal Creek)</u>					VII-3	105mm, mylar, mapbook
		A. Strain Coal Co., Coal Creek (Newcastle mine—Strain Coal Co. workings in vicinity of Ford slope)	Roads; mine workings. Also shows Muldoon, no. 3 and no. 4 workings	1934	1:1200	1 blupt		
		B. Coal Creek mine	Roads; mine workings. Also shows Muldoon, no. 3 and no. 4	1935	1:1200	1 blupt		
		C. Strain Coal Co., Coal Creek (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, elevations; mine workings. Shows no. 3, no. 4 and Muldoon in relation to old P.C.C. Co. workings	1936	1:1200	1 blupt		
		D. Strain Coal Co., Coal Creek (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, elevations; mine workings. Shows no. 3, no. 4 and Muldoon in relation to old P.C.C. Co. workings	1937	1:1200	1 blupt		
		E. Coal Creek mine (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, elevations; mine workings. Shows no. 3, no. 4, Bagley and Muldoon. Old P.C.C. Co. Ford slope workings dotted in	1938	1:1200	2 blupt		
		F. Map of Newcastle mine (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, elevations; mine workings. Also shows old P.C.C. Co. workings, Muldoon, Bagley, no. 3 and no. 4	1939	1:1200	1 blupt		
		G. Map of Newcastle mine (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, buildings, elevations; mine workings. Also shows Bagley, Muldoon, no. 3, no. 4 and old workings dashed in	1940	1:1200	1 blupt		
		H. Map of Newcastle mine (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, buildings, elevations; mine workings—surface stripping, outcrop workings. Underground mines located—all closed	1942	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K18	Secs. 25-27 (24-5E)	<u>NEWCASTLE MINE: Strain Coal Co. workings in vicinity of Ford slope (Coal Creek)- Continued</u>					VII-3	105mm, mylar, mapbook
		I. Bagley slope at Newcastle (Strain Coal Co.'s workings in vicinity of Ford slope)	Buildings, elevations; mine workings, cross sections in relation to different levels. Also old Bagley and Strain Muldoon level	1943	1:1200	1 blupt		
		J. Bagley slope at Newcastle (old Coal Creek mine area east of Ford slope)	Buildings; mine workings, cross sections in relation to different levels. Also old Bagley and Strain Muldoon level	1944	1:1200	1 blupt		
		K. Map of Newcastle mine (Strain Coal Co.'s workings in vicinity of Ford slope)	Roads, buildings, elevations; mine workings, May Creek, Bagley, no. 3, no. 4, old workings. Shows relation to P.C.C. Co. workings	1949	1:1200	1 blupt		
K19	Secs. 26, 27, 34 (24-5E)	<u>NEWCASTLE MINES: B. and R. Coal Co.</u>					VII-9	105mm
		A. B. and R. coal mine, Muldoon seam	Buildings; mine workings	1939	1:1200	1 blupt		
		B. B. and R. coal mine, Muldoon seam	Buildings, elevations; mine workings	1940	1:1200	1 blupt		
		C. B. and R. coal mine, Muldoon seam	Buildings; mine workings	1941	1:1200	1 blupt		
		D. B. and R. coal mine, Muldoon seam	Buildings, elevations; mine workings. Also shows Bagley seam	1942	1:1200	1 blupt		
		E. B. and R. coal mine, Muldoon seam	Buildings; mine workings. Also shows Jones, May Creek and Bagley seams	1946	1:1200	1 blupt		
		F. Underground workings of B. and R. Co.'s Newcastle mines	Elevations; mine workings. Also shows Jones, May Creek and Bagley seams	1947	1:1200	3 blupt		
		G. Underground workings of B. and R. Coal Co.'s Newcastle mines	Elevations; mine workings, pencil update on Jones seam. Survey into sec. 34 with Gladding-Mcbean prospect (117' tunnel)	1947	1:1200	1 blkln		
		H. B. and R. Coal Co.'s Newcastle mines, revised map 1949	Mine workings	1949	1:1200	2 bluIn		
		I. B. and R. Co.'s Newcastle mines	Mine workings	1951	1:1200	1 bluIn		
J. Newcastle mines, May Creek seam	Elevations, mine workings. Also shows Muldoon and Bagley seams	1951	no scale	1 bluIn				
K20	Sec. 26 (24-5E)	<u>NEWCASTLE MINES, NO. 3½ SEAM: B. and R. Coal Co.</u>					I-16	- - - -
		A. Newcastle mines no. 3½ seam (B. and R. mine on no. 3½ seam in vicinity of old Coal Creek main slope)	Roads, buildings, streams, Elevations; mine workings	1951	1:1200	1 blkln		
K21	Sec. 25-27, 35, 36 (24-5E) secs. 30 31 (24-6E)	<u>MAP OF NEWCASTLE AREA SHOWING COMPANY OWNERSHIP: Palmer Coking Coal Co.</u>					I-12	- - - -
		A. Map of Newcastle area showing company ownership	Roads, streams, elevations, contours; mine workings. Copy 1 shows strip pit and prospect cuts	1955	1:6000	1 bluIn 2 blkln		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K22	Secs. 25-27, 35, 36 (24-5E) secs. 30, 31 (24-6E)	NEWCASTLE MINE: Pacific Coast Coal Co.					VI-14, VII-4	105mm, mylar, mapbook, mylar composite
		A. Plan showing proposed drainage tunnel at Coal Creek mine (Ford slope)	Roads, RR tracks, buildings, elevations; mine workings	1917	1:1200	2 bluln 2 sepia		
		B. Map of Newcastle mine, no. 1 Bagley seam	Roads, RR tracks, buildings, streams; mine workings. Also shows Shoo Fly, Ragtime, Dolly Varden, May Creek, Muldoon, no. 3 and no. 4 seams	1923	1:1200	1 blupt		
		C. Map of Newcastle mine, lower Bagley seam	Mine workings	1929	1:1200	1 blupt		
		D. Map of Newcastle mine, no. 3 seam	Roads, RR tracks, buildings, streams, elevations; mine workings. Also shows workings on Muldoon, Bagley and no. 4 seams	1923	1:1200	1 blupt		
		E. Map of Newcastle mine, no. 4 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Also shows Bagley, Muldoon and no. 3 workings	1927	1:1200	1 blupt		
		F. Map of Newcastle mine, Muldoon seam	Roads, RR tracks, buildings, streams, elevations; mine workings. Town of Newcastle	1924	1:1200	1 blupt		
		G. Map of Newcastle mine, Muldoon seam	Roads, RR tracks, buildings, streams, elevations; mine workings. Newcastle	1925	1:1200	1 blupt		
		H. Map of Newcastle mine, Muldoon seam	Mine workings	1925	1:1200	1 blupt		
		I. Newcastle rock tunnel 4th level east lower Bagley to 4th level east Muldoon		1922	1:120	2 bluln 2 sepia		
		J. Plan-Primrose rock tunnel turnouts to no. 4 and Muldoon seams		1927	1:120	1 bluln 1 sepia		
K23	Many secs. (24-5E)	COAL CREEK COALFIELD: Feasibility study for Newcastle Hills Landfill					VII-12	- - - -
		A. Coal Creek coalfield-feasibility study for the Newcastle Hills landfill	Roads, RR tracks, buildings, streams, elevations, contours. Shows location of old mine tunnels	1969	1:1200	1 bluln		
		B. Coal Creek coalfield, cross sections-feasibility study for the Newcastle Hills landfill	Roads, streams, elevations; cross sections	1969	1:1200	1 bluln		
		C. Letter from Glen A. Boyd, consulting geologist, to Evan Morris		1969	n/a	1 letter		
K24	Secs. 22, 27 (24-5E)	NEWCASTLE KING COAL CO. MINE: Newcastle King Coal Co.					I-4	mylar, mapbook
		A. Map showing survey in relation to coal prospect situated on land owned by John Collins estate	Roads, RR tracks, streams, elevations; mine workings. Property survey only.	1935	1:2400	1 blkln		
		B. Map showing workings...operated by Newcastle King Coal Co. near old Newcastle	Buildings, streams, elevations; mine workings. (Tissue map in poor condition)	1938	1:1200	1 blkln		
		C. Newcastle King Coal Co.	Buildings, streams, elevations; mine workings	1939	1:1200	1 blupt		
		D. Newcastle King Coal Co.	Buildings, streams, elevations; mine workings	1940	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K25	Sec. 27 (24-5E)	<u>NEWCASTLE KING 4 COAL CO. MINE: King 4 Coal Co.</u>					I-5	----
		A. Map showing location of Newcastle King 4 Coal Co. workings. Also the relative position of these workings to the mined out area in old Newcastle mine	Roads, buildings, streams, elevations; mine workings	1933	1:1200	1 linen		
K26	Secs. 26, 27 (24-5E)	<u>NEWCASTLE COLLIERY (OLD NEWCASTLE): P.C.C. Co.</u>					I-13	105mm, mylar, mapbook
		A. Newcastle Colliery map showing the inside workings of the north split no. 2 vein (old Newcastle)	Elevations; mine workings. Printed by hand on map: no. 2 lower split no. 3 seam	1895	1:1200	1 bluln 1 sepia		
		B. Newcastle Colliery map showing the inside workings of the no. 3 vein (old Newcastle)	Mine workings	1895	1:1200	1 bluln 1 sepia		
		C. Newcastle Colliery map of no. 4 vein (old Newcastle, old workings)	Mine workings	1895	1:1200	1 bluln 1 sepia		
K27	Sec. 27 (24-5E)	<u>B. AND R. MINE AT NEWCASTLE IN THE RICHMOND-STANLEY TUNNEL: Richmond-Stanley Coal Co.*; B. and R. (Baïma and Rubitina) Coal Co.</u>					VII-10, VII-11	105mm, mylar, mapbook
		A. Map showing survey in Richmond-Stanley mine *	Roads, RR tracks, buildings, streams, mine workings (P.C.C. Co. lease)	Jan., 1932	1:1200	2 blupt		
		B. Map showing survey in B. and R. mine, lower split no. 3	Roads, RR tracks, buildings, streams; mine workings	July 1932	1:1200	1 blupt		
		C. Map showing survey in B. and R. mine, lower split no. 3	Roads, RR tracks, buildings, streams, elevations; mine workings	1933	1:1200	1 linen 1 blupt 1 bluln 1 sepia		
		D. Map showing survey in Baïma Rubitina mine, showing lower split no. 3 seam	Roads, RR tracks, buildings, streams, elevations; mine workings, columnar sections	1934	1:1200	1 blupt		
		E. Map showing survey in Baïma and Rubitina mine, showing lower split no. 3 seam workings and no. 4 seam survey and gangway	Roads, RR tracks, buildings, streams, elevations; mine workings	1935	1:1200	1 blupt		
		F. Map showing survey in Baïma and Rubitina mine, showing workings on lower no. 3 and no. 4 seam	Roads, RR tracks, buildings, streams, elevations; mine workings	1936	1:1200	1 blupt		
		G. Map showing survey in Baïma and Rubitina mine leased from P.C.C. Co. showing lower split no. 3 seam and no. 4 seam	Roads, RR tracks, buildings, streams, elevations; mine workings	1937	1:1200	1 blupt		
		H. Map showing survey in Baïma and Rubitina mine, showing workings in no. 4 seam and lower split no. 3 seam	Roads, streams; mine workings, columnar sections	1938	1:1200	1 blupt		
		I. Map showing survey in Baïma Rubitina mine, showing upper split no. 3 seam	Elevations; mine workings	1934	1:1200	1 blupt		
		J. Map showing survey in Baïma and Rubitina mine, showing upper split no. 3 seam	Elevations, mine workings	1935	1:1200	1 blupt		
		K. Map showing survey in Baïma Rubitina mine, showing upper split no. 3 seam workings	Mine workings	1936	1:1200	1 blupt		
		L. Map showing survey in Baïma Rubitina mine, showing upper split no. 3 seam	Roads, streams, elevations; mine workings	1937	1:1200	1 blupt		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K27	Sec. 27- S½ of N½ (24-5E)	<p><u>B. AND R. MINE AT NEWCASTLE IN THE RICHMOND-STANLEY TUNNEL:</u> Richmond-Stanley Coal Co. *; B. and R. (Bafma and Rubitina) Coal Co. — Continued</p> <p>M. Map showing survey in Baima and Rubitina mine, showing upper split no. 3 seam</p>		1938	1:1200	1 blupt	VII-10, VII-11	105mm, mapbook
K28	Sec. 2 (23-5E)	<p><u>MAY CREEK MINE:</u> May Creek Coal Co.</p> <p>A. Cross section through old workings showing relative position of coal beds. Note: traced from blueprint by Hans Norbistrath, U.S.G.S., 1/29/44</p>		no date	1:480	1 pencil tracing	I-6	- - - -
K29	Sec. 24 (23-4E)	<p><u>DIAMOND MINE:</u> Diamond Coal Co.</p> <p>A. Property of Diamond Coal Co.</p>		no date	1:360	1 blupt	I-3	mylar, mapbook
K30	Secs. 17, 20 (23-5E)	<p><u>RENTON MINE:</u> Denny Renton Clay and Coal Co.</p> <p>A. Plan of Renton mines</p> <p>B. Denny-Renton Clay and Coal Co., Water level entry no. 1 seam</p>		1911 1918	1:480 1:480	1 blupt 1 blupt	I-2	105mm, mylar, mapbook
K31	Secs. 17, 20, 21, 29 (23-5E)	<p><u>RENTON MINE:</u> Seattle Electric Co.</p> <p>A. Map of the Seattle Electric Co.'s Renton coal mine</p>		1919	1:1200	1 blupt	VI-15	105mm, mylar, mapbook
K32	Secs. 16- 21, 28-30 (23-5E)	<p><u>RENTON MINE:</u> Renton Coal Co.</p> <p>A. Geologic structure map of Renton Coal mine to accompany report of Geo. Watkin Evans, consulting mining engineer: "A report on the property of the Renton Coal Co.", 1920. Plate II</p> <p>B. Mine workings from Geo. Watkin Evans report for Renton Coal Co.</p> <p>C. The Renton mine (fragment of a tracing)</p> <p>D. Map of Talbot pillar and extension workings of the Renton mine</p> <p>E. Map showing the upper coal mining operations of the Renton mine under the city of Renton</p>		1920 1920 1931 1932 1955	1:4800 1:6000 1:1200 1:1200 1:1200	1 bluln 1 blkln 1 tissue tracing 1 tissue tracing 1 bluln 1 sepia	II-13	mapbook
K33	Secs. 17- 20, 29, 30 (23-5E)	<p><u>SUNBEAM MINE:</u> Renton Coal Co.</p> <p>A. Sketch showing Renton Coal Co. prospects on secs. 19 and 30, T. 23 N., R. 5 E.</p> <p>B. Renton-Sunbeam mine (see other Renton mine maps for relationship to other Renton mines)</p> <p>C. Renton-Sunbeam mine</p>		1922 pre-1929 1929	1:16,000 1:1200 1:1200	2 bluln 1 blupt 2 blupt	II-12	105mm, mylar, mapbook

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K34	Secs. 29, 30 (23-5E)	SPRING BROOK MINES: Maps showing workings in small mines in vicinity of Spring Brook					II-9, II-10	mylar, mapbook
		A. Map showing survey in Spring Brook coal mine (1st. opening by J. Johnson, sec. 30)	Roads; mine workings	1932	1:1200	1 blupt		
		B. Map showing survey in Spring Brook coal mine (2nd. opening by A.F. Plant; 3rd. opening by J. Johnson: Spring Brook-King mine: both-sec. 30)	Roads, buildings, elevations; mine workings	Sept. 1935	1:1200	1 blupt		
		C. Map showing survey in Spring Brook coal mines	Roads, buildings; elevations; mine workings	Oct., 1935	1:1200	1 blupt		
		D. Map showing survey in Spring Brook coal mines (4th. opening by J. Johnson: mine slope in sec. 29, lot 4)	Roads, buildings, elevations; mine workings	1936	1:1200	1 blkln 2 blupt 1 bluln 1 sepia		
		E. Map showing survey at New Spring Brook slope in relation to north boundary of lot no. 5 (5th. opening by J. Johnson in sec. 29, lot 5)	Elevations; mine workings	1936	1:1200	1 blupt		
		F. Map showing development in workings of Spring Brook Coal Co. mine	Roads, buildings, streams, elevations; mine workings	1937	1:1200	1 pencil 1 blupt		
		G. Map showing workings in small mines in vicinity of Spring Brook (all mines to date plus Hi-Grade coal mine in sec. 30 (6th opening))	Roads, buildings, elevations; mine workings	1938	1:1200	1 blkln 2 blupt 1 bluln 1 sepia		
		H. Map showing all workings to date in small mines in vicinity of Spring Brook. Shows connection of Hi-Grade Coal Co. mine (opening no. 6) with old Spring Brook mines and with Spring Brook Coal Co. mine, lot 5	Roads, buildings; mine workings. Note: Hi-Grade Coal Co. final map—mine closed	1938	1:1200	1 blupt		
I. Map showing workings in small mines in vicinity of Spring Brook. Note: copied from blueprint by Hans Norbistrath, U.S.G.S., 12/27/43	Buildings, elevations; mine workings (this tracing is a copy of Map G)	1943	1:1200	1 pencil 1 bluln 1 sepia				
K35	Sec. 29 (23-5E)	SPRING BROOK MINE: Renton Mining Co., Inc					II-11	105mm, mylar, mapbook
		A. Spring Brook property. Shows relationship to old Spring Brook mines	Roads, elevations; mine workings	1944	1:360	1 blupt		
		B. Spring Brook property	Roads, elevations; mine workings	1945	1:360	1 blupt		
		C. Spring Brook workings	Roads, elevations; mine workings	1947	1:1200	2 blupt		
		D. Spring Brook workings	Roads, elevations; mine workings. Note: mine stopped operations on June 24, 1948—finis	1948	1:1200	1 blupt		
K36	Sec. 29 (23-5E)	SPRING BROOK MINE: Spring Brook Coal Co.					II-9	mylar, mapbook
		A. Mine map of Spring Brook coal mine	Roads, buildings; mine workings. Exact location in S½ of sec. 29 unknown	1940	1:1200	1 blupt		
		B. Mine map of Spring Brook coal mine	Roads, buildings; mine workings	1942	1:1200	2 blupt		
		C. Mine map of Spring Brook coal mine	Roads, buildings; mine workings	1943	1:1200	2 blupt		
		D. Mine map of Spring Brook coal mine	Roads, buildings; mine workings	1945	1:1200	1 bluln		
		E. Mine map of Spring Brook coal mine	Roads, buildings, elevations; mine workings	1946	1:1200	1 bluln		

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		Title	Details: Surface features Mine workings, etc.					
K37	Sec. 29 (23-5E)	<u>SPRING GLEN MINE</u> : Spring Glen Coal Co.					II-9	mylar, mapbook
		A. Spring Glen mine	Roads, buildings; mine workings	1940	1:1200	1 blupt		
		B. Spring Glen mine	Roads, buildings; mine workings	1942	1:1200	1 blupt		
		C. Spring Glen mine	Roads, buildings; mine workings.	Aug., 1943	1:1200	1 blupt		
		D. Spring Glen mine	Roads, buildings; mine workings. This map has pencil notes on it made by Hans Norbistrath, U.S. G.S., 12/24/43	Dec., 1943	1:1200	1 blupt		
		E. Spring Glen mine	Roads, buildings, elevations; mine workings	1947	1:1200	1 blkln		
K38	Secs. 25, 26, 35, 36 (23-5E) secs. 19, 30 (23-6E)	<u>NEW BLACK DIAMOND MINE</u> : Pacific Coast Coal Co.					VI-10 VI-11 VI-12 VI-13	105mm, mylar, mapbook
		A. Map of New Black Diamond mine composite	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1931	1:1200	1 blupt		
		B. Map of New Black Diamond mine composite	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections	1932	1:1200	1 blupt		
		C. Map of New Black Diamond composite	Roads, buildings, streams, elevations; mine workings, stratigraphic columns. Pantographic projection from original tracing by Hans Norbistrath with note: "Workings later than '33 copied from map in the office of the State Mine Inspector Jan. 26, 1944 by Hans Norbistrath (shown by red lines)"	1933	1:2400	1 pencil		
		D. Pantographic reduction by Norbistrath of 1933 Norbistrath tracing	Roads, elevations; mine workings	to 1940	1:6000	1 pencil and ink		
		E. Map of New Black Diamond mine, Discovery seam and Ryan no. 2 seam	Elevations, contours; mine workings	1931	1:1200	1 blupt		
		F. Map of New Black Diamond mine, Discovery seam	Streams, elevations, contours; mine workings, columnar sections	1932	1:1200	1 blupt		
		G. Map of New Black Diamond mine, Discovery seam and Ryan no. 2 seam	Streams, elevations, contours; mine workings, columnar sections	1933	1:1200	1 blupt		
		H. Map of New Black Diamond mine, Discovery seam	Streams, elevations, contours; mine workings, columnar sections	1934	1:1200	1 blupt		
		I. Map of New Black Diamond mine, Discovery seam and Ryan no. 2 seam	Elevations, contours; mine workings; stratigraphic sections	1935	1:1200	1 blupt		
		J. Map of New Black Diamond mine, Discovery seam and Ryan no. 2 seam	Streams, elevations, contours; mine workings	1936	1:1200	1 blupt 1 sepia 1 blkln		
		K. Map of New Black Diamond mine, Discovery seam and Ryan no. 2 seam	Streams, elevations, contours; mine workings, columnar sections	1937	1:1200	1 blupt		
		L. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, columnar sections	1931	1:1200	1 blupt		
M. Map of New Black Diamond mine, Jones and no. 1 seams	Streams, elevations, contours; mine workings, columnar sections	1932	1:1200	1 blupt				

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K38	Secs. 25, 26, 35, 36 (23-5E) secs. 19, 30 (23-6E)	<u>NEW BLACK DIAMOND MINE</u> : Pacific Coast Coal Co.— Continued					VI-10, VI-11, VI-12, VI-13	105mm, mylar, mapbook
		N. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, stratigraphic columns	1933	1:1200	1 blupt		
		O. Map of New Black Diamond mine, Jones and no. 1 seams	Streams, elevations, contours; mine workings, columnar sections	1934	1:1200	1 blupt		
		P. Map of New Black Diamond mine, Jones and no. 1 seams	Streams, elevations, contours; mine workings, columnar sections	1935	1:1200	1 blupt		
		Q. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, columnar sections	1936	1:1200	1 blupt		
		R. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, columnar sections	1937	1:1200	1 blupt		
		S. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, columnar sections <u>Shows New Lake Young Coal Co. mine and West Coast mine</u>	1938	1:1200	1 blupt		
		T. Map of New Black Diamond mine, Jones and no. 1 seam	Buildings, streams, elevations, contours; mine workings, columnar sections	1939	1:1200	1 blupt		
		U. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings, columnar sections	1940	1:1200	1 blupt		
V. Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings. Mine closed Aug. 15, 1941. Copy 2 shows <u>New Lake Youngs mine and West Coast mine</u>	1941	1:1200	1 blup 1 septa				
K39	Sec. 36 (23-5E)	<u>NEW LAKE YOUNGS COAL CO. MINE</u> (a.k.a. LAKE YOUNG COAL CO. MINE): (New) Lake Young(s) Coal Co.					VII-8	mylar
		A. Plan and section showing proposed development work in relation to coal	Elevations; survey of main slope, longitudinal section	1935	1:240	1 blupt		
		B. Map showing proposed location of return airway and surface roadway to mine fan	Roads, buildings; cross section	1936	1:480	1 blupt		
		C. New Lake Youngs Coal Co. map showing workings in no. 2 seam, also surface features	Roads, RR tracks, buildings, elevations, contours; mine workings	June, 1937	1:1200	1 blupt		
		D. New Lake Youngs Coal Co. map showing workings in no. 2 seam, also surface features	Roads, RR tracks, buildings, elevations, contours; mine workings	Oct., 1937	1:1200	1 blupt		
		E. Map showing workings in no. 2 seam, also surface features	Roads, RR tracks, buildings, elevations, contours; mine workings	1938	1:1200	1 blupt		
		F. New Lake Youngs Coal Co. map showing workings in no. 2 seam, also surface features	Roads, RR tracks, buildings, elevations; mine workings	1943	1:1200	2 blupt		
		G. Plan and longitudinal section along center line of Main slope	Elevations; plan and longitudinal section	1939	1:480	1 blupt		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K40	Secs. 25, 26 (23-5E)	RED DEVIL MINE: Red Devil Coal Co.; Romano Coal Co. FIRE KING MINE: Fire King Mining Co.					I-9	mylar, mapbook
		A. Map showing mine workings in relation to property lines at Red Devil mine	Buildings, streams, elevations; mine workings	1935	1:480	1 blupt		
		B. Fire King Mining Co. Inc. surface and underground workings	Roads, buildings, elevations, contours; mine workings	1946	1:1200	2 blupt 1 sepia 1 blkln 1 bluln		
K41	Sec. 25 (23-5E) secs. 19, 29, 30 (23-6E)	JONES AND CEDAR MOUNTAIN COAL PROPERTIES: Jones and Cedar Mountain coal properties					VII-7	mapbook
		A. Jones and Cedar Mountain coal properties—prospects, faults, etc. between RR track and a point 1800 ft. south of Jones slope	Streams, elevations, contours. Notes and classification of strata found in various prospects	1920	1:2400	2 blkln		
		B. Jones and Cedar Mountain coal properties—columnar sections of formation	Columnar section. This area was called the <u>Indian mine</u> for a while and re-opened as <u>New Black Diamond</u> in which one of the seams worked was called the <u>Indian seam</u>	1920	1:120	1 bluln		microfilm reel 1 microfilm reel 2
K42	Secs. 20, 29, 30 (23-6E)	CEDAR MOUNTAIN MINE: West Coast Fuel Co.; West Coast Coal Co.*; Pacific Coast Coal Co.					II-18, II-19, II-20	105mm, mylar, mapbook
		A. No title...old workings, beginning of new	Streams, elevations; mine workings	1926	1:1200	1 blupt		
		B. Mine map - West Coast Coal Co. (old Cedar Mountain mine) *	Buildings, streams, elevations; mine workings. Elevation of airway connections (1:240)	1927	1:1200	1 blupt		
		C. Map of north and south side gangways to airway on seam from surface—West Coast Coal Co. (old Cedar Mountain mine) *	Elevations; cross sections. Elevation of airway connections (1:240)	1929	1:1200	1 bluln		
		D. Seam no. 1, north and south gangway	Buildings, streams; mine workings. Seam no. 1, north and south gangway to beginning 4th level south	1931	1:1200	1 sepia		
		E. Mine in sec. 29, T. 23 N., R. 6 E.	Roads, RR tracks, buildings, streams, elevations; mine workings	Jan., 1932	1:1200	1 blupt		
		F. Mine in sec. 29, T. 23 N., R. 6 E.	Roads, RR tracks, buildings, streams, elevations; mine workings	July, 1932	1:1200	1 blupt		
		G. West Coast Fuel Co. mine in sec. 29, Cedar Mountain, King County	Roads, RR tracks, buildings, streams, elevations; mine workings	Feb., 1933	1:1200	1 blupt		
		H. Mine in sec. 29, T. 23 N., R. 6 E.	Roads, RR tracks, buildings, streams, elevations; mine workings	June, 1933	1:1200	2 blupt		
		I. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1934	1:1200	1 blupt		
		J. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1935	1:1200	1 blupt		
K. Cedar Mountain mines—map showing location of working place in no. 5 chute from 6th level north gangway	Elevations; mine workings. Amount of air delivered to work area	1936	1:1200	1 blupt				

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K42	Secs. 20, 29, 30 (23-6E)	CEDAR MOUNTAIN MINE: West Coast Fuel Co.; West Coast Coal Co. * - Continued					II-18, 105mm, II-19, mapbook II-20	
		L. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1936	1:1200	1 blupt		
		M. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1937	1:1200	1 blupt		
		N. Mine and property map	Roads, RR tracks, buildings, streams, elevations; mine workings. Shows old workings	1937	1:2400	1 blupt		
		O. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1938	1:1200	1 blupt		
		P. Cedar Mountain mine map showing surface features in relation to mine workings	Roads, RR tracks, buildings, streams, elevations; mine workings	1939	1:1200	2 blupt		
		Q. Cedar Mountain mine map showing workings in royalty area	Elevations; mine workings. Shows tonnage from 1929-1939	1939	1:1200	1 blupt		
		R. Cedar Mountain properties surface map	Roads, RR tracks, streams, elevations, contours	1965	1:1200	1 blkln		
K43	Sec. 13 (23-6E)	CAROLINE MINE: Caroline Coal Co. TIGER MOUNTAIN MINE: Tiger Mountain Coal Co. *					II-17 105mm, mylar, mapbook	
		A. Caroline mine	Streams, elevations; mine workings	1927	1:1200	1 blupt		
		B. Caroline mine	Mine workings only	1930	1:1200	1 blupt		
		C. Tiger Mountain mine near Issaquah *	Buildings, streams; mine workings, cross sections. Shows old <u>Caroline</u> works	1935	1:1200	1 blupt		
		D. Mine map, Tiger Mountain Coal Co. *	Roads, buildings, streams, elevations; mine workings. Shows old <u>Caroline</u> works	1939	1:1200	1 blupt		
		E. Mine map, Tiger Mountain Coal Co. *	Roads, buildings, streams; mine workings	1940	1:1200	2 blupt		
		F. Tiger Mountain mine (Bearcreek Yards, Inc. (Montana Coal and Iron) listed on map as Company)	Roads, buildings, streams; mine tunnel	1950's	1:480	1 blkln		
K44	Sec. 36 (23-6E)	UNNAMED PROSPECT 1 MILE NORTHWEST OF HOBART					I-15 - - - -	
		A. Plan and cross-section along center line of slope in relation to development work in coal mine (unnamed prospect 1 mile NW of Hobart.)	Elevations; prospects	1935	1:1200	1 blkln		
K45	Secs. 2-5, 8-11, 14-17 (22-7E) secs 32-34 (23-7E)	TAYLOR MINES: Denny-Renton Clay and Coal Co.; Gladding, McBean and Co. *					VI-7, 105mm, VI-8 mylar, mapbook	
		A. Denny-Renton Clay and Coal Co.'s mines	RR tracks, buildings, streams, elevations; mine workings	1905	1:1200	1 blupt		
		B. Map of Denny-Renton Clay and Coal Co.'s mines and property	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Town of Taylor	1910	1:1200	1 blupt		
		C. Denny-Renton Clay and Coal Co. Surface survey and prospect areas	Roads, streams, elevations. Shows several prospect areas, surface survey markings	1910-1912	1:1200	1 blupt		

INDEX NO.	LOCATION	MINE NAME: Operator Title	Details: Surface features Mine workings, etc.	DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
K45	Secs. 2-5, 8-11, 14-17 (22-7E) secs. 32-34 (23-7E)	TAYLOR MINES: Denny-Renton Clay and Coal Co.; Gladding, McBean and Co. * - Continued					VI-7	105mm, mylar
		D. Map of Taylor mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1912	1:1200	1 blupt		
		E. No. 3½ seam east, shaft mine	Mine workings	1918	1:600	1 blupt		
		F. No. 5 seam east and west, shaft mine	Mine workings	1918	1:600	1 blupt		
		G. No. 5 seam workings, Denny-Renton Clay and Coal Co. mines	Mine workings. All water level workings were traced from map completed by J.B. Warriner, Aug. 8, 1912	May, 1920	1:600	1 blupt		
		H. No. 1 seam east, shaft mine	Mine workings. All water level workings traced from map completed by J.B. Warriner, Aug. 8, 1912	June, 1920	1:600	1 blupt		
		I. No. 2 seam workings, Denny-Renton Clay and Coal Co. mines	Mine workings	June, 1920	1:600	1 blupt		
		J. Denny-Renton Clay and Coal Co. map of Taylor mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1921	1:1200	1 blupt		
		K. Map of property owned in vicinity of Taylor - Gladding, McBean Co. *	RR tracks, buildings, streams; property lines and drainage patterns	1927	1:9600	1 blupt		
		L. Taylor coal prospect *	Roads, buildings, streams; mine tunnel	May, 1938	1:360	1 blupt		
M. Taylor coal prospect *	Roads, RR tracks, buildings, streams	June, 1938	1:360	1 ink drawing				
N. Map of property owned in vicinity of Taylor - Gladding, McBean Co. *	Roads, RR tracks, streams. Property lines, drainage patterns and filled drainage basins	1944	1:9600	1 pencil tracing				
K46	No secs. cited (21-6E) (21-7E) (24-5E) (24-6E)	OLD FRANKLIN TO NEWCASTLE MINES: B. and R. Coal Co.					VII-2	- - - -
	A. Cross sections of miscellaneous seams of old Franklin to Newcastle	Stratigraphic sections for McAllester, Green River, McKay, Jones, Bagley, Newcastle seams and others	no date	no scale	2 blkln			
K47	Many secs., see map (21-7E) secs. 26-28, 35 (22-7E)	CUMBERLAND-DURHAM COALFIELD: Northwestern Improvement Co.					I-48	- - - -
	A. Map of the Cumberland-Durham coalfield	Roads, RR tracks, buildings, streams. Shows Kangley, Alta, Durham, Palmer Jct., Carbon, Occidental, Bayne, Cannel, old Carbon, Eureka, Navy Hyde, Sunset, No. 1 and no. 2, and Independent mines	1914	1:12,000	1 blupt			
K48	Sec. 2 (21-7E) secs. 26, 35 (22-7E)	DURHAM-HIAWATHA-KANGLEY COALFIELD: Northwestern Improvement Co.					I-50	- - - -
	A. Map of the Durham-Hiawatha-Kangley coalfield	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	no date	1:2400	1 blupt			
K49	Sec. 2 (21-7E) secs. 26, 35 (22-7E)	DURHAM MINE VICINITY: Northwestern Improvement Co.					I-46	- - - -
	A. Topographic map in vicinity of the Durham mine	RR tracks, buildings, streams, elevations, contours. Shows Durham nos. 1 and 2, Hiawatha, Alta and Kangley slopes	no date	1:4800	1 blupt			

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K50	Secs. 25, 26, 35, 36 (22-7E)	KANGLEY, PARKINS SLOPE, ALTA MINES: Parkins-Kangley Coal Co.; Kangley Coal Co. *					VII-36	105mm, mylar, mapbook, mylar composite
		A. Sketch showing mines in vicinity of Kangley	Elevations; mine workings. Shows <u>Kangley, Alta</u> and <u>Parkins</u> slopes	1924	1:1200	1 blupt		
		B. Working map of Parkins slope and vicinity mines	RR tracks, buildings, streams, elevations; mine workings. Shows <u>Alta</u> and <u>Kangley</u> slopes	1925	1:1200	1 blupt		
		C. Working map of Parkins slope and vicinity mines	RR tracks, streams, elevations; mine workings. <u>Kangley</u> and <u>Alta</u> slopes	1925	1:2400	2 photo		
		D. Working map of Parkins slope and vicinity mines	RR tracks, buildings, streams, elevations; mine workings. <u>Kangley, Alta</u>	1927	1:1200	1 bluln 1 sepia		
		E. Map showing workings in slope south of old Alta mine *	Buildings, streams, elevations, contours; mine workings	1933	1:1200	1 ink tracing		
K51	Sec. 35 (22-7E)	HIAWATHA MINE: Northwest Improvement Co.					I-47	105mm, mylar, mapbook, mylar composite
		A. Map of Hiawatha mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1923	1:1200	1 blupt		
		B. Map of Hiawatha mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1924	1:1200	1 blupt		
K52	Sec. 2 (21-7E)	DURHAM MINES: Morris Bros. Coal Mining Co.* ; Palmer Coking Coal Co.					VII-35	105mm, mylar, mapbook, mylar composite
		A. Map of Morris Bros. Coal Mining Co., mines nos. 1 and 2 *	RR tracks, buildings, streams, elevations, contours; mine workings	1929	1:1200	1 blupt		
		B. Durham mines, nos. 1 and 2	RR tracks, buildings, elevations; mine workings	1934	1:1200	1 blupt		
		C. Palmer Coking Coal Co., Inc., Durham mines	RR tracks, buildings, streams, elevations, contours. Shows old no. 1, no. 2 and old no. 2	1936	1:1200	1 blupt 1 blkln		
		D. Palmer Coking Coal Co., Inc., Durham mines	RR tracks, buildings, streams, elevations, contours; mine workings. Shows old no. 1, no. 1, old no. 2, no. 2 and the town of Durham. Also shows 1942 water level survey—no. 2 mine	1943	1:1200	2 blupt		
		E. Map of workings of New Durham mine	Elevations; mine workings	Jan., 1937	1:1200	1 bluln		
		F. Map of workings of New Durham mine	Elevations; mine workings	June, 1937	1:1200	1 blupt		
G. Map of workings of New Durham mine	Streams, elevations; mine workings	1940	1:1200	1 blupt				

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K53	Sec. 3 (21-7E) sec. 34 (22-7E)	ELK MINE: Elk Coal Co.; Big Four Coal Co.*						
		A. Mine map, Elk Coal Co.	Roads, RR tracks, buildings, streams, elevations; mine workings	1924	1:1200	1 blupt	VII-32	105mm, mapbook, mylar composite
		B. Mine map, Elk Coal Co.	Roads, RR tracks, buildings, elevations; mine workings	1926	1:1200	1 blupt		
		C. Mine map, Elk mine *	RR tracks, buildings, elevations; mine workings	1931	1:1200	1 blupt		
		D. Big 4 Coal Co. mine map *	RR tracks, buildings, elevations; mine workings	1933	1:1200	1 blupt		
		E. Big 4 Coal Co. mine map *	RR tracks, buildings; mine workings	1934	1:1200	1 blupt		
		F. Map of Elk mine *	RR tracks, buildings, elevations, contours; mine workings. Shows location of <u>Hiawatha</u> and <u>Durham</u> no. 1 and no. 2 seams	1936	1:1200	1 blupt		
		G. Map of Elk mine *	RR tracks, buildings, elevations, contours; mine workings	1940	1:1200	1 blupt		
		H. Elk mine *	Roads, streams; slope and main gangway	1940	1:1200	1 pencil 1 bluln 1 sepia		
		I. Map of Elk mine *	RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections	1941	1:1200	1 blupt		
J. Map of Elk mine *	Roads, RR tracks, buildings, elevations, contours; mine workings, columnar sections	1953	1:1200	1 blupt				
K54	Secs. 24, 25, 26 (22-6E)	DANVILLE MINE: North Coast Colliery; Danville Coal Co., Inc.*; Thermal Coal Co.**; Palmer Coking Coal Co.***					VII-13	105mm, mylar, mapbook
		A. Vertical section of the Danville mine (Frasier bed workings)	Buildings; vertical section showing mine workings, cross sections	1907	1:600	1 blupt		
		B. Map showing location of old Danville coal mine workings and prospects *	Roads, RR tracks, buildings; surface signs of mine workings—prospects, cave-ins, tunnel openings, dumps and air shafts	1920	1:1200	1 blupt		
		C. Map of Danville coal mine *	Roads, RR tracks, buildings, streams, elevations; mine workings	1929	1:1200	1 blupt		
		D. Map of Danville mine **	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1932	1:1200	1 blupt		
		E. Danville coal mine ***	Roads, streams, elevations, contours	1939	1:1200	1 blupt		
		F. Danville coal mine ***	Roads, streams, elevations, contours; mine workings. <u>Landsburg</u> workings, <u>Upper Frasier</u> workings (this is the Danville mine)	1946	1:1200	1 blkln		
G. Longitudinal section of Danville mine ***	Elevations; longitudinal section showing workings	1940	1:1200	1 blupt				

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES	
		Title	Details: Surface features Mine workings, etc.						
K55	Secs. 24, 25 (22-6E)	LANDSBURG MINE: Landsburg Coal Co.*; Palmer Coking Coal Co.					VI-1	105mm, mylar, mapbook	
		A.	Map showing survey from SE corner sec. 24, T. 22 N., R. 6 E., to Landsburg Coal Co.'s mine *	Roads, buildings, elevations; surface survey and gangway	1932	1:1200			1 blupt
		B.	Map showing survey and longitudinal section through workings *	Elevations; mine survey, longitudinal secs, (1:240)	1933	1:1200			1 linen
		C.	Plan-profile progress map of Landsburg workings	Elevations; plan view of tunnel, cross section, profile view	1946	1:1200			1 blupt 1 blu/n 1 sepi
		D.	Landsburg mine and property	Roads, elevations; mine gangways	1953	1:2400			1 blu/n
		E.	Landsburg mine, upper level workings, all seams	Elevations; mine gangways	1958	1:1200			1 blu/n
		F.	Landsburg mine, upper level workings, all seams	Roads, elevations; mine gangways	1959	1:1200			1 blk/n
		G.	Landsburg mine	Roads, elevations; mine gangways	1960	1:1200			1 blk/n
		H.	Landsburg mine, upper level workings, all seams	Roads, elevations; mine gangways	1961	1:1200			1 blk/n
		I.	Landsburg mine, upper level workings	Roads, RR tracks, streams, elevations; mine gangways	1965	1:1200			1 blu/n 2 blk/n
		J.	Landsburg mine, upper level workings, all seams	Roads, RR tracks, streams, elevations; mine gangways	1967	1:1200			1 blu/n
		K.	Landsburg mine, upper level workings, all seams	Roads, RR tracks, streams, elevations; mine gangways, cross sections	1969	1:1200			1 blk/n
		L.	Landsburg mine, upper level workings, all seams	Roads, RR tracks, streams, elevations; mine gangways, cross sections of cave-in area. Shows cave-in area on Rogers vein	1969	1:1200			1 blk/n
		M.	Landsburg no. 1 vein (initial workings of 18' bed)	Elevations; mine workings	1943	1:1200			1 linen 1 blupt 2 blu/n 1 sepi
		N.	Plan showing part of the gangway workings (8' and 18' veins)	Roads, streams, elevations; mine gangways	1954	1:2400			1 blu/n 1 sepi
		O.	Map showing part of the Landsburg mine (8', 6', 18' veins)	Roads, elevations; mine gangways	Mar., 1955	1:1200			1 blu/n
		P.	Map showing the plan and vertical elevations of the 8', 6' and part of the 18' veins, Landsburg mine workings	Roads, elevations; mine gangways, profiles of workings, vertical elevations	Sept., 1955	1:1200			1 blu/n
		Q.	Plan and vertical elevations 8', 6' and part of the 18' veins	Elevations; cross sections, vertical elevations	1956	1:1200			1 blu/n
		R.	Plan and vertical elevations 8', 6' and part of the 18' veins, Landsburg mine	Elevations; cross sections, vertical elevations	Jan., 1958	1:1200			2 blu/n
S.	Plan and vertical elevations 8', 6' and part of the 18' veins, Landsburg mine	Roads, elevations; mine workings, cross sections, vertical elevations	July, 1958	1:1200	1 blu/n				
T.	Landsburg mine, 8' vein, vertical section	Elevations; mine workings, cross sections	1959	1:1200	1 blk/n				
U.	Landsburg mine, 8' vein, vertical section	Cross sections	Jan., 1960	1:1200	1 blk/n				
V.	Landsburg mine, 8' vein, vertical section	Vertical section of workings, cross sections	Mar., 1960	1:1200	1 blu/n 1 sepi				
W.	Profile map of the Landsburg mine showing new development of the 18' vein	Elevations, profile view of mine workings	1955	1:600	2 blu/n 1 sepi				

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K55	Secs. 24, 25 (22-6E)	LANDSBURG MINE: Landsburg Coal Co.*; Palmer Coking Coal Co. - Continued					VI-1, VI-2	105mm, mylar
		X. Landsburg mine, 18' vein, vertical section in plane of vein	Elevations; mine workings, vertical sections	1958	1:1200	1 bluln		
		Y. Landsburg mine, 18' vein, vertical section in plane of vein	Elevations; mine workings, cross sections (vertical section of workings)	April 1959	1:1200	1 blkln 1 bluln		
		Z. Landsburg mine, 18' vein, vertical section in plane of vein	Elevations, vertical section of workings. This map is the same as Map Y. with pencil update of additional workings of no. 37 connections on 1st level	1959	1:1200	1 blkln		
		AA. Landsburg mine, Rogers vein, vertical section	Elevations; mine workings, vertical section	1959	1:1200	1 blkln		
		BB. Landsburg mine, Rogers vein, vertical section	Elevations; mine workings, vertical section	1960	1:1200	1 blkln		
		CC. Landsburg mine, Rogers vein, vertical section (PART 1)	Elevations; mine workings, cross sections (vertical section of workings)	June, 1963	1:1200	1 blkln		
		Rogers no. 2 mine (Landsburg) (PART 2)	Elevations; mine workings, columnar sections, cross sections. Face Rogers no. 1 gangway. Red lines show flow of mud from inrush August 23, 1963	Aug., 1963	1:360	1 pencil		
		DD. Landsburg mine, Rogers vein, vertical section	Streams, elevations; mine workings, cross sections	Nov., 1963	1:1200	1 bluln		
		EE. Landsburg mine, Rogers vein, vertical section	Elevations; vertical section of mine workings	1965	1:1200	1 blkln		
		FF. Landsburg mine, Rogers vein, vertical section	Elevations; mine workings, cross sections (vertical section of mine workings)	1966	1:1200	1 bluln		
		GG. Landsburg mine, Rogers vein, vertical section	Elevations; mine workings, cross sections (vertical section of mine workings)	1967	1:1200	1 blkln		
HH. Landsburg mine, Rogers vein, vertical section	Elevations; vertical section of mine workings	1969	1:1200	1 blkln				
II. Landsburg mine, Rogers vein, vertical section	Streams, elevations; vertical section of mine workings	1972	1:1200	1 bluln				
K56	Secs. 1, 12 (21-6E) secs. 5, 6 (21-7E) sec. 36 (22-6E) secs. 31, 32 (22-7E)	RAVENSDALE AREA MINES: Raven Coal Co.*; Northwestern Improvement Co.					I-30	-----
		A. Map of Ravensdale mines	Roads, RR tracks, buildings, streams, elevations, contours; mine gangways	1914	1:4800	1 blupt		
		B. Ravensdale mines and vicinity *	RR tracks, streams, elevations; mine gangways. Shows area ownership	no date	1:4800	1 bluln 1 sepia		
	C. Ravensdale group of mines	RR tracks, streams, elevations; mine gangways, cross sections	no date	1:6000	1 ink tracing			
K57	Sec. 36 (22-6E)	RAVENSDALE AREA--GEOLOGIC CROSS SECTIONS AND LOG OF PROSPECT PITS: Northwestern Improvement Co.; Dale Coal Co.*					I-29	-----
A. Cross sections on line crossing at inside tunnel in west McKay water level--course N. 53° E., looking northwest	Cross sections	1908	1:1200	1 bluln				

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COAL MINE MAP COLLECTION

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		Title	Details: Surface features Mine workings, etc.					
K57	Sec. 36 (22-6E)	<u>RAVENSDALE AREA—GEOLOGIC CROSS SECTIONS AND LOG OF PROSPECT PITS:</u> Northwestern Improvement Co.; Dale Coal Co. * - Continued					I-29	----
		B. Cross section of coal seams in the old Ravensdale mine *	Columnar sections, cross sections	1925	1:24	2 bluin		
		C. Log of prospect shaft no. 64	Columnar sections	1930	1:48	2 bluin		
		D. Cross sections of Ravensdale veins	Columnar sections, cross sections	no date	no scale	2 bluin		
K58	Sec. 36 (22-6E)	<u>RAVENSDALE MINE:</u> Raven Coal Co.; Central Coal Co.*					VII-14	105mm, mylar
		A. Ravensdale mine workings on beds nos. 1 and 4	RR tracks, buildings, elevations; mine workings	1919	1:1200	2 blupt		
		B. Ravensdale mine workings on beds nos. 1 and 4 *	RR tracks, buildings, streams, elevations, contours; mine workings	Jan., 1921	1:1200	1 bluin		
		C. Ravensdale mine workings on beds nos. 1 and 4 *	RR tracks, buildings, elevations, contours; mine workings	June 1, 1921	1:1200	1 bluin 1 septia		
		D. Ravensdale mine workings on beds nos. 1 and 4 *	RR tracks, buildings, streams, elevations, contours; mine workings	June 30, 1921	1:1200	1 blupt		
K59	Sec. 36 (22-6E) sec. 31 (22-7E)	<u>RAVENSDALE NO. 1 MINE:</u> Northwestern Improvement Co.					VII-18	105mm, mylar, mapbook
		A. Plan and profile showing location of explosion which occurred Dec. 13th, 1910 at 11:17 a.m. Also where dead and injured were found. Ravensdale no. 1 mine	Elevations; mine workings, cross sections. Ventilation system—several cross sections	1910	1:60; 1:120; 1:480; 1:1200	1 bluin		
		B. Working map of the Ravensdale no. 1 mine workings on no. 4 bed	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Town of Ravensdale, cemetery, Beaver Lake	1911	1:1200	1 blupt		
		C. Working map of the Ravensdale no. 1 mine workings on no. 5 bed	RR tracks, buildings, streams, elevations, contours; mine workings. "Location of and order in which body was found shown thus—@ no." (list of dead, no. of orphans, etc.)	1914	1:1200	1 blupt		
		D. Map of Ravensdale mine no. 1	RR tracks, buildings, elevations, contours; mine gangways. Town of Ravensdale	1920	1:6000	1 blupt		
K60	Sec. 1 (21-6E) sec. 36 (22-6E)	<u>RAVENSDALE NO. 2 MINE (MCKAY WORKINGS):</u> Northwestern Improvement Co.					VI-6	105mm, mylar, mapbook
		A. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1911	1:1200	1 blupt		
		B. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	Feb., 1935	1:1200	1 blupt		
		C. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	June, 1935	1:1200	1 blupt		
		D. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1936	1:1200	1 blupt		
		E. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K60	Sec. 1 (21-6E) sec. 36 (22-6E)	<u>RAVENSDALE NO. 2 MINE (MCKAY WORKINGS):</u> Northwestern Improvement Co. — Continued					VI-6	105mm, mylar, mapbook
		F. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1939	1:1200	1 blupt		
		G. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	June, 1940	1:1200	1 blupt		
		H. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	Nov., 1940	1:1200	1 blupt		
		I. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1943	1:1200	1 blupt		
		J. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	July, 1944	1:1200	1 blupt		
		K. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	Nov., 1944	1:1200	1 blkln		
		L. Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	1947	1:1200	1 blupt		
		M. McKay workings in the NE $\frac{1}{4}$ of sec. 1, T. 21 N., R. 6 E.	Elevations, contours; mine workings	1948	1:1200	1 blkln		
		N. Map of Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings	Jan., 1949	1:1200	1 bluln		
O. Working map of the Ravensdale no. 2 mine—McKay workings	RR tracks, buildings, streams, elevations, contours; mine workings. Shows 2/19/49 fire area	post-Feb., 1949	1:1200	1 blupt				
K61	Sec. 1 (21-6E) sec. 6 (21-7E) sec. 36 (22-6E) sec. 31 (22-7E)	<u>NEW MCKAY MINE:</u> Dale Coal Co.					I-31	mylar, mapbook
		A. Map of the New McKay mine	Elevations, contours; mine workings	1929	1:1200	1 blupt		
		B. Map of the New McKay mine	RR tracks, streams, elevations, contours; mine workings	1931	1:1200	1 blupt		
K62	Sec. 1 (21-6E) sec. 36 (22-6E)	<u>DALE NO. 1 MINE:</u> Dale Coal Co.					I-33	105mm, mylar, mapbook
		A. Map of the Dale mine no. 1	RR tracks, elevations, contours; mine workings, columnar sections. Ravensdale mine no. 1	1931	1:1200	1 blupt		
		B. Cross section of coal seams cut by the rock tunnel	Columnar sections	1925	1:24	1 bluln		
		C. Detail on cross tunnel of Dale no. 1 mine	Elevations; columnar sections, cross sections. Note: copied from N.W.I. Co. map dated 1934	1944	1:1200	1 ink		
K63	Secs. 1, 12 (21-6E)	<u>DALE MINE—MCKAY SEAM:</u> Dale Coal Co.					VII-17	105mm, mylar, mapbook
		A. Cross sections of measures between Dale no. 4 and the McKay bed	Elevations; cross sections	1930	1:1200	1 blkln		
		B. Prospects between no. 4 (Dale) and McKay beds	Elevations	1930	1:1200	1 pencil and ink tracing		
		C. Mine map	Elevations; mine workings	1937	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K63	Sec. 1, 12 (21-6E)	<u>DALE MINE—MCKAY SEAM: Dale Coal Co. — Continued</u>					VII-17	105mm, mapbook
		D. Mine workings, McKay bed	Streams, elevations; mine workings	1938	1:1200	2 blupt		
		E. Mine workings, McKay bed	Streams, elevations; mine workings	1939	1:1200	1 blupt		
		F. Mine workings, McKay bed	Elevations; mine workings	June, 1940	1:1200	1 blupt		
		G. Mine workings, McKay bed	Elevations, mine workings. Also shows Strain Coal Co.'s workings traced from P.C.C. Co.'s map (dashed lines)	Nov., 1940	1:1200	1 blupt		
		H. Mine workings, McKay bed	Elevations, mine workings	1943	1:1200	1 blupt		
		I. Mine workings, McKay bed	Streams, elevations; mine workings. Note on map: workings in sec. 12 sold to P.C.C. Co. in 1938	July, 1944	1:1200	1 blupt		
		J. Mine workings, McKay bed	Elevations; mine workings	Nov., 1944	1:1200	1 blkln		
K64	Secs. 5-7 (21-7E)	<u>SECTION SIX MINE: Pacific Coast Coal Co.</u>					I-32	105mm, mylar, mapbook
		A. Map of Section Six mine, McKay seam	Roads, streams, elevations, contours; mine workings, columnar sections	1937	1:1200	1 blupt		
		B. Prospects near Section Six mine	Elevations; surface survey	1938	1:1200	1 blkln		
K65	Secs. 1-4, 9-16, 21-28, 33-36 (21-6E) secs. 4-9, 16-21, 28-33 (21-7E) secs. 33-36 (22-6E) secs. 31-33 (22-7E)	<u>FRANKLIN-BLACK DIAMOND COALFIELDS: Pacific Coast Coal Co.</u>					VII-16	-----
		A. Franklin-Black Diamond coalfield	RR tracks, streams, mine gangways. Towns, land ownership. Notes pertaining to abandonment date of mines. Also shows Ravensdale, no. 11, no. 12, old no. 12, no. 7, no. 14, no. 2, Lawson, Franklin, Cannon, Hyde (Rose-Marshall), and Kummer mines	1916	1:15,800	1 blupt		
		B. Franklin-Black Diamond coalfield	RR tracks, streams; mine locations and gangways. Also shows no. 11, no. 14 and old no. 2. Note: no. 14 mine abandoned April, 1916; Mine "B" closed down March, 1914	1919	1:15,800	1 bluln		
		C. Black Diamond and Franklin mine area	RR tracks, streams, elevations; mine workings. Also shows <u>Lawson mine</u> and <u>Kummer mine</u>	no date	1:7200	1 blupt		
K66	Secs. 2, 10-12, 14, 15 (21-6E)	<u>BLACK DIAMOND MINES NO. 11 AND NO. 14: Pacific Coast Coal Co.</u>					VI-3	105mm, mylar, mapbook
		A. Black Diamond mine no. 14	RR tracks, buildings, streams, elevations, contours; mine workings, profile through main slope surface to third level, profile through Electric slope third level to bottom. Note: closed and abandoned March, 1916	Mar., 1916	1:1200	2 bluln 1 septa		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K66	Secs. 2, 10-12, 14, 15 (21-6E)	<u>BLACK DIAMOND MINES NO. 11 AND NO. 14:</u> Pacific Coast Coal Co.—Continued					VI-3	105mm, mylar, mapbook, mylar composite
		B. Map of Black Diamond mines	RR tracks, buildings, streams, elevations; mine workings, profile through Main and Electric slopes. Also shows <u>No. 11, No. 14</u> and old <u>No. 2</u> . Note: <u>No. 14</u> mine abandoned April, 1916; Mine "B" closed down March, 1914	1916	1:3600	1 blupt		
		C. No. 14 mine profile through Main and Electric slopes	Buildings, streams, elevations; cross section profile	1916	1:3600	1 blkln		
		D. Black Diamond mines no. 11 and no. 14, cross sections for study of bumps	Elevations, cross sections	1923	1:3600	1 blupt		
		E. Map of no. 11 mine	RR tracks, buildings, streams, elevations, contours; mine workings, cross sections. Profile through Main and Electric slopes, 1918	1927	1:1200	1 blupt		
		F. Profile through Main and Electric slope	Buildings, elevations; cross sections. Also shows Mine "B"	1927	1:3600	1 ink tracing		
K67	Secs. 2, 10-12, 14, 15, 23 (21-6E)	<u>BLACK DIAMOND MINES:</u> Pacific Coast Coal Co.					I-34	----
		A. Black Diamond mines "B", no. 11, no. 2, no. 14	RR tracks, streams; mine gangways	1938	1:6000	1 ink tracing		
K68	Secs. 1, 2, 11, 12 (21-6E)	<u>BLACK DIAMOND MINES (GINDER LAKE MINE):</u> Strain Coal Co.					VII-5	105mm, mapbook, mylar composite
		A. Black Diamond mines	Streams, elevations, contours; mine workings	1938	1:1200	1 blupt		
		B. Black Diamond mines	Mine workings	1940	1:3600	1 bluln		
		C. Black Diamond mines	Elevations, contours; mine workings. 1st. level <u>Dale</u>	1940	1:1200	2 blupt		
		D. Black Diamond mines	Streams, elevations, contours; mine workings	1941	1:1200	2 blupt		
K69	Sec. 14 (21-6E)	<u>DRAGHI MINE:</u> Draghi Coal Co.					I-35	mylar composite
		A. Mining operations and work progress	Roads, buildings, elevations; mine workings	1952	1:480	1 blupt		
		B. Plan of the Draghi mining operations and showing the location of No. 14 and Lawson mines, also land division in east half of sec. 14, T. 21 N., R. 6 E.	Roads, RR tracks, buildings, elevations. Also shows <u>Lawson mine, no. 14</u> and <u>Jones Lake mine</u>	1954	1:1200	1 bluln		
K70	Secs. 12, 13 (21-6E)	<u>LAWSON MINE (OLD LAWSON MINE):</u> Pacific Coast Coal Co. (a.k.a. <u>JOHNSON MINE:</u> Ed Johnson, lessor)					VII-20	105mm, mylar, mylar composite
		A. Map of Lawson mine	Buildings, elevations. List of men killed—disaster of Nov. 6, 1910	1910	1:1200	1 blupt		
		B. Map of Lawson mine	RR tracks, elevations; mine workings	1910	1:3600	1 ink 1 bluln 1 sepia		
		C. Lawson mine from Pacific Coast Coal Co.'s map to closing in 1911	RR tracks, elevations; mine workings. Also shows new <u>no. 12</u> , old <u>no. 12</u> and <u>no. 7</u> mine	1911	1:6000	1 blkln		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K70	Secs. 12, 13 (21-6E)	LAWSON MINE (OLD LAWSON MINE): Pacific Coast Coal Co. (a.k.a. JOHNSON MINE: Ed Johnson, lessor)—Continued					VII-20	105mm, mylar, mapbook
		D. Map of Lawson mine	RR tracks, buildings, elevations; mine workings. List of men killed—disaster of Nov. 6, 1910	1936	1:1200	1 blupt		
		E. Johnson coal mine	Elevations; mine workings. Note: old Lawson mine—Ed Johnson, lessor is written on copy 1 of this map	1937	1:1200	2 blupt		
K71	Secs. 12, 13 (21-6E)	NO. 12 MINE: Black Diamond Coal Mining Co.; Pacific Coast Coal Co. *					VII-19	105mm, mapbook, mylar composite
		A. Plan showing coal workings in sec. 12, T. 21 N., R. 6 E.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1888	1:1200	2 bluin		
		B. Plan showing coal workings in sec. 12, T. 21 N., R. 6 E.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings (Photo-reduction of Map A.)	1888	1:4800	2 photo 1 mylar		
		C. New no. 12 mine *	RR tracks, buildings, elevations; mine workings. Also shows old Lawson mine workings, old no. 12 and no. 7 workings	1912	1:1200	1 blupt		
		D. Map of new no. 12 mine *	Buildings, elevations; mine gangways. Note: new no. 12 closed down March, 1913. Other new no. 12 mine workings shown on Lawson mine, Map D. (K70)	1916	1:3600	1 blupt		
K72	Secs. 7, 18 (21-7E)	FRANKLIN MINE NO. 7: Pacific Coast Coal Co.; Strain Coal Co. *					VII-21	105mm, mapbook, mylar composite
		A. Franklin no. 7 mine, McKay vein workings	Mine workings	1907	1:1200	1 blupt		
		B. Strain Coal Co. no. 7 mine *	Elevations; mine workings	1940	1:1200	1 blupt		
K73	Sec. 8 (21-7E)	GREEN RIVER GORGE COAL MINING CO. MINES: Green River Gorge Coal Mining Co.; OKAY COAL CO. MINE: Okay Coal Co.					I-45	mylar, mapbook
		A. Map of the property of Green River Gorge Coal Mining Co.	Roads, buildings, streams, elevations; mine workings. Also shows mines on the Black Beauty and Okay seams	1936	1:1200	1 blupt		
		B. Map of the Okay Coal Co.'s lease of the Okay seams	Roads, buildings, streams; mine workings	1943	1:1200	1 blupt		
		C. Map of the Okay Coal Co.'s lease of the Okay seams	Roads, buildings, streams, elevations; mine workings	c. 1943	1:1200	1 ink tracing		
K74	Secs. 7, 18, 19 (21-7E)	BLACK DIAMOND MINE, NEW FRANKLIN SLOPE: Pacific Coast Coal Co.					VII-23	105mm, mylar
		A. Black Diamond mine	Buildings, streams, elevations; mine workings	1940	1:1200	1 bluin		
		B. New Franklin slope	Elevations; mine workings. Shows Strain Coal Co. no. 7 mine location	Feb., 1941	1:1200	1 blupt		
		C. New Franklin slope	Elevations; mine workings. Shows Strain Coal Co. no. 7 mine location	Apr., 1941	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K74	Secs. 7, 18, 19 (21-7E)	<u>BLACK DIAMOND MINE, NEW FRANKLIN SLOPE:</u> Pacific Coast Coal Co.-- Continued					VII-23	105mm, mylar
		D. Black Diamond mine	Buildings, streams, elevations; mine workings	1944	1:1200	1 bluln		
		E. Black Diamond mine	Buildings, streams, elevations; mine workings	1946	1:1200	1 blupt		
K75	Secs. 7, 8, 17, 18 (21-7E)	<u>HI-HEAT COAL CO.'S MINE:</u> Hi-heat Coal Co.					VII-29	mylar, mapbook
		A. Hi-heat Coal Co. mine	Roads, buildings; mine workings	1935	1:1200	1 blupt		
		B. Hi-heat Coal Co. mine	Roads, buildings, elevations; mine workings. Also shows coal in P.C.C. Co. sec. 7, T. 21 N., R. 7 E. above present elevation to south boundary line of sec. 7	1936	1:1200	1 blupt		
		C. Hi-heat Coal Co. mine	Roads, buildings, elevations; mine workings. Also shows same P.C.C. Co. coal as Map B.	1937	1:1200	1 blupt		
		D. Hi-heat Coal Co. mine	Roads, buildings; mine workings	1938	1:1200	1 blupt		
		E. Hi-heat Coal Co. mine	Roads, buildings, elevations; mine workings	1939	1:1200	1 blupt		
		F. Hi-heat Coal Co. mine	Roads, buildings, elevations; mine workings	1940	1:1200	1 blupt		
		G. Hi-heat Coal Co. mine	Roads, buildings, elevations; mine workings	1942	1:1200	1 blupt		
K76	Secs. 17-20 (21-7E)	<u>NEW HI-HEAT MINE AREA</u>					I-40	- - - -
		A. Survey, Green River southern gorge, for prospecting purposes	RR tracks, buildings, streams, elevations. Surface survey and location of old <u>Franklin</u> gangway	no date	1:1200	1 bluln 1 sepia		
K77	Secs. 7, 18 (21-7E)	<u>FRANKLIN-GEM COAL MINE:</u> Franklin-Gem Coal Co.					I-39	mylar, mapbook
		A. Franklin-Gem Coal Co.	Buildings, elevations; mine workings	1944	1:1200	1 blupt		
		B. Map of the Franklin-Gem coal mine	Buildings, elevations, contours; mine workings. Also shows old <u>no. 7</u> mine	1946	1:1200	1 blupt		
		C. Map of the Franklin-Gem coal mine	Buildings, elevations, contours; mine workings, columnar sections. Old <u>no. 7</u> mine	1947	1:1200	2 blupt		
		D. Map of the Franklin-Gem coal mine	Buildings, elevations; mine workings, columnar sections	1950	1:1200	2 blupt		
K78	Secs. 7, 18 (21-7E)	<u>B.P.D. COAL CO. MINE:</u> B.P.D. Coal Co.					I-38	- - - -
		A. Map of B.P.D. Coal Co.	Roads, buildings, elevations; mine workings, columnar sections. Partial surface survey of <u>Franklin-Gem</u> mine	1948	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K79	Secs. 7, 18, 19, 29, 30 (21-7E)	FRANKLIN MINE, 1900-1922: Pacific Coast Coal Co.					VII-24	- - - -
		A. Section bore hole no. 3, Franklin no. 2 mine	Elevations; columnar sections	1900	1:600	2 blkln		
		B. Pacific Coast Coal Co.'s Franklin mines	RR tracks, buildings, streams, elevations, mine gangways, columnar sections, cross sections. Also shows E. side old no. 7 mine, Cannon mine, Hyde tunnel, Gem. Note: Cannon mine closed down May, 1915	1916	1:3600	1 blupt		
		C. Franklin mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1919	1:1200	1 blupt		
		D. Franklin mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1921	1:1200	1 blupt		
		E. Franklin mines	RR tracks, streams, elevations; mine workings. Also shows Cannon mine, no. 7 mine, Lawson mine, Hyde mine	1922	1:6000	1 blkln		
K80	Secs. 17-20 (21-7E)	FRANKLIN MINES: Palmer Coking Coal Co.					VI-4	105mm, mapbook, mylar composite
		A. Franklin mines, no. 10 seam, bottom bench	Roads, streams; mine workings	1949	1:1200	2 bluIn		
		B. Franklin mines, no. 10 seam, bottom bench	Roads, streams, elevations; mine workings	1951	1:1200	1 blupt		
		C. Franklin mines, nos. 10 and 12 seams	Roads, streams, elevations; mine workings	1954	1:1200	1 bluIn		
		D. Plan of the no. 10 seam workings	Buildings, streams, elevations; mine workings	1954	1:1200	1 blupt		
		E. Franklin mines, nos. 10 and 12 seams	Roads, streams, elevations, contours; mine workings	1955	1:1200	1 bluIn		
		F. Plan of the no. 10 seam workings, Palmer Coking Coal Co.	Streams, elevations; mine workings	1955	1:1200	1 bluIn		
		G. Franklin mines, nos. 10 and 12 seams	Roads, streams, elevations; mine workings, cross sections (1:3600)	1956	1:1200	2 bluIn		
		H. Franklin mines, nos. 10 and 12 seams	Roads, streams, elevations; mine workings, cross sections (1:3600)	1958	1:1200	2 bluIn 2 blkln		
K81	Secs. 18, 19 (24-7E)	FRANKLIN MINES ("COY'S WORKINGS"): Palmer Coking Coal Co.					I-36	- - - -
		A. "Coy's workings, second level" - in Palmer Coking Coal Co.'s Franklin mine. ("Coy" is the draftsman's abbreviation for Company)	Mine workings. Also includes one unidentified seam which does not match structure of above workings	no date	1:1200	1 bluIn 2 blkln		
K82	Sec. 19 (21-7E)	FULTON NO. 2 MINE: Palmer Coking Coal Co.					I-37	- - - -
		A. Fulton no. 2 mine, approximate out-crop lines nos. 10 and 12. Note on map: isometric, do not scale	Elevations, cross sections (1:1200). Isometric survey diagram. This is one of two seams of Franklin mines, south extension	1958	no scale	1 bluIn 1 sepia		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K83	Secs. 19, 20 (21-7E)	FRANKLIN MINE, SOUTH EXTENSION: Palmer Coking Coal Co.					VII-22	105mm, mapbook, mylar composite
		A. Franklin mines, south extension	Roads, RR tracks, buildings, streams, elevations; mine workings	1958	1:1200	2 bluln		
		B. Franklin mines, south extension	Roads, RR tracks, buildings, streams, elevations; mine workings	1959	1:1200	1 bluln		
		C. Franklin mines, south extension	Roads, streams, elevations; mine workings	1970	1:1200	1 bluln 1 sepia		
K84	Secs. 7, 17-21, 28-32 (21-7E)	CANNON MINE AND FRANKLIN MINE: Pacific Coast Coal Co.					VI-9	105mm, mapbook, mylar composite
		A. Franklin mines—Cannon mines composite	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1922	1:1200	1 bluln 1 sepia		
		B. Map of Cannon mine (composite), Map of Franklin mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections. Shows a bit of <u>Hyde mine</u>	1922	1:1200	1 blupt		
		C. (No title block) Hyde, Cannon, Franklin mines—old workings (composite drawing)	Roads, RR tracks, buildings, streams, elevations; mine workings	1922	1:4800	1 bluln		
K85	Secs. 25, 26 (21-6E)	KUMMER MINE: Pacific Coast Co.; Denny-Renton Clay and Coal Co.*; Gladding, McBean and Co.**; Kummer Coal Co.***					VII-26	105mm, mylar, mapbook
		A. Kummer mine workings	RR tracks, buildings, streams; mine workings	1907	1:1200	1 bluln		
		B. Map of Kummer mines (fragment) *	Roads, RR tracks, buildings, streams; mine workings and surface survey. Shows no. 4 seam prospect south of river	1919	1:1200	1 blupt		
		C. Map of the Kummer mines (traced from Denny-Renton Clay and Coal Co. 1920 map with partial revisions to 1933) **	RR tracks, streams, elevations; mine workings and surface survey. Shows no. 4 prospect and no. 1 seam prospects south of river	1933	1:1200	1 blupt		
		D. Kummer mine ** or ***	Mine workings	1934	1:240	1 blupt		
		E. Kummer Coal mine and surface arrangements at the Kummer mine ** or ***	Buildings; mine workings	1935	1:240	1 blupt		
		F. Kummer mine **	Streams; mine workings	1936	1:1200	1 blupt		
		G. Kummer mine workings ** or ***	RR tracks, buildings, streams; mine workings. This is a copy of Map A. with pencil additions of old no. 1 seam workings and location of new workings on old <u>Denny-Renton</u> , no. 1 seam north of river	1939	1:1200	1 sepia		
		H. Kummer mine—development on new no. 1 seam workings ** or ***	Buildings, streams, elevations; mine workings	1940	1:1200	1 blupt		
I. Plan—Profile. Progress map of no. 4 seam ***	Roads, buildings, elevations; mine workings	1949	1:1200	2 blupt				

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K86	Secs. 25, 26 (21-6E)	<u>KUMMER MINE</u> : Palmer Coking Coal Co.					VII-25	mylar
		A. Kummer mine, main slope no. 4 vein, south of river	Roads, streams, elevations; mine workings and proposed water level tunnel. Development on old Denny-Renton no. 4 vein south prospect	1956	1:1200	1 bluln		
		B. Kummer mine, main slope no. 4 vein, south of river	Roads, streams, elevations; mine workings	1956	1:1200	1 bluln		
K87	Sec. 26 (21-6E)	<u>JOHNSON COAL CO. MINE (KUMMER)</u> : Johnson Coal Co.					VII-25	mylar
		A. Brunton and tape survey of Johnson Coal Co. mine	Streams, elevations; mine workings. Shows old Denny-Renton, no. 1 vein prospect south of river	1946	1:1200	1 blupt		
K88	Sec. 27 (21-6E)	<u>GEM COAL CO.'S MINE</u> : Gem Coal Co.					I-26	mylar mapbook
		A. Gem Coal Co., King County near Kummer	Roads, buildings, elevations; mine workings	1940	1:1200	1 blupt		
K89	Sec. 36 (21-6E)	<u>BLUE BLAZE COAL CO. MINE</u> : Blue Blaze Coal Co.					I-28	mylar
		A. Blue Blaze Coal Co.	Buildings, elevations; mine workings	1940	1:1200	1 blupt		
K90	Sec. 1 (20-6E) sec. 36 (21-6E)	<u>GREEN RIVER MINE - GREEN RIVER COAL CO'S MINE</u> : Green River Coal Co.					I-27	mylar, mapbook
		A. Map showing location of workings in Green River Coal Mining Co. mine	Elevations; mine workings	1932	1:1200	1 blupt		
		B. Map showing location of workings in Green River Coal Mining Co. mine	Buildings, elevations; mine workings	1935	1:1200	1 blupt		
		C. (Sketch map) Green River mine	RR tracks, buildings; mine gangways	1935	1:1200	1 blkln		
K91	Secs. 19, 20, 29, 30 (21-7E)	<u>HYDE MINE</u> : Hyde Coal Co.					VII-28	mapbook, mylar composite
		A. Map showing portion of Hyde mine	Elevations, contours; mine workings and drainage tunnel	1917	1:1200	1 bluln 1 septa		
		B. Hyde mine	RR tracks, streams. Traced from P.C.C. Co. map	1921	1:6000	1 blkln tracing		
		C. Map of the property of Hyde Coal Co.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, cross sections. Vicinity map: 1:15,840. Shows Hyde, Cannon, Navy, Sunset, Independent and south end of Franklin mines	1921	1:1200	1 blupt		
		D. Details of two schemes to tap the Hyde coal mine: Plan I—tapping by drilling (approved); Plan II—by dynamiting (not approved)	Mine workings—side view profiles, cross sections. Map by George Watkin Evans, mining engineer	no date	1:120	1 blupt		
		E. Hyde drainage tunnel, copy of sketch 4/15/40 by J. Williams	Mine tunnel	1942	1:1200	1 ink sketch		
		F. Plan and section of dam in Hyde tunnel	Cross sections	1941	1:1200	1 blupt		
		G. Hyde tunnel and old Cannon mine workings	Mine workings and tunnels	1941	1:1200	1 blupt		
		H. Hyde Tunnel, traced from P.C.C. Co.'s map of Franklin mines	Elevations; mine workings	1944	1:1200	1 blkln		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K92	Sec. 29 (21-7E)	<u>HYDE MINE (NEW):</u> Hyde Mines, Inc.; Olson Fuel Co.*					VII-27	microfilm reel 3 105mm, mapbook, mylar composite
		A. Map of the Hyde mine in sec. 29, T. 21 N., R. 7 E.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Profile of Deep Lake and mine workings: 1:600, cross sections	1947	1:1200	1 blupt		
		B. Map of the Hyde mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections, cross sections. Profile of Deep Lake and mine workings	1949	1:1200	1 blupt		
		C. Map of the Olson Fuel Co. Hyde mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, cross sections. Profile of Deep Lake and mine workings	1950	1:1200	1 blupt		
		D. Map of the Olson Fuel Co. (Hyde mine) *	Roads, buildings, streams, elevations, contours; mine workings, cross sections. Profile of Deep Lake and mine workings	1951	1:1200	1 blkln		
		E. Map of the Olson Fuel Co. (Hyde mine) *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, cross sections. Profile of Deep Lake and mine workings	1952	1:1200	1 blkln		
K93	Sec. 33 (21-7E)	<u>INDEPENDENT COAL AND COKE CO. PROPERTY</u>					I-42	mapbook, mylar composite
		A. Independent Coal and Coke Co.	Roads, RR tracks, streams, elevations, contours. Property map only-- no mine information	1913	1:6000	1 blkln		
K94	Secs. 27, 28, 33 (21-7E)	<u>SUNSET MINE:</u> National Coal Co.					VII-31	105mm, mapbook mylar composite
		A. Map showing development in secs. 27, 28 and 33, T. 21 N., R. 7 E.	Roads, RR tracks, buildings, streams, elevations; mine workings. Surface survey of National Coal Co. land	no date	1:4800	1 bluln 1 sepia		
		B. Sunset Coal Mining Co. National Coal Co., Inc.	Roads, RR tracks, streams; mine tunnels	1915	1:6000	1 blkln		
		C. National Coal Co. Sunset mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1915	1:1200	1 blupt		
		D. Map of no. 2 slope	Mine workings	1916	1:1200	1 bluln 1 sepia		
		E. Development of seam 1 and 2 -- workings in seams not finally identified	Roads, RR tracks, buildings, streams, elevations. (Seam no. 1 = <u>Sunset mine</u>)	1918	1:1200	1 blupt		
K95	Sec. 28 (21-7E)	<u>NAVY MINE:</u> Naval Coal Co.					I-41	mapbook, mylar composite
		A. Map of Navy mine	RR tracks, buildings, elevations; mine workings. (a.k.a. <u>Ozark mine</u> -- after 1918)	1914	1:1200	1 blupt		
K96	Secs. 21, 22, 27, 28 (21-7E)	<u>EUREKA MINE:</u> Cumberland Coal Mining Co.					I-43	105mm,
		A. Map of the property of Cumberland Coal Mining Co.	Roads, RR tracks, buildings, streams, elevations; mine workings. Town of Cumberland	1921	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K96	Secs. 21, 22, 27, 28 (21-7E)	<u>EUREKA MINE</u> : Cumberland Coal Mining Co.—Continued		1924	1:1200	1 blupt	I-43	105mm, mapbook, mylar composite
		B. Eureka seam workings	Roads, RR tracks, buildings, streams, elevations; mine workings					
K97	Sec. 21 (21-7E)	<u>CARBON FUEL CO. MINE NO. 4</u> : Carbon Fuel Co.		1946	1:1200	1 bluln	I-44	mapbook, mylar composite
		A. Mine no. 4	Roads, RR tracks, elevations; mine workings					
K98	Secs. 15, 22 (21-7E)	<u>NEW CARBON SEAM</u> : Carbon Fuel Co.		1936	1:1200	1 blupt	VII-34	mylar, mapbook, mylar composite
		A. Slope on New Carbon seam	Buildings, streams, elevations; mine workings					
		B. Slope on New Carbon seam	Buildings, streams, elevations; mine workings					
		C. Slope on no. 3, New Carbon seam	Roads, buildings, streams, elevations, contours; mine workings,					
		D. Carbon Fuel Co., slope on no. 3, New Carbon seam	Roads, streams, elevations	1938	1:6000	1 ink sketch		
K99	Secs. 15, 22 (21-7E)	<u>DALY MINE, CARBON MINE</u> : Carbon Coal and Clay Co.; Carbon Fuel Co. *		1915	1:1200	1 blupt	VI-5	105mm, mapbook, mylar composite
		A. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		B. Daly mine, no. 1 seam	Mine workings					
		C. Daly mine, no. 3 seam	Mine workings					
		D. Map of property and workings, Carbon mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings					
		E. Map of Carbon Fuel Co. Carbon and Daly seam workings *	Buildings, streams, elevations; mine workings					
		F. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		G. Map of property and workings of Daly mine	RR tracks, buildings, streams, elevations; mine workings					
		H. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		I. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		J. Map of property and workings of Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		K. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
		L. Map of property and workings, Daly mine	Roads, RR tracks, buildings, streams, elevations; mine workings					
M. Map of property and workings of Daly mine	RR tracks, buildings, streams, elevations; mine workings							

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K100	Sec. 22 (21-7E)	<u>CUMBERLAND-BAYNE AREA</u>					I-49	-----
		A. Stratigraphic relationships of coal beds in the Cumberland-Bayne area	Columnar sections	1957	1:2400	1 bluln		
K101	Secs. 15, 16 (21-7E)	<u>OCCIDENTAL MINES: Occidental Coking Coal Co.; Coalgate Coal Co.*; Morris Brothers, Inc.**</u>					VII-30	105mm, mapbook, mylar composite
		A. Map Occidental Coking Coal Co.	Roads, RR tracks, streams; "Survey no. 6 water level by Boyle"	1910	1:1200	1 blupt		
		B. Occidental Coking Coal Co. property in sec. 16, T. 21 N., R. 7 E., King County	Roads, RR tracks, buildings, streams; mine workings	1912	1:1200	1 blupt		
		C. Coalgate Coal Co. property in secs. 15 and 16, T. 21 N., R. 7 E.	Roads, RR tracks, buildings; mine workings	1925	1:1200	1 bluln 1 sepia		
		D. Occidental mines	Roads, RR tracks, buildings; mine workings	1932	1:1200	2 blupt		
		E. Occidental no. 14 vein in sec. 16, T. 21 N., R. 7 E.	Roads, RR tracks, buildings, elevations; mine workings	1940	1:1200	2 blupt		
K102	Secs. 13, 14, 23-26 (21-7E)	<u>BIG 6 MINE: Pocahontas Coal and Coke Co.</u>					VII-33	mapbook mylar composite
		A. Map showing property in sec. 23, T. 21 N., R. 7 E.	Roads, RR tracks, buildings, streams, elevations, contours	1917	1:1200	1 blupt		
		B. Pocahontas Coal and Coke Co.'s mine	RR tracks, buildings, streams, elevations, contours; mine workings	1920	1:1200	1 blupt		
		C. Pocahontas Coal and Coke Co. map showing property controlled in secs. 14, 23 and 24, T. 21 N., R. 7 E. and vicinity	RR tracks, buildings, streams, elevations, contours; mine workings. (Leased from N.W.I. Co.) Shows location of mine and prospects	1920	1:4800	1 blupt		

KITTITAS

Kt1	Secs. 1-3 10-12 (19-14E) secs. 1-12 (19-15E) secs. 1-3, 10-15, 22-27, 34-36 (20-14E) secs. 1-36 (20-15E) secs. 2-11, 14-23, 26-35 (20-16E) Locations continued on next page	<u>ROSLYN COALFIELD: Northwestern Improvement Co.; Resources Research, Inc. *</u>					V-1 IV-36	-----
		A. Map of Roslyn coalfield showing coal area	Streams. Shows outcrop limits	1912	1:63,360	1 bluln		
		B. Map of the Roslyn coalfield, workings	Roads (Roslyn plat), RR tracks, streams, elevations; mine workings, bore hole locations. Shows all N.W.I. Co. mines and others in Roslyn field	1921	1:4800	1 bluln		
		C. Map showing relation (of) Lake Cle Elum to mine workings, Roslyn field, (west end, gangways only)	RR tracks, streams, elevations. Shows some boreholes	1923	1:12,000	1 bluln		
		D. Map of the N.W.I. Co.'s coal lands and mines, Roslyn field	Roads, RR tracks, streams, elevations; mine gangways only	1950	1:12,000	1 bluln 1 blkln		
		E. Map of the Roslyn coalfield	Roads, RR tracks, streams, elevations. Shows Cle Elum nos. 1 and 2 and extension. (continued on next page...)					

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt1	Continued from previous page secs. 34-36 (21-14E) secs. 31-36 (21-15E) secs. 31-35 (21-16E)	<u>ROSLYN COALFIELD: Northwestern Improvement Co.; Resources Research, Inc. *- Continued</u>					V-1, IV-36	- - - -
		E. Map of the Roslyn coalfield	(continued from previous page) Independent, Roslyn nos. 1, 2, 3, 4, 5, 6, 7, 7-hill and 8, Roslyn Fuel Co., Roslyn-Cascade and Ronald mines	1955	1:4800	1 bluln		
		F. Map of the Roslyn coalfield—levels (gangways) only	Roads, RR tracks, streams, elevations, contours. Borehole locations. All mines in field	1955	1:12,000	1 bluln		
		G. Locations and cross sections of boreholes in sec. 27, T. 20 N., R. 15 E.	Columnar sections, cross sections	1918	1:600	1 blupt		
		H. Location of boreholes and cross sections, southern part of Roslyn Field	Streams; cross sections, boreholes	1926	1:4800	1 blkln		
		I. Stratigraphic section through portion of Roslyn coal measures compiled from drill records and surveys	Columnar sections	1932	1:600	1 blkln		
		J. Stratigraphic section through portion of Roslyn coal measures compiled from drill records and surveys	Columnar sections (photo-reduction of Map I.)	1932	1:1200	2 photo		
		K. Section of seams at Roslyn	Columnar sections	1932	1:24	2 bluln		
		L. Profile through east section of Roslyn coalfield looking west (no. 7 mine)	Elevations; cross sections. Shows borehole locations	1937	1:1200	1 bluln		
		M. Profile through central section of Roslyn coalfield looking west	Cross sections. Shows borehole locations	1937	1:2400	1 bluln		
		N. Areal extent of coal seams and geologic structure, top of Roslyn no. 5 seam	RR tracks, streams, elevations, contours	1956	1:12,000	1 bluln		
		O. Areal extent of coal seams and geologic structure, top of Roslyn no. 5 seam *	RR tracks, streams, elevations, contours	1958	1:12,000	1 blkln		
		P. Plate X, Stratigraphic sections of drill holes A, B, C, D, E and F, Roslyn-Cle Elum coalfield	Columnar sections	1966	1:600	1 blkln		
		Q. Plate X, Stratigraphic sections of drill holes A, B, C, D, E and F, Roslyn-Cle Elum coalfield	Columnar sections (reduction of Map N.)	1966	1:1200	3 bluln		
Kt2	Secs. 12, 13, 24 (20-14E) secs. 7, 8, 16-21, 28-30 (20-15E)	<u>CITY OF ROSLYN AND VICINITY: Northwestern Improvement Co.</u>					III-48	- - - -
		A. Map of City of Roslyn and vicinity showing general surface features	Roads, RR tracks, buildings, streams, elevations; (some) borehole locations. Also shows the city of Ronald.	1944	1:4800	1 bluln		
Kt3	Secs. 2, 3, 10, 11 (20-14E)	<u>CLE ELUM DAM: Department of the Interior, Bureau of Reclamation—Yakima Storage Project</u>					III-47	- - - -
		A. Cle Elum Dam location and log of test holes	Streams, elevations, contours; columnar sections, cross sections	1931	1:2400	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt4	Secs. 1, 2, 11, 12 (20-14E)	<u>NORTHWESTERN IMPROVEMENT CO. COAL DEVELOPMENT:</u> N.W.I. Co.					III-46	105mm
		A. Map showing coal development in parts of secs. 1, 2, 11 and 12, T. 20 N., R. 4 E.	Roads, RR tracks, elevations, contours; mine workings, columnar sections, cross sections. Also shows <u>Wright, Lake, Blue Flame, Plant and Roslyn no. 3 mines</u>	1943	1:1200	2 bkl n		
		B. Map showing coal development in parts of secs. 1, 2, 11 and 12, T. 20 N., R. 4 E.	RR tracks; mine workings. Also shows <u>Plant, Wright, old workings and Roslyn no. 3</u> . This map is printed from a tracing of Map A.	1978	1:1200	1 bl n		
Kt5	Sec. 2 (20-14E)	<u>LAKEDALE MINE NO. 1:</u> Consolidated Fuel Co.					III-50	mylar composite
		A. Map of Lakedale mine no. 1	RR tracks, buildings, elevations; mine workings. Profile of entry, profile of air course	1910	1:600	1 blupt		
Kt6	Sec. 2 (20-14E)	<u>PLANT MINE:</u> Northwestern Improvement Co.					III-52	mylar composite
		A. Map of Plant mine	RR tracks, buildings, elevations, contours; mine workings	1918	1:1200	1 blupt		
Kt7	Secs. 1, 2 and 12 (20-14E)	<u>JONESVILLE COAL CO.'S MINES:</u> Jonesville Coal Co.					III-56	105mm, mylar
Kt8		A. (Kt8) Jonesville Coal Co., No. 1 mine	Roads, RR tracks, buildings, streams; mine workings. Old workings <u>Roslyn Fuel Co. no. 1 mine</u>	1938	1:1200	1 blupt		
Kt9		B. (Kt9) Map showing development in Big Vein-Mine no. 3 (old workings Roslyn Fuel Co. mine no. 2)	Roads, buildings, streams, elevations; mine workings. Note: mine finished	1940	1:1200	1 blupt		
		C. (Kt7) Mine no. 4, no. 6 seam	Buildings; mine workings. Extension of <u>Roslyn Fuel Co. mine no. 3, no. 6 seam</u>	1945	1:1200	1 blupt		
		D. (Kt7) Mine no. 4, no. 6 seam	Buildings; mine workings, cross sections. Connects with <u>Roslyn Fuel Co. mine no. 3, no. 6 seam</u>	1947	1:1200	1 bkl n		
Kt10	Secs. 1, 2, 11, 12 (20-14E)	<u>ROSLYN FUEL CO.' S MINE NO. 3:</u> Roslyn Fuel Co.					IV-32	105mm, mylar composite
		A. Development plan and progress map of no. 3 mine	Buildings; mine workings	1920	1:1200	1 bkl n		
		B. Map of the Roslyn Fuel Co.'s mine no. 3	Roads, RR tracks, buildings, elevations, contours; mine workings. Overlays <u>Mine no. 1 and Mine no. 2</u>	1926	1:1200	1 blupt		
Kt11	Sec. 12 (20-14E)	<u>ROSLYN FUEL CO.'S MINES NOS. 1 AND 2:</u> Roslyn Fuel Co.					IV-31	105mm, mylar, mapbook
Kt12		A. (Kt11) Mines and property of the Roslyn Fuel Co.	RR tracks, buildings, elevations, contours; mine workings. Note: All mine elevations are bottom of coal, magnetic variation 22°30'	1920	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt11 Kt12	Sec. 12 (20-14E)	<u>ROSLYN FUEL CO.'S MINES NOS. 1 AND 2: Roslyn Fuel Co.—Continued</u>					IV-31	105mm, mylar, mapbook, mylar composite
		B. (Kt 12) Map of Mine no. 2 and structures	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1920	1:1200	2 bluln		
Kt13	Sec. 12 (20-14E)	<u>BUSY BEE MINING AND DEVELOPMENT CO.'S PROPERTY: Busy Bee Mining and Development Co.</u>					III-49	mylar composite
		A. Map of the Busy Bee Mining and Development Co.'s property showing workings on 3½' bed	Mine workings	1915	1:1200	1 blupt		
Kt14	Sec. 12 (20-14E)	<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 2: Roslyn-Cascade Coal Co.</u>					III-54	105mm, mapbook, mylar composite
		A. Map of the Roslyn-Cascade Coal Co.'s mine no. 2	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Town of Ronald	1925	1:1200	1 blupt		
Kt15	Sec. 12 (20-14E)	<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 3: Roslyn-Cascade Coal Co.</u>					III-55	105mm,
		A Map of Roslyn-Cascade Coal Co.'s no. 3 mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1940	1:1200	1 blupt		
Kt16	Secs. 1, 12 (20-14E) secs. 6, 7 (20-15E)	<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 4: Roslyn-Cascade Coal Co.</u>					IV-33	105mm, mapbook, mylar composite
		A. Map of the Roslyn-Cascade Coal Co.'s no. 4 mine, southern part	RR tracks, buildings, streams, elevations, contours; mine workings	1938	1:1200	1 blupt		
		B. Map of Mine no. 4 on no. 6 seam	Buildings, streams	1956	1:1200	1 blupt		
		C. Annex to no. 4 mine	Elevations, contours; mine workings	1952	1:1200	1 blupt		
		D. Annex to no. 4 mine	Elevations, contours; works	1953	1:1200	1 blupt		
		E. Annex to no. 4 mine	Elevations, contours; mine workings	1957	1:1200	1 blupt		
Kt17	Sec. 6 (20-15E)	<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 1: Roslyn-Cascade Coal Co.</u>					III-53	105mm, mylar, mapbook
		A. Map of the Roslyn-Cascade Coal Co.'s Mine no. 1	RR tracks, buildings, elevations, contours; mine workings	1940	1:1200	1 blupt		
Kt18	Secs. 12, 13 (20-14E) secs. 7, 8, 17, 18, 19 (20-15E)	<u>ROSLYN NO. 3 MINE: Northwestern Improvement Co.</u>					V-2, V-3	105mm, mylar, mapbook
		A. Map of Roslyn no. 3 mine, north half	Roads, RR tracks, buildings, streams, elevations; mine workings	1946	1:1200	1 blupt		
		B. Working map of the Roslyn no. 3 mine, south half	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1946	1:1200	1 blupt		
		C. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Streams, mine workings	1950	1:1200	1 blupt		
		D. No. 3 Annex	Mine workings. Shows Mine no. 4. This map joins Map K. on east line	1951	1:1200	1 blupt		
		E. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Streams; mine workings	1952	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt18	Secs. 12, 13 (20-14E) secs. 7, 8, 17, 18, 19 (20-15E)	ROSLYN NO. 3 MINE: Northwestern Improvement Co.— Continued					IV-32	105mm, mylar, mapbook, mylar composite
		F. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Streams; mine workings	Aug., 1952	1:1200	1 blupt		
		G. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Streams; mine workings	1954	1:1200	1 blupt		
		H. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Mine workings	Jan. 1 1956	1:1200	1 blupt		
		I. N.W.I. Co. map of Roslyn no. 3 mine, southern part	Buildings, streams; mine workings	Jan. 27, 1956	1:1200	1 blupt		
		J. No. 3 annex	Buildings, streams, elevations; mine workings, columnar sections, Shows no. 9 mine, 3rd west entry	1956	1:1200	1 blupt		
		K. Annex to Roslyn no. 3 mine, Big Seam extension	Streams; mine workings (see note, Map D.)	1958	1:1200	1 blupt		
		L. Map of Roslyn no. 3 mine, Big Vein	RR tracks, contours; mine workings	1959	1:1200	1 blupt 1 blkln		
		M. Cross section on line of Roslyn no. 3 slope	Elevations; cross sections	1913	1:1200	2 bluln		
		N. Sketch showing cross sections on line no. 3 slope—looking west	Elevations; cross sections	1929	1:2400	3 bluln		
		O. Cross section through south end of slope—no. 3 mine	Streams, elevations; columnar sections, cross sections. Note: cross sections of 6, 7 and 8 were taken of outcrop on section 2	1931	1:2400	1 bluln		
		P. Cross section through south end of slope—no. 3 mine	Elevations; columnar sections, cross sections	1932	1:3600	1 bluln		
		Q. Cross sections of the Roslyn bed at no. 3 mine	Columnar sections	1932	1:6	1 blkln 2 bluln		
		R. Cross section showing stratigraphic section through no. 3 mine dome on line of proposed haulage tunnel compiled from drill hole records	Elevations, columnar sections, cross sections	1946	1:600			
		S. Comparison of sections through coal measures showing folds and faulted structures in vicinity of no. 3 mine as constructed by George Otis Smith in 1904 and as present mining has developed them—view looking westerly	Cross sections	1978	1:1200	1 ink on mylar 1 bluln		
Kt19	Sec. 13 (20-14E) secs. 18-20 (20-15E)	RONALD NO. 2 MINE: Northwestern Improvement Co.					IV-30	105mm, mapbook, mylar composite
		A. Map of Ronald no. 2 mine, Big Vein	Elevations; mine workings	1947	1:1200	1 blupt		
		B. Map of Ronald no. 2 mine, Big Vein	Elevations; mine workings	1949	1:1200	1 blupt		
		C. Roslyn Big Seam (annex to Map D. on east line)	Elevations; mine workings, cross sections	1955	1:1200	1 blupt		
		D. Map of Ronald no. 2 mine, Big Vein	Elevations; mine workings	1956	1:1200	1 blupt 1 bluln		
Kt20	Secs. 5, 8, 9 (20-15E)	ROSLYN NO. 8 MINE: Northwestern Improvement Co.					IV-29	105mm, mapbook, mylar composite
		A. Map showing $9\frac{1}{2}$ west entry and slope no. 8 mine	Mine workings	1926	1:1200	1 blupt		
		B. Map of Roslyn no. 8 mine, east and west sides	Elevations; mine workings	1929	1:1200	1 blupt		

KITTITAS - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt21	Sec. 13 (20-14E) secs. 7, 8, 16-20 (20-15E)	<u>ROSLYN NO. 2 MINE:</u> Northwestern Improvement Co.					IV-25	105mm, mylar, mapbook, mylar composite
		A. Working map of Roslyn no. 2 mine	Elevations, contours; mine workings	1939	1:1200	1 blupt		
		B. Working map of Roslyn no. 2 mine	RR tracks, buildings, elevations, contours; mine workings. Also shows <u>mines nos. 4, 1, 6 and 5</u>	1942	1:1200	1 blupt		
Kt22	Secs. 16-18, 20, 21 (20-15E)	<u>ROSLYN NO. 4 MINE:</u> Northwestern Improvement Co.					IV-26	105mm, mylar, mapbook, mylar composite
		A. Working map of Roslyn no. 4 mine	Buildings; mine workings. Also shows <u>no. 5 mine</u>	1947	1:1200	1 blupt		
		B. Map of the N.W.I. Co.'s mine no. 4	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Roslyn town plat overlain	1960	1:1200	1 blupt		
		C. Cross section extending along line of bore holes southward from Roslyn no. 4 shaft, looking westward	Elevations; cross sections	1921	1:4800	2 bluln		
		D. Cross section extending along line of boreholes southward from Roslyn no. 4 shaft, looking eastward	Elevations; cross sections	1921	1:4800	2 bluln		
		E. Cross section through the Roslyn field along the line of no. 4 slope	Elevations; cross sections	1924	1:12,000	2 bluln		
		F. Cross section west of no. 4 slope	Columnar sections, cross sections	c. 1921	1:1200	2 bluln		
Kt23	Secs. 17-21, 28-29 (20-15E)	<u>ROSLYN NO. 9 MINE:</u> Northwestern Improvement Co.					V-5	105mm, mylar, mapbook, mylar composite
		A. N.W.I. Co. map of Roslyn no. 9 mine	Buildings; mine workings	1947	1:1200	1 blupt		
		B. N.W.I. Co. map of Roslyn no. 9 mine	Buildings; mine workings	Jan., 1949	1:1200	1 blupt		
		C. N.W.I. Co. map of Roslyn no. 9 mine	Buildings; mine workings	Dec., 1949	1:1200	1 blupt		
		D. Map of Roslyn no. 9 mine	Buildings, elevations; mine workings	1963	1:1200	1 blupt		
		E. Map of Roslyn no. 9 mine, Big Seam	RR tracks, buildings; mine workings	Dec., 1963	1:1200	1 bluln		
		F. Annex to map of Roslyn no. 9 mine	Mine workings	Dec., 1963	1:1200	1 bluln		
		G. Contour map-- bottom of coal, big vein, south of Roslyn shaft	Elevations, contours; mine workings, bore hole locations	1927	1:2400	1 blkln		
		H. Cross sections of the Roslyn bed at no. 9 mine	Columnar sections	1932	1:6	2 bluln		
		I. Cross section of no. 9 mine dome	RR tracks, elevations; cross sections	1940	1:600	1 blupt		
		J. no. 9 mine, looking west on line of haulage slopes (cross section)	Elevations; cross section. Also shows profile along <u>no. 4 mine slope</u>	1978	1:2400	1 ink on mylar 1 bluln		
Kt24	Secs. 14-16, 22, 23 (20-15E)	<u>ROSLYN NO. 6 MINE:</u> Northwestern Improvement Co.					IV-27	105mm, mapbook, mylar composite
		A. Map of Roslyn no. 6 mine	RR tracks, buildings, streams, elevations, contours; mine workings. Also shows <u>Summit mine</u>	1923	1:1200	1 blupt		
Kt25	Sec. 16 (20-15E)	<u>ROSLYN NO. 1 MINE:</u> Northwestern Improvement Co.					III-58	105mm, mylar composite
		A. Map of Roslyn no. 1 mine	Streams, elevations, contours; mine workings	1923	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt26	Secs. 16, 17, 20-23, 27-29, 34 (20-15E)	<u>ROSLYN NO. 5 MINE:</u> Northwestern Improvement Co.					V-4	105mm, mylar, mapbook, mylar composite
		A. N.W.I. Co. map of Roslyn no. 5 mine	RR tracks, buildings, contours; mine workings	1939	1:1200	1 blupt		
		B. N.W.I. Co. map of Roslyn no. 5 mine	RR tracks, buildings, contours; mine workings	June, 1943	1:1200	1 blupt		
		C. N.W.I. Co. map of Roslyn no. 5 mine	RR tracks, buildings, contours; mine workings	Nov., 1943	1:1200	1 blupt		
		D. Map of Roslyn no. 5 mine	Roads, RR tracks, buildings, elevations; mine workings	1944	1:1200	1 blkln		
		E. Map of Roslyn no. 5 mine	RR tracks, buildings, elevations, contours; mine workings. Also shows <u>Townsend mine</u>	1947	1:1200	1 blupt		
		F. Annex to map of Roslyn no. 5 mine	Mine workings, cross sections	1947	1:1200	1 blupt		
		G. East annex to map of Roslyn no. 5 mine	Mine workings	1947	1:1200	1 blupt		
		H. N.W.I. Co. map of Roslyn no. 5 mine, New Rock slope	Mine workings	Jan., 1940	1:1200	1 blupt		
		I. N.W.I. Co. map of Roslyn no. 5 mine, New Rock slope	Mine workings	Aug., 1940	1:1200	1 blupt		
		J. N.W.I. Co. map of Roslyn no. 5 mine, New Rock slope and both annexes	Mine workings	1941	1:1200	1 blupt		
		K. Map of Roslyn no. 5 mine, New Rock slope	Elevations; mine workings, columnar sections	1947	1:1200	1 blupt		
		L. Map of no. 5 mine south airway, Big Seam	RR tracks, buildings, streams; mine workings	1963	1:1200	1 bluln		
		M. Cross sections of the Roslyn bed at no. 5 mine	Columnar sections	1932	1:6	1 blkln 2 bluln		
N. No. 5 mine looking west along line of haulage slope	Elevations; cross sections. Also shows profile along slope line, Roslyn coal seam	1945	1:2400	1 bluln				
Kt27	Sec. 4 (19-15E)	<u>ROTHLISBERGER'S COAL EXPLORATIONS:</u> Northwestern Improvement Co.					III-51	- - - -
		A. Map showing Rothlisberger's coal explorations, vicinity of south Cle Elum, Kittitas County, Wash.	Mine tunnel. Profile along rock tunnel	1930	1:2400	1 blkln		
Kt28	Secs. 14-15, 22-23, 25-27 (20-15E)	<u>ROSLYN NO. 7 MINE:</u> Northwestern Improvement Co.					IV-28	105mm, mylar, mapbook, mylar composite
		A. Map of Roslyn no. 7 mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1932	1:1200	1 blupt		
		B. Map of Roslyn no. 7 mine, upper part	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Strip pit finished Dec. 30, 1945	1946	1:1200	1 blupt		
		C. Roslyn no. 7 hill workings	Streams, elevations, contours; mine workings	1931	1:1200	1 blupt		
		D. Map of Roslyn no. 7 mine, hill workings	Elevations, contours; mine workings. Mine finished Aug. 20, 1936	1946	1:1200	1 blupt		
		E. Cross sections of the Roslyn bed at no. 7 hill mine	Cross sections	1932	1:6	2 bluln 1 blkln		
	F. Synclinal and anticlinal structures of Roslyn seam in easterly workings nos. 5 and 7 mines	RR tracks, streams, elevations; cross section profile. Also, see Rothlisberger prospect, (Kt27)	1946	1:3600	1 bluln			

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt29	Secs. 14, 15, 23 (20-15E)	<u>SUMMIT MINE</u> : Summit Coal Mining Co.					III-57	105mm, mylar, mapbook, mylar composite
		A. Summit mine	Buildings, elevations; mine workings	1910	1:1200	1 sepia		
		B. Summit mine	Buildings, elevations, contours; mine workings	1918	1:1200	1 blupt		
Kt30	Secs. 23-26 (20-25E)	<u>CLE ELUM NOS. 1, 2 AND 3 MINES</u> : Northwestern Improvement Co.					IV-34	105mm, mapbook, mylar composite
		A. Working map of Cle Elum nos. 1 and 2 mines	RR tracks, buildings, streams, elevations, contours; mine workings. Also shows no. 3 mine	1919	1:1200	1 blupt		
		B. Working map of Cle Elum nos. 1 and 3 mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Cle Elum plat overlain	1919	1:1200	1 blupt		
		C. Northern portion of Cle Elum nos. 2 and 3 extension	RR tracks, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 blupt		
Kt31	Sec. 24 (20-15E)	<u>AMERICAN CANADIAN FUEL CO.'S PROPERTY IN SEC. 24, T. 20 N., R. 15 E.</u> : American Canadian Fuel Co.					III-59	- - - -
		A. American Canadian Fuel Co.'s property in sec. 24, T. 20 N., R. 15 E.	RR tracks, buildings, elevations, contours; mine workings	1912	1:1200	1 blupt		
Kt32	Secs. 25-26, 35-36 (20-15E)	<u>INDEPENDENT COAL AND COKE CO.'S MINE NO. 1</u> : Independent Coal and Coke Co.					IV-35	- - - -
		A. Map of Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings. City of Cle Elum plat overlain	1923	1:1200	1 blupt		
		B. Map of Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings	1924	1:1200	1 blupt		
		C. Map of the Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings	1925	1:1200	1 blupt		
		D. Map of the Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings	Jan., 1926	1:1200	1 blupt		
		E. Map of the Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings	June, 1926	1:1200	1 blupt		
		F. Map of Independent Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, elevations, contours; mine workings	Dec., 1926	1:1200	1 blupt		
								microfilm reel 3 microfilm reel 4

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
L1	Secs. 3, 4, 7-10, 14-18 (14-1W)	<u>COAL CROPPINGS IN LEWIS COUNTY</u>					III-17	microfilm reel 4 -----
		A. Coal croppings in Lewis County, Wash.	RR tracks, buildings, streams. Shows <u>Empress mine shaft, Monarch mine, Koptah slope and Columbia, Smith's and Mendota mines</u>	1921	1:7200	1 blkln		
L2	Secs. 29, 32 (15-3W)	<u>COLUMBIA COLLIERY MINE: Columbia Colliery Coal Co.</u>					III-18	mylar, mapbook
		A. Map of the Columbia Colliery	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1923	1:1200	1 ink on linen 1 blupt 1 bluln 1 sepia		
L3	Secs. 19, 20, 29, 30 (15-2W)	<u>FORD'S PRAIRIE COAL CO.'S MINE NO. 1: Ford's Prairie Coal Co.</u>					V-9	105mm, mylar
		A. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1921	1:1200	1 blupt		
		B. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1932	1:1200	1 blupt		
		C. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1935	1:1200	1 blupt		
		D. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1943	1:1200	1 blupt		
		E. Map of the Ford's Prairie Coal Co.'s mine no. 1	Roads, RR tracks, buildings, elevations; mine workings	1944	1:1200	1 bluln		
		F. Map of the Ford's Prairie Coal Co.'s mine no. 1	Roads, RR tracks, buildings; mine workings. Has haulage road and bore hole survey inked in	1944	1:1200	1 bluln		
		G. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1945	1:1200	1 blupt		
		H. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; mine workings	1947	1:1200	1 blkln		
		I. Map of the Ford's Prairie Coal Co.'s mine no. 1	RR tracks, buildings; streams; mine workings	1948	1:1200	1 bluln		
L4	Sec. 29 (15-2W)	<u>MARTIN'S COAL MINE: Stoker Coal Co.</u>					III-19	mylar, mapbook
		A. Martin's coal mine	Mine plan with survey. Old map, traced in 1962	1962	1:300	1 blkln		
		B. Martin's coal mine	Mine workings. Survey of borehole locations	no date	1:1200	1 bluln		
L5	Sec. 29 (15-2W)	<u>STOKER COAL MINING CO. MINE: Stoker Coal Mining Co.</u>					III-20	-----
		A. Map showing mine of Stoker Coal Mining Co.	Roads, buildings, streams; mine workings	1939	1:1200	1 blupt		
		B. Map showing mine of Stoker Coal Mining Co.	Buildings, streams; mine workings	1943	1:1200	1 blupt		
		C. Stoker Coal Co., Tono area	Streams; mine workings. Shows location of <u>Hannaford no. 1 mine and Martin's mine</u>	no date	1:1200	1 bluln		
L6	Sec. 29 (15-2W)	<u>NONPAREIL MINE: Peoples Fuel Co., Inc.</u>					IV-11	105mm, mylar, mapbook
		A. Mine map of Peoples Fuel Co., Inc. Nonpareil mine	Roads, RR tracks, buildings, streams; mine workings	1941	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
L7	Secs. 29, 30 (14-2W)	<u>SUPERIOR NO. 2:</u> Superior Coal Co.					III-22	105mm, mylar, mapbook
		A. Plat of Superior Coal Co.'s mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1920	1:1200	1 blupt		
L8	Sec. 28 (14-2W)	<u>LEONARD PROPERTY</u>					III-28	mylar
		A. Map of the Leonard property	RR tracks, streams, elevations, contours. Includes area map: 1:126,720	1917	1:2400	1 blupn 1 sepia		
L9	Sec. 28 (14-2W)	<u>RELIANCE COAL MINE:</u> Reliance Coal Co.					III-29	105mm, mylar, mapbook
		A. Map of Reliance coal mine	Roads, RR tracks, buildings, elevations; mine workings. Shows <u>Leonard mine</u>	1932	1:1200	1 blupt		
L10	Sec. 33 (14-2W)	<u>SHELDON MINE:</u> Sheldon Coal Co.					III-24	mylar, mapbook
		A. Plat of Sheldon Coal Co.'s mine	RR tracks, buildings; mine workings. Profile map: 1:360	1914	1:720	1 blupt		
L11	Sec. 22 (14-2W)	<u>SALZER VALLEY MINE:</u> King Coal Co.					III-21	mylar, mapbook
		A. Plan of Salzer Valley King Coal Co.	Roads, buildings; mine workings	1931	1:1200	1 blupt		
L12	Sec. 34 (15-2W)	<u>CENTRALIA COAL CO. MINE:</u> Centralia Coal Co.					III-23	mylar, mapbook
		A. Map of workings in sec. 34, T. 15 N., R. 2 W.	RR tracks, buildings, streams; mine workings, cross sections	1909	1:1200	1 blupt		
L13	Sec. 35 (15-2W)	<u>CHARLES CHRISTAIN MINE:</u> Hannaford Coal Co.					III-23	mylar, mapbook
		A. Diagram of coal mine	Buildings; mine diagram	1932	1:1000	1 blupt		
L14	Secs. 16, 17 (14-1W)	<u>MONARCH MINE:</u> Monarch Coal Mining Co.					V-8	105mm, mylar, mapbook
		A. Map of the Monarch mine	RR tracks, buildings; mine workings	1922	1:1200	1 blupt		
		B. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings	1924	1:1200	1 blupt		
		C. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings	1927	1:1200	1 blupt		
		D. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope; bottom of map contained in two separate pieces	1931	1:1200	1 blupt (3 parts)		
		E. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope: 1:600	1932	1:1200	1 blupt		
		F. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope: 1:600	1935	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
L14	Secs. 16, 17 (14-1W)	<u>MONARCH MINE</u> : Monarch Coal Mining Co.—Continued					V-8	105mm, mylar, mapbook
		G. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope: 1:600	1936	1:1200	2 blupt		
		H. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope: 1:600	1939	1:1200	1 blupt		
		I. Map of the Monarch mine	RR tracks, buildings, streams, elevations, contours; mine workings. Profile of main slope: 1:600	1940	1:1200	1 blupt		
L15	Sec. 28 (15-1W)	<u>BLACK PRINCE MINE; VICTORY MINE</u> : Black Prince Coal Co.					IV-13	105mm, mylar, mapbook
		A. Map of the property of the Black Prince Coal Co.	RR tracks, buildings; mine workings	1930	1:1200	1 blupt		
		B. Map of the Victory mine	Buildings, streams; mine workings. Shows caved-in areas	1931	1:1200	1 ink on bond		
		C. Map of the property of the Black Prince Coal Co.	Buildings; mine workings. Shows workings of <u>Victory mine</u> west of main slope	1934	1:1200	1 ink on bond		
		D. Map of property of Black Prince Coal Co.	RR tracks, buildings, streams, elevations; mine workings	1936	1:1200	1 blupt		
		E. Map of the property of Black Prince Coal Co.	Roads, RR tracks, buildings; mine workings	1943	1:1200	1 blupt		
		F. Black Prince Coal Co.	Roads, buildings; mine workings	1953	1:1200	1 blkln		
L16	Secs. 28, 33 (15-1W)	<u>FREEBURN MINE</u> : Olympia Coal and Mining Co.					IV-14	mylar, mapbook
		A. Mine map of the Olympia Coal and Mining Co.	Roads, buildings; mine workings	1921	1:1200	1 blupt		
		B. Olympia Coal and Mining Co., Packwood, Wa.	Roads, buildings; mine workings. Includes profile of main slope: 1:600	1922	1:1200	1 blupt		
L17	Secs. 9, 16 (14-1W)	<u>KOPIAH MINE</u> : Wilson Coal Co.					III-25	105mm, mylar, mapbook
		A. Wilson Coal Co., Kopia mine	Mine workings	1911	1:1200	1 linen 1 blupt		
L18	Sec. 34 (15-1W)	<u>BELLE SLOPE MINE</u> : Bucoda Coal Mining Co.; K. and K. Coal Mining Co. *					III-27	mylar
		A. Map of the Belle mine	Roads, streams, elevations, contours; mine workings	1944	1:1200	1 bluIn		
		B. Map of the Belle slope *	Roads, streams, elevations, contours; mine workings	1946	1:1200	1 blkln		
L19	Sec. 34 (15-1W)	<u>HANNAFORD MINE NO. 3</u> : Bucoda Coal Mining Co.					III-26	- - - -
		A. Map of the Hannaford mine no. 3	Roads, RR tracks, streams, elevations, contours; location of air course and manway. Drill log included, bore hole locations	1943	1:2100	2 photo		

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		Title	Details: Surface features Mine workings, etc.					
L19	Sec. 34 (15-1W)	<u>HANNAFORD MINE NO. 3: Bucoda Coal Mining Co.</u> - Continued					III-26	----
		B. Map of the Hannaford Mine no. 3	Roads, buildings, streams, elevations, contours; mine workings	1944	1:1200	1 blun		
L20	Secs. 3, 4, 9, 10 (14-1W)	<u>MENDOTA COAL AND COKE CO.'S MINE NO. 1: Mendota Coal and Coke Co.</u>					IV-12	105mm, mylar, mapbook
		A. Map of Mendota Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, streams; mine workings. Includes profile of main slope: 1:600	1914	1:1200	1 blupt		
		B. Map of Mendota Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, streams, elevations; mine workings. Includes profile of main slope: 1:600. Note: shows where psychrometric readings were taken by George Watkin Evans of Seattle, Wa., 6/30/17	1917	1:1200	1 blupt		
		C. Map of Mendota Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, streams, elevations; mine workings. Includes profile of main slope: 1:600. Note: shows where psychrometric readings were taken by George Watkin Evans of Seattle, Wa., 6/30/17	1917	1:2400	1 blkln		
		D. Map of Mendota Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings streams; mine workings. Includes profiles of no. 1 slope and no. 2 slope, no scale	1923	1:1200	1 blupt		
		E. Map of Mendota Coal and Coke Co.'s mine no. 1	Roads, RR tracks, buildings, streams; mine workings. Profile of slope, no scale	1926	1:1200	1 blupt		
L21	Sec. 10 (14-1W)	<u>SMITH'S COAL CO. MINE NO. 1 (a.k.a. KOLGATE KOLE CO., COMFORT COAL CO., PREMIER COAL CO. or DOMESTIC COAL CO.): Smith's Coal Co.</u>					IV-15	mylar
		A. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, streams; mine workings	1923	1:1200	1 blupt		
		B. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1924	1:1200	1 blupt		
		C. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1931	1:1200	1 blupt		
		D. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1936	1:1200	1 blupt		
		E. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1938	1:1200	1 blupt		
		F. Map of Smith's Coal Co. mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1939	1:1200	1 blupt		

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		Title	Details: Surface features Mine workings, etc.					
L22	Sec. 10 (14-1W)	<u>COLUMBIA COAL CO.'S PROPERTY (OLD SMITH'S MINE):</u> Columbia Coal Co.					IV-16	mylar
		A. Columbia Coal Co.'s property	Roads, buildings; mine workings. Note: see L21	1944	1:1200	1 blupt		
		B. Map of the Columbia Coal Co.'s mines	Roads, buildings, streams; mine workings	Jan., 1945	1:1200	1 blkln		
		C. Map of the Columbia Coal Co.'s mines	Roads, buildings, streams; mine workings	Sept. 1945	1:1200	1 blupt		
		D. Map of the Columbia Coal Co.'s mines	Buildings, streams; mine workings	1946	1:1200	1 bluln		
		E. Map of the Columbia Coal Co.'s mines	Roads, buildings, streams; mine workings	1947	1:1200	2 blkln		
L23	Secs. 15, 22 (11-1E)	<u>TOLEDO COAL MINE:</u> Graham Bros. and Medley Coal Co.					III-31	mylar, mapbook
		A. Sketch showing preliminary work, Graham Bros. and Medley Coal	Elevations. Shows names of adjacent property owners	1943	1:2400	1 blupt		
L24	Secs. 22, 23 (14-2W)	<u>GOLDEN GLOW COAL MINE:</u> Golden Glow Coal Co.					III-30	mylar, mapbook
		A. Location and vertical bearing of Golden Glow coal mine	Plan of mine workings. Includes longitudinal sections showing grades	1939	1:1200	1 pencil		
		B. Survey of Golden Glow coal mine	Buildings; mine plan	1940	1:1200	1 bulpt		
L25	Secs. 12, 13 (14-4E)	<u>EAST CREEK MINES NOS. 3 AND 4:</u> East Creek Coal Co.					IV-17	mylar, mapbook
		A. Map of East Creek mines nos. 3 and 4	RR tracks, buildings, streams, elevations; mine workings	1911	1:1200	1 blupt		
		B. Map of East Creek mines nos. 3 and 4	RR tracks, buildings, streams, elevations; mine workings. This map is a reduction of Map A.	1911	1:4800	1 bluln		
L26	Secs. 12, 13 (14-4E)	<u>PHOENIX COAL CO. PROPERTIES (OLD EAST CREEK MINES):</u> Phoenix Coal Co.					IV-18	105mm,
		A. Map showing surveys on the Phoenix Coal Co.'s properties, Lewis County, Wash.	RR tracks, buildings, streams, elevations, contours; mine workings. Note: see L25	1918	1:1200	1 bluln		
L27	Secs. 26, 35 (13-4E)	<u>CONLEY CREEK COAL MINE:</u> Conley Creek Coal Mining Co.					III-32	mylar
		A. Conley Creek coal mine	Mine workings	1939	1:600	1 blupt		
L28	Sec. 34 (13-4E)	<u>MORTON COAL AND COKE CO. MINE:</u> Morton Coal and Coke Co.					III-35	mylar, mapbook
		A. Map of Morton Coal and Coke Co. mine	Roads, RR tracks, buildings; mine workings	1932	1:1200	2 blupt		
		B. Map of Morton Coal and Coke Co. mine	Roads, elevations; mine workings	1939	1:1200	1 blupt		
L29	Sec. 12 (12-4E)	<u>ATLAS COAL MINES, INC. MINE:</u> Atlas Coal Mines, Inc.					III-33	mylar, mapbook
		A. Atlas Coal Co. tentative plan and profile showing grades in tunnel and gangway, also proposed change in grade	Elevations; cross section: 1:48	1939	1:480	1 pencil		
		B. Atlas Coal Mines, Inc.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1944	1:3600	1 ink 1 photo 2 blkln		

LEWIS - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
L29	Sec. 12 (12-4E)	<u>ATLAS COAL MINES, INC. MINE:</u> Atlas Coal Mines, Inc.—Continued					III-33	mylar
		C. Atlas Coal Mines, Inc.	Roads, contours; mine workings	1944	1:1200	1 blk in		
L30	Secs. 1, 12, 13, 24, 27, 34, 35 (14-10E)	<u>SUMMIT CREEK PROPERTY:</u> White Pass Anthracite Coal Co., Inc					III-34	-----
		A. Detail of coal outcrops in secs. 1, 12, 13 and 24; longitudinal section of coal measure	Roads, buildings, streams, elevations; cross sections	1942	1:12,000	1 blupt 1 photo		
		B. Up to date holdings of White Pass Anthracite Coal Co., Inc.	Roads, buildings, streams; vertical section, east and west through coal measures: 1:12,000	1942	1:12,000	1 blupt 1 photo		
		C. Sketch map White Pass Anthracite Coal Co., Inc.	Roads, buildings, streams, elevations; cross sections showing coal seams, present tunnel and proposed tunnel	1942	1:2200	1 blupt 1 photo		

LEWIS - THURSTON

LT1	All secs. Tps. 14-15, Rs. 1-2W, 1E	<u>COALFIELDS OF WESTERN LEWIS AND THURSTON COUNTIES</u>					III-37	-----
		A. Coalfields of western Lewis and Thurston Counties by George Watkin Evans	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Shows <u>Superior, Monarch, Empress, Mendota, Victory Coal Co., Washington Union Coal Co. and Bucoda Coal Co.</u> mines. Also shows the cities of Chehalis and Centralia	1929	1:24,000	1 blupt		
LT2	Secs. 11-14, 23-26, 35, 36 (15-2W)	<u>PROPERTY AND IMPROVEMENTS OF THE WASHINGTON UNION COAL CO.:</u> Washington Union Coal Co.					IV-19	-----
		A. Property and improvements of the Washington Union Coal Co.	Roads, RR tracks, buildings, streams; mine workings, columnar section of 18' seam, <u>Tono mine</u> (1918)	1912	1:27,000	1 blk in 1 bl in		
		B. Coal holdings, Tono seam, Washington Union Coal Co.	Roads, RR tracks, buildings, streams; mine workings	pre-1929	1:12,000	1 bl in		
		C. General map showing property and improvements of the Washington Union Coal Co. in Lewis and Thurston Counties	Roads, RR tracks, buildings	1929	1:12,000	1 bl in		
LT3	Secs. 2-5, 8-11, 14-16 (14-1W) secs. 12-13, 24-25 (15-2W) secs. 6-9, 14-32, 26-35 (15-1W)	<u>CENTRALIA COALFIELD</u>					III-36	-----
		A. Map of Centralia coalfield showing strip coal reserves	Roads, RR tracks, streams, elevations, contours. Shows drill holes, outcrops of Big, Little and Smith seams, faults and mined areas	1972	1:12,000	1 bl in		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
LTC1	All secs. Tps. 8-16N, Rs. 4W-5E	<u>COALFIELDS AND PROSPECTS OF SOUTHWEST WASHINGTON</u>					III-41	----
		A. Coalfields and prospects of SW Washington	Roads, RR tracks, streams; prospects only	none	1:43,000	1 pencil and ink		

PIERCE

P1	Secs. 1-36 (18-6E) secs. 13-36 (19-6E)	<u>BURNETT-WILKESON-FAIRFAX COALFIELDS AND MINES:</u> Northwestern Improvement Co.					II-26	----
		A. Map of Burnett-Wilkeson-Fairfax coalfield	RR tracks, buildings, streams. Shows Burnett, Wilkeson, Spiketon, Gale Creek, Carbonado, Melmont, Fairfax, Montezuma and South Willis mines	1914	1:12,000	1 bluln		
		B. Map of Burnett-Wilkeson-Fairfax coalfield	Same map as Map A., with undated pencil updates	no date	1:12,000	1 bluln		
		C. Map of coalfields and mines	Roads, RR tracks, buildings, streams; mine gangways. Shows Burnett, Spiketon, So. Willis, Gale Creek, Wilkeson, Crocker, Douty, Carbon, Wingate, Melmont, Fairfax, Old Fairfax and Montezuma mines	no date	1:12,000	1 bluln		
P2	Secs. 2-4, 9-11, 14-16, 21-23, 26-28, 34, 35 (18-6E) secs. 27, 28, 33, 34 (19-6E)	<u>CROPLINE MAP SHOWING SURFACE GEOLOGICAL DATA, WILKESON TO MELMONT</u>					III-2	----
		A. Cropline map showing surface geological data	RR tracks, streams, elevations, contours (west fork of Gale Creek area)	no date	1:1200	1 bluln		
P3	Secs. 10, 15 (19-6E)	<u>COAST COAL CO.'S MINES (SPIKETON):</u> Coast Coal Co.					III-13	----
		A. Map of Coast Coal Co's mines, Spiketon, Wash.	RR tracks, buildings, streams; mine workings	1911	1:1200	1 bluln		
P4	Secs. 10, 15, 22 (19-6E)	<u>AMERICAN COAL CO.'S LANDS AND MINES (SPIKETON):</u> American Coal Co.					V-12	105mm, mylar, mapbook, mylar composite
		A. Map of the American Coal Co.'s coal lands and mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, cross sections	1913	1:1200	1 blupt		
		B. Map of the American Coal Co.'s coal lands and mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings (part 1). Same plus cross-sections and town of Spiketon (part 2)	1914	1:1200	1 blkln (2 parts)		
		C. Map of the American Coal Co.'s lands and mines	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, cross sections	1918	1:1200	1 blupt		

PIERCE - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P5	Sec. 16 (19-6E)	<u>MINE NO. 2: Burn-it Coal Co.</u>					III-8	----
		A. Map of the Burn-it Coal Co.'s mine no. 2	Roads, RR tracks, buildings, streams, elevations; mine workings	1932	1:1200	1 blupt		
P6	Secs. 16, 21, 22, 27, 28 (19-6E)	<u>BURNETT MINE: Pacific Coast Coal Co.</u>					V-11	105mm, mylar, mapbook, mylar composite
		A. Map of Burnett coalfield	RR tracks, buildings; mine gangways, columnar sections, cross sections. Shows land owned by P.C.C. Co. and leased from N.W.I. Co. Shows <u>Gale Creek mine</u> and town of Burnett	1916	1:3600	2 blupt		
		B. Map of Burnett mine, composite	Roads, RR tracks, buildings, streams; mine workings. Profile of main slope	1917	1:1200	1 bluln		
		C. Map of Burnett mine, composite	Roads, RR tracks, buildings, streams; mine workings, profile of main slope	1927	1:1200	1 bluln 1 sepia		
		D. Map of Burnett mine, no. 2 seam	Roads, RR tracks, buildings, streams; mine workings	1927	1:1200	1 blupt		
		E. Burnett no. 3 seam east dip east of fault, 3rd level north	Streams; mine workings	1927	1:1200	1 blupt		
		F. Burnett no. 4 seam east dip east of fault, 3rd level north	Streams, mine workings. Note: mine closed down 8/25/27	1927	1:1200	1 blupt		
P7	Sec. 22 (19-6E)	<u>SOUTH WILLIS MINES: Gale Creek Coal Mining Co.</u>					III-9	mylar, mylar composite
		A. Property of the Gale Creek Coal Mining Co. in sec. 22, T. 19 N., R. 6 E. (South Willis mines)	Roads, RR tracks, buildings, streams, contours; mine tunnels	c. 1903	1:2400	2 bluln		
P8	Secs. 21, 28 (19-6E)	<u>PEANUT MINE: Peanut Coal Co.</u>					IV-5	105mm, mylar, mylar composite
		A. Map of the Peanut Coal Co. Peanut mine	Roads, RR tracks, buildings, streams, elevations; mine workings. Also shows old <u>Burnett</u> workings, old <u>Gale Creek</u> workings, the towns of Wilkeson and Hope	1932	1:1200	1 blupt		
		B. Map of the Peanut Coal Co. Peanut mine	Roads, RR tracks, buildings, streams; mine workings	1934	1:1200	1 blupt		
		C. Map of the Peanut Coal Co. Peanut mine	Roads, RR tracks, buildings, streams; mine workings	1935	1:1200	1 blupt		
P9	Sec. 28 (19-6E)	<u>KRANKO QUEEN MINE; KRANKO AND WILSON QUEEN MINE: Queen Mining Co.</u>					III-7	105mm, mylar, mylar composite
		A. Map of Kranko and Wilson Queen mine	Roads, buildings, streams; mine workings	1933	1:1200	1 blupt		
		B. Map of Kranko Queen mine	Roads, buildings, streams, elevations; mine workings	1936	1:1200	1 blupt		
P10	Sec. 27 (19-6E)	<u>APEX COAL CO. MINE: Apex Coal Co.</u>					IV-9	mylar composite
		A. Apex Coal Co. map showing survey in south water level gangway east dip	Roads, RR tracks, buildings, streams, elevations; mine workings.	1935	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P10	Sec. 27 (19-6E)	<u>APEX COAL CO. MINE:</u> Apex Coal Co.—Continued					IV-9	mylar, mylar composite
		B. Apex Coal Co. map showing survey in south water level gangway, east dip	Roads, RR tracks, buildings, streams, elevations; mine workings. Also shows Henry Bartoy, Commercial Coal, Wilkeson Coal and Coke Co. no. 4 seam and Dependable mines (Maps A., C., D., E. and F. also show these mines)	1936	1:1200	1 blupt		
		C. Apex Coal Co. map showing survey in south water level gangway, east dip	Roads, RR tracks, buildings, streams, elevations; mine workings	1937	1:1200	1 blupt		
		D. Apex Coal Co. map showing survey in south water level gangway, east dip	Roads, RR tracks, buildings, streams, elevations; mine workings	1938	1:1200	1 blupt		
		E. Apex Coal Co. map showing survey in south water level gangway, east dip	Roads, RR tracks, buildings, streams, elevations; mine workings	1939	1:1200	1 blupt		
		F. Apex Coal Co. map showing survey in south water level gangway, east dip	Roads, RR tracks, buildings, streams, elevations; mine workings	1941	1:1200	1 blupt		
P11	Sec. 27 (19-6E)	<u>DEPENDABLE COAL CO. NO. 4 SEAM:</u> Dependable Coal Co.					IV-10	mylar
		A. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings. Operated under lease from Wilkeson Coal and Coke Co.	1935	1:1200	1 blupt		
		B. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings	1937	1:1200	1 blupt		
		C. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings	1938	1:1200	1 blupt		
		D. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings	1939	1:1200	1 blupt		
		E. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings	1941	1:1200	1 blupt		
		F. Dependable Coal Co. map showing survey in no. 4 seam	RR tracks, buildings; mine workings. Also shows Apex mine workings	1942	1:1200	1 blupt		
P12	Sec. 27 (19-6E)	<u>HENRY BARTOY'S MINE:</u> Bartoy Coal Co. (leased from Wilkeson Coal and Coke Co.)					III-11	mylar, mylar composite
		A. Survey in Harry Bartoy's mine (a.k.a. Harry Rotoy)	RR tracks, buildings; mine workings	1935	1:1200	1 blupt		
		B. Survey in Harry Bartoy's mine (a.k.a. Harry Rotoy)	RR tracks; mine workings. Operated under lease from Wilkeson Coal and Coke Co.	1937	1:1200	1 blupt		
P13	Sec. 28 (19-6E)	<u>QUEEN MINE:</u> Buralli Mining Co.					III-14	105mm, mylar, mylar composite
		A. Map of the Buralli Mining Co.'s Queen mine	RR tracks, buildings, streams, elevations; mine workings	1932	1:1200	1 blupt		
P14	Sec. 28 (19-6E)	<u>GALE CREEK COAL AND COKE CO.'S MINE:</u> Gale Creek Coal and Coke Co.					II-28	mylar, mapbook, mylar composite
		A. Map of Gale Creek Coal Co.'s mine	Roads, RR tracks, buildings, streams; mine workings	1908	1:1200	2 sepia		
		B. Map of Gale Creek Coal Mine Co.'s mine, Wilkeson, Wa.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1912	1:1200	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P15	Sec. 27 (19-6E)	<u>COMMERCIAL COAL CO. MINE NO. 5 SEAM:</u> Commercial Coal Co.; East Miller Coal Co. *					III-10	mylar, mylar composite
		A. Commercial Coal Co. map showing survey of workings in no. 5 seam, water level east dip	Roads, RR tracks, buildings, streams; mine workings. Also shows Wilkeson no. 4 seam, water level east dip	1935	1:1200	1 blupt		
		B. Commercial Coal Co. map showing survey of workings in no. 5 seam, water level east dip	RR tracks, buildings, elevations; mine workings	1939	1:1200	2 blupt		
		C. Commercial Coal Co. map showing survey of workings in no. 5 seam, water level workings *	RR tracks, buildings, streams, elevations; mine workings (Commercial Coal Co. became East Miller Coal Co. in 1940)	1940	1:1200	1 blupt		
		D. East Miller Commercial Coal Co. map showing survey workings in no. 5 seam, water level east dip *	Roads, RR tracks, buildings, streams, elevations; mine workings. Also shows workings in no. 4 seam, water level east dip	1941	1:1200	1 blupt		
P16	Sec. 27 (19-6E)	<u>WILKESON-WINGATE COAL CO. MINE NO. 4 SEAM:</u> Wilkeson-Wingate Coal Co.					IV-6	mylar
		A. No. 4 seam water level, east dip	RR tracks, buildings, streams, elevations; mine workings	1938	1:1200	1 blupt		
		B. No. 4 seam water level, east dip	RR tracks, buildings, streams, elevations; mine workings	1939	1:1200	2 blupt		
		C. Progress map of Wilkeson-Wingate coal mine, Wilkeson-Wingate Coal Co.	Mine workings—water level no. 4 seam, east dip	1950	1:1200	1 blupt		
		D. Map showing survey in Wilkeson-Wingate mine	Roads, streams; mine workings—no. 4 seam water level, east dip	1940	1:1200	1 blupt		
P17	Sec. 27 (19-6E)	<u>HENRY BARTOY'S ACME GEM MINE:</u> Acme Gem Coal Co.					III-12	mylar composite
		A. Survey in Harry Bartoy's mine	Roads, streams, elevations; mine workings	1941	1:1200	1 blupt		
P18	Secs. 27, 34 (19-6E)	<u>SKOOKUM MINE:</u> Wilkeson Products Co.					IV-7	105mm, mylar
		A. Map of the Wilkeson Products Co. Skookum mine	RR tracks, buildings, streams; mine workings	June, 1944	1:1200	1 blupt		
		B. Map of the Wilkeson Products Co. Skookum mine	RR tracks, buildings, streams; mine workings	Oct., 1944	1:1200	1 blun		
		C. Sketch showing New Wilkeson mine opening and surface plant, Defense Plant Corporation, Plancor 603	Roads, RR tracks, buildings, streams; mine slopes and gangways (part 1), mine annex, no. 2 seam and no. 3 seam gangways (part 2)	Nov., 1944	1:240	1 blun (2 parts)		
		D. Map of the Wilkeson Products Co. Skookum mine	RR tracks, buildings, streams; mine workings, columnar sections (labeled cross sections)	Jan., 1954	1:1200	2 blupt		
		E. Skookum mine	RR tracks, buildings, streams; mine workings	Mar., 1954	1:1200	1 blun		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P19	Sec. 28 (19-6E)	<u>KELLY COAL CO.'S MINE</u> : Kelly Coal Co.; Wilkeson Miller Coal Co.*					IV-8	mapbook, mylar composite
		A. Kelly Coal Co.	Roads, RR tracks, buildings, streams; mine workings. Shows <u>Acme Gem</u> mine	1938	1:1200	1 blupt		
		B. Kelly Coal Co.	Roads, RR tracks, buildings, streams; mine workings. Shows <u>Acme Gem</u> mine	1939	1:1200	2 blupt		
		C. Kelly Coal Co. (Wilkeson-Miller Coal Co. written in red pencil on map) *	Roads, RR tracks, buildings, streams; mine workings	1940	1:1200	1 blupt		
		D. Kelly Coal Co. (Wilkeson-Miller Coal Co. written in red pencil on map) *	Roads, RR tracks, buildings, streams; mine workings	1941	1:1200	1 blupt		
		E. Kelly Coal Co.	Roads, RR tracks, buildings, streams, elevations; mine workings	1942	1:1200	1 blupt		
P20	Secs. 2-4, 9-11, 14-16 (18-6E) secs. 33, 34 (19-6E)	<u>MELMONT-WILKESON-CARBONADO AREA</u> : Pacific Coast Steel Co.					II-27	- - - -
		A. Map prepared to accompany report of M.C. Butler, Oct. 27, 1923	Roads, RR tracks, streams, elevations, contours; cross sections E-W along center line of secs. 9, 10 and 11. Shows projected coal subcrops, structure, extent of underground workings of some mines	1924	1:6000	1 pencil 1 bluln		
		B. Sections of seams in prospects on part of T. 18 N., R. 6 E.	Descriptions of coal seam sections in tabular form: seam no., strike-dip, coal seam lithology	1923	n/a	1 blkln		
P21	Secs. 2-5, 8-11, 14-17 (18-6E) secs. 27-28, 32-34 (19-6E)	<u>CARBONADO-WILKESON COALFIELDS AND MINES</u>					V-10	- - - -
		A. Map of Electric mine; map of Crocker mine; map of Douty mine; map of Wingate mine	Roads, RR tracks, buildings, streams; mine workings	1915	1:1200	1 blupt		
		B. Map showing portion of Wilkeson-Carbonado coalfield	Roads, RR tracks, buildings, streams; mine workings	1916	1:6000	1 bluln		
		C. Map of Carbonado-Wilkeson coalfield showing the Carbon Hill, Wilkeson and Melmont mines. (also Electric, Crocker, Wingate, Miller and Douty)	Roads, RR tracks, buildings, streams, elevations; coal field outcrops and gangways	1922	1:4800	1 bluln		
		D. Map of Carbonado-Wilkeson coalfield showing the Carbon Hill, Wilkeson and Melmont mines (same as Map C.)	Roads, RR tracks, buildings, streams, elevations; mine gangways	1923	1:4800	2 bluln		
P22	Secs. 3, 4 (18-6E) secs. 27, 28, 34 (19-6E)	<u>WILKESON MINES</u> : Wilkeson Coal and Coke Co.					V-15	105mm, mylar, mapbook, mylar composite
		A. Map showing mines of Wilkeson Coal and Coke Co. in sec. 3, Tps. 18-19 N., R. 6 E.	Roads, RR tracks, buildings, streams; mine workings. Also shows <u>Henry Bartov, Gale Creek Coal and Coke Co., Tacoma Coal and Coke Co., Apex, Dependable and Commercial</u> mines	1939	1:4800	1 blupt		

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COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P22	Secs. 3, 4 (18-6E) secs. 27, 28, 34 (19-6E)	<u>WILKESON MINES: Wilkeson Coal and Coke Co.—Continued</u>					V-15	105mm, mylar
		B. Wilkeson area composite	Roads, RR tracks, buildings, streams; mine workings. Shows <u>Dependable</u> , <u>Wilkeson-Wingate</u> , <u>Henry Bartoy</u> , <u>Commercial Coal Co.</u> , <u>Bonato</u> and <u>Apex</u> mines	1939	1:4800	1 bluln		
		C. Map of the Wilkeson coal mine property of the Wilkeson Coal Co.	Roads, RR tracks, buildings, streams; mine workings. Copy 1 includes annex to map. Shows <u>Apex</u> , <u>Dependable</u> and <u>Bartoy</u> mines	1943	1:1200	1 blupt 1 bluln		
		D. (Slope) S.W. no. 2 gangway, Wilkeson Coal and Coke Co.	Mine workings	1920	1:1200	1 blupt		
		E. (Slope) S.W. no. 2 gangway, Wilkeson Coal and Coke Co.	Mine workings	1923	1:1200	1 blupt		
		F. Developments on southwest nos. 2, 3 and 7—2nd level	Mine workings	1925	1:600	1 blupt		
		G. Developments on southwest nos. 2, 3 and 7—2nd level	Mine workings	1929	1:2400	1 blupt		
		H. Developments on southwest nos. 2, 3 and 7—2nd level	Mine workings	1931	1:2400	1 blupt		
		I. Cross sections of coal seams, Wilkeson mines, Wilkeson Coal Co.	Columnar sections. All sections measured and sampled in active workings on 2nd level	1930	1:24	1 blkln		
		J. Wilkeson Coal and Coke Co.	Roads, buildings, streams, elevations; mine workings	1934	1:1200	1 blupt		
		K. Map showing survey in different seams of coal in relation to topography along Gale Creek, also location of leased properties	RR tracks, buildings, streams; mine workings. Shows <u>Apex</u> , <u>Dependable</u> , <u>Bartoy</u> and <u>Commercial</u> mines	1935	1:1200	1 blupt		
		L. Map showing survey in different seams of coal in relation to topography along Gale Creek, also location of leased properties	RR tracks, buildings, streams; mine workings. Shows <u>Apex</u> , <u>Dependable</u> , <u>Bartoy</u> and <u>Commercial</u> mines	1937	1:1200	1 blupt		
		P23	Secs. 3, 4 (18-6E) secs. 33, 34 (19-6E)	<u>BONATO COAL CO.'S MINE: Bonato Coal Co.</u>				
A. Map showing survey in Miller seam slope, west dip	Roads, buildings, streams, elevations; mine workings. Also shows Wilkeson no. 4 seam gangway. Mine operated under lease from Wilkeson Coal and Coke Co.			1935	1:1200	1 blupt		
B. Map showing survey in Miller seam slope, west dip	Roads, buildings, streams, elevations; mine workings. Maps B. through E. have the same information as Map A.			1936	1:1200	1 blupt		
C. Map showing survey in Miller seam slope, west dip	Roads, buildings, streams, elevations; mine workings			1937	1:1200	1 blupt		
D. Map showing survey in Miller seam slope, west dip	Roads, buildings, streams, elevations; mine workings			1939	1:1200	1 blupt		
E. Map showing survey in Miller seam slope, west dip	Roads, buildings, streams, elevations; mine workings			1940	1:1200	1 blupt		

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INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P24	Secs. 3-5, 8-10, 16, 17 (18-6E) secs. 32, 33 (19-6E)	CARBON HILL COAL CO.'S MINES: Carbon Hill Coal Co.					II-29, II-30	105mm, mylar, mapbook
		A. Northwestern Improvement Co. bed sections to accompany report on Carbon Hill Coal Co. mines	Columnar sections	1910	no scale	2 bluln		
		B. Map of the Carbon Hill Coal Co.'s mine showing the water level workings, also a preliminary structure map showing relative positions of various beds on water level datum	Streams; mine workings. Map by George Watkin Evans. This map appears in a 1923 Evans report on property of the Carbon Hill Coal Co. without the structure	c. 1923	1:4800	1 blkln		
		C. Cross section along synclinal axis East Carbonado Basin	Cross sections	no date	1:4800	1 bluln		
		D. Map of southern portion coalfield water level datum	RR tracks, streams; mine gangways	1920	1:2400	1 blkln		
		E. Geologic map of North mines	RR tracks, buildings; mine workings, cross sections (part 1). Streams, columnar sections (part 2)	1923	1:1200	1 blupt (2 parts)		
		F. Map of Carbonado mine—north part	Roads, RR tracks, streams; mine workings—no. 7 bed, 1st level and no. 10 bed, 1st level	1919	1:1200	1 blupt		
		G. Map of Carbonado mine—south part	Roads; mine workings—bottom half of no. 10 bed	1919	1:1200	1 blupt		
		H. Map of Carbonado mine	Roads, RR tracks, streams; mine workings—no. 7 bed, 1st level and no. 10 bed, 1st level	1920	1:1200	1 blupt		
		I. Map of Carbonado mine	Roads, RR tracks, streams, elevations; mine workings no. 7 bed, first level and no. 10 bed, first level	1923	1:1200	1 blupt 2 bluln 2 sepia		
		J. Map of Carbon Hill Coal Co. North I mine	Buildings, streams; mine workings	1913	1:1200	2 bluln 2 sepia		
		K. Map of Carbon mine no. 7	Roads, RR tracks, streams; mine workings	1920	1:1200	1 blupt		
		L. Map of Carbon mine no. 7	Roads, RR tracks, streams; mine workings	1921	1:1200	1 bluln 1 sepia		
P25	Secs. 4, 9 (18-6E)	CARBONADO MINE: Pacific Coast Coal Co.					II-31, II-32	105mm, mylar, mapbook, mylar composite
		A. Map of Carbonado mine no. 4 seam	Roads, RR tracks, streams, elevations, contours; mine workings	1929	1:1200	1 blupt		
		B. Map of Carbonado mine no. 4 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1930	1:1200	1 blupt		
		C. Map of Carbonado mine no. 4 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1931	1:1200	1 blupt		
		D. Map of Carbonado mine no. 4 seam	Roads, RR tracks, streams, elevations, contours; mine workings	1932	1:1200	1 blupt		
		E. Map of Carbonado mine no. 4 seam	RR tracks, streams, elevations, contours; mine workings	1933	1:1200	1 blupt		
		F. Map of Carbonado mine no. 4 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1936	1:1200	1 blupt		
		G. Map of Carbonado mine no. 4 seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 blupt		
		H. Map of Carbonado mine no. 7 seam	Streams, elevations, contours; mine workings	1938	1:1200	1 blupt		

PIERCE - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P25	Secs. 4, 9 (18-6E)	<u>CARBONADO MINE</u> : Pacific Coast Coal Co.—Continued					II-31, II-32	105mm, mylar, mylar composite
		I. Study map of Carbonado no. 8 bed, 1st and 2nd level	Mine workings	1928	1:480	1 blu/n 1 sepia		
		J. Map of Carbonado mine no. 9 seam (old Douty mine)	Mine workings	1934	1:1200	1 blupt		
		K. Map of Carbonado mine no. 9 seam	Mine workings	1935	1:1200	1 blupt		
		L. Map of Carbonado mine no. 9 seam	Mine workings	1936	1:1200	1 blupt		
		M. Map of Carbonado mine no. 9 seam	Mine workings	1937	1:1200	1 blupt		
		N. Map of Carbonado mine Morgan seam	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1929	1:1200	1 blupt		
	O. Map of Carbonado mine Morgan seam	RR tracks, streams, elevations, contours; mine workings. Note: mine closed March 15, 1937	1937	1:1200	1 blupt			
P26	Sec. 4 (18-6E) sec. 33 (19-6E)	<u>CARBONADO MINE</u> : Strain Coal Co.					III-5	mylar composite
		A. Strain Coal Co. Carbonado mine	Buildings, elevations, contours; mine workings	1938	1:1200	1 blupt		
P27	Sec. 5 (18-6E) secs 32, 33 (19-6E)	<u>CROCKER MINE</u> : Carbon Hill Coal Co.					II-34	105mm, mylar, mapbook
		A. Map of Crocker mine	RR tracks; mine workings	1914	1:1200	1 blupt 2 blu/n 2 sepia		
P28	Secs. 5, 8, 9, 16, 17 (18-6E)	<u>WINGATE MINE</u> : Carbon Hill Coal Co.					II-35	105mm, mylar, mapbook
		A. Map of Wingate mine no. 11 bed, 4th level south	Mine workings	1920	1:1200	1 blupt		
		B. Wingate mine	Mine workings	1921	1:1200	2 blu/n 2 sepia		
P29	Secs. 4, 5 (18-6E) secs. 32, 33 (19-6E)	<u>WINGATE MINE AND CROCKER MINE (COMPOSITE)</u> : Carbon Hill Coal Co.					II-33	105mm, mylar, mapbook
		A. Map of Wingate mine; map of Crocker mine	Roads, RR tracks, buildings, streams; mine workings	1919	1:1200	1 blupt		
		B. Map of Crocker mine; map of Wingate mine	Roads, RR tracks, buildings, streams; mine workings	1921	1:1200	2 blu/n 2 sepia		
P30	Secs. 5, 8 (18-6E)	<u>MILLER MINE</u> : Carbon Hill Coal Co.					II-36	105mm, mylar, mapbook
		A. Map of Miller mine	Streams; mine workings	1919	1:1200	1 blupt		
		B. Map of Miller mine	Streams; mine workings	Jan., 1920	1:1200	1 blu/n 1 sepia		
		C. Map of Miller mine	Streams; mine workings	Feb., 1920	1:1200	1 blupt 1 blu/n 1 sepia		
P31	Sec. 4 (18-6E) sec. 33 (19-6E)	<u>ELECTRIC MINE</u> : Carbon Hill Coal Co.; Pacific Coast Coal Co. *					III-6	-----
		A. (Fragment) no. 11 seam in sec. 33	Mine workings	1919	1:1200	1 blupt		
		B. Map of Electric mine	Roads, RR tracks, streams, elevations, contours; mine workings. Also shows west side of Douty mine	1925	1:1200	1 blk/n		

PIERCE - Continued

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P31	Sec. 4 (18-6E) sec. 33 (19-6E)	<u>ELECTRIC MINE</u> : Carbon Hill Coal Co.; Pacific Coast Coal Co. *					III-6	- - - -
		C. Map of Electric mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Note: mine closed 1937	1937	1:1200	1 sepia		
P32	Secs. 3, 4, 9 (18-6E)	<u>DOUTY MINE</u> : Carbon Hill Coal Co.; Pacific Coast Coal Co. *					IV-1	105mm, mylar, mylar composite
		A. Map of Douty mine	Mine workings	1919	1:1200	2 blupt		
		B. Map of Douty mine	Mine workings. Depicts different seam than Map A.	1919	1:1200	1 blupt		
		C. Map of Douty mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 sepia		
		D. Map and sections of Douty crosscut and north prospect tunnel	Cross sections	1922	1:1200	1 bluln 1 sepia		
P33	Secs. 3, 4, 9 (18-6E)	<u>ELECTRIC AND DOUTY MINES</u> : Carbon Hill Coal Co.; Pacific Coast Coal Co. *					V-14	105mm, mylar, mapbook, mylar composite
		A. Map of Electric mine; map of Douty mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1919	1:1200	2 blupt		
		B. Map of Douty mine; map of Electric mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1922	1:1200	1 blupt		
		C. Map of Douty mine; map of Electric mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1927	1:1200	1 blupt		
		D. Map of composite no. 8 seam Douty mine; map of Electric mine *	RR tracks, buildings, streams, elevations, contours; mine workings	1928	1:1200	1 blupt		
		E. Map of Electric mine; map of Douty mine *	Roads, RR tracks, streams, buildings, elevations, contours; mine workings	Jan., 1929	1:2600	1 blkln		
		F. Map of Electric mine; map of Douty mine no. 8 seam *	RR tracks, buildings, streams, elevations, contours	Apr., 1929	1:1200	1 blupt		
		G. Map of Douty mine; map of Electric mine *	Roads, RR tracks, streams, elevations, contours; mine workings	1930	1:1200	1 blupt		
		H. Map of Electric mine; map of Douty mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1931	1:1200	1 blupt		
		I. Map of Electric mine; map of Douty mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1932	1:1200	1 blupt		
		J. Map of Electric mine; map of Douty mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1933	1:1200	1 blupt		
		K. Map of Electric mine; map of Douty * mine (both are 2nd level no. 8 seam)	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1935	1:1200	1 blupt		
		L. Map of Electric mine; map of Douty mine *	Roads, RR tracks, streams, elevations, contours; mine workings	1936	1:1200	1 blupt		
		M. Map of Electric mine; map of Douty mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Note: mine closed down March 15, 1937	1937	1:1200	1 blupt 1 bluln		

PIERCE - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P34	Secs. 9, 15, 16, 21, 22 (18-6E)	<u>MELMONT MINE</u> : Northwestern Improvement Co.					V-16	105mm, mylar, mapbook, mylar composite
		A. Working map of the Melmont mine	RR tracks, buildings, streams; mine workings	1910	1:1200	1 blupt		
		B. Map of Carbonado and Melmont mines	Roads, RR tracks, buildings, streams; mine workings. Also see <u>Carbonado mine (P25)</u>	1911	1:6000	2 bluIn		
		C. Working map of the Melmont mine	Roads, RR tracks, buildings, streams; mine workings	1913	1:1200	1 blkIn		
		D. Working map of the Melmont mine	Roads, RR tracks, buildings, streams, elevations; mine workings	1915	1:1200	1 bluIn		
		E. Cross section Blossburg rock tunnel	Cross section	1902	1:120	1 blupt		
		F. Cross section Blossburg rock tunnel	Cross section	1912	1:360	1 blupt		
		G. Cross section on line of rock tunnel, Melmont mine	Streams; cross section	1913	1:600	2 blupt		
		H. Cross section of measures along line of Melmont tunnel	Cross sections	1920	1:1200	1 blupt		
		I. Melmont mine rock tunnel	Cross sections	no date	1:600	1 blupt		
		J. Carbon Hill Coal Co. cross section through Melmont property 170' north of schoolhouse	Cross sections	no date	1:2400	2 photo		
K. Preliminary structure section along line of Melmont mine rock tunnel	Cross sections	no date	1:1200	1 blkIn				
P35	Sec. 14 (18-6E)	<u>NORTHWESTERN IMPROVEMENT CO. PROSPECT HOLES AND PROPOSED DEVELOPMENT AREA</u> : Northwestern Improvement Co.; Wilkeson-Tripp Co.					III-1	- - - -
		A. Northwestern Improvement Co. coal prospect holes	Streams, elevations. Coal prospect holes and surface survey	1909	1:1200	1 bluIn		
		B. Cross section of veins in Gale Creek area, map of proposed development area	RR tracks, buildings, streams; cross sections. Seams, prospect pits and croppings	no date	1:4100	1 blkIn		
P36	Secs. 23, 26, 35 (18-6E)	<u>FAIRFAX MINE (OLD)</u> : Tacoma Smelting Co.					IV-2	105mm, mylar, mapbook
		A. Map of Fairfax mine	Mine workings from Tacoma Smelting Co.'s data. General surveys by N.W.I. Co.	1910	1:1200	1 bluIn		
		B. Map of the Tacoma Smelting Co. Fairfax mine	Buildings; mine workings	1912	1:600	1 bluIn		
		C. Tacoma Smelter preliminary map	RR tracks, streams; survey of old mine workings	1923	1:1200	1 bluIn		microfilm reel 4
P37	Sec. 2 (17-6E) secs. 27, 34 (18-6E)	<u>FAIRFAX MINE (NEW)</u> : Tacoma Smelting Co. (American Smelting Co.); Fairfax Mine Co. *					V-13	105mm, mylar, mapbook
		A. Map of sec. 34 mine, Fairfax, Wa.	Elevations; cross sections on line of main tunnel. Entire map redrawn by George Watkin Evans	1911	1:600	1 blkIn		
		B. Fairfax mine *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1913	1:1200	2 bluIn		
		C. Map of Fairfax mine	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1917	1:1200	2 bluIn 1 sepia		

PIERCE - Continued

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P37	Sec. 2 (17-6E) secs. 27, 34 (18-6E)	<u>FAIRFAX MINE (NEW):</u> Tacoma Smelting Co. (American Smelting Co.); Fairfax Mine Co. *- Continued					IV-13	microfilm reel 5 105mm, mylar
		D. Fairfax mine showing development in sec. 34, T. 18 N., R. 6 E. and in sec. 2, T. 17 N., R. 6 E. *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1918	1:1200	1 blkln		
		E. Fairfax mine map showing development *	Roads, RR tracks, buildings, streams, elevations, contours; mine workings. Shows <u>Montezuma mine</u>	1919	1:1200	1 blupt		
		F. Fairfax mine map showing development of no. 4 vein *	Streams, elevations, contours; mine workings	1919	1:1200	1 blupt		
		G. Fairfax mine map showing development of no. 4 vein *	Streams, elevations, contours; mine workings. Shows tunnel to <u>Montezuma mine</u>	1920	1:1200	1 blupt		
		H. Fairfax mine *	Streams; mine workings	1923	1:1200	1 blupt		
		I. Tacoma Smelter, Fairfax mine preliminary map	RR tracks; surface outcrop survey. Location is slightly north of existing new <u>Fairfax mine</u>	1923	1:1200	1 bluIn		
		J. Fairfax mine, showing development	RR tracks, buildings, streams; mine workings	1929	1:1200	1 blupt 1 blkln		
P38	Sec. 2 (17-6E) secs. 34, 35 (18-6E)	<u>MONTEZUMA MINE:</u> Evans Creek Coal and Coke Co.					IV-3	105mm, mylar
		A. Evans Creek Coal and Coke Co., owners of the Montezuma mine, map showing underground work	Streams, mine workings shown as cross sections of tunnels. This is not a true mine map	1906	1:1200	1 blupt 1 sepia		
		B. Four cross sections	Cross sections	1911	1:3600	1 bluIn 1 sepia		
		C. Topographical map: Fairfax-Montezuma district, showing elevations, coal seams, rock tunnels, prospects, anticline, and surface improvements	Roads, RR tracks, buildings, streams, elevations, contours; mine gangways; inset map of King-Pierce coal areas	1915	1:3600	1 blkln		
P39	Sec. 6 (17-7E)	<u>COAL SEAMS OF SECTION 6:</u> American Smelter Securities Co.					III-4	105mm, mylar, mapbook
		A. American Smelter Securities Co. coal seams of sec. 6	Roads, RR tracks, buildings, elevations, contours; mine openings and tunnels, columnar sections	1921	1:4100	1 blkln		
P40	Secs. 2-4, 9-11, 14-16, 21-23, 27, 28 (15-6E) secs. 21-23, 26-28, 33-35 (16-6E)	<u>MASHELL COAL AND COKE CO. MINE:</u> Mashell Coal and Coke Co.					III-3	mylar, mapbook
		A. Map of the Mashell Coal and Coke Co., Ashford, Wa.	Mine survey, surface outcrop and rock tunnel	1922	1:2400	2 bluIn		
		B. Map of lands of Mashell Coal and Coke Co. at Ashford, Wa.	RR tracks, buildings, streams; columnar sections, cross sections	no date	1:15,840	1 blupt		

PIERCE - KING

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
PK1	All secs. Tps. 15-26 N, Rs. 1-13 E	<p><u>NORTHWESTERN IMPROVEMENT CO. MAP SHOWING LOCATION OF COAL MINES:</u> Northwestern Improvement Co.</p> <p>A. Northwestern Improvement Co. map showing location of coal mines, Pierce and King Counties, Wa.</p>		1932	1:126,720	1 blupt	II-25	----
PK2	All secs. Tps. 19-21 N, Rs. 6-7 E T 22 N, Rs. 4-7 E T 23 N, Rs. 4-7 E T 24 N, Rs. 4-6 E T 25 N, R 4 E	<p><u>PACIFIC COAST COAL CO. PROPERTY:</u> Pacific Coast Coal Co.</p> <p>A. Map of portion of King and Pierce Counties showing property of Pacific Coast Coal Co., Columbia and Puget Sound Railroad</p>		1916	1:8400	1 blupt	II-21	----

SKAGIT

S1	Secs. 4, 9 (35-5E)	<p><u>COKEDALE MINE:</u> Cokedale Coal Co.</p> <p>A. Plan and profile of Klondyke seams</p>		1915	1:480	1 blupt	II-4	mylar
			Buildings, streams, elevations; mine workings, cross sections. This mine was also known as the Sedro mine and as the Bennett mine					

THURSTON

T1	Secs. 7, 18, 19 (15-1W)	<p><u>OLD NORTHWESTERN COAL AND TRANSPORTATION CO. MINE:</u> Old Northwestern Coal and Transportation Co.</p> <p>A. Old Northwestern Coal and Transportation Co.'s mine workings, Bucoda, Wa.</p>		1918	1:2400	1 blupn 1 sepia	IV-20	----
T2	Secs. 7, 18 (15-1W)	<p><u>BUCODA COAL MINING CO.'S MINE NO. 1:</u> Bucoda Coal Mining Co.</p> <p>A. Map of the Bucoda Coal Mining Co.'s mine no. 1</p> <p>B. Map of the Bucoda Coal Mining Co.'s mine no. 1</p>		1923	1:1200	1 blupt	IV-21	105mm, mylar, mapbook
			Roads, RR tracks, buildings, streams, elevations, contours; mine workings, columnar sections. Sketch map of railroads: 1:125,000	1928	1:1200	1 blupt		

THURSTON - Continued

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
T3	Sec. 19 (15-1W)	BIG DIRTY SEAM: Washington Irrigation and Development Co.					III-38	----
		A. Big Dirty seam—columnar section	Columnar section	1961	1:36	1 blkln		
T4	Secs. 16, 20, 21 (15-1W)	HANNAFORD MINE NO. 2: Bucoda Coal Mining Co.					IV-22	105mm, mylar
		A. Map of Hannaford mine, no. 2 slope, Bucoda Coal Mining Co., Tono, Wa.	Streams, elevations, contours; mine workings	Jan., 1939	1:1200	1 blupt		
		B. Map of Hannaford mine, no. 2 slope, Bucoda Coal Mining Co., Tono, Wa.	Streams, elevations, contours; mine workings	Aug., 1939	1:1200	1 blupt		
		C. Map of Hannaford mine, no. 2 slope, Bucoda Coal Mining Co., Tono, Wa.	Streams, elevations, contours, mine workings	1940	1:1200	1 blupt		
		D. Map of the Hannaford mine no. 2	Elevations, contours; mine workings	1943	1:1200	1 bluln		
T5	Secs. 20-21 (15-1W)	HANNAFORD MINE NO. 1: Washington Union Coal Co.; Strain Coal Co. *					V-7, IV-24	105mm, mylar, mapbook
		A. Hannaford mine no. 1, Tono, Wa.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1919	1:1200	1 ink on paper		
		B. Map of Hannaford mine no. 1 showing mine workings	RR tracks, buildings, elevations, contours; mine workings	1924	1:1200	1 blupt		
		C. Map of Hannaford mine no. 1 showing surface topography, Tono, Thurston County, Wa.	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1925	1:1200	1 blupt 1 blkln		
		D. Map of Hannaford mine no. 1 showing surface topography *	Buildings, streams, elevations, contours; mine workings. Also, see Strain Coal Co. <u>Tono mine property, T6</u>	1947	1:1200	1 bluln		
T6	Secs. 20, 21 (15-1W)	TONO MINE PROPERTY: Strain Coal Co.					IV-23	----
		A. Map showing available strip pit coal, Tono mine property no. 1	Elevations, contours; old mine workings, cross sections. Estimation of reserves	1953	1:600	1 pencil		
		B. Map showing available strip pit coal, Tono mine property no. 2	Roads, elevations, contours; old Tono mine and strip pit workings, cross sections. Estimated reserves (tons)	1953	1:600	1 pencil		
		C. Map showing the recoverable coal area, Tono mine property	Elevations, contours; mine workings	1953	1:1200	1 blupt 1 pencil		
		D. Map showing available coal strip-ping and mining, Tono mine property	Roads, RR tracks, buildings, elevations, contours; mine workings	1953	1:1200	1 blupt 1 pencil		
		E. Map of the Tono strip pit mine no. 5, Strain Coal Co.	Elevations, contours; cross sections	1953	1:600	1 blupt 1 pencil		
		F. Map showing the recoverable coal area, Tono mine property no. 6	Elevations, contours; mine workings	1953	1:1200	1 blupt 1 pencil		
		G. Proposed coal washing plant, Tono mine	Building	1953	none	1 pencil		
T7	Sec. 18 (15-1E)	F. AND D. COAL MINING CO. PROPERTY: F. and D. Coal Mining Co.					III-40	mylar, mapbook
		A. Map of the F. and D. Coal Mining Co.'s property	Roads, elevations; mine workings	1943	1:1200	1 blupt		

THURSTON - Continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
T8	Sec. 18 (15-1E)	<u>MAJESTIC COAL CO. PROPERTY:</u> Majestic Coal Co.					III-39	----
		A. Map of the Majestic Coal Co.'s property	Roads, buildings, elevations; cross sections: 1:1200	no date	1:24,000	1 blupt		

WHATCOM

W1	Secs. 15, 22 (37-4E)	<u>BLUE CANYON MINE:</u> Blue Canyon Coal Mining Co.					II-3	105mm, mylar, mapbook
		A. Map showing mine workings of the Blue Canyon Coal Mining Co.	Roads, RR tracks, buildings, streams, elevations; mine workings	1902	1:2400	1 photo		
		B. Blue Canyon mine of the Whatcom County Coal Co.	Roads, RR tracks, buildings, streams, elevations; mine workings	1914	1:1200	1 blupt		
W2	Secs. 13, 14, 23-25 (38-2E) secs. 18, 19, 30 (38-3E)	<u>BELLINGHAM BAY IMPROVEMENT CO.</u>					II-1	----
		A. Diagram showing coal land belonging to Bellingham Bay Improvement Co.	Roads, RR tracks, streams; bore hole locations	1912	1:12,000	1 blupt		
		B. Section showing coal in property of Bellingham Bay Improvement Co.	Roads; borehole locations	1912	1:12,000	1 blupt		
		C. Coal lands belonging to Bellingham Bay Improvement Co.	Columnar sections of boreholes nos. 6-10	1912	1:24	1 blupt (3 parts)		
W3	Secs. 13, 14, 23-25 (38-2E)	<u>BELLINGHAM COAL MINE CO.'S MINE NO. 1:</u> Bellingham Coal Mine Co.					V-6	105mm, mylar, mapbook
		A. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1936	1:1200	1 blupt		
		B. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1939	1:1200	1 blupt		
		C. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings. Yellow pencil markings shows boreholes and market location	1939	1:1200	1 blupt		
		D. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1940	1:1200	1 blupt		
		E. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1944	1:1200	1 blupt		
		F. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1946	1:1200	1 blupt		
		G. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1949	1:1200	1 blupt		
		H. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1951	1:1200	1 blupt		
I. Bellingham coal mines, mine no. 1	Roads, RR tracks, buildings, streams; mine workings	1954	1:1200	1 blupt				

WHATCOM - Continued

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
W3	Secs. 13, 14, 23-25 (38-2E)	<u>MINE NO. 1: Bellingham Coal Mine Co. - Continued</u>					V-6	105mm, mylar
		J. Bellingham coal mines coordinate map	Roads, buildings; bearings and coordinates within levels	1951	1:3600	1 blupt		
		K. Map of Bellingham coal mines accompanying R.W. Smith's report to Bellingham Securities Co.	Elevations; mine levels from top works through level 10. Shows lot boundaries and Bellingham Securities Co. holdings. Shows government meander line and low tide line	1945	1:4800	1 blu 1 sepi		
W4	Secs. 4, 5, 8, 9 (38-4E)	<u>GLEN ECHO MINE: Glen Echo Coal Co.; West Coast Coal Mines, Inc. *</u>					II-2	105mm, mylar, mapbook
		A. Mine map, Glen Echo Coal Co.	Buildings, streams; mine workings. Drill hole locations, prospects	1936	1:1200	1 blupt		
		B. Mine map, Glen Echo Coal Co.	Buildings, streams, elevations, contours; columnar sections, cross sections. Prospect locations	1937	1:1200	1 blupt		
		C. Mine, contour and property map of Glen Echo Coal Co.	Roads, buildings, streams, elevations, contours; mine workings	1939	1:1200	1 blupt		
		D. Mine, contour and property map of Glen Echo Coal Co.	Roads, buildings, streams, elevations, contours; mine workings	1940	1:1200	1 blupt		
		E. Mine, contour and property map of Glen Echo Coal Co.	Roads, buildings, streams, elevations, contours; mine workings	1942	1:1200	1 blupt		
		F. Map of property and workings of Glen Echo coal mine *	Roads, buildings, streams, elevations, contours; mine workings	1943	1:1200	1 blupt		
	G. Map of property and workings of Glen Echo coal mine *	Roads, buildings, streams, elevations, contours; mine workings. Bore hole locations	1944	1:1200	1 blupt			
W5	Sec. 12 (38-4E)	<u>MT. BAKER ANTHRACITE COAL MINE, MINE NO. 1, VAN ZANDT: Mt. Baker Anthracite Coal Co.</u>					II-1	mylar, mapbook
		A. Mt. Baker Anthracite Coal Mines, mine no. 1	Mine workings	1932	1:1200	1 blupt		
W6	Sec. 29 (39-7E)	<u>GLACIER AREA: Company unknown</u>					II-1	- - - -
		A. Coal beds in sec. 29	Cross section of seams and drill holes	no date	no scale	1 pencil		

**ADDENDUM
MAY 1984**

This addendum consist of an index to 39 maps given to the Division of Geology by the University of Washington in the fall of 1983 and 23 maps from the collection of Palmer Coking Coal Company in March 1984. The new maps have been cataloged and filed in sequence with the existing collection. When a new map's date places it within the existing sequence, it has been given a catalog number as a subscript of the map it follows, for example, P37 D₁. Two new mine area represented in King County have been assigned the next available numbers: K103 and K104.

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K7		<u>NEWCASTLE-ISSAQUAH MINES COMPOSITE</u> : Pacific Coast Coal Co. (P. C. C. Co.)						microfilm reel 1
		F. Newcastle-Issaquah geological sections; original obtained from G. W. Evans	Columnar sections of coal seams, cross sections	1928	1:57	2 blkln		
K9		<u>ISSAQUAH MINE</u> : Pacific Coast Coal Co.						
		A ₁ . Cross sections of coal seams at Issaquah	Streams, sections L-L, M-M and N-N	1917	1:1200	1 xerox		
		G ₁ . Progress map, Muldoon seam, water level east and west gangways	Mine workings	1923	1:1200	1 xerox		
		G ₂ . Progress map, May Creek seam, west water level gangway	Mine workings	1923	1:1200	1 xerox		
		G ₃ . Progress map, Bagley (no. 1) seam	Mine workings	1923	1:1200	1 xerox		
K12		<u>QUEEN NO. 1 MINE</u> : Bianco Coal Co.						
		G ₁ . Map of Queen no. 1 mine, upper and lower Bagley seams	Roads, buildings, streams, elevations, contours; mine workings	1937	1:1200	1 blupt		
		Q ₁ . Map of Queen no. 1 mine, no. 1 or lower Bagley seam and May Creek seam	Roads, buildings, streams, elevations, contours; mine workings	1947	1:1200	1 blupt		
		T ₁ . Map of Queen no. 1 mine, no. 2 or upper Bagley seam and Muldoon seam	Roads, buildings, streams, elevations contours; mine workings	1947	1:1200	1 blupt		
K16		<u>COAL CREEK MINE</u> : Pacific Coast Coal Co.						
		D. Outcrop no. 4 seam on hill, if in place	Cross sections, columnar sections, projected locations of seams underground, borehole log	1915	1:480	1 xerox		
K22		<u>NEWCASTLE MINE</u> : Pacific Coast Coal Co.						
		K. Map of lower Bagley seam, turn-offs from Primrose tunnel	Mine workings	1929	1:1200	1 xerox		
K32		<u>RENTON MINE</u> : Renton Coal Co.						
		J. Stratigraphic section of coal seams in Renton vicinity	Columnar sections	no date	1:450	1 xerox		
K38		<u>NEW BLACK DIAMOND MINE</u> : Pacific Coast Coal Co.						
		O ₁ . Map of New Black Diamond mine, Jones and no. 1 seams	Buildings, streams, elevations, contours; mine workings	1935	1:1200	1 blupt		
K41	Sec. 25 (23-5E) secs. 19, 29, 30 (23-6E)	<u>JONES AND CEDAR MOUNTAIN COAL PROPERTIES</u>						
		A. Prospects, faults, etc. between RR track and a point 1800 feet south of Jones slope	Streams, elevations, contours. Notes and classification of strata found in various prospects, including Carey Prospect	1920	1:2400	2 blkln		
		B. Columnar sections of formation	Columnar sections; this area was called the <u>Indian mine</u> , reopened as <u>New Black Diamond</u> in which one of the seams was called the Indian seam	1920	1:120	1 bluIn		

KING--continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K41		<u>JONES AND CEDAR MOUNTAIN COAL PROPERTIES</u> Continued						
		C. Composite stratigraphic sections in vicinity of Cedar Mountain	Columnar sections	no date	1:450	1 xerox		
		D. Log of churn drill hole no. 1 by Lawson	Columnar sections, commentary on process of drilling	no date	1:450	1 xerox		
K42		<u>CEDAR MOUNTAIN MINE (WEST COAST MINE):</u> West Coast Fuel Co.; Pacific Coast Coal Co.; * West Coast Coal Co. **						microfilm reel 1 microfilm reel 2
		B ₁ . Progress map, West Coast mine, north gangway *	Mine workings	1928	1:600	1 xerox		
		B ₂ . Progress map, West Coast mine, south gangway *	Mine workings, note: mine sold to John McQuade 3/15/28	1928	1:600	1 xerox		
K56		<u>RAVENSDALE AREA MINES:</u> Raven Coal Co.; * Northwestern Improvement Co.						
		D. NWI Co. map of the Ravensdale mines, McKay and no. 5 bed workings	RR tracks, buildings, streams; mine workings	1936	1:4800	1 blupt		
K59		<u>RAVENSDALE NO. 1 MINE:</u> Northwestern Improvement Co.						
		E. Plan view of no. 5 west strip pit	Roads, plan table of area and volume removed, cross sections	1948	1:1200	12 blupts		
K60		<u>RAVENSDALE NO. 2 MINE (MCKAY WORKINGS):</u> Northwestern Improvement Co.						
		K ₁ . Profile of McKay seam on line of rock haulage slope	Streams, cross section, mine workings in main tunnels and airways	1945	1:1200	1 bluln		
		L. Ravensdale no. 2 mine, McKay workings				add 1 blupt		
K64		<u>SECTION SIX MINE:</u> Pacific Coast Coal Co.						
		C. Progress map, 1st level north and south	Elevations; mine workings, estimates of tons of coal removed; note: mine finished Mar. 4, 1938	1938	1:3600	1 xerox	I-51	
K65		<u>FRANKLIN-BLACK DIAMOND COALFIELDS:</u> Pacific Coast Coal Co.						
		C.. Black Diamond and Franklin mine area				add 1 blupt		
K66		<u>BLACK DIAMOND MINES NO. 11 AND NO. 14:</u> Pacific Coast Coal Co.						
		G. Black Diamond Mines, Pacific Coast Coal Co., Strain Coal Co. lease	Mine gangways, tonnages removed by Strain and estimated remaining reserves	1940	1:3600	1 sepia		

KING --continued

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K80		<u>FRANKLIN MINES:</u> Palmer Coking Coal Co.						
		I. Map of Franklin mines	Streams; mine gangways; estimated tonnages of reserves on several levels of the Gem seam; columnar sections, cross sections	no date	1:3600	1 xerox		microfilm reel 2
K93		<u>INDEPENDENT COAL AND COKE COMPANY PROPERTY</u>						microfilm reel 3
		B. Reduction from the Independent Coal and Coke Co.'s map of mines and property	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, borehole locations	1913	1:4800	1 blkln		
K103	Sec. 7 (23-7E)	<u>RAGING RIVER COALFIELD:</u> Kinney Coal Property					1-17	----
		A. Plat of Kinney Coal property	RR tracks (proposed), buildings, streams, elevations, contours; columnar sections, cross sections, surface outcrops of coal seams	1891	1:9600	1 xerox		
K104	Secs. 26, 27 (24-5E)	<u>NEWCASTLE COLLIERY (OLD COAL CREEK MINE):</u> Oregon Improvement Co. (Pacific Coast Coal Co.)					1-18	----
		A. Map of part of Newcastle mine showing columnar sections of the veins developed	Mine gangways; columnar sections	1884	1:1200	1 ink & xerox		
		B. Map showing inside workings no. 2 vein, Newcastle Colliery	Mine workings; columnar sections	1894	1:1200	1 mylar 1 blkln		

KITTITAS

Kt1		<u>ROSLYN COALFIELD:</u> Northwestern Improvement Co.; Resources Research, Inc. *						
		C ₁ . NWI Co. map of the Roslyn coalfield	Roads, RR tracks, streams; mine workings, plat of towns	1935	1:4800	1 blupt		
		C ₂ . NWI Co. map of the Roslyn coalfield	RR tracks, buildings, streams; mine workings borehole locations	1939	1:4800	1 blupt		
		D ₁ . Map of the NWI Co.'s coal lands and mines, Roslyn Field	Roads, RR tracks, streams, mine gangways, towns of CleElum, Ronald, Roslyn	1949	1:12,000	1 blkln		
		I ₁ . Stratigraphical section through portion of Roslyn coal measures compiled from drill records and surveys	Columnar sections	1932	1:600	2 photo (1 pos. 1 neg.)		
		N ₁ . Outcrop of Roslyn seam and no. 6 seam in sec. 6, T20N, R6E	Outcrop map with figures of tonnages, made by Roslyn Cascade Coal Co.	1933	1:1200	pencil tracing		
Kt15		<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 3:</u> Roslyn-Cascade Coal Co.						
		A ₁ . Map of the Roslyn-Cascade Coal Co.'s no. 3 mine	RR tracks, buildings, streams, elevations, contours; mine workings	1933	1:1200	1 blupt		

KITTITAS --continued

COAL MINE MAP COLLECTION

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
Kt16		<u>ROSLYN-CASCADE COAL CO.'S MINE NO. 4:</u> Roslyn-Cascade Coal Co.						
		A ₁ . Map of the Roslyn Cascade Coal Co.'s no. 4 mine, southern part	RR tracks, buildings, streams, elevations, contours; mine workings	1933	1:1200	1 blupt		
Kt18		<u>ROSLYN NO. 3 MINE:</u> Northwestern Improvement Co.						
		C ₁ . Map of Roslyn no. 3 mine, southern part	Buildings, streams; mine workings	1933	1:1200	1 blupt		microfilm reel 3

PIERCE

P5		<u>MINE NO. 2:</u> Burn-it Coal Co.						microfilm reel 4
		B. Royalty progress map of mine, water level and 2nd level, no. 1 seam	Mine workings, described sections of seams	1934	1:600	1 xerox		
P6		<u>BURNETT MINE:</u> Pacific Coast Coal Co.						
		B ₁ . Typical cross sections showing faulting	Roads, RR tracks, buildings, streams; location of seams and faults, sections A-A through M-M	1924	1:1200	1 blkln		
P21		<u>CARBONADO-WILKESON COALFIELDS AND MINES</u>						
		C. Map of Carbonado-Wilkeson coalfield showing the Carbon Hill, Wilkeson, and Melmont mines				add 1 blkln		
P25		<u>CARBONADO MINE:</u> Pacific Coast Coal Co.						
		H ₁ . Progress map, new rock tunnel east of No. 7 gangway	Mine workings	1925	1:600	1 xerox		
		P. Progress map, Bruiser seam	Mine workings	1926	1:600	1 xerox		
P35	Sec. 14 (18-6E)	<u>NORTHWESTERN IMPROVEMENT CO.: WILKESON-TRIPP CO.</u>					III-1	----
		A. Northwestern Improvement Co., coal prospect holes	Streams, elevations; coal prospect holes and surface survey	1909	1:1200	1 bluln		
		B. Cross sections of veins in Gale Creek area, map of proposed development area	RR tracks, buildings, streams; cross sections, seams, prospect pits and croppings, tunnel	no date	1:4100	1 blkln		
		C. Map of Wilkeson-Tripp Company's coal mine	Roads, RR tracks, streams, tunnels and traces of seams, cross sections, area map	no date	1:12,000	1 xerox		
P37		<u>FAIRFAX MINE (NEW):</u> Tacoma Smelting Co. (American Smelting Co.); Fairfax Mine Co. *						microfilm reel 4 microfilm reel 5
		C. Map of Fairfax mine				add 1 blkln		
		D ₁ . Fairfax mine map showing development	Roads, RR tracks, buildings, streams, elevations, contours; mine workings	1918	1:1200	1 blkln		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
P37		<u>FAIRFAX MINE (NEW):</u> Tacoma Smelting Co. (American Smelting Co.); Fairfax Mine Co. * -- Continued						microfilm reel 5
		D ₂ . Fairfax mine map showing development	Roads, RR tracks, buildings, streams, elevations, contours; mine workings, structure	1919	1:1200	1 blupt		
		G ₁ . Progress map	Mine workings; tonnage tables	1921	1:600	1 blupt		
P40		<u>MASHELL COAL AND COKE CO. MINE:</u> Mashell Coal and Coke Co.						
		C. Enlarged and contour addition to map of lands of Mashell Coal and Coke Co.	Roads, RR tracks, buildings, streams, elevations, contours; mine gangways; surface outcrop or trace of coal beds	1949	1:12,000	photo		

WHATCOM

W3		<u>BELLINGHAM COAL MINE CO.'S MINE NO. 1:</u> Bellingham Coal Mine Co.						microfilm reel 5
		G ₁ . Bellingham Coal Mines, mine no. 1, continued	Roads, RR tracks, buildings, elevations; mine workings	1950	1:1200	1 blupt		

**ADDENDUM
FEBRUARY 1994**

This addendum consists of a catalog to the maps donated to the Division and added to the coal mine map collection in February 1994; these have been cataloged and filed in sequence with the existing collection.

When an added map's date places it within an existing chronological sequence, it has been assigned a subscripted letter designation; for example, K96 A₁ falls between K96 A and K96 B.

When an added map falls at the end of an existing sequence, it has been assigned the next sequential letter designation; for example, T5 E falls after T5 D.

Maps of two mine properties in Lewis County have been added to the collection: L31 and L32.

NOTE: The outlines of mining properties drawn on the index maps incorporate properties listed in Open File Report 83-8, the Addendum dated May 1984, and this second addendum, completed in February 1994.

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
K11	Secs 32-34 (23-6E) Sec. 4 (22-6E)	<u>HARRIS-RICHMOND MINE</u> : Harris Coal Co.					II-8	microfilm reel 1
		G. Map showing location of workings in Harris Coal Co. mine, note "long wall worked out 3/27/33"				add 1 blkln		
K27	Sec. 27 (24-5E)	<u>B. AND R. MINE AT NEWCASTLE IN THE RICHMOND-STANLEY TUNNEL</u> : Richmond-Stanley Coal Co.*; B. and R. (Baïma and Rubitina) Coal Co.				add 1 blkln	VII-10	microfilm reel 1
		F. Map showing survey in Baïma and Rubitina mine, showing workings on lower no. 3 and no. 4 seams						microfilm reel 2
K48	Sec. 2 (21-7E) Secs. 26-28, 35 (22-7E)	<u>DURHAM-HIAWATHA-KANGLEY COALFIELD</u> : Northwestern Improvement Co.				add 1 blupt	I-50	microfilm reel 2
		A. Map of the Durham-Hiawatha-Kangley coalfield						
K50	Sec. 35 (22-7E)	<u>ALTA MINE</u> : Alta Coal Co.		1893	1:1200	1 mylar	VII-36	
		A ₁ . Map showing workings of the McGuire, Kangley, Scenery, and 36 veins				streams, elevations, contours; mine workings; columnar sections; cross-sections		
K51	Sec. 35 (22-7E)	<u>HIAWATHA MINE</u> : Northwest Improvement Co.				add 1 blupt	I-47	
		C. Cross-section on line of Hiawatha mine tunnel						
K85	Secs. 25, 26 (21-6E)	<u>KUMMER MINE</u> : Pacific Coast Coal Co.; Denney-Renton Clay and Coal Co.*; Gladding, McBean and Co.**; Kummer Coal Co.***		1953	1:1200	1 xerox	VII-26	
		J. Map showing workings on the Nos. 1, 3½, and 4 veins				roads, RR tracks, streams, mine workings		
K86	Secs. 26, 35 (21-6E)	<u>KUMMER CLAY MINE</u> : Palmer Coking Coal Co.		1957	1:1200	1 xerox	VII-25	microfilm reel 2
		C. Preliminary map - Kummer Clay mine				roads, marsh, clay piles, mine workings; shows location of Morris mine portal		microfilm reel 3
K94	Secs. 27, 29 (21-7E)	<u>SUNSET MINE</u> : National Coal Co.		1913	1:4800	1 xerox	VII-31	
		A ₁ . Sunset Coal Mining Co., Map showing development				roads, RR tracks, buildings, streams, Cumberland town plat; mine workings - Old No. 1 drift, Nos. 2, 4, 5, and 6 drifts		
K95	Sec. 28 (21-7E)	<u>NAVY MINE</u> : Naval Coal Co.		1913	1:4800	1 xerox	I-41	
		B. Map of the Naval Coal Co.				RR tracks, streams, mine workings, boreholes, location of Sunset mine		
K96	Secs. 21, 28 (21-7E)	<u>EUREKA MINE</u> : Cumberland Coal Mining Co.		1895	1:4800	1 xerox	I-43	
		A ₁ . Leased to Eureka Coal Co. October 2, 1894, south half of section 21				RR tracks, buildings, streams, contours, gangways; cross-sections		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
99	Sec. 15, 22 (21-7E)	<u>DALY MINE, CARBON MINE:</u> Carbon Coal and Clay Co.; Carbon Fuel Co.*					VI-5	microfilm reel 3
		D ₁ . Map of properties and workings of "Carbon mines"	roads, RR tracks, buildings, streams, elevations, contours; mine workings: Carbon gangway no. 3, 2, 1	no date	1:4800	1 xerox		
		KITTITAS						
11		<u>ROSLYN COALFIELD:</u> Northwestern Improvement Co.; Resources Research, Inc.*					V-1	
		A ₁ . Map of the Northwestern Improvement Company's Coal Lands and mines; Roslyn Field, showing progress during each fiscal year from 1896 to 1906	roads, RR tracks, streams, outcrop of Roslyn Vein, limit of coalfield, boreholes; plats of Roslyn, Ronald, No. 5 town, Cle Elum; gangways	1906	1:12,000	ink on linen		
		LEWIS						microfilm reel 3
18		<u>BELLE SLOPE MINE:</u> Bucoda Coal Mining Co.; K. and K. Coal Mining Co.					III-27	microfilm reel 4
		B. Map of the Belle Slope				add ink-paper		
19		<u>HANNAFORD MINE NO. 3:</u> Bucoda Coal Mining Co.					III-26	
		A ₁ . Map of the Hannaford mine No. 3	roads, RR tracks, buildings, streams, elevations, contours; different scale version of map A	1943	1:1200	1 blkln		
30	Secs. 1, 2, 11, 12, 13, 14, 23-26 (14-10E) 4-6, 7-9, 16-21, 28- 30 (14-11 E)	<u>SUMMIT CREEK PROPERTY:</u> White Pass Anthracite Coal Co., Inc.					III-34	
		D. Geologic Map of the Summit Creek coal field	roads, buildings, prospect outcrops, streams, contours	1943	1:31,800	2 blkln 1 ink		
31	Sec. 8 (14-1W)	<u>CENTRALIA COAL MINE NO. 1:</u> Centralia Coal Mining Co.					III-42	
		A. Map of Mine No. 1, proposed plan	RR tracks, buildings, proposed workings	1918	1:1200	1 blkln 1 ink		
32	Secs. 5-8 (13-2W) 1-4, 9-12 (13-3W) 17-20, 29-32 (14-2W) 13-16, 21-28 (14-3W)	<u>CURTISS COAL PROPERTY</u>					III-43	
		A. Map of Curtiss Coal Property	RR tracks, streams, town of Chehalis, property boundaries; cross-sections, columnar sections, assay	1918	1:31,680	1 xerox		

INDEX NO.	LOCATION	MINE NAME: Operator		DATE	SCALE	FORMAT OF MAPS IN TUBES	TUBE NO.	OTHER COPIES
		Title	Details: Surface features Mine workings, etc.					
LT2	Secs. 7, 18-20, 29-32 (15-1E) 7-36 (15-1W) 11-14, 23-26, 35, 36 (15-2W)	<u>PROPERTY AND IMPROVEMENTS OF THE WASHINGTON UNION COAL CO.:</u> Washington Union Coal Co.						microfilm reel 4
		D. Map showing properties of the Washington Union Coal Co.	RR tracks, land survey, streams, drill holes, assessed value/acre, levels, Bucoda, Pacific Coal & Gas Co. Skookumchuck, Hannaford mines	1915	1:28,160	ink on linen	IV-19	
		E. General map showing property and improvements of the Washington Union Coal Co.	roads, RR tracks, streams, ownership, figured price, towns of Bucoda and Tono	1944	1:25,300	1 blkln		
P20	Secs. 2-5 8-11, 14-17, 21-23, 26-28, 34, 35 (18-6E) 27, 28, 32-34 (19-6E)	<u>PIERCE</u> <u>MELMONT-WILKESON-CARBONADO AREA:</u> Pacific Coast Steel Co.						
		A ₁ . Map of subsurface workings in the Wilkeson, Carbonado, Melmont, and Fairfax coalfields	roads, RR tracks, structure, outcrops, gangways	?	1:12,000	1 blkln	II-27	
T5	Secs. 16-21 (15-1W) 13, 24 (15-2W)	<u>THURSTON</u> <u>HANNAFORD MINE NO. 1:</u> Washington Union Coal Co.; Strain Coal Co.*						microfilm reel 4 microfilm reel 5
		E. Hannaford No. 1 and Northwestern Coal and Transportation Co.'s mine	roads, RR tracks, buildings, streams, land survey, drill holes and gangways	?	1:6000	1 blkln	IV-24	
T6	Sec. 20 (15-1W)	<u>TONO MINE PROPERTY:</u> Strain Coal Co.						
		A. Outcrop map, Tono No. 1 seam	contours, outcrop, cross-sections	?	1:600	pencil on paper	IV-23	

APPENDIX: CROSS REFERENCE LISTS**Alphabetical Listing of Mine Names**

Mine	Operator	Index No.
American Canadian Fuel Co.'s mine	American Canadian Fuel Co.	Kt31
American Coal Co. lands and mines (Spiketon mines)	American Coal Co.	P4
Apex Coal Co. mine	Apex Coal Co.	P10
Atlas Coal Mines, Inc., mine	Atlas Coal Co. (Atlas Coal Mines, Inc.)	L29
B.P.D. Coal Co. mine	B.P.D. Coal Co. mine	K78
B. and R. mine at Newcastle in the Richmond Stanley tunnel	B. and R. (Baima and Rubitina) Coal Co.	K27
Belle slope (Belle) mine	Bucoda Coal Mining Co.	L18
	K. and K. Coal Mining Co.	L18
Bellingham Bay Improvement Co. coal land	Bellingham Bay Improvement Co.	W2
Bennet mine	No company cited	S1
Big Dirty seam	Washington Irrigation and Development Co.	T3
Big 6 mine	Pocohontas Coal and Coke Co.	K102
Black Diamond Coal Mining Co.	No. 12 mine	K71
Black Diamond mines	Pacific Coast Coal Co. (P.C.C.Co.)	K67
Black Diamond mines (Ginder Lake mine)	Strain Coal Co.	K68
Black Diamond mine, New Franklin Slope	Pacific Coast Coal Co.	K74
Black Diamond mines nos. 11 and 14	Pacific Coast Coal Co.	K66
Black Nugget mine	Black Nugget Coal. Co.	K3
	Northwest Improvement Co. (N.W.I. Co.)	K3
Black Prince mine	Black Prince Coal Co.	L15
Blue Blaze Coal Co. mine	Blue Blaze Coal Co.	K89
Blue Canyon mine	Blue Canyon Coal Mining Co.,	W1
Blue Flame mine	no company cited	Kt4
Boldes Carbon	no company cited	Mylar composite
Bonato Coal Co. mine	Bonato Coal Co.	P23
Bucoda Coal Mining Co.'s mine no. 1	Bucoda Coal Mining Co.	T2
Burnett mine	Pacific Coast Coal Co.	P6
Burnett-Wilkeson-Fairfax coalfields and mines	Northwestern Improvement Co.	P1
Burn-it Coal Co.'s mine no. 2	Burn-it Coal CO.	P5
Busy Bee Mining and Development Co.'s property	Busy Bee Mining and Development	Kt13
Cannel mine	no company cited	K47
Cannon mine and Franklin mine	Pacific Coast Coal Co.	K84
Carbon Fuel Co. mine no. 4	Carbon Fuel Co.	K97
Carbon mine	Carbon Coal and Clay Co.	K99
Carbonado mine	Pacific Coast Coal Co.	P25

Mine	Operator	Index No.
Carbonado mine	Strain Coal Co.	P26
Carbonado-Wilkeson coalfields and mines	Carbon Hill Coal Co.	P21
	Northwestern Improvement Co.	P21
Carbon Hill Coal Co.'s mine	Carbon Hill Coal Co.	P24
Carey prospect south of Cedar River; Jones and Cedar Mountain coal properties	Pacific Coast Coal Co.	K41
Caroline mine	Caroline Coal Co.	K43
	Tiger Mountain Coal Co.	K43
Cedar Mountain mine	West Coast Coal Co.	K42
	West Coast Fuel Co.	K42
Centralia Coal Co. mine	Centralia Coal Co.	L12
Centralia coalfield	no company cited	LT3
Charles Christian mine	Hannaford Coal Co.	L13
City of Roslyn and vicinity	Northwestern Improvement Co.	Kt2
Cle Elum Dam	Dept. of the Interior, Bureau of Reclamation, Yakima Storage Project, WA	Kt3
Cle Elum nos. 1, 2 and 3 mines	Northwestern Improvement Co.	Kt30
Coal Creek coalfield: Feasibility study for Newcastle Hills landfill	no company cited	K23
Coal Creek mine (old workings in vicinity of Nike site)	Pacific Coast Coal Co.	K16
Coal outcroppings in Lewis County	no company cited	L1
Coalfields of western Lewis and Thurston Counties	no company cited	LT1
Coalfields and prospects of southwest Washington	no company cited	LTC1
Coal seams of sec. 6	American Smelter Securities Co.	P39
Coast Coal Co.'s mines (Spiketown mines)	Coast Coal Co.	P3
Cokedale mine	Cokedale Coal Co.	S1
Columbia Coal Co.'s property (old Smith's mines)	Columbia Coal Co.	L22
Columbia Colliery mine	Columbia Colliery Coal CO.	L2
Comfort Coal Co.'s mine no. 1	Comfort Coal Co.	L21
Commercial Coal Co.'s mine no. 5 seam	Commercial Coal Co.	P15
	East Miller Coal Co.	P15
Conley Creek Coal mine	Conley Creek Coal Mining Co.	L27
Crocker mine	Carbon Hill Coal Co.	P27
Cropline map showing surface geological data, Wilkeson to Melmont	no company cited	P2
Cumberland-Bayne area	no company cited	K100
Cumberland-Durham coalfield	Northwestern Improvement Co.	K47
Dale mine - McKay Seam	Dale Coal Co.	K63
Dale no. 1 mine	Dale Coal Co.	K62
Daly mine	Carbon Coal and Clay Co.	K99

Mine	Operator	Index No.
Danville mine	Danville Coal Co.	K54
	North Coast Colliery Co.	K54
	Palmer Coking Coal Co.	K54
	Thermal Coal Co.	K54
Dependable Coal Co. mine no. 4 seam	Dependable Coal Co.	P11
Diamond mine	Diamond Coal Co.	L21
Douty mine	Carbon Hill Coal Co.	P32
	Pacific Coast Coal Co.	P32
Draghi mine	Draghi Coal Co.	K69
Durham-Hiawatha-Kangley coalfield	Northwestern Improvement Co.	K48
Durham mines	Morris Bros. Coal Mining Co.	K52
	Palmer Coking Coal Co.	K52
East Creek mines no. 3 and 4	East Creek Coal Co.	K49
Electric and Douty mines	Carbon Hill Coal Co.	P33
	Pacific Coast Coal Co.	P33
Electric mine	Carbon Hill Coal Co.	P31
	Pacific Coast Coal Co.	P31
Elk mine	Big 4 Coal Co.	K53
	Elk Coal Co.	K53
Eureka mine	Cumberland Coal Mining Co.	K96
F. and D. Coal Mining Co. property	F. and D. Coal Mining Co.	T7
Fairfax mine (new)	Tacoma Smelting Co. (American Smelting Co.)	P37
	Fairfax Mine Co.	P37
Fairfax mine (old)	Tacoma Smelter	P36
	Tacoma Smelting Co.	P36
Finn mine	no company cited	Mylar K4
Fire King mine	Fire King Mining Co.	K40
Ford's Prairie Coal Co.'s mine no. 1	Ford's Prairie Coal Co.	L3
Franklin-Black Diamond coalfields	Pacific Coast Coal Co.	K65
Franklin-Gem coal mine	Franklin-Gem Coal Co.	K77
Franklin mines	Palmer Coking Coal Co.	K80
Franklin mines ("Coy's workings")	Palmer Coking Coal Co.	K81
Franklin mine, 1900-1922	Pacific Coast Coal Co.	K79
Franklin mine, south extension	Palmer Coking Coal Co.	K83
Franklin no. 7 mine	Pacific Coast Coal Co.	K72
	Strain Coal Co.	K72
Freeburn Mine	Olympia Coal and Mining Co.	L16
Fulton no. 2 mine	Palmer Coking Coal Co.	K82
Gale Creek Coal and Coke Co. mine	Gale Creek Coal and Coke Co. mine	P14
	Northwestern Improvement Co.	
Gem Coal Co. mine	Gem Coal Co.	K88

Mine	Operator	Index No.
Gibbons no. 3 mine	no company cited	Mylar composite*
Glacier area	no company cited	W6
Glen Echo mine	Glen Echo Coal Co.	W4
	West Coast Coal Mines, Inc.	W4
Golden Glow coal mine	Golden Glow Coal Co.	L24
Grand Ridge mine	Central Coal Co.	K5
Grand Ridge mine (B. and R mine)	B. and R. Coal Co.	K6
Green River Gorge Coal Mining Co. mines	Green River Gorge Coal Mining Co.	K73
Green River mine	Green River Coal Mining Co.	K90
Hannaford mine no. 1	Strain Coal Co.	T5
	Washington Union Coal Co.	T5
Hannaford mine no. 2	Bucoda Coal Mining Co.	T4
Hannaford mine no. 3	Bucoda Coal Mining Co.	L19
Harris-Richmond coal mine	Harris Coal Co.	K11
Henry Bartoy's Acme Gem mine	Acme Gem Coal Co.	P17
Henry Bartoy's mine (<i>aka</i> Harry Rotoy's mine)		P12
Hiawatha mine	Northwest Improvement Co.	K51
Hi-grade mine	Hi-Grade Coal Co.	K11
Hi-heat Coal Co.'s mine	Hi-heat Coal Co.	K75
Hi-heat (new) mine area	Hi-heat Coal Co.	K76
Hyde mine	Hyde Coal Co.	K91
Hyde mine (new)	Hyde Mines Inc.	K92
	Olson Fuel Co.	K92
Independent Coal and Coke Co. area map	Independent Coal and Coke Co.	K93
Independent Coal and Coke Co.'s mine no. 1	Independent Coal and Coke Co.	Kt32
Indian mine	no company cited	K41
Issaquah mine	B. and R. Coal Co.	K10
	Issaquah and Superior Coal Mining Co., Ltd.	K8
	Pacific Coast Coal Co.	K9
Johnson Coal Co. mine	Johnson Coal Co.	K87
Johnson mine (old Lawson mine)	Ed Johnson, lessor	K70
		Kt9
Jonesville Coal Co.'s mines (old Roslyn Fuel Co. mines)	Jonesville Coal Co.	Kt7
Kangley, Parkins slope and Alta mines	Kangley Coal Co.	K50
	Parkins-Kangley Coal Co.	K50
Kelly Coal Co.'s mine	Kelly Coal Co.	P19
	Wilkeson-Miller Coal Co.	K50

*see page 4 for explanation

Mine	Operator	Index No.
Kolgate Kole Co. mine no. 1	Kolgate Kole Co.	L21
Kopiah mine	Wilson Coal Co.	L17
Kranko Queen mine	Queen Mining Co.	P9
Kranko and Wilson Queen mine		
Kummer mine	Denny Renton Clay & Coal Co.	K85
	Gladding, McBean and Co.	K85
	Kummer Coal Co.	K85
	Pacific Coast Coal Co.	K85
	Palmer Coking Coal Co.	K85
Lahey mine	no company cited	Mylar composite*
Lakedale mine no. 1	Consolidated Fuel Co.	Kt5
Landsburg mine	Landsburg Coal Co.	K55
	Palmer Coking Coal Co.	K55
Lawson mine	Pacific Coast Coal Co.	K70
	Ed Johnson, lessor	K70
Leonard property	no company cited	L8
Lizzard Mountain	no company cited	Mylar composite*
Main Slope mine in lower Coal Creek	Pacific Coast Coal Co.	K17
Majestic Coal Co. property	Majestic Coal Co.	T8
Map of Newcastle area showing company ownership	Palmer Coking Coal Co.	K21
Maps showing coal development in parts of secs. 1, 2, 11, 12, T20N, R14E	Northwestern Improvement Co.	Kt4
Martin's coal mine	Stoker Coal Co.	L4
Mashell Coal and Coke Co. mine	Mashell Coal and Coke Co.	P40
May Creek mine	May Creek Coal Co.	K28
Melmont mine	Northwestern Improvement Co.	P34
Melmont-Wilkeson-Carbonado area	Pacific Coast Steel Co.	P20
Mendota Coal and Coke Co.'s mine no. 1	Mendota Coal and Coke Co.	L20
Miller mine	Carbon Hill Coal Co.	P30
Mine "B"	Pacific Coast Coal Co.	K67
Monarch mine	Monarch Coal Mining Co.	L14
Montezuma mine	Evans Creek Coal and Coke Co.	P38
Morton Coal and Coke Co. mine	Morton Coal and Coke Co.	L28
Mt. Baker Anthracite coal mine, mine no. 1, Van Zandt	Mt. Baker Anthracite Coal Co.	W5
Navy mine	Naval Coal Co.	K95
New Black Diamond mine	Pacific Coast Coal Co.	K38

*see page 4 for explanation

Mine	Operator	Index No.
New Carbon seam	Carbon Fuel Co.	K98
Newcastle Colliery (old Newcastle)	Pacific Coast Coal Co.	K26
Newcastle-Issaquah mines composite	Pacific Coast Coal Co.	K7
Newcastle King Coal Co. mine	Newcastle King Coal Co.	K24
Newcastle King 4 Coal mine	King 4 Coal Co.	K25
Newcastle mine	Pacific Coast Coal Co.	K22
Newcastle mine	Strain Coal Co.-workings in vicinity of Ford slope	K18
Newcastle mines	B. and R. Coal Co.	K19
Newcastle mines, no. 3 1/2	B. and R. Coal Co.	K20
New Durham mine sec. 2 (21-7E)	Palmer Coking Coal	K52
New Franklin slope sec. 7 (21-7E)	Strain Coal Co.	K74
New Lake Youngs Coal Co. (also Lake Young Coal Co.)	Lake Young Coal Co.	K39
New McKay mine	Dale Coal Co.	K61
New Slope mine	B. and R. Co.	K15
No. 4 seam	Wilkeson-Wingate Coal Co.	P16
Nonpareil mine	Peoples Fuel Co., Inc.	L6
Northwestern Coal and Transportation Co. mine	Old Northwestern Coal and Transportation Co.	T1
Northwestern Improvement Co.'s coal and land holdings, King County	Northwestern Improvement Co.	K1
Northwestern Improvement Co. map showing location of coal mines	Northwestern Improvement Co.	PK1
Northwestern Improvement Co. prospect holes	Northwestern Improvement Co.	P35
No. 12 mine	Black Diamond Coal Mining Co.	K71
	Pacific Coast Coal Co.	K71
Occidental mines	Colgate Coal Co.	K101
	Morris Bros., Inc., operators	K101
	Occidental Coking Coal Co.	K101
Okay Coal Co. mine	Okay Coal Co.	K73
Old Franklin to Newcastle mines	B. and R. Coal Co.	K46
Ozark mine	Naval Coal Co.	K95
Pacific Coast Coal Co. property	Pacific Coast Coal Co.	PK2
Palmer Junction mine	no company cited	K47
Patton mine	no company cited	K32
Peanut mine	Peanut Coal Co.	P8
Phoenix Coal Co. no. 1	Premier Coal Co.	L21
Projection of coal seams east of Coal Creek	no company cited	K13
Queen mine	Buralli Mining Co.	P13
Queen no. 1 mine	Bianco Coal Co.	K12
Ravensdale area mines	Northwestern Improvement Co.	K56
	Raven Coal Co.	K56

Mine	Operator	Index No.
Ravensdale area cross sections	Northwestern Improvement Co.	K57
	Dale Coal Co.	K57
Ravensdale mine	Raven Coal Co.	K58
	Central Coal Co.	K58
Ravensdale no. 1 mine	Northwestern Improvement Co.	K59
Ravensdale no. 2 mine (McKay workings)	Northwestern Improvement Co.	K60
Red Devil mine	Red Devil Coal Co.	K40
	Romano Coal. Co.	K40
Reliance coal mine	Reliance Coal Co.	L9
Renton Junction mine	Diamond Coal Co.	K29
Renton mine	Denny-Renton Clay and Coal Co.	K30
	Renton Coal Co.	K32
	Seattle Electric Co.	K31
Reynolds Coal Co. mine	Reynolds Coal Co.	K4
Ronald no. 2 mine	Northwestern Improvement Co.	Kt19
Rose-Marshall	no company cited	K91
Roslyn Big Seam	Northwestern Improvement Co.	Kt19
Roslyn-Cascade Coal Co.'s mine no. 1	Roslyn-Cascade Coal Co.	Kt17
Roslyn-Cascade Coal Co.'s mine no. 2	Roslyn-Cascade Coal Co.	Kt14
Roslyn-Cascade Coal Co.'s no. 3 mine	Roslyn-Cascade Coal Co.	Kt15
Roslyn-Cascade Coal Co.'s no. 4 mine	Roslyn-Cascade Coal Co.	Kt26
Roslyn coalfield	Northwestern Improvement Co.	Kt1
	Resources Research, Inc.	Kt1
Roslyn Fuel Co.'s mine no. 1	Roslyn Fuel Co.	Kt11
Roslyn Fuel Co.'s mine no. 2	Roslyn Fuel Co.	Kt12
Roslyn Fuel Co.'s mine no. 3	Roslyn Fuel Co.	Kt10
Roslyn no. 1 mine	Northwestern Improvement Co.	Kt25
Roslyn no. 2 mine	Northwestern Improvement Co.	Kt21
Roslyn no. 3 mine	Northwestern Improvement Co.	Kt18
Roslyn no. 4 mine	Northwestern Improvement Co.	Kt22
Roslyn no. 5 mine	Northwestern Improvement Co.	Kt26
Roslyn no. 6 mine	Northwestern Improvement Co.	Kt24
Roslyn no. 7 mine	Northwestern Improvement Co.	Kt28
Roslyn no. 8 mine	Northwestern Improvement Co.	Kt20
Roslyn no. 9 mine	Northwestern Improvement Co.	Kt23
Rothlisberger's coal explorations	Northwestern Improvement Co.	Kt27
Salzer Valley (King Coal Co.) mine	Salzer Valley King Coal Co.	L11
Section Six mine	Pacific Coast Coal Co.	K64
Sedro mine	no company cited	S1
Shaft mine	Denny-Renton Clay and Coal Co.	K45
Sheldon mine	Sheldon Coal Co.	L10
Skookum mine	Wilkeson Products Co.	P18

Mine	Operator	Index No.
Smith's Coal Co. mine no. 1 (aka Kolgate Kole Co., Comfort Coal Co., Premier Coal Co., Domestic Coal Co.)	Smith's Coal Co.	L21
South Willis mines	Gale Creek Coal Mining Co.	P7
Spring Brook mine	Renton Mining Co., Inc	K35
	Speing Brook Coal Co.	K36
Spring Brook mines	Spring Brook Coal Co.	K34
Spring Brook-King mine	Spring Brook Coal Co.	K34
Spring Glen mine	Spring Glen Coal Co.	K37
Sotker Coal Mining Co. moine	Stoker Coal Mining Co.	L5
Stratigraphy of coal seams along Coal Creek	no compnay cited	K14
Summit Creek property	White Pass Anthracite Coal Co. Inc.	L30
Summit mine	Summit Coal Mining Co.	Kt29
Sunbeam mine	Renton Coal Co.	K33
Sunset mine	National Coal Co., Inc.	K94
	Sunset Coal Mining Co.	K94
Superior no. 2 mine	Superior Coal Co.	L7
Talbot mines	no company cited	K32
Taylor mines	Denny Renton Clay and Coal Co.	K45
	Gladding, McBean & Co.	K45
Tiger Mountain mine	Tiger Mountain Coal Co.	K43
	Caroline Coal Co.	K43
Toledo coal mine	Graham Bros. and Medley Coal Co.	L23
Tono mine property	Strain Coal Co.	T6
Townsend mine	no company cited	Kt26
United States Coal Co. mine	United States Coal Co.	K2
Unnamed prospect 1 mi. northwest of Hobart	no company cited	K44
Victory mine	Black Prince Coal Co.	L15
Washington Union Coal Co. mine	Washington Union Coal Co.	LT2
Wilkeson Coal and Coke Co.	Wilkeson mines	P22
Wilkeson mines	Wilkeson Coal and Coke Co.	P2
Wilkeson-Wingate Coal Co. mine no. 4 seam	Wilkeson-Wingate Coal Co.	P16
Wingate mine	Carbon Hill Coal Co.	P28
Wingate mine and Crocker mine	Carbon Hill Coal Co.	P29
Wright mine	no company cited	Kt4

Alphabetical Listing of Mine Operators

Operator	Mine	Index No.
Acme Gem Coal Co.	Henry Bartoy's Acme Gem mine	P17
American Coal Co.	American Coal Co. ands and mines (Spiketown mines)	P4
American Smelter Securities Co.	Coal seam no. 6	P39
Apex Coal Co.	Apex Coal Co. mine	P10
Atlas Coal Co. (Atlas Coal Mines, Inc.)	Atlas Coal Mines, Inc. mine	L29
B.P.D. Coal Co.	B.P.D. Coal Co. mine	K78
B. and R. (Baima and Rubitina) Coal Co.	B. and R. mine at Newcastle in the Richmond- Stanley tunnel	K27
	Grand Ridge mne	K16
	Issaquah mine	K10
	Newcastle mines	K19
	Newcastle mines, no. 3½ seam	K20
	New Slope mine	K15
	Old Franklin to Newcastle mines	K46
Bartoy Coal Co.	Henry Bartoy's mine	P12
Bellingham Coal Mine Co.	Bellingham Coal Mine Co.'s mine no. 1	W3
Bellingham Bay Improvement Co.	Bellingham Bay Improvement Co. coal land	W2
Bianco Coal Co.	Queen no. 1 mine	K12
Big 4 Coal Co.	Elk mine	K53
Black Diamond Coal Mining Co.	No. 12 mine	K71
Black Nugget Coal Co.	Black Nugget mine	K3
	Black Nugget Coal Co. mine	K4
	Reynolds Coal Co. mine	K4
Black Prince Coal Co.	Black Prince mine	L15
	Victory mine	L15
Blue Blaze Coal Co.	Blue Blaze Coal Co. mine	K89
Blue Canyon Coal Mining Co.	Blue Canyon mine	W1
Bonato Coal Co.	Bonato Coal Co. mine	P23
Bucoda Coal Mining Co.	Belle Slope (Belle) mine	L18
	Bucoda Coal Mining Co.'s mine no. 1	T2
	Hannaford mine no. 2	T4
	Hannaford mine no. 3	L19
Buralli Mining Co.	Queen mine	P13
Burn-it Coal Co.	Burn-it Coal Co.'s mine no. 2	P5
Busy Bee Mining and Development Co.	Busy Bee Mining and Development Co.'s property	Kt13
Carbon Coal and Clay Co.	Daly mine	K99
Carbon Fuel Co.	Mine no. 4	K97
	New Carbon seam	K98

Operator	Mine	Index No.
Carbon Hill Coal Co.	Carbon Hill Coal Co.'s mines	P24
	Crocker mine	P27
	Carbonado-Wilkeson coalfields and mines	P21
	Douty mines	P32
	Electric and Douty mines	P33
	Electric mine	P31
Carbon Hill Coal Co. (<i>cont'd</i>)	Miller mine	P30
	Wingate and Crocker mine (composite)	P29
	Wingate mine	P28
Caroline Coal Co.	Caroline mine	K43
Cental Coal Co.	Grand Ridge mine	K5
	Ravensdale mine	K58
	Centralia Coal Co. mine	L12
Coalgate Coal Co.	Occidental mines	K101
Coast Coal Co.	Coast Coal Co.'s mines	P3
	(Spiketown mines)	
Cokedale Coal Co.	Cokedale mine	S1
Columbia Coal Co.	Columbia Coal Co.'s property	L22
	(old Smith's mines)	
Columbia Colliery Coal Co.	Columbia Colliery mine	L2
Commercial Coal Co.	Commercial Coal Co. mine, no. 5 seam	P15
Conley Creek Coal Mining Co.	Conley Creek coal mine	L27
Consolidated Fuel Co.	Lakedale mine no. 1	Kt5
Cumberland Coal Mining Co.	Eureka mine	K96
	Dale no. 1 mine	K62
	Dale mine - McKay seam	K63
	Mew McKay mine	K61
	Danville mine	K54
Denny-Renton Clay and Coal Co.	Kummer mine	K85
	Renton mine	K30
	Taylor mines	K45
	Dependable Coal Co. mine, no. 4 seam	P11
Dept. of the Interior, Bureau of Reclamations	Cle Elum Dam, Yakima Storage Project, WA	Kt3
Diamond Coal Co.	Diamond mine	K29
Draghi Coal Co.	Draghi mine	K69
East Creek Coal Co.	East Creek mines nos. 3 and 4	L25
Elk Coal Co.	Elk mine	K53
Evans Creek Coal and Coke Co.	Montezuma mine	P38
F. and D. Coal Mining Co.	F. and D. Coal Mining Co. property	T7
Fairfax Mine Co.	Fairfax mine (new)	P37
Fire King Mining Co.	Fire King mine	K40
Fords Prairie Coal Co.	Fords Prairie Coal Co.'s mine no. 1	L3

Operator	Mine	Index No.
Franklin-Gem Coal Co.	Franklin-Gem coal mine	K77
Gale Creek Coal and Coke Co.	Gale Creek Coal and Coke Co. mine	P14
Gale Creek Coal Mining Co.	South Willis mines	P7
Gem Coal Co.	Gem Coal Co. mine	K88
Gladding, McBean and Co.	Kummer mine	K85
	Taylor mines	K45
Glen Echo Coal Co.	Glen Echo mine	W4
Golden Glow Coal Co.	Golden Glow coal mine	L24
Graham Bros. and Medley Coal Co.	Toledo coal mine	L23
Green River Coal Mining Co.	Green River mine	K90
Green River Gorge Coal Mining Co.	Green River Gorge Coal Mining Co. mine	K73
Hannaford Coal Co.	Charles Christain mine	L13
Harris Coal Co.	Harris-Richmond coal mine	K11
Hi-grade Coal Co.	Hi-grade mine	K34
Hi-heat Coal Co.	Hi-heat Coal Co.'s mine	K75
	New Hi-heat area	K76
Hyde Coal Co.	Hyde mines	K91
Hyde Mines, Inc.	New Hyde mine	K92
Independent Coal and Coke Co.	Area map	K93
	Independent Coal and Coke Co.'s mine no. 1	Kt32
Issaquah and Superior Coal Mining Co., Ltd.	Issaquah mine	K8
Johnson Coal Co.	Johnson Coal Co. mine	K87
Ed Johnson, lessor	Johnson mine (old Lawson mine)	K70
Jonesville Coal Co.	Jonesville Coal Co.'s mines	Kt7
	(old Roslyn Fuel Co. mines)	Kt8
		Kt9
K. and K. Coal Mining Co.	Belle Slope (Belle) mine	L18
Kangley Coal Co.	Kangley, Parkins Slope and Alta mines	K50
Kelly Coal Co.	Kelly Coal Co.'s mine	P19
Kummer Coal Co.	Newcastle King 4 Coal Co. mine	K25
Lake Young Coal Co.	Lake Young Coal Co. mine	K39
	(aka New Lake Youngs Coal Co. mine)	
Landsburg Coal Co.	Landsburg mine	K55
Majestic Coal Co.	Majestic Coal Co. prpoerty	T8
Mashell Coal and Coke Co.	Mashell Coal and Coke Co.	P40
May Creek Coal Co.	May Creek mine	K28
Mendota Coal and Coke Co.	Mendota Coal and Coke Co.'s mine no. 1	L20
Monarch Coal Mining Co.	Monarch mine	L14
Morris Bros. Coal Mining Co.	Durham mines	K52
Morris Bros., Inc.	Occidental mines	K101
Morton Coal and Coke Co.	Morton Coal and Coke Co. mine	L28

Operator	Mine	Index No.
Mt. Baker Anthracite Coal Co.	Mt. Baker Anthracite Coal Co. mine, Mine no. 1, Van Zandt	W5
National Coal Co., Inc.	Sunset mine	K94
Naval Coal Co.	Navy mine (<i>aka</i> Ozark mine)	K95
Newcastle King Coal Co.	Newcastle King Coal Co.	K24
New Lake Youngs Coal Co.	New Lake Youngs Coal Co. mine (<i>aka</i> Lake Young Coal Co. mine)	K39
North Coast Colliery Co.	Danville mine	K54
Northwest Improvement Co. (N. W. I. Co.)	Black Nugget mine	K3
	Burnett-Eilkeson-Fairfax coalfields and mines	P1
	Carbonado-Wilkeson coalfields and mines	P21
	City of Roslyn and vicinity	Kt2
	Cle Elum nos. 1, 2, and 3 mines	Kt30
	Cumberland-Durham coalfield	K47
	Development in parts of secs. 1, 2, 11, 12, T20N, R14E	Kt4
	Durham-Hiawatha-Kangley coalfield	K48
	Durham mine vicinity	K49
	Hiawatha mine	K51
	Location of (various) mines in Pierce and King Counties	PK1
	Melmont mine	P34
	Plant mine	Kt6
	Ravensdale area mines	K56
	Ravensdale No. 1 mine	K59
	Ravensdale No. 2 mine	K60
	Ronald no. 2 mine	Kt19
	Roslyn no. 1 mine	Kt25
	Roslyn no. 2 mine	Kt21
	Roslyn no. 3 mine	Kt18
	Roslyn no. 4 mine	Kt22
	Roslyn no. 5 mine	Kt26
	Roslyn no. 6 mine	Kt24
	Roslyn no. 7 mine	Kt28
	Roslyn no. 8 mine	Kt20
	Roslyn no. 9 mine	Kt23
	Rothlisberger's coal explorations	Kt27
Occidental Coking Coal Co.	Occidental mines	K101
Okay Coal Co.	Okay Coal Co. mine	K73
Old Northwestern Coal and Transportation Co.	Old Northwestern Coal and Transportation Co. mine	T1
Olson Fuel Co.	Hyde mine (new)	K92

Operator	Mine	Index No.
Olympia Coal and Mining Co.	Freeburn mine	L16
Pacific Coast Coal Co. (P.C.C. Co.)	Black Diamond mines	K67
	Black Diamond mines, New Franklin slope	K74
	Black Diamond mines nos. 11 and 14	K66
	Burnett mine	P6
	Cannon mine and Franklin mine	P6
	Carey prospect south of Cedar River: Jones & Cedar Mountain coal properties	K84
	Carbonado mine	P25
	Coal Creek mine	K16
	Douty mine	P32
	Electric mine	P33
	Electric mine	P31
	Franklin-Black Diamond coalfields	K65
	Franklin mine, 1900-1922	K79
	Franklin no. 7	K72
	Harris-Richmond Coal Co. mine	K11
	Issaquah mine	K9
	Kummer mine	K85
	Lawson mine (old Lawson mine)	K70
	Main Slope mine in lower CoalCreek	K17
	New Black Diamond mine	K38
	Newcastle Colliery (old Newcastle)	K26
	Newcastle-Issaquah mines composite	K7
	Newcastle mine	K22
	No. 12 mine	K71
	Section Six mine	K64
Pacific Coast Steel Co.	Melmont-Wilkeson-Carbonado area	P20
Palmer Coking Coal Co.	Danville mine	K54
	Durham mines	K52
	Franklin mines	K80
	Franklin mines ("Coy's workings")	K81
	Franklin mine, south extension	K83
Palmer Coking Coal Co. (<u>cont'd</u>)	Fulton no. 2 mine	K82
	Kummer mine	K86
	Landsburg mine	K55
	New Durham mine (sec. 2, 21-7E)	K52
Parkins-Kangley Coal Co.	Kangley, Parkins Slope and Alta mines	K50
Peanut Coal Co.	Peanut mine	P8
Peoples Fuel Co., Inc.	Nonpareil mine	L6
Phoenix Coal Co.	Phoenix Coal Co. properties (old East Creek mines)	L26

Operator	Mine	Index No.
Pocahontas Coal and Coke Co.	Big 6 mine	K102
Queen Mining Co.	Kranko Queen mine	P9
	Kranko and Wilson Queen mine	P9
Raven Coal Co.	Ravensdale area mines	K56
	Ravensdale mine	K58
Red Devil Coal Co.	Red Devil mine	K40
Reliance Coal Co.	Reliance coal mine	L9
Renton Coal Co.	Renton mine	K32
	Sunbeam mine	K33
Renton Mining Co.	Spring Brook mine	K35
Resources Research, Inc.	Roslyn coalfield	Kt1
Reynolds Coal Co.	Reynolds Coal Co. mine	K4
Romano Coal Co.	Red Devil mine	K40
Roslyn-Cascade Coal Co.	Roslyn-Cascade Coal Co.'s mine no. 1	Kt17
	Roslyn-Cascade Coal Co.'s mine no. 2	Kt14
	Roslyn-Cascade Coal Co.'s no. 3 mine	Kt15
	Roslyn-Cascade Coal Co.'s no. 4 mine	Kt16
Roslyn Fuel Co.	Roslyn Fuel Co.'s mine no. 1	Kt11
	Roslyn Fuel Co.'s mine no. 2	Kt12
	Roslyn Fuel Co.'s mine no. 3	Kt10
Salzer Valley King Coal Co.	Salzer Valley (King Coal Co.) mine	L11
Seattle Electric Co.	Renton mine	L31
Sheldon Coal Co.	Sheldon mine	L10
Smith's Coal Co.	Smith's Coal Co. mine no. 1	L21
	(aka Kolgate Kole Co., Comfort Coal Co., Premier Coal Co., Domestic Coal Co.)	
Spring Brook Coal Co.	Spring Brook mines	K34
	Spring Brook-King mine	K34
	Spring Brook mine	K36
Spring Glen Coal Co.	Spring Glen mine	K37
Stoker Coal Mining Co.	Martin's coal mine	L4
	Stoker Coal Mining Co. mine	L5
Strain Coal Co.	Black Diamond mines (Ginder Lake mine)	K68
	Carbonado mine	P26
	Franklin no. 7 mine	K72
	Hannaford mine no. 1	T5
	Newcastle mine (workings in vicinity of Ford Slope)	K18
	New Franklin slope (Sec. 7 (21-7E))	K74
	Tono mine property	T6
Summit Coal Mining Co.	Summit mine	Kt29
Superior Coal Co.	Superior no. 2	L7

Operator	Mine	Index No.
Tacoma Smelting Co.	Fairfax mine (new)	P37
(American Smelting Co.)	Fairfax mine (old)	P36
Thermal Coal Co.	Danville mine	K54
Tiger Mountain Coal Co.	Tiger Moutain mine	K43
United States Coal Co.	United States Coal Co. mine	K2
Washington Irrigation and Development Co.	Big Dirty seam	T3
Washington Union Coal Co.	Hannaford mine no. 1	T5
	Washington Union Coal Co. mine	LT2
West Coast Coal Co.	Cedar Mountain mine	K42
West Coast Coal Mines, Inc.	Glen Echo mine	W4
West Coast Fuel Co.	Cedar Mountain mine	K42
White Pass Anthracite Coal Co., Inc.	Summit Creek property	L30
Wilkeson Coal and Coke Co.	Wilkeson mines	P22
Wilkeson-Miller Coal Co.	Wilkeson mines	P22
Wilkeson-Miller Coal Co.	Kelly Coal Co.'s mine	P19
Wilkeson Products Co.	Skookum mine	P18
Wilson Coal Co.	Kopiah mine	L17