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Merritt Files
No. 1

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Copy of the

Copy of a letter from the Chief Inspector of Mines to the
of Mines, dated December 4, 1944, re letter of Mr. J.J. Gillis,
M.L.A., re diamond drilling Diamond Vale coal property.

Memo from P.J. Mulcahy to Dr. Sargent advising that a warrant of
\$10,000 has been granted for exploratory drilling in the Merritt
coal basin, dated November 9, 1945.

Memo from Dr. Sargent to Mr. Walker, dated November 14, 1945, re
proposed diamond drilling in the Merritt Coal Field.

Letter from G. Murray, L.S. Coal Mines Ltd., dated November 15,
1945 requesting a copy of the geological report by Dr. Hedley
on the Nicola Coal Area is available.

Letter to G. Murray, Merritt from Dr. Hedley re the proposed drilling
programme, dated November 20, 1945.

Wire from G. Murray to Dr. Hedley, dated November 21, 1945 advising
that Mr. Lauder, owner surface section 14, assures no objection to
drilling.

Letter from G. Murray, dated November 24, 1945 confirming wire.

Letter to G. Murray, dated December 4, 1945, requesting that he
obtain something in writing from Mr. Lauder confirming the fact
that he is agreeable to the drilling being done on land of which
he owns the surface rights.

Copy of wire from J.J. Gillis to E.C. Carson, dated January 24, 1946,
recommending abandonment of present hole.

Copy of wire from J.J. Gillis to E.C. Carson, dated January 26, 1946,
further to above.

Copy of wire from E.C. Carson to J.J. Gillis, dated January 28, 1946,
in reply to wires of January 24 and 26.

Copy of wire from J.J. Gillis to E.C. Carson, dated January 28, 1946,
strongly recommending abandonment of present site.

Copy of wire from E.C. Carson to J.J. Gillis, dated January 29, 1946,
advising that hole is to be continued and that Dr. Sargent is
going to Merritt.

Copy of wire from Merritt Board of Trade to E.C. Carson, dated
January 28, 1946, urging abandonment of present hole.

Copy of wire from E.C. Carson to President, Merritt Board of Trade,
dated January 29, 1946, advising continuation of present hole.

17 folders containing Merritt
Drilling correspondence have been
listed on the attached sheets &
have been taken to the S. O. Complete
copies of the logs are filed here.
R.P.

Taken to General
Office Jan 20/46
R.P.

Memo to Miss Taylor from Dr. Sargent, dated February 11, 1946, attaching copy of letter to J.R. Jobling, President, Merritt Board of Trade, dated February 11, 1946, re Diamond Drilling, Merritt Coal Basin.

Memo to Dr. Walker from Dr. Sargent, dated February 12, 1946, attaching copy of letter to J.R. Jobling, President, Merritt Board of Trade, dated February 11, 1946, re Diamond Drilling, Merritt Coal Basin.

Letter from Dr. Hedley to The Hon. E.W. Hamber, dated February 15, 1946, requesting information about the Middlesboro Collieries, Ltd.

Letter from Secretary to Mr. Hamber to Dr. Hedley, dated February 19, 1946, advising that Middlesboro Collieries records were burned in a fire.

Letter from J.R. Jobling, President, Merritt Board of Trade, dated February 19, 1946, acknowledging letter of February 11.

Letter from Dr. Sargent to J.R. Jobling acknowledging letter of February 19, dated February 22, 1946.

Memo from Dr. Sargent to the Minister, dated March 1, 1946, attaching a letter from Percy Scott of the Mining Committee, Merritt Board of Trade, dated February 26, re Merritt Drilling.

Memo from Miss Taylor to Dr. Sargent asking Dr. Sargent to reply to Mr. Scott's letter, dated March 6, 1946.

Letter from Dr. Sargent to Percy Scott, dated March 8, 1946, in reply to Mr. Scott's letter of February 26.

Information obtained by telephone on May 7 from F.O. Morris re Lot 120.

Letter from J.J. Gillis to Hon. R.C. MacDonald, dated May 21, 1946, re abandonment of hole.

Letter from the Minister to J.J. Gillis, dated May 28, 1946, advising the hole is to be continued.

Letter from J.J. Gillis to Hon. R.C. MacDonald, dated June 6, 1946, re abandonment of hole.

Letter from Miss Taylor to J.J. Gillis, dated June 11, 1946, advising that the Minister is out of town.

Wire from J.J. Gillis to Hon. R.C. MacDonald, dated June 10, 1946, re abandonment of hole.

Letter from Miss Taylor to J.J. Gillis, dated June 11, 1946, advising that the Minister is out of town.

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Letter from J.J. Gillis to Hon. R.C. MacDonald, dated June 13, 1946, re drilling at Merritt.

Wire from J.J. Gillis to Hon. R.C. MacDonald, dated June 17, 1946, re drilling at Merritt.

Wire from Hon. R.C. MacDonald to J.J. Gillis, dated June 17, 1946, advising abandonment of hole.

Memo from Mr. Dickson to R.C. MacDonald re letter of May 11, 1946, from Mr. Geo. Murray, Merritt Coal Mines, Ltd., re the programme of drilling. Memo dated May 29, 1946.

Letter from Miss Taylor to Mr. Murray, dated June 12, 1946, acknowledging his letter of May 11 and advising him that the Minister is away.

Wire to George Hanson, Geological Survey, Ottawa, from Dr. Sargent, dated October 22, 1945, requesting the location of certain boreholes in Merritt Coal Basin.

Wire from Dr. Walker to Dr. Sargent, dated October 26, 1945, advising that Hanson has no unpublished information re boreholes.

Letter from Dr. Sargent to Dr. Hanson, dated October 23, 1945, confirming wire of October 22, 1945.

Wire from Dr. Hanson to Dr. Sargent, dated October 24, 1945, advising that they have no data relating to the locations of boreholes.

Letter from Dr. Sargent to R.A. Smith, Merritt, dated February 6, 1946, enclosing copy of report re Merritt Collieries Ltd. made in 1913 by Frank C. Green and a report by Alfred J. Gaul.

Letter from Mr. Dodd, Gold Commissioner, Greenwood, dated July 9, 1946, to Dr. Walker enclosing letter to Dr. Walker from Dr. Sargent dated July 6, 1946, enclosing the description of intersections which resemble commercial seams in Holes 1, 2 and 4 and in old Hole No. 11.

Memo to the Minister from Dr. Sargent re Sunshine Coal property, dated July 15, 1946.

Memo to the Minister from Dr. Sargent enclosing transcript of the record of coal seams cut in holes 1, 2 and 4 and hole no. 11, dated July 12, 1946.

Memo to the Minister from Dr. Sargent, dated July 31, 1946, re drilling of Hole No. 5.

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Merritt Files
No. 2

Letter from Dr. Sargent to Dr. Walker, dated July 6, 1946, enclosing description of intersections in Holes 1, 2 and 4 and in Hole No. 11.

Memo from Dr. Sargent to Mr. MacDonald, dated July 9, 1946, re Hole No. 4.

Memo from Dr. Sargent to Mr. MacDonald, dated July 10, 1946, re the proposal to drill two additional holes.

Memo to Dr. Hedley, Dr. White and Mr. Newmarch from Dr. Sargent, dated May 27, 1946, advising that a summary of information obtained in drilling at Merritt is to be made by the officers connected with the project.

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Merritt Files
No. 3

Letter from Dr. Hedley to Dr. Sargent, dated October 31, 1945, re maps of the Merritt area.

Notes from report by Frank C. Green, 1913.

Letter from E.R. Hughes to Dr. Hedley, dated December 19, 1945, giving a report on the drilling at Merritt.

Letter from Dr. Hedley to E.R. Hughes, dated December 22, 1945 acknowledging receipt of above letter.

Memo from Dr. Sargent to Dr. Hedley that a summary of information obtained in drilling at Merritt is to be made by the officers connected with the project. Dated May 27, 1946.

Letter from Dr. Hedley to Dr. Sargent, dated May 31, 1946, re consultation with J.J. Gillis and G. Murray.

Letter from Dr. Sargent to Dr. Hedley, dated June 6, 1946, acknowledging above letter.

Memo to Dr. Sargent from Dr. Hedley, dated May 28, 1946, re information on Merritt Coal Investigations.

Merritt Files

No. 4

Letter from Dr. Sargent to Boyles Bros., dated October 30, 1945,
re drilling program.

Letter from Dr. Hedley to Boyles Bros., dated November 22, 1945,
re drilling.

Letter from Boyles Bros. to Dr. Sargent, dated November 30, 1945,
enclosing three copies of contract and advising that equipment
will arrive on Dec. 4.

Letter from Dr. Sargent to Boyles Bros., dated December 3, 1945,
re contracts.

Letter from Dr. Sargent to Boyles Bros., dated December 5, 1945,
enclosing contract re drilling at Merritt, changes to be
initialled and two copies returned.

Letter from Dr. Sargent to Boyles Bros., dated December 5, 1945,
re the supplying of core boxes.

Letter from Dr. Sargent to Boyles Bros., dated December 12, 1945,
requesting acknowledgement of letters dated December 5.

Letter from Dr. Sargent to Boyles Bros., dated January 12, 1946,
requesting a daily report of footage on periodic reports of
drilling.

Reports of work dated January 31, 1946 and February 12, 1946.

Reports of work dated January 15, 21, 28, 31, and February 7, 1946.

Reports of work dated February 14 and 15, 1946

Letter from Dr. Sargent to Boyles Bros., dated February 15, 1946,
requesting dates to which items listed under standpiping apply.

Letter to Boyles Bros. from Dr. Sargent, dated February 15, 1946,
re drilling.

Report of work dated February 21, 1946.

Letter from Boyles Bros. to Dr. Sargent, dated February 16, 1946,
regarding dates of standpiping.

Letter from Dr. Sargent to Boyles Bros., dated February 23, 1946,
acknowledging above letter.

Report of work dated February 28, 1946.

Report of work dated March 7, 1946.

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Letter from Dr. Sargent to Boyles Bros., dated March 22, 1946,
re experiment by Boyles Bros. in drilling Hole No. 2.

Report of work dated March 14, 1946.

Total of Boyles invoices.

Letter from Dr. Sargent to Boyles Bros., dated March 26, 1946,
pointing out errors in accounts.

Report of work dated March 31, 1946.

Corrected invoices for weeks ending February 15 and January 31, 1946

Report of work dated March 21, 1946.

Letter from Boyles Bros. to Dr. Sargent, dated March 28, 1946,
advising that no charge is being made for the experiment.

Letter from Dr. Sargent to Boyles Bros., dated April 1, 1946,
acknowledging above letter and requesting a credit note for
January.

Reports of work dated April 7, 1946, April 14, April 21, April 22,
May 7, May 15, May, 1946, May 31, June 8, June 15, June 22,
June 30, 1946

Letter from Dr. Sargent to Boyles Bros., dated May 10, 1946,
advising that Mr. Newmarch is going to replace Dr. White.

Letter from Dr. Sargent to Boyles Bros., dated July 17, 1946,
re the drilling of another hole.

Letter from Dr. Sargent to Boyles Bros., dated July 30, 1946,
re account dated June 30.

Letter from Dr. Sargent to Boyles Bros., dated August 6, 1946,
re drilling of Hole No. 6.

Reports of work dated July 31, 1946, August 7, August 14, August 17,
July 7, 1946.

Letter from Boyles Bros to Dr. Sargent, dated November 7, 1945,
re cost of drilling program.

Letter from Dr. Sargent to Boyles Bros., dated November 15, 1945,
acknowledging the above letter.

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Merritt Files

No. 5

Letter from T. Connors Diamond Drilling Co. to Dr. Sargent,
dated October 31, 1945, advising that Mr. Murphy is out of town.

Letter from Dr. Sargent to T. Connors Diamond Drilling Co.,
dated November 1, 1945, acknowledging letter of October 31.

Letter from T. Connors Diamond Drilling Co. to Dr. Sargent,
requesting a copy of Ells' report "Nicola Coal Basin" and
Memoir 69, dated November 2, 1945.

Letter from Dr. Sargent to T. Connors Diamond Drilling Co.,
dated November 3, 1945, advising that they can obtain copies
of the two reports at 305 Federal Building.

Letter from Dr. Sargent to T. Connors Diamond Drilling Co.,
dated November 7, 1945, further to drilling program.

Letter from T. Connors Diamond Drilling Co. to Dr. Sargent,
dated November 13, 1945, re cost of drilling.

Letter from Dr. Sargent to T. Connors Co., dated November 14, 1945,
giving more information about number of holes, etc.

Letter from Boyles Bros. to Dr. Sargent, dated December 14, 1945,
enclosing two copies of Contract.

Description of land from contract with Boyles Bros.

Memo from Dr. Sargent to Mr. Mulcahy, dated April 4, 1946, re
Hole No. 2.

Memo from Mr. Mulcahy to Dr. Sargent re payment of invoices,
dated April 11, 1946.

Copy of voucher dated April 18.

Memo from Dr. Sargent to the Minister, dated March 27, 1946,
giving costs of Holes No. 1 and 2.

Costs of Holes No. 1 and 2.

Merritt Drilling Costs

Copy of memo from Asst. Deputy Minister of Finance to Dr.
Walker, dated June 28, 1946, re grant for Merritt Drilling.

Special Warrant No. 1

Special Warrant No. 7

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Merritt Files
No. 6

Note book belonging to W.H. White?

Sketch of Outcrops Hamilton Ck. Area.

Comparison of Geological Section at Drill Hole #1 and B.P. Litte's
(White).

Trial section by J.M. Black

Map of Merritt Area.

Map of part of Merritt Coal Basin

Plan of Coldwater Hill, W.H. White, 8/3/46

Descriptive Notes "Nicola Map-Area, B.C.," Geological Survey Paper
44-20 by W.E. Cockfield. Preliminary map 44-20A

Brief Report on Merritt Coal Basin by M.S. Hedley, November 1945.

Geological Map of the Coal Basins of Quilchena Creek, Coldwater River,
Coal Gully and Tenmile Creek, Nicola Valley, Yale Dist. B.C.
to illustrate report of R.W. Ellis, L.L.D., 1904

Map by Dawson, Nicola, B.C. 30 May, 1904.

Photostat copy of map of Merritt area.

Sections from Middlesboro maps.

Tracing of Portals of Diamond Vale Mine

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Merritt Files
No. 7

Legend of Merritt Coal Log

Copy of Log of No. 11 Hole, Diamond Vale Collieries (3)

Middlesboro Collieries Ltd. Section.

Geological Section near Diamond Vale Mines.

Copy of Log of No. 11 Hole, Diamond Vale Collieries

Manager's report to the Shareholders, Diamond Vale Coal and Iron
Mines, Ltd., March 1907.

Copy of letter from B.P. Little to The Diamond Vale Collieries,
Ltd. dated October 20, 1909.

Coal Production Merritt Coal Field to end 1944

Sketch Diamond Vale Bore Hole 2

List of maps of Merritt Coal Basin

Letter from Frank C. Green to T.J. Smith, Vancouver enclosing
a report on the Coal Property of the Diamond Vale Collieries, Ltd.

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Merritt Files
No. 8

4 copies of report on Merritt Coal Basin by M.S. Hedley,
November 1945.

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Merritt Files

No. 9

Memo from Dr. Hedley to Superintendent, November 19, 1945, requesting information re lands in vicinity of Merritt.

Memo from Superintendent of Lands to Dr. Hedley, dated November 26, 1945, enclosing a list of lands in the vicinity of Merritt, giving description and assessed owner.

Notes re lands around Merritt

Letter from Dr. Sargent to Land Registry Office, Kamloops, dated December 4, 1945 re uesting information re land in the vicinity of Merritt

Letter from Land Registry Office, Kamloops, dated December 11, 1945, giving information requested in above letter.

Letter from Dr. Sargent to Land Registry Office, Kamloops acknowledging above letter, dated January 11, 1946.

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Merritt Files
No. 10

2 copies of letter from Frank C. Green to T.J. Smith, Vancouver,
dated June 30, 1913, enclosing report on the Diamond Vale Collieries
Ltd.

3 copies of report by Alfred J. Gaul on Diamond Vale Colliery
Merritt, B.C., Preliminary remarks.

Map Coal Lands of the Diamond Vale.

Map "A-B" Section across Nicola Valley Coal Basin

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Merritt Files
No. 11

Letter from Dr. Sargent to Dr. White, dated February 15, 1946,
authorizing him to go to Merritt.

Progress Report and Log of Hole No. 1, 924' to 964'

Wire from Dr. Sargent to Dr. White, dated February 20, 1946,
asking him to phone.

Wire from Dr. White to Dr. Sargent, dated February 20, 1946,
advising that hole is to be stopped.

Letter from Dr. Sargent to Dr. White, dated February 22, 1946,
confirming telephone conversation re next hole.

Progress Report and Log of Hole 900' to 924'

Letter dated February 17, 1946 from Dr. White to Dr. Sargent,
discussing differences in Dr. Mandy's logs and his own.

Letter from Dr. Sargent to Dr. White, dated February 22, 1946,
acknowledging above and asking Dr. White to collect specimens
of the types of rock logged.

Letter from Dr. White to Dr. Sargent, dated February 24, 1946,
enclosing Progress Report, February 22 - 24, discussing possibility
of drilling two more holes.

Letter from Dr. White to Dr. Sargent, dated February 19, 1946,
re stratigraphy of the Diamond Vale section of the Merritt
Coal Basin. Enclosing comparison of geological section at
Drill Hole #1 and B.P. Little's.

Letter from Dr. White to Dr. Sargent, dated February 21, 1946,
enclosing Progress Report and log for Hole No. 1, 964' - 995'.
Re location of Hole No. 2.

Letter from Dr. Sargent to Dr. White, dated February 25, 1946,
Acknowledging receipt of February 19 and 21 letters.

Letter from Dr. Sargent to Dr. White, dated February 26, 1946,
re logging.

Letter from Dr. White to Dr. Sargent, dated March 3, 1946,
enclosing Progress Report of Hole No. 2, February 27 - March 3.

Progress Report Drill Hole No. 2 - March 4 - 6.

Letter from Dr. White to Dr. Sargent, dated March 9, 1946,
enclosing progress report March 7 to 9, re drilling of Hole #2.

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Letter from Dr. White to Dr. Sargent, dated March 11, 1946,
enclosing progress report of Hole No. 2, March 10 - 11,
and log of Hole No. 1.

Letter from Dr. White to Dr. Sargent, dated March 14, 1946,
enclosing progress report of Hole No. 2, March 12 - 14,
re experiment in drilling and location of third hole.

Wire from Dr. White to Dr. Sargent, March 14, 1946,
re Blanc's new method.

Note on telephone conversation.

Wire from Dr. Sargent to Dr. White, dated March 13, 1946,
re drilling.

Wire from Dr. White to Dr. Sargent, dated March 13, 1946,
re drilling.

Letter from Dr. Sargent to Dr. White, dated March 16, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated March 16, 1946,
geological section containing the Coldwater Hill seams.

Wire from Dr. White to Dr. Sargent, dated March 19, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated March 19, 1946,
enclosing progress report, Hole No. 2, March 15 - 19.
Re experiment in drilling.

Letter from Dr. Sargent to Dr. White, dated March 22, 1946,
re above.

Progress Report, Hole No. 2, March 20 - 24, log 150' - 243',
progress report March 25 - 27.

Wire from Dr. White to Dr. Sargent, dated March 26, 1946,
re drilling.

Letter from Dr. Sargent to Dr. White, dated March 29, 1946,
re specimens of core.

Progress report, Hole No. 2, March 27 - 29, log 244' - 306'

Progress report, Hole No. 2, April 1 - 3, log 387' - 476'

Progress report, Hole No. 2, April 3 - 6, log 478' - 632'

Progress Report, Hole No. 2, April 7 - 8, log 643' - 677'

Letter from Dr. Sargent to Dr. White, dated April 4, 1946,
re location of Hole No. 3.

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Wire from Dr. White to Dr. Sargent, dated April 5, 1946
re drilling.

Wire from Dr. White to Dr. Hedley, dated April 8, 1946,
re drilling.

Letter from Dr. Hedley to Dr. White, dated April 8, 1946,
re location of next hole.

Progress report, drill hole No. 2, April 8 - 10, log 679' - 761'

Letter from Dr. Hedley to Dr. White, dated April 12, 1946,
re location of 3rd hole.

Letter from Dr. White to Dr. Hedley, dated April 12, 1946,
re location of next holes.

Progress report, Drill Hole No. 2, April 10 - 12, log, 772' - 831'

Wire from Dr. Hedley to Dr. White, dated April 15, 1946,
re drilling.

Letter from Dr. Hedley to Dr. White, dated April 16, 1946,
re drilling.

Progress report, Drill Hole No. 2, April 15 - 17, log, 894' - 944'

Letter from Dr. White to Dr. Sargent, dated April 18, 1946,
re next hole.

Letter from Dr. Sargent to Dr. White, dated April 23, 1946,
acknowledging above letter.

Letter from Dr. White to Dr. Sargent, dated April 24, 1946,
re drilling of new hole.

Letter from Dr. White to Dr. Sargent, dated April 15, 1946,
re Hole No. 2. Enclosing sketch of outcrops on Hamilton
Creek, Progress report, Drill Hole No. 2, April 12 - 15,
log 834' - 893'.

Letter from Dr. Hedley to Dr. White, dated April 17, 1946,
re drilling.

Letter from Dr. Sargent to Dr. White, dated April 20, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated April 25, 1946,
re drilling.

Wire from Dr. Sargent to Dr. White, dated April 27, 1946, requesting
Northwest mss.

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Wire from Mr. MacDonald to Dr. J.J. Gillis, dated April 29, 1946, re information about another drill hole.

Wire from Dr. Gillis to Mr. MacDonald, dated April 29, 1946, giving information about other drill hole.

Wire from Dr. White to Dr. Walker, dated April 29, 1946, advising him that he has given information to Dr. Sargent.

Wire from Dr. Gillis to Mr. MacDonald, dated April 30, 1946, re information about other drill hole.

Letter from Dr. Sargent to Dr. White, dated April 30, 1946, acknowledging letters of the 24th and 25th.

Letter from Dr. White to Dr. Sargent, dated April 30, 1946, re Hole No. 3. Enclosing copy of a letter from Jas. A. Irvine, to Geo. A. Bogy, dated May 14, 1906, letter from G. Hoffman to Charles H. Keefer, dated June 12, 1906, letter from C.H. Keefer to R.W. Ellis, dated June 30, 1906, copy of log of bore hole No. 1 Indian Reserve, dated April 25, 1906.

Letter from Dr. Sargent to Dr. White, dated May 4, 1946, requesting that he get in touch with Dr. Gillis and G. Murray and ask them to propose the location for next hole.

Letter from Dr. White to Dr. Sargent, dated May 4, 1946, re Emory Creek camp.

Letter from Dr. White to Dr. Sargent, dated May 4, 1946, re Hole No. 3. Enclosing progress report, Drill Hole No. 3, May 2 - 4, log 95' - 202'.

Letter from Dr. White to Dr. Sargent, dated May 2, 1946, re drilling. Enclosing progress report, Hole No. 3, April 29 - May 2, log 7' - 90'

Letter from Dr. Sargent to Dr. White, dated May 6, 1946, re drilling.

Wire from Dr. Sargent to Dr. White, dated May 6, 1946, requesting specimens of core.

Letter from Mr. Newmarch to Dr. White, dated May 7, 1946, requesting Dr. White to reserve a room at the hotel.

Log of Hole No. 3 357' - 459'.

Progress report, Drill Hole No. 3, May 8 - 10.

Progress report, Drill Hole No. 3, May 6 - 8

Log, Hole No. 3, 320' - 355'.

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Letter from Dr. White to Dr. Sargent, dated May 8, 1946,
re casing.

Wire from Dr. White to Dr. Sargent, dated May 10, 1946, re casing.

Letter from Dr. Sargent to Dr. White, dated May 10, 1946,
enclosing accounts from Boyles Bros. to be approved.

Drawing.

Merritt Files
No. 12

Letter from Dr. Sargent to Dr. Black, dated June 14, 1946,
re drilling.

Progress report, Drill Hole No. 3, June 17 - 18.

Log of Hole No. 3, 1175' - 1270'.

Progress report, Hole No. 4, June 19 - 24

Progress report, Hole No. 4, June 26 - 28

Log of Hole No. 4, 286' - 385'

Letter from Dr. Black to Dr. Sargent, dated June 23, 1946,
re drilling.

Letter from Dr. Sargent to Dr. Black, dated June 23, 1946,
re drilling.

Log, Hole No. 4, 186' - 286'

Progress report, June 24 - 26, Hole No. 4.

Wire from Dr. Black to Dr. Sargent, dated June 28, 1946, re drilling.

Letter from Dr. Black to Dr. Sargent, dated June 29, 1946, re
drilling.

Wire from Dr. Black to Dr. Sargent, dated June 29, 1946, re-
commending that hole be continued to 600'.

Letter from Dr. Sargent to Dr. Black re storing of core, dated
July 2, 1946.

Letter from Dr. Sargent to Dr. Black, dated July 2, 1946, re
abandonment of Hole No. 3.

Progress report, Hole No. 4, June 28 - July 2.

Log, Hole No. 4, 385' - 491'.

Letter from Dr. Black to Dr. Sargent, dated July 2, 1946, re
logging of holes.

Wire from Dr. Black to Dr. Sargent, dated July 4, 1946, advising
the hole has reached 570.

Letter from Dr. Sargent to Dr. Black, dated July 4, 1946, re
storing core.

Wire from Dr. Sargent to Dr. Black, dated July 4, 1946, advising
him to terminate drilling at about 580.

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Wire from Dr. Sargent to Dr. Black, dated July 4, 1946, re core.

Progress report, Hole No. 4, July 2 - 4.

Log, Hole No. 4, 491' - 572'

Letter from Dr. Black to Dr. Sargent, dated July 4, 1946, enclosing TDI form.

Letter from Dr. Black to Dr. Sargent, dated July 6, 1946, re incident with Mr. Murray.

Wire from Dr. Black to Dr. Sargent, dated July 8, 1946, re removal of casing.

Wire from Dr. Sargent to Dr. Black, dated July 8, 1946, asking him to phone.

Letter from Dr. Sargent to Dr. Black, dated July 9, 1946, re letter of July 6.

Wire from Dr. Sargent to Dr. Black, dated July 10, 1946, re casing situation.

Wire from Dr. Sargent to Dr. Black, dated July 12, 1946, re abandonment of Hole No. 3.

Memo from Dr. Walker to Dr. Sargent, dated July 16, 1946, re storing of core.

Letter from Dr. Sargent to Dr. Black, dated July 16, 1946, re storing of core.

Letter from Dr. Sargent to Dr. Black, dated July 17, 1946, re drilling of new hole.

Letter from Dr. Sargent to Dr. Black, dated July 17, 1946, re new hole.

Letter from Dr. Black to Dr. Sargent, dated July 20, 1946, re Hole No. 5.

Letter from Dr. Sargent to Dr. Black, dated July 22, 1946, enclosing an account to be certified.

Progress report, Hole No. 5, July 23 - 25

Letter from Dr. Black to Dr. Sargent, dated July 25, 1946, re removal of casing.

Progress report, Hole No. 5, July 17 - 23.

Letter from Dr. Black to Dr. Sargent, dated July 23, 1946, re drilling of Hole No. 5.

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Letter from Dr. Sargent to Dr. Black, dated July 26, 1946,
re termination of drilling.

Log, Hole No. 5, 173' - 310'

Wire from Dr. Black to Dr. Sargent, dated July 27, 1946, progress
of drilling.

Progress report, Hole No. 5, July 25 - 27.

Log, Hole No. 5, 310' - 443'.

Letter from Dr. Black to Dr. Sargent, dated July 27, 1946, re
drilling.

Progress report, Hole No. 5, July 27-29.

Log, Hole No. 5, 451' - 520'

Letter from Dr. Black to Dr. Sargent, dated July 29, 1946, re
drilling.

Wire from Dr. Black to Dr. Sargent, dated July 29, 1946, re drilling.

Wire from Dr. Black to Dr. Sargent, dated July 29, 1946, re drilling.

Progress report, Hole No. 5, July 29 - 30

Log, Hole No. 5, 530' - 555'.

Sketch of outcrops Hamilton Ck. Area.

Wire from Dr. Black to Dr. Sargent, dated August 6, 1946, re drilling.

Memo from Dr. Sargent to Dr. Walker, dated August 6, 1946,
re hole No. 6.

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Merritt Files
No. 13

Letter from Dr. Sargent to Mr. Newmarch, dated May 10, 1946,
instructions.

Progress report, Hole No. 3, May 11 - 13.

Letter from Mr. Newmarch to Dr. Sargent, dated May 14, 1946
re drilling.

Progress report, Hole No. 3, May 14 - 15.

Log, Hole No. 3 459' - 549'.

Progress report, Hole No. 3, May 16 - 17.

Log, Hole No. 3, 550' - 671'

Progress report, Hole No. 3, May 18 - 20

Log, Hole No. 3, 676' - 800'

Progress report, Hole No. 3, May 21 - 25

Progress report, Hole No. 3, May 26 - 27

Wire from Mr. Newmarch to Dr. Sargent, dated May 27, 1946,
re drilling.

Wire from Dr. Sargent to Mr. Newmarch, dated May 27, 1946,
advising that Dr. Hedley will arrive Thursday.

Copy of memo from Dr. Sargent to Dr. Hedley, Dr. White and Mr.
Newmarch, dated May 27, 1946, advising them a summary of
information is to be prepared by the officers of the De-
partment who had anything to do with the Merritt drilling.

Wire from Dr. Sargent to Mr. Newmarch, dated May 28, 1946,
advising that hole is to be continued.

Log, Hole No. 3, 810' - 861'.

Progress report, Hole No. 3, May 28 - 29.

Log, Hole No. 3, 863' - 946'

Progress report, Hole No. 3, May 30 - 31

Letter from Mr. Newmarch to Dr. Sargent, dated May 31, 1946,
re location of next hole.

Progress report, Hole No. 3, June 1 - 2

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Progress report, Hole No. 3, June 3 - 4

Progress report, Hole No. 3, June 5 - 9

Log, Hole No. 3, 946' - 1024'

Wire from Mr. Newmarch to Dr. Sargent, dated June 8, 1946,
advising that rods arrived.

Letter from Mr. Newmarch to Dr. Sargent, dated June 12, 1946,
re drilling.

Letter from Dr. Sargent to Mr. Newmarch, dated June 15, 1946,
re arrival of Dr. Black.

Sketch.

Letter from Dr. Sargent to Mr. Newmarch, dated June 8, 1946,
re costs of drilling.

Letter from Dr. Sargent to Mr. Newmarch, dated June 12, 1946.
re Hole No. 3.

Progress report, Hole No. 3, June 10 - 12

Progress report, Hole No. 3, June 13 - 16.

Log, Hole No. 3, 1030' - 1093'.

Log, Hole No. 3, 1099' - 1175'

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Merritt Files
No. 14

Letter from Dr. Hedley to Dr. Mandy, dated December 6, 1945,
re Hole No. 1.

Letter from Dr. Sargent to Dr. Mandy, dated January 11, 1946,
requesting reports twice a week on drilling progress.

Progress report, Jan. 7 - 12.

Letter from Dr. Hedley to Dr. Mandy, dated December 15, 1945,
summary of essential points of the contract with Boyles Bros.

Progress report, Jan. 14 - 15.

Log, 105' - 151', Hole No. 1

Progress report, Jan. 15 - 16

Log, Hole No. 1, 154' - 241'

Wire from Dr. Sargent to Dr. Mandy, dated January 19, 1946,
re drilling.

Progress report, January 17 - 19.

Log, Hole No. 1, 251' - 396'

Letter from Dr. Sargent to Dr. Mandy, dated January 21, 1946,
re drilling.

Letter from Dr. Sargent, to Dr. Mandy, dated January 22, 1946,
re drilling.

Wire from Dr. Mandy to Dr. Sargent, dated January 22, 1946,
re progress of drilling.

Progress report, January 19 - 22

Log, Hole No. 1, 396' - 508'

Letter from Dr. Mandy to Dr. Sargent, dated January 17, 1946,
re renting a car.

Progress report, January 22 - 23.

Log, Hole No. 1, 508' - 585'

Wire from Dr. Mandy to Dr. Walker, dated January 24, 1946,
re progress of drilling.

Wire from Dr. Mandy to Dr. Walker, dated January 31, 1946,
advising that he is returning to Merritt.

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Wire from Dr. Sargent to Dr. Mandy, dated January 31, 1946,
advising that he is going to Merritt.

Letter from ~~from~~ Dr. Mandy to Dr. Sargent, dated February 2, 1946,
re drilling.

Letter from Dr. Sargent to Dr. Mandy, dated February 5, 1946,
re trip to Vancouver.

Progress report, January 24 - February 6.

Log, Hole No. 1, 594' - 643'

Progress report, February 6 - 8

Log, Hole No. 1, 646' - 698'

Letter from Dr. Sargent to Dr. Mandy, dated February 12, 1946,
re trip to Vancouver.

Progress report, February 9, - 12

Log, Hole No. 1, 708' - 801'

Letter from Dr. Sargent to Boyles Bros., Merritt, dated
February 14, 1946, advising that Dr. White is replacing Dr. Mandy.

Letter from Dr. Sargent to Boyles Bros., Vancouver, dated
February 14, 1946, advising that Dr. White is replacing Dr. Mandy.

Letter from Dr. Sargent to Dr. Mandy, dated February 14, advising
that Dr. White is replacing him.

Wire from Dr. Sargent to Dr. Mandy, dated February 14, advising
that Dr. White is replacing him.

Progress report, February 12 - 16.

Log, Hole No. 1, 811' - 900'.

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Merritt Files
No. 15

- Copy of letter from J.A. Irvine to G.A. Bogy, dated May 14, 1906.
- Copy of letter from C. Hoffman to C.H. Keefer, dated June 12, 1906.
- Copy of letter from C.H. Keefer to E.W. Ells, dated June 30, 1906.
- Letter from Dr. Hedley to Dr. Mandy, dated December 15, 1945,
summary of the essential points of the contract between the
Government and Boyles Bros.
- Letter from Dr. Sargent to Dr. Mandy, dated January 11, 1946,
requesting reports of progress twice a week.
- Coal Basin notes after Frank C. Green.
- Invoice from Boyles Bros., February 15, 1946.
- Letters to Dr. Mandy, Boyles Bros, Vancouver, Boyles Bros, Merritt,
advising that Dr. White is replacing Dr. Mandy, dated Feb. 14, 1946
- Letter from Dr. Sargent to Dr. White, dated February 15, 1946,
authorizing him to go to Merritt.
- Letter from Dr. White to Dr. Sargent, dated February 19, 1946,
re stratigraphy of the Diamond Vale section.
- Letter from Dr. White to Dr. Sargent, dated February 21, 1946,
re location of Hole No. 2.
- Letter from Dr. Sargent to Dr. White, dated February 22, 1946,
re drilling.
- Letter from Dr. Sargent to Dr. White, dated February 22, 1946,
re selection of specimens.
- Letter from Dr. Sargent to Dr. White, dated February 25, 1946,
re drilling.
- Letter from Dr. Sargent to Dr. White, dated February 26, 1946,
re logging.
- Letter from Dr. White to Dr. Sargent, dated February 27, 1946,
re drilling.
- Receipt for express sent C.P.R. from Merritt to Dr. Sargent.
- Letter from Dr. White to Dr. Sargent, dated February 28, 1946,
re drilling.
- Letter from Dr. Sargent to Dr. White, dated February 28, 1946,
enclosing cheques for expenses and salary.
- Boyles Bros. invoice, February 28, 1946.

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Letter from Dr. White to Dr. Sargent, dated March 3, 1946,
acknowledging letter of February 28.

Letter from Dr. Sargent to Dr. White, dated March 6, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated March 9, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated March 11, 1946,
re Hole No. 2.

Wire from Dr. Sargent to Dr. White, dated March 13, 1946,
re drilling.

Wire from Dr. White to Dr. Sargent, dated March 13, 1946,
information re drilling.

Wire from Dr. White to Dr. Sargent, dated March 14, 1946,
re new method.

Letter from Dr. White to Dr. Sargent, dated March 14, 1946,
re new method.

Letter from Dr. White to Dr. Sargent, dated March 16, 1946,
geological section containing the Coldwater Hill seams.

Letter from Dr. Sargent to Dr. White, dated March 16, 1946,
location of next hole.

Letter from Dr. White to Dr. Sargent, dated March 19, 1946,
re new method.

Wire from Dr. White to Dr. Sargent, dated March 19, 1946, re drilling.

Letter from Dr. Sargent to Dr. White, dated March 22, 1946,
re new method.

Wire from Dr. White to Dr. Sargent, dated March 20, 1946,
re drilling.

Merritt Drilling Costs

Letter from Dr. Sargent to Dr. White, dated March 29, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated March 31, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated April 1, 1946,
re drilling costs.

Letter from Dr. Sargent to Dr. White, dated April 3, 1946,
re drilling.

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Letter from Dr. Sargent to Dr. White, dated April 4, 1946,
re Hole No. 3.

Wire from Dr. White to Dr. Sargent, dated April 5, 1946, re
progress.

Wire From W.H. White to Dr. Hedley, dated April 8, 1946, re
progress.

Letter from Dr. Hedley to Dr. White, dated April 8, 1946,
re location of next hole.

Letter from Dr. White to Dr. Hedley, dated April 9, 1946,
re drilling.

Letter from Dr. White to Dr. Hedley, dated April 12, 1946,
re location of next hole.

Letter from Dr. Hedley to Dr. White, dated April 12, 1946,
re location of next hole and enclosing invoice from Boyles
Bros. March 30th 1946.

Letter from Dr. White to Dr. Hedley, dated April 15, 1946,
re drilling.

Wire from Dr. Hedley to Dr. White, dated April 15, 1946,
re drilling.

Letter from Dr. Hedley to Dr. White, dated April 16, 1946,
re drilling.

Letter from Dr. Hedley to Dr. White, dated April 17, 1946,
re next hole.

Letter from Dr. Sargent to Dr. White, dated April 18, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated April 24, 1946,
re drilling.

Letter from Dr. Sargent to Dr. White, dated April 20, 1946,
re next hole.

Letter from Dr. Sargent to Dr. White, dated April 23, 1946,
re next hole.

Letter from Dr. White to Dr. Sargent, dated April 25, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated April 28, 1946,
re Northwest manuscript.

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C.P.R. Express receipt for manuscript sent to Dr. Sargent.

Wire from Dr. Walker to Dr. White, dated April 29, 1946,
re telegram to Dr. Gillis.

Wire from Mr. MacDonald to Dr. White, dated April 29, 1946,
telegram to Dr. Gillis.

Wire from Dr. White to Dr. Walker, dated April 29, 1946,
advising that he sent the material to Dr. Sargent.

Letter from Dr. White to Dr. Sargent, dated April 30, 1946,
re location of Hole No. 3.

Letter from Dr. Sargent to Dr. White, dated April 30, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated May 2, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated May 4, 1946,
re drilling.

Wire from Dr. Sargent, to Dr. White, dated May 6, 1946, re
sending in specimens.

Letter from Dr. Sargent to Dr. White, dated May 4, 1946,
re drilling.

Letter from Dr. White to Dr. Sargent, dated May 6, 1946,
re drilling.

C.P.R. Express receipt for rocks sent to Dr. Sargent.

Letter from Dr. Sargent to Dr. White, dated May 6, 1946,
re collecting specimens.

Letter from Dr. White to Dr. Sargent, dated May 8, 1946,
re progress of drilling.

Wire from Dr. White to Dr. Sargent, dated May 10, 1946, re
progress of drilling.

Boyles Bros. invoice, April 30, 1946, No. 804

Boyles Bros. invoice, April 30, 1946, No. 732

Boyles Bros. invoice, April 30, 1946, No. GI-83

Letter from Dr. Sargent to Mr. Newmarch, dated May 28, 1946,
re employment forms etc.

Letter from Dr. Sargent to Mr. Newmarch, dated June 8, 1946,
re cost of drill rods, etc.

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Letter from Dr. Black to Dr. Sargent, dated June 26, 1946,
enclosing Civil Service application.

Wire from Dr. Black to Dr. Sargent, dated June 28, 1946,
re drilling.

Letter from Dr. Black to Dr. Sargent, dated June 28, 1946,
re drilling.

Wire from Dr. Black to Dr. Sargent, dated June 29, 1946,
re commending hole to be continued.

Letter from Dr. Black to Dr. Sargent, dated June 29, 1946,
re drilling.

Letter from Dr. Sargent to Dr. Black, dated June 27, 1946,
re drilling.

Letter from Dr. Black to Dr. Sargent, dated July 2, 1946,
re logging.

Letter from Dr. Sargent to Dr. Black, dated June 28, 1946,
re drilling.

Wire from Dr. Black to Dr. Sargent, dated July 4, 1946,
re drilling.

Letter from Dr. Black to Dr. Sargent, dated July 4, 1946,
enclosing TDI form.

Wire from Dr. Sargent to Dr. Black, dated July 4, 1946,
advising when to terminate present hole.

Letter from Dr. Sargent to Dr. Black, dated July 2, 1946,
re storing core.

Letter from Dr. Sargent to Dr. Black, dated July 2, 1946,
re drilling.

Wire from Dr. Sargent to Dr. Black, dated July 4, 1946,
re coal specimens.

Letter from Dr. Black to Dr. Sargent, dated July 6, 1946,
re incident with Mr. Murray.

Letter from Dr. Sargent to Dr. Black, dated July 4, 1946,
re storing of core.

Wire from Dr. Sargent to Dr. Black, dated July 4, 1946,
re specimens of typical core.

Wire from Dr. Black to Dr. Sargent, dated ----, re casing.

C.P.R. Express receipt for rock samples sent to Dr. Sargent.

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Wire from Dr. Sargent to Dr. Black, dated July 10, 1946,
re casing situation.

Wire from Dr. Sargent to Dr. Black, dated July 8, 1946,
requesting him to phone.

Wire from Dr. Black to Dr. Sargent, re drilling.

Wire from Dr. Sargent to Dr. Black, dated July 12, 1946,
advising abandonment of hole No. 3.

Letter from Dr. Sargent to Dr. Black, dated July 16, 1946,
re storing of core.

Letter from Dr. Sargent to Dr. Black, dated July 17, 1946,
re further expenditure for another hole.

Letter from Dr. Sargent to Boyles Bros., dated July 17, 1946,
re new hole.

Letter from Dr. Black to Dr. Sargent, dated July 20, 1946,
re drilling.

Letter from Dr. Black to Dr. Sargent, dated July 23, 1946,
re drilling.

Letter from Dr. Sargent to Dr. Black, dated July 22, 1946,
re certification of voucher.

Letter from Dr. Black to Dr. Sargent, dated July 25, 1946,
re drilling.

Letter from Dr. Black to Dr. Sargent, dated July 27, 1946,
re drilling.

Wire from Dr. Black to Dr. Sargent, re drilling.

Wire from Dr. Black to Dr. Sargent, dated July 29, 1946, re drilling

Letter from Dr. Black to Dr. Sargent, dated July 29, 1946,
re drilling.

Letter from Dr. Sargent to Dr. Black, dated July 26, 1946,
re winding up program.

Wire from Dr. Black to Dr. Sargent, dated July 29, 1946,
re drilling.

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Merritt Files
No. 16

Carbon copies made at Merritt of original logs Holes 1 - 5, 1946,
also Hole No. 6, 1946
Hole No. 11 Diamond Vale
Indian Reserve Hole
Blair Shaft
Middlesboro No. 1 Hole.

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Merritt Files
No. 17

Progress Notes, 1946 drilling.

Carbon copies of Progress Notes typed in Merritt

Copies of Dr. Mandy's Progress Notes copies from originals in
Victoria.

Merritt, B.C.

Log of D.D.H. #6. Drilled August 1946.


Located approx. 680' N 42° 30' E (True) from Hole #4
Elevation approx. 1985'

Core examined October 4, 1946.

Overburden	Core	Missing	Depth
		210' 6"	
Shale, sandy	2' 6"		213'
Shale and sandstone	2'		215'
Sandstone, grey, fine grained few shaly beds	4' 6"		219' 6"
Shale, sandy, grey	5' 6"		225'
Sandstone, light, fine grained Dip 15-20°	9'		234'
Shale, grey, sandy	4'		238'
Sandstone, light, fine grained, massive	5' 9"		243' 9"
Sandstone and shale, interbedded Dip 5-10°	5' 3"		249'
Sandstone, massive, few shaly beds 254-255 grading to very coarse at base	7'		256'
Shale, grey sandy with sandy interbeds	4'		260'
Shale, dark, few sandy beds	10'		270'
Coal	6"		270' 6"
Shale sandy	1' 6"		272'
Sandstone, grey, massive, few shaly beds	3'		275'
Sandstone, grading down to shale	5'		280'
Sandstone, fine at top grading down to coarse and massive at base	9'		289'
Conglomerate	1'		290'
Sandstone, light, massive, medium to coarse with conglomerate beds	24'		314'
Shale, dark, some sandy beds, abundant coal partings at 325'	12'		326'
Shale, with many sandy interbeds	5'		331'
Coaly partings	6"		331' 6"
Sandstone, grey thin bedded, fine grained Dips 5-10°	2' 6"		334'
Coal partings	1'		335'
Shale, grey, sandy	2'		337'
Shale, broken and slickensided, some coal partings	6'		343'
Shale, dark with coal partings	8'		351'
Shale grey and getting very sandy at base	5'		356'
Shale, grey	2'		358'
Shale, dark, with coal partings.	1' 3"		359' 3"
Sandstone, light, medium grained, few coal streaks	7' 9"		367'

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		367'
Conglomerate, light, mostly fine grain, some medium fairly coarse at 370-71, 375-76, 404-05	68'	435'
Sandstone, light medium grain, few coal partings	10' 9"	445' 9"
Sandstone, light, fine grain	1' 3"	447'
Shale, dark few coal partings	1' 6"	448' 6"
Coal and shale	1' 6"	450'
Shale, dark, broken	2' 1' 6"	452'
Shale, grey with coal partings	1' 6"	453'
Coal, 4" bone in 2 seams	2'	455'
Shale with 4" coal	1'	456'
Coal with 7" bone in 6 seams	3'	459'
Coal with 9" bone in 7 seams Dip 10°	2' 6"	461' 6"
Shale with abundant coal partings	3' 6"	465'
Shale, grey	4'	469'


J.M. Black
Asst. Mining Engineer.

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Log of ten unmarked boxes of 2" diamond drill
 core found stored in drillers' cabin near
 Diamond Vale Colliery, Merritt, B. C. on
 September 4th, 1946.

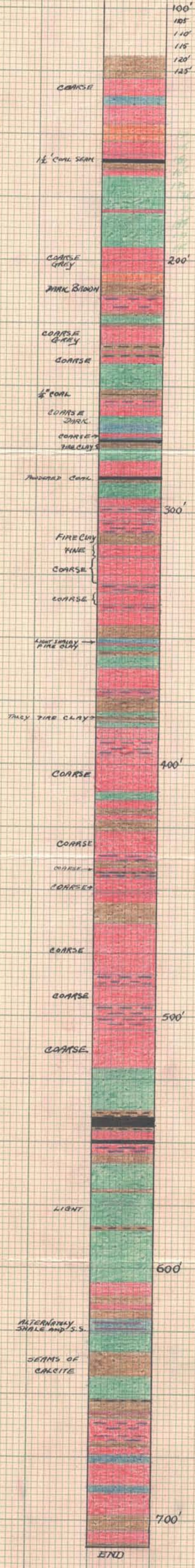
<u>Material.</u>	<u>Thickness.</u>		<u>Depth.</u>	
	Ft.	Ins.	Ft.	Ins.
			210	6.
Gray shale.....	5	0.	215	6.
Course white sandstone.....	4	0.	219	6.
Gray shale.....	5	9.	225	3.
Fine white sandstone.....	3	9.	234	0.
Dark gray shale.....	2	6.	236	6.
Interbedded shale and sandstone.....	13	6.	250	0.
Course white sandstone.....	6	0.	256	0.
Dark gray shale.....	1 ¹ / ₂	0.	270	0.
Coal.....		4.	270	4.
Gray shale.....	1	8.	272	0.
Interbedded shale and sandstone.....	3	0.	275	0.
Dark shale.....	5	0.	280	0.
Dark and light gray shale.....	1	0.	281	0.
Course sandstone and fine conglomerate..	34	0.	315	0.
Dark gray shale.....	11	0.	326	0.
Interbedded light and dark gray shale..	11	0.	337	0.
Black shale.....	3	0.	340	0.
Black shale intermixed with dirty coal..	2	3.	342	3.
Black shale with fine coal streaks.....	6	9.	347	0.
Gray shale.....	1	0.	348	0.
Dark shale.....	8	0.	356	0.
Gray shale.....	2	0.	358	0.
Dark shale.....	1	6.	359	6.
Course white sandstone.....	4	6.	404	0.
Fine to medium, white conglomerate.....	32	0.	436	0.
Course to medium grain sandstone.....	12	9.	448	0.
Coal.....	1	3.	450	0.
Gray and black shale.....	2	4.	452	4.
Coal.....		10.	453	2.
"Bone".....		3.	453	5.
Coal.....	1	0.	454	5.
"Bone" and dirty coal.....	1	6.	455	11.
Coal.....	2	2.	458	1.
"Bone".....		2.	458	3.
Coal.....		9.	459	0.
Coaly shale.....	5	3.	464	0.
Dark shale.....	5	0.	469	0.
Mark in core box.....	FINIS.....			

COAL SEAM

"No. 6 Hole 2.3.4."

161

BORE HOLE NO. 1
INDIAN RESERVE



16102

El. 1819

BEDROCK

200

#2 HOLE (GOUT)

14°

FEW SHALEY STREAKS
CONGLOMERATE
BLACK-FISSILE
CONGLOMERATE
COALY TWIGGS.
FINE
BLACK-COAL MARKS.
COARSE-FRIBLE
FINE
COARSE-FRIBLE
GREY SANDY SHALE

22°

14°

19°

(CONTAINS 2-1" COAL SEAMS)
SCATTERED COALY MATERIAL

COAL MARKINGS.
FINE
BLACK-FISSILE
MICACEOUS.

300

MEDIUM-COARSE
BLACK.

FINE
WITH SHALE PARTINGS.

18°

5" S.S. COARSE

MEDIUM-COARSE
MASSIVE

8°

400

WITH GOUGE FILLED
FAULT PLANES.
ABRUPT FAULTED CONTACT

FINE
THIN BEDDED WITH SHALE
PARTINGS

10°

SANDY

8°

ALTERNATE 6" LAYERS OF
SS. & SHALE

ABRUPT CONTACT

5°

9°

FISSILE
SHALEY
COARSE
BLACK-FISSILE-LEAF IMPRESSIONS

10°

VERY COARSE
FINE CONGLOMERATE

FINE-FRIBLE
FEW COAL STREAKS
AND SHALEY BANDS.

10°

COARSE
FEW COAL STREAKS.

FINE
COARSE TO VERY COARSE
HAS FEW CONGLOMERATE BEDS.

EVERY COARSE
FINE
VERY COARSE

FINE-MEDIUM.
COARSE
MEDIUM.
COARSE
FEW LARGE ROBBLES.

MEDIUM-COARSE

700

3°

COAL-2"
HAS 1/4" COAL SEAM.

COARSE-VERY COARSE

FINE
COAL STREAKS

variable
20°

ALMOST WHITE
FINE
CONTAINS THIN DARK
BEDDING PLANES.
DARK-SHALEY.

800

FINELY SHEARED
MANY CARBONATE SPRINGERS.

(DARK GREY-BLACK)
CARBONATE SEAMS.)
MEDIUM.

23°

FINELY BRUSHED
WITH BRANES IN
FAULT ZONE.

FINE
CALCITE SPRINGERS.

35°

SHEARED
SHEARED

15°

SHALEY STREAKS
CARBONATE
SPRINGERS

45°

CONGLOMERATE
SHALE (COAL) STREAKS

GREEN-
STONE

END

16(03)

35

ELEVATION 1894' BEDROCK 100

#1 HOLE
(Gout)

0°

34°
42°

30°
16°
12°
10°

200

300

15°

14°
14°
16°

400

500

POSSIBLE
FAULT

17°

600

700

8°

High Angle
Cross-
Bedding

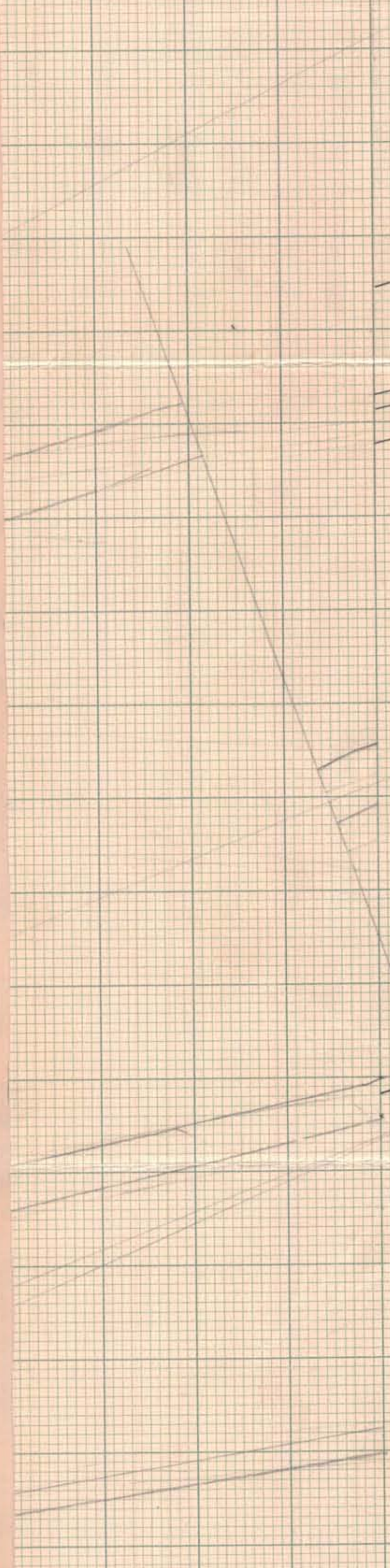
800

900

45°
35°
32°
31°
30°
27°

GREENSTONE

END

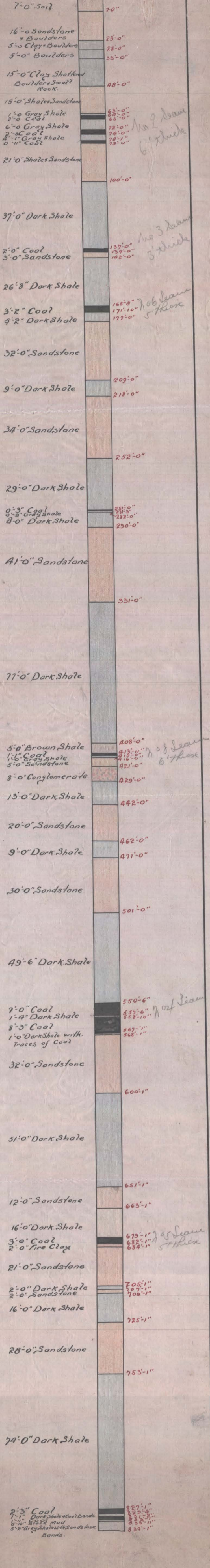


16104

No. 1 DIAMOND BOREHOLE

Drilled at Angle of 50° from Vertical

Scale 30' = 1"



No. 1 Mines Dept, MERRITT

Dr. 125 to Feb/46
Logged by Dr. White
Drain by W.S. Lynett 25 Mar/46

100 From Gallari

102 To Bedrock

16105

10

20

30

40

50

60

70

Fractured

80

90

200

Dip 25°

10

Dip 15°

10

Fractured

10

20

30

40

50

6"

Much fractured

60

Dip 14°

70

80

Fractured

45°

90

300

Fr.

10

Fr.

20

Dark gray

20

30

40

Fractile

50

50

60

14"

70

80

90

400

10

20

30

40

50

60

3 3/8"

1' 10 7/8"

5' 10"

3" x 2 1/2"

80

10"

16"

0"

500

6"

Fr = SA

20

30

40

50

4' 10"

4' 6"

60

70

80

90

600

10

20

30

40

4' 0"

10"

Fr

40

Fr str.

20

?

40

Fr.

30

10

700

10

20

30

Fr.

30

40

50

60

70

80

90

800

10

20

30

40

50

X-bedded

60

and soft black mud

6"

70

80

90

X-bedded

Fr.

900

Soft, sheared, partings

carbonate stringers

Sharp irregular contact

X-bedding dips 20°

Abrupt contact

Wavy bedding

Dip 45°

Wavy bedding

And Dip 45°

Fr

Sharp irreg. contact, dip 35°

Scattered grains sulfide

Dip 20°

Dip 20° - carbonate seam

90

Fr

and or gauge with seam

Braccia in sand cement

and or gauge seam. Fine braccia = SA

Hard or gauge seam

Dip 20° - fractured. Sheared contact dips 95°

Braccia

Soft, muddy

Soft friable braccia

Mud cement, large vol. frag.

Felsite

Gr. S.

Bracc.

indurated

Filled

Porph.

TREN MADE

200

12° dip

10

20

8-10° dip

30

40

250

60

70

22° dip

80

14° dip

18° dip

19° dip

90

300

5-20° dip

10

14° dip

20

30

40

350

60

70

8° dip

80

15° dip

90

fault

tail mark

400

broken

10

5° dip

20

30

broken

40

10° dip

50

60

X fault

70

Dip 3°

80

90

500

10

5° Dip

20

X fault

30

finely sheared in part

40

40

10° Dip

50

550

60

70

Coal streak

0 to 10° dip

80

90

600

10° Dip

10

20

fringe

30

40

50

60

70

80

90

700

10

3° dip

20

stair dip

30

40

10°

50

35° dips

60

37° dip

70

0-20° dip

80

dip at base

90

hard

800

broken

10

20

30

40

23° dip

50

Crushed quartz

58° dip

60

Crushed

70

10° dip

80

15° dip

90

Crushed 45° dip

sheared

Baryte sheared

90

900

31° dip

10

sheared

20

32° dip

30

Tuff

40

Basalt

50

Basalt

60

Basalt

70

Basalt

80

Basalt

90

Basalt

100

Basalt

110

Basalt

120

Basalt

130

Basalt

140

Basalt

150

Basalt

160

Basalt

170

Basalt

180

Basalt

190

Basalt

200

Basalt

210

Basalt

220

Basalt

230

Basalt

240

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250

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290

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Basalt

320

Basalt

330

Basalt

340

Basalt

350

Basalt

360

Basalt

370

Basalt

380

Basalt

390

Basalt

400

Basalt

410

Basalt

420

Basalt

430

Basalt

440

Basalt

450

Basalt

460

Basalt

470

Basalt

480

Basalt

490

Basalt

500

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Basalt

650

Basalt

660

Basalt

670

Basalt

680

Basalt

690

Basalt

700

Basalt

710

Basalt

720

Basalt

730

Basalt

740

Basalt

750

Basalt

760

Basalt

770

Basalt

780

Basalt

790

Basalt

800

Basalt

810

Basalt

820

Basalt

830

Basalt

840

Basalt

850

Basalt

860

Basalt

870

Basalt

880

Basalt

890

Basalt

900

Basalt

910

Basalt

920

Basalt

930

Basalt

940

Basalt

950

Basalt

960

Basalt

970

Basalt

980

Basalt

990

Basalt

1000

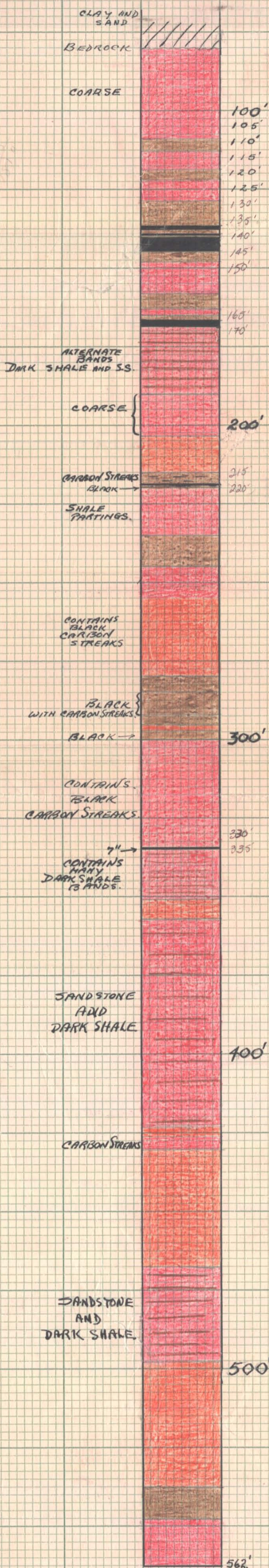
Basalt

1010

Basalt

NICOLA VALLEY No. 2 BORE HOLE 1893

16107



SECTION of N°3 BORE HOLE
ON BLAIR FLAT
scale 1"-30'

161 (09)

167' Clay

4' Boulders

24' Clay with Rocks

17' Hard Pan Clay & Rocks

15' Clay & Boulders

2' Boulders

13' Clay & Boulders
3'-10" Boulder, Clay & Gravel
5'-06" Sandstone
4'-02" Sticky Shale.

27' Shale & Sandstone

8' Sticky Shale

19' Sandstone

21' Dark Sticky Shale.

25' Sticky Shale

19' Dark Shale

8' Sticky Shale

11'-11" Coal
1'-00" Black Shale
3'-00" Mud
7'-10" Coal
1'-00" Mud
2'-00" Fire Clay
3'-00" Shaly Sandstone
3'-11" Mud Seam
3'-03" Coal
1'-00" Shale
2'-03" Mud Seam
3'-04" Shale
2'-00" Shaly Sandstone

17' Hard Sandy Shale

22' Sandstone

2' Mud & Traces of Coal

59' Sandstone

5' Shale

8' Shale

7' Coal

1' Broken Shale

10' Sandstone

3' Broken Shale

5' Black Mud.



167'
171'
195'
212'
227'
229'
242'
245'-10"
251'-04"
255'-06"
202'-06"
290'-06"
309'-06"
330'-06"
355'-06"
374'-06"
382'-06"
394'-05"
395'
398'
406'-00"
409'-00"
413'-00"
416'-00"
417'-00"
419'-00"
423'-00"
425'-00"
442'
464'
466'
520'
525'
533'
540'
541'
551'
554'
559'

Merri Coal No. 3

No. 3 161(10a)

SURFACE

100
90
80
70
60
50
40
30
20
10

Decomposed sandy shale?

15-22° dip
clay

+12° dip

12° dip
1" coal

soft, muddy
9° dip

12° dip

16° dip

12° dip

6" mudstone

15° dip

0-5° dip

7° dip

23° dip
3" coal
6° dip

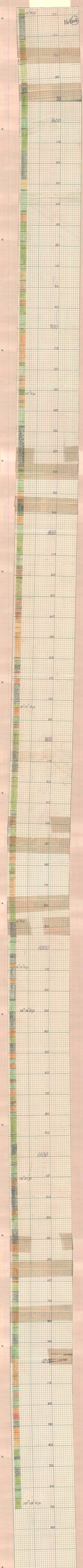
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200

300

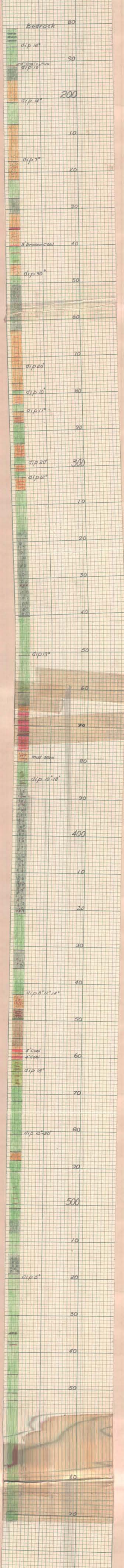
400

500



Merritt Coal Log

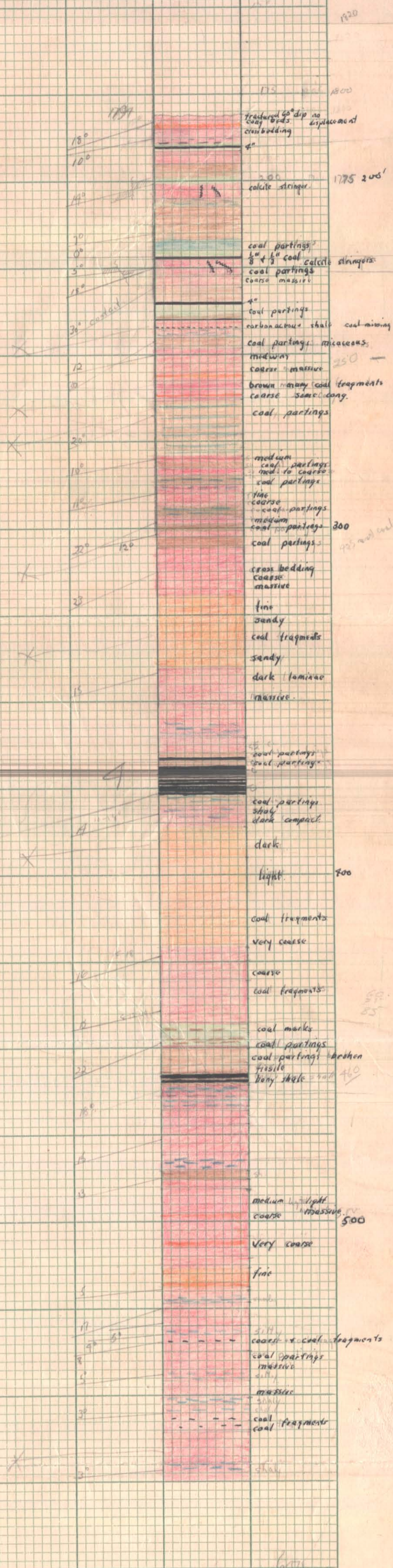
64 #4 161(11) BRITIS



#9 Hole

Govt

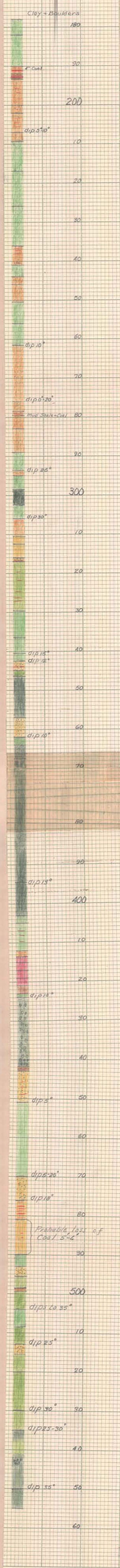
161(12)



Meritt Coal Log

No 5

161(13)

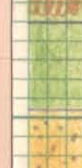


Merritt Coal Log 38

6

161 (14)

Overburden 210



20

30

dip 15-20°

40

dip 5-10°

50

60

70

80

300

10

20

30

dip 5-10°

40

50

60

70

80

400

10

20

30

40

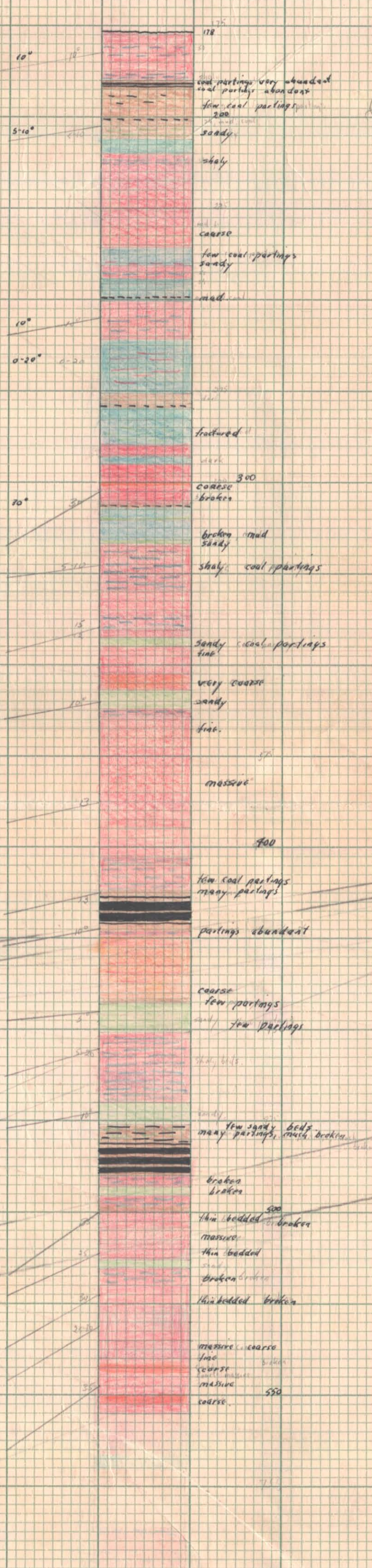
50

Total of 16" Shale in this section

60

dip 10°

70



#6 Hole Market

Drilled Aug 76
Core examined Oct 76

161(16)

overburden

200

dips 15°
20°

fine

medium

5-10°

250

fine

coarse massive

300

coarse massive

dark

coal partings

coal partings

coal partings

coal partings broken

coal partings

few coal streaks

coarse

coarse

400

coarse

abundant coal partings

coal partings

2' bed in 3' con

2' bed in 7' con

- Conglom  Olive Green
- Coarse SS  Olive Green
- Med SS  Apple Green
- Fine SS  Field Green
- Light Shale  Chrome Yellow
- Dark Shale  Golden Ochre
- Black Shale  Ochre
- Coal  Red
- Greenstone  Blue
- Sandy Shale  Chrome Yellow
- Sandy Shale  Golden Ochre
- Coal Markings 

MERRITT, B.C.
DIAMOND VALE B.H. No. 11

Logged by:
DRAWN BY: W.J. LINTT
27 MAR 1946.

40

161 (17)

96" Bedrock
100 from collar

10

20

28

30

40

50

60

70

Dip 20°

80

90

Dip 47° 200

10

20

30

Dip 38°

40

50

60

Dip 22°

70

80

Dip 14°

90

300

119"

10

20

Dip 15°

30

40

50

60

70

80

Dip 20° 500

10

20

30

11 9/16"

3 1/2" bony

2 1/4"

2 3/4" bony

9"

6 1/2"

1.6"

7"

7"

7"

7"

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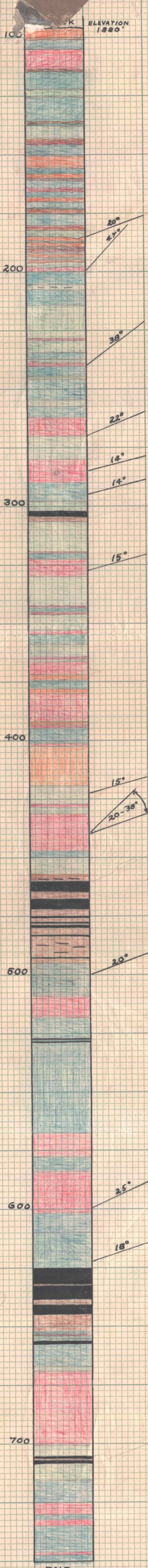
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WELL ELEVATION 1880'

38

161(18)

11 HOLE



END