

K-FORDINE RIVER 811A

326  
(17)

# OPEN FILE

FORDING RIVER OPERATIONS

SUMMARY REPORT

1981 EXPLORATION AND DEVELOPMENT PROGRAM

ON

B.C. COAL LEASES #1 AND #2

AND

COAL LICENCES 340, 342, 343,  
348, 358 & 511

**CONFIDENTIAL**

MINING DISTRICT: Fort Steele  
 LAND DISTRICT: Kootenay  
 N.T.S. LOCATION: 82J2W  
 LATITUDE: 50° 10'  
 LONGITUDE: 114° 52'  
 OWNER: Fording Coal Limited  
 Fording River Operations  
 Box 100  
 Elkford, B.C.  
 V0B 1H0

OPERATOR: Fording River Operations  
 Box 100  
 Elkford, B.C.  
 V0B 1H0

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 Exploration Geologist

DATE OF THE WORK DONE: January to November, 1981

DATE REPORT SUBMITTED: November 18, 1982

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
 00 326

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NOTE: None of the exploratory drillholes completed in 1981 intersected a coal seam which may be worked by underground methods, therefore, none of the drillholes required cementing.

DRILL HOLE SUMMARYR (ROTARY)  
D (DIAMOND)

| HOLE NUMBER | LICENCE OR LEASE | TYPE OF HOLE |
|-------------|------------------|--------------|
| 288         | Lease 1          | R            |
| 287         | Lease 1          | R            |
| 1300        | 511              | R            |
| 1320        | 340              | R            |
| 1322        | 340              | R            |
| 1323        | 340              | R            |
| 1324        | 340              | R            |
| 1325        | Lease 1          | R            |
| 1327        | Lease 1          | R            |
| 1328        | Lease 1          | R            |
| 1329        | 340              | R            |
| 1381        | 340              | R            |
| 1384        | 340              | R            |
| 1385        | 340              | R            |
| 1386        | 340              | R            |
| 1387        | 340              | R            |
| 1388        | 340              | R            |
| 1585A       | Lease 1          | R            |
| 1587        | Lease 1          | R            |
| 1588        | 342              | R            |
| 1591        | Lease 2          | R            |
| 1592        | 343              | R            |
| 1645        | Lease 2          | R            |
| 1646        | Lease 2          | R            |
| 1648        | Lease 2          | R            |
| 1750        | Lease 2          | D            |
| 1751        | Lease 1          | D            |
| 1752        | Lease 2          | D            |
| 1753        | Lease 1          | D            |
| 1754        | Lease 1          | D            |
| 1755        | Lease 2          | D            |
| 1756        | Lease 2          | D            |
| 1757        | Lease 2          | D            |

| HOLE NUMBER | LICENCE OR LEASE | TYPE OF HOLE |
|-------------|------------------|--------------|
| 1758        | Lease 2          | D            |
| 1759        | 348              | D            |
| 1760        | 348              | R            |
| 1761        | 348              | R            |
| 1762        | 348              | R            |
| 1763        | 353              | R            |
| 1764        | 348              | R            |
| 1765        | Lease 2          | D            |
| 1766        | 353              | R            |
| 1767        | Lease 2          | R            |
| 1768        | 353              | R            |
| 1769        | Lease 2          | R            |
| 1770        | 353              | R            |
| 1771        | 353              | R            |
| 1772        | Lease 2          | R            |
| 1773        | 353              | R            |
| 1774        | Lease 2          | R            |
| 1776        | Lease 2          | R            |
| 1777        | 348              | R            |
| 1778        | 348              | R            |
| 1779        | Lease 2          | R            |

Total 54 holes

11 Diamond

43 Rotary

# FORDING RIVER OPERATIONS

## SUMMARY REPORT

### 1981 EXPLORATION AND DEVELOPMENT PROGRAM

#### I. INTRODUCTION

##### 1. General Geography and History

The Fording Coal Property is located in the Fording River and Upper Elk River Valleys, approximately 25 kilometres north of Elkford, B.C. Access is by paved road north from Elkford along the Fording River Valley or north along the Elk River Valley via the Forestry Service gravel road or the Kan-Elk Powerline road.

The Fording River Minesite is situated within the medial range of the southern Canadian Rocky Mountains. At least eight (8) major coal seams, generally greater than four (4) metres thick, are contained in the Mist Mountain Formation of the Kootenay Group.

The Elk River portion of the property was actively explored by the Canadian Pacific Railway company in the period 1902-1908. Until 1947, the property was comprised of 10,276 hectares in 40 Crown Granted Lots. In that year, the holdings were reduced to 2,979 hectares in 15 Crown Granted Lots, which still form part of the Fording Coal Property. In 1967 and 1968, Canadian Pacific Oil and Gas re-acquired part of the coal lands which had been abandoned in 1947. At the present time, the Fording Coal Property consists of 19,646 hectares held on two Coal Leases, 15 Crown Granted Lots, and 70 Coal Licences.

Mining operations, which commenced in 1972, have produced more than 24 million long tons of cleaned metallurgical medium-volatile bituminous coal, primarily for export to Japan.

## I. INTRODUCTION (cont'd)

### 1. General Geography and History (cont'd)

#### Reference:

- i) Illustration No. 1: Index Map - General Geology and Coal Properties

### 2. Summary of Work Done in 1981

Fifty-four (54) drillholes were completed in 1981 for a total of 16,283m/53,421 feet; 8,320m/27,296 feet in eleven (11) vertical HQ diamond core holes and 7,963m/26,125 feet in forty-three (43) 4 7/8" reverse circulation rotary drillholes. The diamond core holes were drilled by Tonto Drilling Limited using two unitized HD 56 drilling rigs and one unitized Longyear 44 rig. The reverse circulation rotary drilling was done by SDS Drilling, using a Cyclone TH 70 rig and a Gardner Denver 1700 rig, and by Skyline Drilling Limited using an Ingersoll-Rand TH 60 drilling rig. All the rotary rigs were equipped with a down hole hammer and 4½" CSR drill rods.

All holes were geophysically logged by Century Geophysical Corporation of Canada, using the gamma-neutron method. The diamond drillholes were also logged for hole deviation.

All coal seams intersected in centre-return rotary drillholes were sampled in two (2) foot intervals. Representative composite samples for each major coal seam intersected in the hole were prepared at Fording's Process Plant laboratory and each composite sample was tested for Proximate Analysis, FSI, % Sulphur, and calorific value. Diamond drill seam cores were tested for washability, in addition to the aforementioned tests. Samples of the washed seam composites, were sent to Cascade Coal Petrography for petrographic analysis and to Fording's laboratory for fluidity and dilatation tests.



2. Summary of Work Done in 1981 (cont'd)

Pre-logging of all access road rights-of-way and drill-site locations in timbered areas was undertaken prior to their construction. All merchantable timber was recovered and sold. Non-merchantable material was slashed and buried. The pre-logging and road construction was done on contract by A. Latka Contracting and Rudy A. Johnson Contracting Limited, respectively.

Fording geologists and summer students mapped the various rock outcrops and seam exposures, did the geological and structural logging and colour photography of diamond drill core, and installed and monitored the piezometers on various drillholes. Staff surveyors provided the necessary mapping control and located the drillholes.

Of the fifty-four (54) holes drilled, twenty-eight (28) were on B.C. Coal Leases #1 or #2, and twenty-six (26) were on Coal Licences. The following table shows the distribution of holes on Leases and Licences.

| <u>LAND DESCRIPTION</u>           | <u>NUMBER OF HOLES</u> |               |
|-----------------------------------|------------------------|---------------|
|                                   | <u>Diamond</u>         | <u>Rotary</u> |
| B.C. Coal Lease #1                | 3                      | 87?           |
| ✓ B.C. Coal Lease #2              | 8                      | 9             |
| ✓ Coal Licence #340               |                        | 11            |
| ✓ Coal Licence #342               |                        | 1             |
| ✓ Coal Licence #343               |                        | 1             |
| ✓ Coal Licence #348               |                        | 7             |
| Coal Licence # <del>358</del> 353 |                        | 56?           |
| ✓ Coal Licence #511               |                        | 1             |
| TOTALS                            | <u>11</u>              | <u>43</u>     |

Reference:

- i) Illustration No. 2: 1981 Exploration and Development Program

(d) Geology and Structure

1. General Stratigraphy

The general stratigraphic succession on the Fording River property is summarized in the following table:-

| <u>Lithology</u>                        |                      | <u>Age</u>       |
|---|----------------------|------------------|
| Sand, gravel, clay                      |                      | Recent           |
| <u>Major Unconformity</u>               |                      |                  |
| White pebble conglomerate               | - Blairmore          | Lower Cretaceous |
| Sandstone, shale, siltstone, minor coal | - Elk Series )       | Lower            |
| Sandstone, shale, siltstone, many coals | - Mutz Series )      | Cretaceous       |
| Pepper and salt sandstone               | - Hillcrest Series ) | Kootenay -to     |
| Siltstone, intermittent sandstone, coal | - Adanac Series )    | Upper            |
| Current bedded sandstone                | - Moose Mountain )   | Jurassic         |
| <u>Transitional Contact</u>             |                      |                  |
| Marine shale, minor sandstones          | - Fernie             | Jurassic         |
| <u>Regional Disconformity</u>           |                      |                  |
| Shaly quartzite, sandy shales           | - Spray River        | Triassic         |
| <u>Unconformity</u>                     |                      |                  |
| Grey limestone                          | - Rundle             | Mississippian    |

The oldest rocks present on the Fording River property are the limestones of the Rundle formation, which outcrop to the west of the Fording River near the southern boundary of the area. The limestone is indurated and of a grey-blue color, and where examined was non-fossiliferous. It is in faulted contact with Kootenay formation on its western margin, and in probable unconformable contact with Spray River quartzite on its northern limit. The latter contact was not found, but the intervening Rocky Mountain Quartzite (Pennsylvanian) was not found, and the lower contact of the Triassic is presumed to be unconformable with the Mississippian.

The shaly quartzite and sandy shale of the Spray River series are exposed at several localities in the valley of the Fording River and extensively in

the mountain ranges to the east of the property. The formation appears to have a thickness of 1000 feet in the area, but may show apparent thickening in places due to faulting.

The Fernie Shales of Jurassic age occur throughout the Fording River area, generally on the lower flanks of the mountains along the sides of the valleys. They are very poorly exposed, and where observed generally consist of bluish-black, somewhat nodular shales, with thin, calcareous sandstone bands. The shales are generally crushed and greatly contorted by minor structural features. They show no apparent unconformity with the Spray River series or with the overlying Kootenay formation. The Fernie is transitional from shales to the current-bedded basal sandstone of the Kootenay, and its top is generally placed at the point where distinct sandstone layers become frequent.

The basal member of the Kootenay formation is a medium to coarse-grained, current-bedded sandstone some 150 to 200 feet in thickness. This sandstone is common to all the Kootenay occurrences of the Rocky Mountains, and is a prominent cliff-marker in many localities. The sandstone represents the change from the marine conditions of the Fernie to the unstable, littoral conditions of the Kootenay.

In detail, the Kootenay formation, above the Moose Mountain sandstone at its base, is an extremely variable series, and while certain sandstone beds can be distinguished and traced on the ground over distances up to one-half mile, it is not feasible to correlate from one area to the next by means of detailed sections. Even the broader subdivisions of the series exhibit marked differences in detail, both in facies and in thickness. However, certain general subdivisions can be applied, and are used in this report.

Immediately overlying the Moose Mountain sandstone is the Adanac Series. This exhibits a slightly erosional relationship with the Moose Mountain. The Adanac Series may be further subdivided as follows:-

|          |                              |        |
|----------|------------------------------|--------|
| 70'      | Hillcrest                    |        |
|          | Siltstone (sometimes absent) |        |
|          | No. 4 coal seam              | 30 ft. |
|          | Siltstone                    |        |
|          | Sandstone (sometimes absent) |        |
|          | Siltstone                    |        |
|          | No. 2 seam                   |        |
|          | Sandy siltstone              |        |
|          | No. 1 seam                   |        |
| 150-200' | Moose Mountain               |        |

ADANAC SERIES

At the base, the lowest coal seams of the Kootenay are found. These seams, No. 1 and No. 2, were laid down in contact with the Moose Mountain sandstone, and observations indicate that deposition took place in shallow basins in the sandstone, giving rise to thinning of these seams to the edges of these basins and thickening near the centres. Several minor transgressions occurred, giving rise to a sandy siltstone between seam No. 1 and seam No. 2, and to a fairly consistent one-foot parting in the middle of seam No. 2. There is approximately 80 to 100 feet of sediments between the latter and seam No. 4. In about half the cases, this consists of intercalated, current-bedded siltstone and sandstone with sandstone being prominent elsewhere. Intermittent and impure coals are fairly common in this interval and are generally grouped as seam No. 3. Seam No. 4 is one of the thickest and most extensive seams on the Fording River property. As with all the thick coal seams present, it represents a remarkable continuity of slow subsidence over a long period. Some sedimentation was obviously active during the start of these conditions, as the bottom few feet of seam No. 4 contain a markedly higher content of impurities than the rest of the seam. Sedimentation and some subsequent erosion occurred following the deposition of seam No. 4, bringing the Adanac Series to a close.

The Adanac Series is immediately overlain by the Hillcrest Series. This series consists of a sandstone very similar in character to the Moose Mountain sandstone. The Hillcrest is quite variable in thickness, but is generally around 70 feet, and was laid down on the eroded top of the Adanac Series.

The erosion prior to deposition did not normally extend into the top of seam No. 4 although in local areas it appears that this was the case, notably south of Clode Creek. These cases are also accompanied by a thickening of the Hillcrest sandstone and may represent ancient watercourses. No coals are found within the Hillcrest, although coalified plant remains are common.

The deposition of the Hillcrest was followed by another period of erosion, during which the sandstone was removed completely in places, so that the Nutz Series is found occasionally in contact with the Adanac Series. Generally, however, the Hillcrest is present. The Nutz Series is a succession of cyclothems, with siltstone, coal and thin sandstones repeated many times. It contains seam No. 5 to seam No. 13, plus several succeeding upper seams. The most widespread and consistent of these cyclothems are represented by seam No. 5, seam No. 7 and seam No. 12, although several other widely distributed coal seams are also present. The first cyclothem above the Hillcrest is represented by seam No. 5, which is found throughout the basin, although there are indications on both sides of the Fording River that a lower seam was developed in a local area prior to this, particularly in the Green Hills where seam C is of fairly common occurrence.

Seam No. 6 is a rather local development in the type section, and probably represents a local split at the base of seam No. 7. This indicates that this local area was somewhat less stable than the surrounding basin, and was subject to a more rapid cyclothem period.

Seam No. 7 is the next important seam, and this cycle was widespread throughout the basin. This cycle is the second major one above the Hillcrest and is the last one which appears to be common to the basin as a whole. Coals continued to be deposited at fairly regular intervals over numerous succeeding cycles, the coal-bearing section above seam No. 7

being some 2,000 feet in thickness. The more widespread of these coals are shown on the maps, being seams F, G, H and I on the Green Hills and seams 9, 11, 12, 16 and 18 on the east side of the Fording River.

Rhythmic and variable sedimentation continued without interruption at the end of the Mutz Series. This overlying Elk Series of sandstones and siltstones differs only from the Mutz in the almost total absence of coal seams, although plant remains are quite common. In the Fording River area the Elk Series is estimated to be some 800 feet in thickness.

The youngest consolidated rock in the Fording River area is a white quartz-pebble conglomerate which is, apparently, conformable with the Elk Series. It is thought to be the basal member of the Blairmore of Lower Cretaceous age. The conglomerate is a prominent cliff-marker to the west of the Fording River, and its contact may be followed for several miles on the ground.

## 2. Structure

Subsequent to deposition, all the sediments described above were involved in the mountain-building movements of the Eocene period. The tectonic movements probably continued over a relatively long period of time. The major structural features of the Fording River property may be classed as the major north-south trending synclines east and west of the Fording River, with relatively high-angle west-dipping thrusts, some shallow east-dipping underthrusts and only a few normal faults. Some of the faults may have been folded later in the tectonic sequence.

From the sequence of structures observed in the present work, it is felt that the earliest event was the formation of the synclines now occupied by the Green Hills and the Eagle Mountain range. The intervening anticline was subsequently faulted and the thrusting superimposed on the synclinal limbs.

The Eagle Mountain structure is an asymmetric syncline which can be traced from near the south boundary of the property to Clode Creek, a distance of some six miles. The coal seams on the western limb of this structure exhibit dips to the east of 20 to 25 degrees, gradually decreasing to zero as the axis is approached. The eastern limb of the syncline is more sharply upswept with dips of 20 degrees being attained some 2,000 feet east of the synclinal axis, followed by a further upsweep to dips in the 35 to 45 degree range. The syncline does not exhibit any marked plunge, although plunge reversals of a few degrees are apparent in longitudinal section. The continuation of the syncline to the north of Clode Creek is marked by a rapid increase in plunge to the north, and Mount Turnbull exhibits a series of en-echelon anticlinal and synclinal structures plunging both to the northeast and the southwest, which appear to have been superimposed on the western limb of the main syncline. These subsidiary folds are not well delineated, but may be associated with the known faulting and underthrusting present in the Fording River Valley to the west. The Eagle syncline is further modified by a subsidiary anticline-syncline pair in the vicinity of Kilmarnock Creek, both of which have faulting associated with them. The western fault of this pair appears to be almost vertical, with a displacement of east side down, while the eastern fault dips to the east and shows a displacement of west side down. The eastern limb of the main syncline is overthrust, causing a repetition of the lower coal seams in this part of the area.

The contact of the Kootenay and Fernie on the west limb of this syncline is the locus for a shallow east-dipping series of underthrust faults. These structures are mainly located in the Fernie Shales, but do extend into the lower part of the Kootenay at Clode Creek and on Castle Mountain. Their effect is to cause a repetition, or series of repetitions, of the basal sandstone and the lower coal seams on the side of the mountain, and

also to cause an apparent thickening of the Fernie Shales on the east side of the Fording River. These structures may also be synclinal in form, and may reappear as westerly-dipping thrusts on the east side of the syncline. As has been noted by other workers in the area (2), the main deformational stresses tend to have been localized in the Fernie Shale and only extend upwards a few hundred feet into the overlying Kootenay, if at all. The effect of this faulting is well displayed near the axis of the syncline in lower Kootenay measures on Kilmarnock Creek.

The Fording River follows the course of the original anticline through the property. As a result, lower beds in the stratigraphic succession are exposed here, together with much evidence of faulting. At the south end, the Rundle Limestone is in faulted contact with the Fernie Shales. This fault trends northwest and dips to the northeast at  $65^{\circ}$ . The fault itself governs the course of the Fording River over considerable distances, and terminates against the Ericson Fault at its northwest end.

The Ericson Fault runs along the base of the Green Hills on the west side of the Fording River. This structure is one of the major through-going faults of the area. At the south end of the property it brings the Kootenay in contact with the Rundle Limestone, then progressively with the Spray River, the Fernie and finally with lower Kootenay beds north of Lake Mountain. This fault has an apparent horizontal displacement of some 3,000 feet, and the formations to the west side are downthrown. The fault dips to the west at  $65^{\circ}$  to  $70^{\circ}$ , and may be classed as a steeply west-dipping normal fault. The Fernie formation on the immediate western side of this fault is thrown into several tight folds, which have little or no expression in the Kootenay. A sharp, steeply northwest plunging anticline is thought to be present near the base of the Kootenay near the south end of Lake Mountain. The latter structure may be associated with the transition



from the Green Hills syncline to the other syncline to the north of Lake Mountain.

The Green Hills syncline is a mirror image of the Eagle Mountain structure. Here the eastern limb dips to the west at a relatively shallow angle, with dips in the 28 to 15 degree range, while the western limb exhibits dips in the 45 to 35 degree range. The axis of this asymmetric syncline trends some degrees west of north, and is truncated by the Ericson Fault near the south boundary of the property. As was noted above, the transition of this syncline to the other trend north of Lake Mountain is apparently marked by a series of plunging cross-folds. This belt of cross-folding may originally have been related to similar structures already noted on Mount Turnbull, and lying to the east of this area.

To the north and west of Lake Mountain a shallow, northwest trending syncline is present, terminating against the Ericson Fault near Henretta Creek and continuing over into the Elk River Valley. This structure has not been studied in detail as the only beds exposed on the C.P.O.G. property are those of the upper Kootenay and the Blairmore. This syncline probably represents the continuation of the plunging Eagle Mountain syncline west of the Ericson Fault.

## II. INDIVIDUAL AREA PROGRAMS

### 1. Eagle Mountain

#### i) Objectives

The objectives of the 1981 Exploration program on Eagle Mountain were:

- a) to confirm coal seam and structural continuity through the "core" of Eagle Mountain, and
- b) to obtain the geological data necessary to facilitate an open pit mining feasibility study on Brownie Ridge and the East Spur of Eagle Mtn.

#### ii) Summary of Work Done

Eleven (11) diamond drillholes (8,320m/27,296 feet) and eighteen (18) rotary drillholes (3,901m/12,797 feet) were completed.

Field mapping traverses were conducted on Brownie Ridge; primarily on the east flank, down to basal sandstone.

Coal seams intersected by new road cuts were mapped and staked. The stakes were then located by surveying.

#### iii) Results and Conclusions

The seven (7) diamond drillholes designed to penetrate the "core" of Eagle Mountain were all completed to desired depth. Collared on the #15 seam subcrop, these holes varied in depth from 627m/2,058 feet to 885m/2,902 feet. The "upper block" coal seams (seams above the Ewin Pass Thrust Fault) were shown to maintain their thickness and continuity through the core of the mountain, confirming projections made from previous information on the more extensively explored flank regions.

II. EAGLE MOUNTAIN (cont'd)iii) Results and Conclusions (cont'd)

The Ewin Pass Thrust was intersected in all holes, and in three (3) holes, the lower thrust faults were intersected as well. The Ewin Pass Thrust is located slightly higher than previously projected, and at least two (2) "repeat" blocks are present below the Thrust.

The occurrence of two (2) "repeat" blocks was confirmed by drillholes located on Brownie Ridge and on the East Spur.

A total of four (4) diamond holes and eighteen (18) rotary holes were completed on Brownie Ridge. The area investigated is bounded by Kilmarnock Creek to the south, and the East Spur of Eagle Mountain to the north. All holes were collared below the Ewin Pass Thrust Fault.

Two (2) "repeat" blocks are evident below the Thrust. The maximum section contained in the lower repeat blocks, R9 seam to Basal Sandstone, is located on the East Spur which is the topographic high. The maximum section in the upper repeat block, R13 seam to basal, is also found on the East Spur.

On both repeat blocks, seam R5 is split into two (2) widely separated seams. The intervening rock interval is 5 to 25 metres. Seam R4 is a "split" seam in the north, with intervals up to 30m. In the south, R4 is a single seam.

iv) Itemized Cost Statement - LICENCE GROUP #227

## Schedule B

| <u>Category of Work</u>                          | <u>Dimensions</u><br>(where applicable) | <u>Unit Cost</u><br>(where applicable) | <u>Cost</u> |
|--|---|--|-------------|
| <u>Geological Mapping</u>                        |   |  |             |
| <u>Reconnaissance</u>                            |   |  |             |
| Detail - Surface                                 |   |  | \$ 1,500    |
| - Underground                                    |   |  |             |
| - Other (specify)                                |   |  |             |
| <u>Geophysical/Geochemical</u><br><u>Surveys</u> |   |  |             |
| <u>Method</u>                                    |   |  |             |
| Grid   |   |  |             |
| Topographic                                      |   |  |             |
| * Other (specify)                                |   |  |             |
| <u>Road Construction</u>                         |   |  |             |
| On licences Nos.                                 |   |  | \$58,400    |
| Access to  |   |  |             |
| <u>Surface Work</u>                              |   |  |             |
| <u>Trenching</u>                                 |   |  |             |
| Seam tracing                                     |   |  |             |
| Crosscutting                                     |   |  |             |
| *Other (specify)                                 |   |  |             |
| <u>Underground Work</u>                          |   |  |             |
| <u>Test adits</u>                                |   |  |             |
| * Other workings                                 |   |  |             |
| <u>Drilling</u>                                  |   |  |             |
| <u>Core: Diamond</u>                             |   |  |             |
| Wireline   |   |  |             |
| <u>Rotary: Conventional</u>                      |   |  |             |
| Reverse circulation                              |   |  | \$120,800   |
| *Other (Specify)                                 |   |  |             |
| Contractor:                                      | SDS & SKYLINE                           |  |             |
| Where core stored                                |   |  |             |
| <u>Logging</u>                                   |   |  | \$ 12,000   |
| <u>Sampling</u>                                  |   |  |             |
| <u>Testing</u>                                   |   |  | \$ 13,000   |
| *Other work:<br>(specify details)                | - SEE ATTACHED LIST -                   |  | \$ 18,200   |
| Reclamation work (Permit No)                     | C-102                                   |  |             |
| ON PROPERTY COSTS                                | \$ 223,900                              |  |             |
| OFF PROPERTY COSTS                               | \$ Nil                                  |  |             |
| TOTAL EXPENDITURES                               | \$ 223,900                              |  |             |

ATTACHMENT TO ITEMIZED COST STATEMENTOther Work

|  |                        |
|--|------------------------|
| a) Camp costs, room and board for drilling<br>crews and geophysical logger                                       | \$15,900               |
| b) Miscellaneous equipment, supplies and services:<br>casing, sample bags, tags, ties, mapping<br>supplies, etc. | <u>\$ 2,300</u>        |
| TOTAL  | <u><u>\$18,200</u></u> |

October 29, 1982

Date

Ken Komenac

K.A. Komenac, P. Eng.  
Exploration Geologist  
Fording Coal Limited

KAK:pp

REFERENCES:

- i) Illustration No. 3a - Eagle Mountain Area Program
- ii) Illustration No. 3b - Geological Cross Section 150,400N
- iii) Appendix 1 - Cost Details
- iv) Appendix 2 - Drillhole Logs
- v) Appendix 3 - Coal Analyses

2. SOUTHWEST EAGLE MOUNTAIN - #4 SEAMi) Objectives

The objective of the rotary drillholes in this area was to confirm the thickness and continuity and assess the mining potential of #4 Seam between Block #4 and Blackwood Pit.

ii) Summary of Work Done

Three (3) rotary drillholes were completed for 509m/1,670 feet. All holes were drilled through #4, #2 and #1 seams.

iii) Results and Conclusions

Significant thicknesses of #4 seam (average 13.4m/44 feet, including #4L) were intersected in all holes. The interval between seam #2 (average 2.7m/9 feet) and seam #4 is greatly reduced in this area, averaging only 10.4m/34 feet. Seam #5 was also intersected in all holes, but, as expected, it is severely thinned and split into several bands.

Sufficient data is now available to design a small tonnage pit in the area.

References:

- i) Illustration No. 4a - Southwest Eagle Mountain #4  
Seam Area Program
- ii) Illustration No. 4b - Geological Cross Section 148,300N
- iii) Appendix 2 - Drillhole Logs
- iv) Appendix 3 - Coal Analyses

3. CLODE CREEKi) Objectives

The objective of the drilling program in the synclinal axis region of Clode Creek was to determine the continuity of coal seams and thrust faults between the lower benches of Clode Pit and the east synclinal limb in the Upper Clode Creek area.

ii) Summary of Work Done

Five (5) rotary holes were drilled for a total of 735m/2,410 feet. One hole, RH #1585A was abandoned at 60 feet, due to excessive overburden thickness.

iii) Results and Conclusions

Three (3) holes, RH 1587, 1588, and 1592, were collared below the Ewin Pass Thrust, and intersected the "Upper Repeat block" between seams R14<sub>L</sub> and R9. RH #1591, collared above the Ewin Pass Thrust, intersected seams #12, #11u, #11, #9, then penetrated the Thrust Fault and intersected Seam #R14<sub>L</sub>. The four (4) holes confirmed the continuity of coal seams and thrust faulting through the synclinal axis region.



iv) Itemized Cost Statement - LICENCE GROUP #227C.L. #342, 343

## Schedule B

| <u>Category of Work</u>        | <u>Dimensions</u><br>(where applicable) | <u>Unit Cost</u><br>(where applicable) | <u>Cost</u> |
|--------------------------------|---|--|-------------|
| <u>Geological Mapping</u>      |   |  |             |
| <u>Reconnaissance</u>          |   |  |             |
| Detail - Surface               | _____                                   | _____                                  | _____       |
| - Underground                  | _____                                   | _____                                  | _____       |
| - Other (specify)              | _____                                   | _____                                  | _____       |
| <u>Geophysical/Geochemical</u> |   |  |             |
| <u>Surveys</u>                 |   |  |             |
| <u>Method</u>                  |   |  |             |
| Grid                           | _____                                   | _____                                  | _____       |
| Topographic                    | _____                                   | _____                                  | _____       |
| * Other (specify)              | _____                                   | _____                                  | _____       |
| <u>Road Construction</u>       |   |  |             |
| On licences Nos.               | _____                                   | _____                                  | \$ 3,250    |
| Access to                      | _____                                   | _____                                  | _____       |
| <u>Surface Work</u>            |   |  |             |
| <u>Trenching</u>               |   |  |             |
| Seam tracing                   | _____                                   | _____                                  | _____       |
| Crosscutting                   | _____                                   | _____                                  | _____       |
| *Other (specify)               | _____                                   | _____                                  | _____       |
| <u>Underground Work</u>        |   |  |             |
| <u>Test adits</u>              |   |  |             |
| * Other workings               | _____                                   | _____                                  | _____       |
| <u>Drilling</u>                |   |  |             |
| <u>Core: Diamond</u>           |   |  |             |
| Wireline                       | _____                                   | _____                                  | _____       |
| <u>Rotary: Conventional</u>    |   |  |             |
| Reverse circulation            | _____                                   | _____                                  | \$23,800    |
| *Other (Specify)               | _____                                   | _____                                  | _____       |
| Contractor:                    | SKYLINE DRILLING                        |  | _____       |
| Where core stored              | N/A                                     |  | _____       |
| <u>Logging</u>                 | _____                                   | _____                                  | \$ 1,200    |
| <u>Sampling</u>                | _____                                   | _____                                  | _____       |
| <u>Testing</u>                 | _____                                   | _____                                  | \$ 750      |
| <u>*Other work:</u>            |   |  |             |
| (specify details)              | - SEE ATTACHED LIST -                   |  | \$ 2,250    |
| Reclamation work (Permit No)   | C-102                                   |  | _____       |
| ON PROPERTY COSTS              | \$ 31,250                               | _____                                  | _____       |
| OFF PROPERTY COSTS             | \$ Nil                                  | _____                                  | _____       |
| TOTAL EXPENDITURES             | \$ 31,250                               | _____                                  | _____       |

ATTACHMENT TO ITEMIZED COST STATEMENT

Other Work

a) Camp costs, room and board for drilling crews  
and geophysical logger \$2,250

October 29, 1982

Date

K.A. Komenac

K.A. Komenac, P. Eng.  
Exploration Geologist  
Fording Coal Limited

KAK:pp

REFERENCES:

- i) Illustration No. 5 a - Clode Creek Area Program
- ii) Illustration No. 5 b - Geological Cross Section 151,200N
- iii) Appendix 1 - Cost Details
- iv) Appendix 2 - Drillhole Logs
- v) Appendix 3 - Coal Analyses

4. TURNBULL MOUNTAINi) Objectives

The rotary drilling program on Turnbull Mountain was designed to locate the fault "cut-off" of seams #5 and #7 along the Ewin Pass Thrust plane. This location would determine the base of the pit highwall.

ii) Summary of Work Done

Two (2) of the three (3) rotary holes proposed were completed for 411m/1,350 feet. The third hole was not necessary.

iii) Results and Conclusions

R.H. #287 and #288 intersected seams #12 to #5. In RH 288, #5 seam is thickened and repeated (two (2) bands of 39 feet and 18 feet, respectively), indicating that the seam has been influenced by the Ewin Pass Thrust Fault. In RH #287, #5 seam is thinned into bands of 6 feet and 11 feet. This thinning is also due to the proximity to the Thrust Fault.

Results from the aforementioned holes, in conjunction with information from previous holes, will allow the determination of the optimum Turnbull Mountain Pit highwall location.

References:

- i) Illustration No. 6a - Turnbull Mountain Area Program
- ii) Illustration No. 6b - Geological Cross Section 151,900N
- iii) Appendix 2 - Drillhole Logs
- iv) Appendix 3 - Coal Analyses

5. SOUTH GREENHILLS BOUNDARY AREAi) Objective

The easternmost of six (6) drillholes proposed along the B.C. Coal/Fording Coal boundary was not completed in 1980. The objective of the 1980 program was to provide a cross-section of the Greenhills Syncline in this area. Drilling of the easternmost hole in 1981 was to complete this objective.

ii) Summary of Work Done

R.H. #1300, originally proposed as a diamond core hole, was completed to a depth of 219m/720 feet.

iii) Results and Conclusions

Four (4) major coal seams (17 feet, 25 feet, 34 feet, and 21.5 feet thick) and one (1) minor seam (8.5 feet), were intersected in the drillhole.

Correlations with the diamond holes drilled to the west, combined with bedding attitudes taken at the surface, show the east synclinal limb dipping at 40 - 50° west in this area. This steepening is likely influenced by the Ericson Fault, located approximately 100m to the east of RH #1300.

iv) Itemized Cost Statement - LICENCE GROUP #196  
C.L. #511

## Schedule B

| <u>Category of Work</u>                          | <u>Dimensions</u><br>(where applicable) | <u>Unit Cost</u><br>(where applicable) | <u>Cost</u> |
|--|---|--|-------------|
| <u>Geological Mapping</u>                        |   |  |             |
| <u>Reconnaissance</u>                            |   |  |             |
| Detail - Surface                                 | _____                                   | _____                                  | _____       |
| - Underground                                    | _____                                   | _____                                  | _____       |
| - Other (specify)                                | _____                                   | _____                                  | _____       |
| <u>Geophysical/Geochemical</u><br><u>Surveys</u> |   |  |             |
| <u>Method</u>                                    |   |  |             |
| Grid   | _____                                   | _____                                  | _____       |
| Topographic                                      | _____                                   | _____                                  | _____       |
| * Other (specify)                                | _____                                   | _____                                  | _____       |
| <u>Road Construction</u>                         |   |  |             |
| On licences Nos.                                 | _____                                   | _____                                  | \$ 950      |
| Access to  | _____                                   | _____                                  | _____       |
| <u>Surface Work</u>                              |   |  |             |
| <u>Trenching</u>                                 |   |  |             |
| Seam tracing                                     | _____                                   | _____                                  | _____       |
| Crosscutting                                     | _____                                   | _____                                  | _____       |
| *Other (specify)                                 | _____                                   | _____                                  | _____       |
| <u>Underground Work</u>                          |   |  |             |
| <u>Test adits</u>                                |   |  |             |
| * Other workings                                 | _____                                   | _____                                  | _____       |
| <u>Drilling</u>                                  |   |  |             |
| <u>Core: Diamond</u>                             |   |  |             |
| Wireline   | _____                                   | _____                                  | _____       |
| Rotary: Conventional                             | _____                                   | _____                                  | _____       |
| Reverse circulation                              | _____                                   | _____                                  | \$14,300    |
| *Other (Specify)                                 | _____                                   | _____                                  | _____       |
| Contractor:                                      | SDS DRILLING                            | _____                                  | _____       |
| Where core stored                                | N/A                                     | _____                                  | _____       |
| <u>Logging</u>                                   | _____                                   | _____                                  | \$ 1,000    |
| <u>Sampling</u>                                  | _____                                   | _____                                  | _____       |
| <u>Testing</u>                                   | _____                                   | _____                                  | \$ 1,000    |
| *Other work:<br>(specify details)                | - SEE ATTACHED LIST -                   | _____                                  | \$ 1,350    |
| Reclamation work (Permit No)                     | C-102                                   | _____                                  | _____       |
| ON PROPERTY COSTS                                | \$ 18,600                               | _____                                  | _____       |
| OFF PROPERTY COSTS                               | \$ Nil                                  | _____                                  | _____       |
| TOTAL EXPENDITURES                               | \$ 18,600                               | _____                                  | _____       |

ATTACHMENT TO ITEMIZED COST STATEMENT

Other Work

- a) Camp costs, room and board for drilling  
crews and geophysical logger \$1,350

October 29, 1982

Date

Ken Komenac

K.A. Komenac, P. Eng.  
Exploration Geologist  
Fording Coal Limited

KAK:pp

REFERENCES:

- i) Illustration No. 7a - South Greenhills Boundary Area Program
- ii) Illustration No. 7b - Geological Cross Section 144,400N
- iii) Appendix 1 - Cost Details
- iv) Appendix 2 - Drillhole Logs
- v) Appendix 3 - Coal Analyses



## 6. SOUTH LAKE MOUNTAIN

### i) Objectives

The objective of the rotary drilling program in South Lake Mountain was to provide sufficient information on seam thickness, location, quality and continuity to allow the completion of a mining feasibility study.

### ii) Summary of Work Done

Eight (8) centre-return rotary drillholes were completed for 1,141m/3,745 feet. A ninth hole (RH #1321) could not be drilled because of wet drillsite conditions.

### iii) Results and Conclusions

Drilling results show the South Lake Mountain region to be more structurally complex than anticipated.

Seam thickness and continuity is adversely affected by several normal faults. These faults are likely related to the Ericson Fault, the most prominent structure in the immediate area.

Encouraging seam thicknesses were encountered in three (3) holes, located on the southern and southeastern slopes.

In RH #1323, seams E (30 feet), D (34 feet), D<sub>L</sub> (7 feet) and B (52.5 feet), were intersected within 450 feet of the surface.

In RH #1325, seams D, D<sub>L</sub> and B have thinned to 14 feet, 6 feet, and 29 feet, respectively.

RH #1327 intersected 15 feet of F, 19 feet of E and 27 feet of D seam.

A mining feasibility study of this area will require additional drilling.

iv) Itemized Cost Statement - LICENCE GROUP #197C.L. #340

## Schedule B

| <u>Category of Work</u>        | <u>Dimensions</u><br>(where applicable) | <u>Unit Cost</u><br>(where applicable) | <u>Cost</u> |
|--------------------------------|---|--|-------------|
| <u>Geological Mapping</u>      |   |  |             |
| <u>Reconnaissance</u>          |   |  |             |
| Detail - Surface               |   |  |             |
| - Underground                  |   |  |             |
| - Other (specify)              |   |  |             |
| <u>Geophysical/Geochemical</u> |   |  |             |
| <u>Surveys</u>                 |   |  |             |
| <u>Method</u>                  |   |  |             |
| Grid                           |   |  |             |
| Topographic                    |   |  |             |
| * Other (specify)              |   |  |             |
| <u>Road Construction</u>       |   |  |             |
| On licences Nos.               |   |  | \$3,600     |
| Access to                      |   |  |             |
| <u>Surface Work</u>            |   |  |             |
| <u>Trenching</u>               |   |  |             |
| Seam tracing                   |   |  |             |
| Crosscutting                   |   |  |             |
| *Other (specify)               |   |  |             |
| <u>Underground Work</u>        |   |  |             |
| <u>Test adits</u>              |   |  |             |
| * Other workings               |   |  |             |
| <u>Drilling</u>                |   |  |             |
| <u>Core: Diamond</u>           |   |  |             |
| Wireline                       |   |  |             |
| Rotary: Conventional           |   |  | \$45,250    |
| Reverse circulation            |   |  |             |
| *Other (Specify)               | SKYLINE DRILLING                        |  |             |
| Contractor:                    | N/A                                     |  |             |
| Where core stored              |   |  |             |
| <u>Logging</u>                 |   |  | \$ 3,350    |
| <u>Sampling</u>                |   |  |             |
| <u>Testing</u>                 |   |  | \$750       |
| *Other work:                   |   |  |             |
| (specify details)              | - SEE ATTACHED LIST -                   |  | \$5,250     |
| Reclamation work (Permit No)   | C-102                                   |  |             |
| ON PROPERTY COSTS              | \$ 58,200                               |  |             |
| OFF PROPERTY COSTS             | \$ Nil                                  |  |             |
| TOTAL EXPENDITURES             | \$ 58,200                               |  | ...../21    |

ATTACHMENT TO ITEMIZED COST STATEMENTOther Work

|  |                 |
|--|-----------------|
| a) Camp costs, room and board for drilling crews and geophysical logger                                    | \$ 4,900        |
| b) Miscellaneous equipment, supplies and services, casing, sample bags, tags, ties, mapping supplies, etc. | <u>\$ 350</u>   |
| TOTAL  | <u>\$ 5,250</u> |

October 29, 1982

Date

Ken KomenacK.A. Komenac, P. Eng.  
Exploration Geologist  
Fording Coal Limited

REFERENCES:

- i) Illustration No. 8a - South Lake Mountain Area Program
- ii) Illustration No. 8b - Geological Cross Section 150,900N
- iii) Appendix 1 - Cost Details
- iv) Appendix 2 - Drillhole Logs
- v) Appendix 3 - Coal Analyses

7. NORTH GREENHILLS "L & M" SEAM AREAi) Objective

The rotary drilling program in this area was designed to fully define the limits of potential open cut mining. The waste capacity of the North Greenhills Spoil area could not be determined until the full extent of "L" seam pit was known.

ii) Summary of Work Done

Six (6) reverse circulation rotary drillholes were completed for 1,047m/3,433 feet. A seventh hole, proposed further to the west, could not be drilled because of icy road conditions.

iii) Results and Conclusions

Seam L was intersected in four (4) holes (RH #1381, 1385, 1387 and 1388). RH #1384 and 1386 were collared below "L" seam.

The seam has thinned severely relative to intersections to the west, and is split into two (2) widely separated bands (average of 6 feet coal, 19 feet rock, 3 feet coal). Seams M and K, located above and below L respectively, are also very thin.

Due to the fact that L seam is severely thinned in the aforementioned drillholes, the eastern pit limit is to the west of these holes. The approximate southern, western and northern pit limits were established from previous drilling information.

iv) Itemized Cost Statement - LICENCE GROUP #197  
C.L. #340

## Schedule B

| <u>Category of Work</u>        | <u>Dimensions</u><br>(where applicable) | <u>Unit Cost</u><br>(where applicable) | <u>Cost</u> |
|--------------------------------|---|--|-------------|
| <u>Geological Mapping</u>      |   |  |             |
| Reconnaissance                 |   |  |             |
| Detail - Surface               |   |  |             |
| - Underground                  |   |  |             |
| - Other (specify)              |   |  |             |
| <u>Geophysical/Geochemical</u> |   |  |             |
| <u>Surveys</u>                 |   |  |             |
| Method                         |   |  |             |
| Grid                           |   |  |             |
| Topographic                    |   |  |             |
| * Other (specify)              |   |  |             |
| <u>Road Construction</u>       |   |  |             |
| On licences Nos.               |   |  | \$ 4,290    |
| Access to                      |   |  |             |
| <u>Surface Work</u>            |   |  |             |
| Trenching                      |   |  |             |
| Seam tracing                   |   |  |             |
| Crosscutting                   |   |  |             |
| *Other (specify)               |   |  |             |
| <u>Underground Work</u>        |   |  |             |
| Test adits                     |   |  |             |
| * Other workings               |   |  |             |
| <u>Drilling</u>                |   |  |             |
| Core: Diamond                  |   |  |             |
| Wireline                       |   |  |             |
| Rotary: Conventional           |   |  |             |
| Reverse circulation            |   |  | \$50,280    |
| *Other (Specify)               |   |  |             |
| Contractor:                    | SDS DRILLING                            |  |             |
| Where core stored              | N/A                                     |  |             |
| <u>Logging</u>                 |   |  | \$ 5,700    |
| <u>Sampling</u>                |   |  |             |
| <u>Testing</u>                 |   |  | \$ 6,250    |
| *Other work:                   |   |  |             |
| (specify details)              | - SEE ATTACHED LIST -                   |  | \$16,850    |
| Reclamation work (Permit No)   | C-102                                   |  |             |
| ON PROPERTY COSTS              | \$ 83,370                               |  |             |
| OFF PROPERTY COSTS             | \$ Nil                                  |  |             |
| TOTAL EXPENDITURES             | \$ 83,370                               |  |             |

ATTACHMENT TO ITEMIZED COST STATEMENTOther Work

|  |                        |
|--|------------------------|
| a) Camp costs, room and board for drilling crews and geophysical logger                                    | \$ 5,750               |
| b) Miscellaneous equipment, supplies and services: casing, sample bags, tags, ties, mapping supplies, etc. | <u>\$11,100</u>        |
| TOTAL  | <u><u>\$16,850</u></u> |

October 29, 1982

Date

Ken KomenacK.A. Komenac, P. Eng.  
Exploration Geologist  
Fording Coal Limited

KAK:pp

REFERENCES:

- i) Illustration No. 9a - North Greenhills "L & M" Seam Area Program
- ii) Illustration No. 9b - Geological Cross Section 151,900N
- iii) Appendix 1 - Cost Details
- iv) Appendix 2 - Drillhole Logs
- v) Appendix 3 - Coal Analyses



APPENDIX 1

COST DETAILS OF WORK DONE ON COAL LICENCES

i) List of Invoices

| <u>CONTRACTOR OR SUPPLIER</u>             | <u>SERVICE</u>      | <u>INVOICE NUMBERS</u>  |
|---|---------------------|---|
| Cal-Van Camp Services Ltd.                | Room & Board        | Bi-monthly Journal Vouchers                                     |
| Cascade Coal Petrography Ltd.             | Petrography         | 1213, 1217, 1228, 1229, 1241, 1246, 1239, 1231                  |
| Century Geophysical Corporation of Canada | Geophysical Logging | 9211, 9285, 9352, 9376  |
| Rudy A. Johnson Contracting Ltd.          | Road Construction   | 267, 271, 276, 291, 292, 297, 301, 302, 308, 312, 319, 322, 327 |
| Latka Contracting                         | Pre-logging         | 42058, 42063, 42075, 42080, 42085                               |
| David E. Pearson & Associates Ltd.        | Petrography         | 103   |
| Roke Oil Enterprises Limited              | Geophysical Logging | 2173, 2178  |
| Russel Steel                              | Drill Casing        | 11113, 11439  |
| S.D.S. Drilling                           | Rotary Drilling     | 1488, 1503, 1756  |
| Skyline Drilling Limited                  | Rotary Drilling     | M1010, M1012, M1016, M1028, M1036                               |

ii) Copies of Invoices





INVOICE

Page One



302, 836 5th Ave S.W.  
Calgary, Alberta T2P 0N3  
(403) 262-4885

TO: Fording Coal Limited  
Purchasing  
Box 100  
Elkford, B. C.  
VOB 1H0

ATTENTION: Mr. Pat Koski

INVOICE NUMBER M1010-2

| INVOICE DATE |    |    | JOB NO | WELL LOCATION                                    | CONTRACTOR | PIC NO | CLIENT AUTHORIZATION |
|--------------|----|----|--------|--|------------|--------|----------------------|
| M            | D  | Y  |        |  |            |        |                      |
| 06           | 22 | 81 | 2      | Fording River Minesite<br>29 KM North of Elkford |            |        | P.O. FC 35 529       |

Hole #1585 & 1585A

Footage: #1585 60 feet  
#1585A 60 feet  
120 feet @ \$12.75/foot \$ 1,530.00

Daywork: Overburden Clause  
June 8/81 13 hours  
June 9/81 2 1/2 hours  
15 1/2 hours  
4 hours Allowance  
11 1/2 hours @ \$155.00/hour 1,782.50

Hole #1588

Footage: Total Depth 480 feet @ \$12.75/foot 6,120.00  
Daywork:  
June 10/81 2 hours Logging @ \$130.00/hour 260.00

Hole #1591

Footage: Total Depth 500 feet @ \$12.75/foot 6,375.00  
Daywork:  
June 11/81 2 hours Logging @ \$130.00/hour 260.00

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
CHARGED ON ALL OVERDUE ACCOUNTS.

Cont'd Page Two





INVOICE NUMBER M1016-2

APPLICATION  
 Fording River Minesite  
 29 KM North of Elkford

|            |                      |
|------------|----------------------|
| CONTRACTOR | CLIENT AUTHORIZATION |
|            | P.O. FC 35 529       |

|                     |  |                           |               |          |
|---------------------|--|---------------------------|---------------|----------|
| <u>Consumables:</u> |  | 1 - 5" Button Bit #F-6492 | \$ 904.80     |          |
|                     |  | Sales Tax 6% B.C.         | 54.28         |          |
|                     |  |                           | <u>959.08</u> |          |
|                     |  | 10% Handling Charge       | 95.90         | 1,054.98 |

Hole #1766

|                 |                                    |                 |
|-----------------|------------------------------------|-----------------|
| <u>Footage:</u> | 0 - 500 = 500 feet @ \$12.95/foot  | <u>6,475.00</u> |
|                 | 500 - 540 = 40 feet @ \$14.95/foot | <u>598.00</u>   |

|                 |                                   |               |
|-----------------|-----------------------------------|---------------|
| <u>Daywork:</u> |                                   |               |
| July 13/81      | 1/2 hour Drilling @ \$155.00/hour | <u>77.50</u>  |
| July 13/81      | 1 hour Logging @ \$130.00/hour    | <u>130.00</u> |

Hole #1764

|                 |                                     |                 |
|-----------------|-------------------------------------|-----------------|
| <u>Footage:</u> | 0 - 500 = 500 feet @ \$12.95/foot   | <u>6,475.00</u> |
|                 | 500 - 700 = 200 feet @ \$14.95/foot | <u>2,990.00</u> |

|                 |                                     |          |
|-----------------|-------------------------------------|----------|
| <u>Daywork:</u> |                                     |          |
| July 13/81      | 3 1/2 hours Standby @ \$130.00/hour | 455.00   |
| July 15/81      | 4 hours Drilling @ \$155.00/hour    | 620.00   |
| July 16/81      | 24 hours Drilling @ \$155.00/hour   | 3,720.00 |
| July 17/81      | 2 hours Drilling @ \$155.00/hour    | 310.00   |
| July 17/81      | 4 hours Logging @ \$130.00/hour     | 520.00   |

|                     |                              |                 |
|---------------------|------------------------------|-----------------|
| <u>Consumables:</u> | 1 - 5 1/8" Button Bit #84778 | \$ 904.80       |
|                     | Sales Tax 6% B.C.            | 54.28           |
|                     |                              | <u>959.08</u>   |
|                     | 10% Handling Charge          | 95.90           |
|                     |                              | <u>1,054.98</u> |

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
 CHARGED ON ALL OVERDUE ACCOUNTS.

INVOICE

Page One



INVOICE NUMBER **M1016-2**

|   |            |  |
|---|------------|--|
| WELL LOCATION<br>2 Fording River Minesite<br>29 KM North of Elkford | CONTRACTOR | CLIENT AUTHORIZATION<br>P.O. FC 35 529 |
|---|------------|--|

Hole #1768

Footage: 0 - 500 = 500 feet @ \$12.95/foot \$ 6,475.00  
 500 - 570 = 70 feet @ \$14.95/foot 1,046.50

Daywork:  
 July 2/81 1 1/2 hours Logging @ \$130.00/hour 195.00

Hole #1773

Footage: 0 - 485 = 485 feet @ \$12.95/foot 6,280.75

Daywork:  
 July 4/81 2 hours @ \$130.00/hour 260.00

Hole #1770

Footage: 0 - 490 = 490 feet @ \$12.95/foot 6,345.50

Daywork:  
 July 4/81 9 3/4 hours Surface Hole Problem  
 July 5/81 3 3/4 hours Surface Hole Problem  
 13 1/2 hours  
 4 hours Less Credit  
 9 1/2 hours @ \$155.00/hour 1,472.50  
 July 5/81 2 hours Logging @ \$130.00/hour 260.00

Hole #1772

Footage: 0 - 500 = 500 feet @ \$12.95/foot 6,475.00  
 500 - 700 = 200 feet @ \$14.95/foot 2,990.00

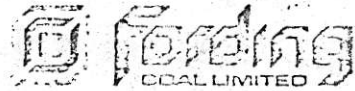
Daywork:  
 July 6/81 7 3/4 hours Surface  
 4 hours Less Credit  
 3 3/4 hours Surface @ \$155.00/hour 581.25

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
 CHARGED ON ALL OVERDUE ACCOUNTS.

Cont'd on Page Two



# Journal Voucher



Office \_\_\_\_\_

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month June 1 - 15, 1981

Do not use pencil to complete or sign this document.

| Card Code | Particulars--Do Not Key Punch     | Pre-Fix | Distribution Charge | Amount   |
|-----------|-----------------------------------|---------|---------------------|----------|
|           |                                   | 19      | 22                  | 32       |
| H         |                                   |         |                     | 6,931.75 |
| H         | Fording Coal Limited              | 0,8     | 11,008              | 5,300.00 |
| H         | University of Alberta             | 0,5     | C,4,41,59,9,2       | 3,500.00 |
| H         | Edco Construction                 | 0,5     | 3,1,3,0,0,1,1       | 1,575.00 |
| H         | Monenco                           | 0,5     | 3,8,1,0             | 3,850.00 |
| H         | C. I. L.                          | 0,5     | 3,2,4,0,0,1,1       | 5,600.00 |
| H         | Riv Quip                          | 0,5     | C,4,4,0,1,1,2,3     | 1,575.00 |
| H         | Sparwood Electric                 | 0,5     | C,4,4,1,7,0,1,2     | 3,850.00 |
| H         | Century Geophysical 5-DAYS @ \$35 | 0,5     | C,5,6,5,0,5,0,0     | 1,750.00 |
| H         | 6 DAYS @ \$35                     | 0,5     | C,5,6,5,4,5,0,0     | 2,100.00 |
| H         | Tonto Drilling 139-DAYS @ \$35    | 0,5     | C,5,6,5,0,8,0,0     | 4,865.00 |
| H         | Loram                             | 0,5     | W,0,3,6,1,0,3       | 3,080.00 |
| H         | Montreal Engineering              | 0,5     | 3,8,1,0             | 3,850.00 |
| H         | McElhanney                        | 0,5     | W,0,3,6,1,0,3       | 4,550.00 |
| H         | Penkam Contracting                | 0,5     | C,4,4,0,0,2,1,3     | 9,100.00 |
| H         | Skyline                           | 0,5     | C,5,6,5,4,1,2,0     | 2,905.00 |
| H         | Bannerman Construction            | 0,5     | 3,7,3,0,0,2,1       | 7,000.00 |
| H         |                                   | 0,5     | 4,0,2,0             | 1,750.00 |
| H         |                                   | 0,5     | 4,0,5,8             | 1,750.00 |
| H         |                                   | 0,5     | 4,0,6,5             | 7,000.00 |
| H         |                                   | 0,5     | 4,0,6,6             | 1,750.00 |
| H         |                                   | 0,5     | 4,0,6,7             | 1,750.00 |
| H         |                                   | 0,5     | 4,1,5,0             | 1,750.00 |
| H         |                                   | 0,5     | 4,3,5,0             | 3,500.00 |

Description: 51 \_\_\_\_\_

Reference Number

|   |   |    |    |
|---|---|----|----|
| J | E | Mo | No |
| J | E |    |    |

|        |  |          |  |
|--------|--|----------|--|
| Signed |  | Approved |  |
|        |  |          |  |

# Journal Voucher



Office Design Fac. Eng. & Projects

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month June 16 - 30, 1981

Do not use pencil to complete or sign this document.

| Ord<br>de | Particulars--Do Not Key Punch       | Pre-<br>Fix | Distribution<br>Charge | Amount |           |
|-----------|-------------------------------------|-------------|------------------------|--------|-----------|
|           |                                     |             |                        |        |           |
|           |                                     | 19          | 22                     | 32     |           |
| H         | Clansman Construction               | 05          | C 4 4 0 0 3 0 8        |        | 5 2 5 0   |
| H         |                                     | 05          | C 4 4 0 2 0 0 1        |        | 7 0 0 0   |
| H         |                                     | 05          | C 4 4 1 5 9 9 2        |        | 7 0 0 0   |
| H         |                                     | 05          | C 4 4 1 7 0 1 2        |        | 1 0 5 0 0 |
| H         |                                     | 05          | C 4 8 0 2 0 1 0        |        | 7 0 0 0   |
| H         | Skyline 116 DAYS @ \$35.00          | 05          | C 5 6 5 4 1 2 0        |        | 4 0 6 0 0 |
| H         | Tonto Drilling 131 DAYS @ \$35.00   | 05          | C 5 6 5 0 8 0 0        |        | 4 5 8 5 0 |
| H         | Penkam Construction                 | 05          | C 4 4 0 0 2 1 3        |        | 3 8 5 0 0 |
| H         | Loram International                 | 05          | W 0 3 6 1 0 3          |        | 2 3 1 0 0 |
| H         | Sparwood Electric                   | 05          | C 4 4 1 7 0 1 2        |        | 4 2 0 0 0 |
| H         | C. I. L.                            | 05          | 3 2 4 0 0 1 1          |        | 1 0 5 0 0 |
| H         | McElhanney                          | 05          | W 0 3 6 1 0 3          |        | 2 1 0 0 0 |
| H         | Century Geophysical 35 DAYS @ \$35. | 05          | C 5 6 5 0 5 0 0        |        | 1 2 2 5 0 |
| H         | Riv Quip                            | 05          | C 4 4 0 1 1 2 3        |        | 1 4 0 0 0 |
| H         | Edco Construction                   | 05          | 3 1 3 0 0 1 1          |        | 1 0 5 0 0 |
| H         | Fording Coal Limited                | 05          | 0 8 - 1 1 0 0 8        |        | 5 8 8 0 0 |
| H         | U. of A.                            | 05          | C 4 4 1 5 9 9 2        |        | 4 2 0 0 0 |
| H         | Canada Conveyor Belt                | 05          | 4 6 6 5                |        | 1 4 0 0 0 |
| H         | Kerr Wood Leidal                    | 05          | C 4 4 0 0 2 1 3        |        | 3 5 0 0 0 |
| H         | Invoice #020912                     | 05          | 4 6 7 6                |        | 1 6 0 0 0 |
| H         | 020913                              | 05          | 2 1 1 0                |        | 1 0 0 0 0 |
| H         | 020914                              | 05          | 3 8 1 0                |        | 2 0 0 0 0 |
| H         | 020915                              | 05          | W 0 3 6 9 0 1          |        | 1 0 0 0 0 |
| H         | 020916                              | 05          | P 5 2 0 0 7 0 0        |        | 3 0 0 0 0 |

Description: 51

Reference  
Number

|   |   |    |    |
|---|---|----|----|
| J | E | Mo | No |
| J | E |    |    |

| Signed |  | Approved |  |
|--------|--|----------|--|
|        |  |          |  |

INVOICE

Fording Coal  
Purchasing  
Box 100  
Elkford, B. C.



302, B.B. 5th Ave SW  
Calgary, Alberta T2P 1L1  
(403) 262-4885

ATTENTION Mr. Ken Komenac

INVOICE NUMBER M1028-2

| BILL DATE | JOB NO. | WELL LOCATION    | CONTRACTOR | BIG NO. | CLIENT ADDRESS |
|-----------|---------|------------------|------------|---------|----------------|
| 08 07 81  | 2       | Fording Minesite |            |         | P.O. FC 35 529 |

Hole #1762

Daywork:

July 21/81 24 hours Drilling @ \$155.00/hour  
July 22/81 11 3/4 hours Drilling @ \$155.00/hour  
July 22/81 2 1/4 hours Logging @ \$130.00/hour

\$ 3,720.00  
1,821.25  
292.50

Hole #1763

Footage:

0 - 500 = 500 feet @ \$12.95/foot  
500 - 700 = 200 feet @ \$14.95/foot

6,475.00  
2,990.00

Daywork:

July 22/81 6 hours Preparing to Move  
July 23/81 2 1/2 hours Moving  
8 1/2 hours  
5 hours Credit  
3 1/2 hours @ \$155.00/hour  
July 25/81 3 hours Standby @ \$130.00/hour  
July 25/81 1 3/4 hours Logging @ \$130.00/hour

542.50  
390.00  
227.50

Hole #1774

Footage:

0 - 500 = 500 feet @ \$12.95/foot  
500 - 700 = 200 feet @ \$14.95/foot

6,475.00  
2,990.00

Daywork:

July 26/81 5 3/4 hours Below Contract Depth @ \$155.00/hour 891.25  
July 27/81 21 hours Below Contract Depth @ \$155.00/hour 3,255.00  
July 27/81 1 1/4 hours Logging @ \$130.00/hour 162.50  
July 28/81 3 hours Below Contract Depth @ \$155.00/hour 465.00

Consumables:

Bit 5 1/2" Hammer #Q2683 40% \$ 315.20  
Bit 5" Button #F64925 904.80  
1,220.00  
6% B.C. Sales Tax 73.20  
1,293.20  
10% Handling 129.32

1,422.52

TOTAL INVOICE

\$32,120.02

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
CHARGED ON ALL OVERDUE ACCOUNTS.

10-10-51

POWING COAL LTD  
PURCHASING  
BOX 100  
ELKFORD B C

# RUSSELSTEEL

SHIP TO

SAFORDING VALLEY  
15 14 81  
B.C.

|                  |  |                   |   |                   |                 |                    |            |                    |             |                      |              |            |
|------------------|--|-------------------|---|-------------------|-----------------|--------------------|------------|--------------------|-------------|----------------------|--------------|------------|
| CUSTOMER         |  | S/M               | C | FEDERAL SALES TAX | PROV. SALES TAX | CUSTOMER ORDER NO. | ORDER DATE | BILL OF LADING NO. | INVOICE NO. | PAGE                 |              |            |
|                  |  | 2402              |   |                   |                 | FC 35284           |            |                    | 11409       |                      |              |            |
| TERMS            |  | PRODUCTION ORDERS |   |                   | F.O.B.          | PPD.               | COL.       | CHEE.              | CARRIER     | TOTAL WEIGHT SHIPPED | DATE SHIPPED | SALES TYPE |
|                  |  |                   |   |                   |                 | X                  |            |                    |             |                      |              |            |
| EXPECTED TO SHIP |  | TAKEN BY          |   | DELIVERY INST.    |                 | THIS SHIPMENT      |            |                    |             |                      |              |            |
|                  |  |                   |   |                   |                 |                    |            |                    |             |                      |              |            |

| ITEM | MA | ITEM | NO OF PIECES | ESTIMATED WEIGHT | DESCRIPTION          | ITEM LENGTH | BACK ORDER | SHIPPED |          | SELLING UNIT |
|------|----|------|--------------|------------------|----------------------|-------------|------------|---------|----------|--------------|
|      |    |      |              |                  |                      |             |            | WEIGHT  | QUANTITY |              |
| 1    |    |      |              |                  |                      |             |            |         |          |              |
| 2    |    |      |              |                  |                      |             |            |         |          |              |
| 3    |    |      | 500          | 5395             | 5 9/16 x 188 W. INS. |             |            | 5412    | 24-20-9' | CLF          |
| 4    |    |      |              |                  | JT. C.S.G.           |             |            |         |          |              |
| 5    |    |      |              |                  |                      |             |            |         |          |              |
| 6    |    |      |              |                  |                      |             |            |         |          |              |
| 7    |    |      |              |                  | K. Komears           |             |            |         |          |              |
| 8    |    |      |              |                  |                      |             |            |         |          |              |
| 9    |    |      |              |                  |                      |             |            |         |          |              |

RECEIVED BY

PACKING SLIP

FORDING COAL LTD  
PURCHASING  
BOX 100  
ELK FORD B C

RUSSELSTEEL

SHIP TO

12481

FORDING VALLEY

B.C.

|                         |            |                             |                     |                               |                           |            |                    |                    |      |
|-------------------------|------------|-----------------------------|---------------------|-------------------------------|---------------------------|------------|--------------------|--------------------|------|
| OR CUSTOMER NO<br>29602 | SIM        | FEDERAL SALES TAX<br>SUS268 | PROV. SALES TAX     | CUSTOMER ORDER NO<br>FC 11797 | ORDER DATE<br>DAY         | YR         | BILL OF LADING NO. | INVOICE NO<br>1113 | PAGE |
| TERMS                   | PRODUCTION | F.O.B.                      | CARRIER<br>X OLOHAM | TOTAL WEIGHT SHIPPED          | DATE SHIPPED<br>MO DAY YR | SALES TYPE |                    |                    |      |

THIS SHIPMENT

| ITEM  | MA | ITEM | NO OF<br>PIECES | ESTIMATED<br>WEIGHT | DESCRIPTION                 | ITEM<br>LENGTH | BACK<br>ORDER | SHIPPED<br>WEIGHT | QUANTITY | UNIT |
|---|----|------|-----------------|---------------------|-----------------------------|----------------|---------------|-------------------|----------|------|
| 1   |    |      | 300             | 3400                | 7" x 231W. INS. ST.<br>CSG. | 35'04          |               | 206               |          |      |
| <p>02-C5290470<br/>K. Romanas<br/>NYD<br/>2/5/81<br/>W-F.</p> |    |      |                 |                     |                             |                |               |                   |          |      |

RECEIVED BY

PACKING SLIP



ANDY LATKA CONTRACTING LTD  
 Box 475  
 BLAIRMORE ALTA

**PURCHASE ORDER** 42063

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.

TO: **FORDING COAL LTD**

ADDRESS: **Box 100 ELKFORD B.C.**

SHIP TO: **ELKFORD B.C.**

DATE: **June 15/81**

REG. NO. OR DEPT.: **FC 34234**

FOR: **June 15/81**

PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED

| QUANTITY | PLEASE SUPPLY ITEMS LISTED BELOW | PRICE         |
|----------|----------------------------------|---------------|
| 1        | 3 DAYS 3/4 TON 4x4               | 40.00 120 00  |
| 2        | 24 hrs FOREMAN                   | 31.42 754 08  |
| 3        | 24 hrs FALLER                    | 31.42 754 08  |
| 4        | 48 hrs BUCKER MEN                | 24.65 1183 20 |
| 5        |                                  |               |
| 6        | INVOICE #S 42060 - 42061 - 42062 |               |
| 7        |                                  |               |
| 8        | Andy Latka                       |               |
| 9        |                                  |               |
| 10       |                                  | 2811 36       |

DATE REQUIRED: \_\_\_\_\_ HOW SHIP: \_\_\_\_\_ PLEASE SEND \_\_\_\_\_ COPIES OF YOUR INVOICE: \_\_\_\_\_

TERMS: **Charge C-3650700**

**OK J.K. P.M. Magnault 06-17**

PURCHASING AGENT

ANDY LATKA CONTRACTING LTD  
 Box 475  
 BLAIRMORE ALTA  
 TOK-050

**PURCHASE ORDER** 42058

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.

TO: **FORDING COAL LTD**

ADDRESS: **Box 100**

SHIP TO: **ELKFORD B.C.**

DATE: **June 8/81**

REG. NO. OR DEPT.: **FC 34234**

FOR: **June 8/81**

PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED

| QUANTITY | PLEASE SUPPLY ITEMS LISTED BELOW | PRICE         |
|----------|----------------------------------|---------------|
| 1        | 3 DAYS 4x4 PICKUP                | 40.00 120 00  |
| 2        | 24 hrs FOREMAN                   | 31.42 754 08  |
| 3        | 24 hrs FALLERS                   | 31.42 754 08  |
| 4        | 48 hrs BUCKER MEN                | 24.65 1183 20 |
| 5        |                                  |               |
| 6        | INVOICE #S 42055 - 42056 - 42057 |               |
| 7        |                                  |               |
| 8        | Andy Latka                       |               |
| 9        | FC 34234 70% - C 5654700         |               |
| 10       | Charge - 30% C 5650700           | 2811 36       |

DATE REQUIRED: \_\_\_\_\_ HOW SHIP: \_\_\_\_\_ PLEASE SEND \_\_\_\_\_ COPIES OF YOUR INVOICE: \_\_\_\_\_

TERMS: **Charge - 30% C 5650700**

**OK J.K. P.M. Magnault 06-15**

PURCHASING AGENT





PURCHASE ORDER

42075

TO *Fording Coal Ltd.*

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.

ADDRESS *Box 100 Elkford B.C.*

REG. NO. OR DEPT.

SHIP TO

DATE

*June 26/91.*

ADDRESS

FOR

PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED

| QUANTITY      | PLEASE SUPPLY ITEMS LISTED BELOW |                    | PRICE       |                        |
|---------------|----------------------------------|--------------------|-------------|------------------------|
| 1             | 5 days                           | 3/4 Ton 4x4.       | \$ 40.00    | 200 00                 |
| 2             | 40 hrs                           | Foreman.           | \$ 31.42    | 1256 90                |
| 3             | 40 hrs                           | Faller.            | \$ 31.42    | 1256 90                |
| 4             | 136 hrs                          | Bucksmen.          | \$ 24.65    | 3352 40                |
| 5             |                                  |                    |             |                        |
| 6             |                                  |                    |             |                        |
| 7             | Invoice #. 42070 42071           |                    |             |                        |
| 8             | 42072 42073 42074.               |                    |             |                        |
| 9             |                                  |                    |             |                        |
| 10            |                                  | <i>David Fatta</i> | \$          | 6066 00                |
| DATE REQUIRED |                                  | HOW SHIP           | PLEASE SEND | COPIES OF YOUR INVOICE |
| TERMS         |                                  |                    |             | PURCHASING AGENT       |

☐ 001

Charge: C-5650700

ok. *[Signature]*



ROKE OIL ENTERPRISES LTD.

516 MORaine ROAD N.E., CALGARY, ALBERTA T2A 2P2 • TELEPHONE 273-5553

TO: Fording Coal Limited,  
Box 100,  
Elkford, B.C.

INVOICE No 2173

DATE March 11, 1981  
Your P.O. #FC 34208

SERVICES RENDERED Re: Fording Field

|                     |                          |  |                    |
|---------------------|--------------------------|--|--------------------|
| Service Order #5077 | - Dated February 5, 1981 | - Total Logging Charges<br>\$664.43 Min. | \$950.00           |
| Service Order #5078 | - " " 8, "               | - Total logging Charges<br>\$681.53 Min. | 950.00             |
| Service Order #5079 | - " " 11, "              | - Total Logging Charges                  | 957.90             |
| Service Order #5080 | - " " 24, "              | - Total Logging Charges<br>\$939.70 Min. | 950.0              |
|                     |                          |  | <u>\$ 3,807.90</u> |

C-5290500

*K. K.*  
17-3-81

*P.M.P.* 81-03-17

INVOICE

INVOICE

Page 2



TO:

Fording Coal  
Purchasing  
Box 100  
Elkford, B. C.  
VOB 1HO

ATTENTION: Mr. Ken Komenac

INVOICE NUMBER **M1012-2**

| INVOICE DATE |    |    | JOB NO. | WELL LOCATION                                    | CONTRACTOR | FIG NO. | CLIENT AUTHORIZATION |
|--------------|----|----|---------|--|------------|---------|----------------------|
| M            | D  | Y  |         |  |            |         |                      |
| 07           | 06 | 81 | 2       | Fording River Minesite<br>29 KM North of Elkford |            |         | P.O. FC 35 529       |

Hole #1320

Footage: 0 - 500 = 500 feet @ \$12.95/foot \$ 6,475.00  
500 - 555 = 55 feet @ \$14.95/foot 822.25

\$ 7,297.25

Daywork:

June 24/81 3 hours Logging @ \$130.00/hour

390.00

Hole #1771

Footage: 0 - 460 = 460 feet @ \$12.95/foot

5,957.00

Daywork:

June 25/81 1 1/2 hours Logging @ \$130.00/hour

195.00

June 25/81 3 hours Stuck Waiting on Cat @ \$155.00/hour

465.00

Hole #1769

Footage: 0 - 500 = 500 feet @ \$12.95/foot \$ 6,475.00  
500 - 700 = 200 feet @ \$14.95/foot 2,990.00

9,465.00

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
CHARGED ON ALL OVERDUE ACCOUNTS.

INVOICE



TO: Fording Coal  
Purchasing  
Box 100  
Elkford, B. C.  
VOB 1H0

ATTENTION: Mr. Ken Komenac

INVOICE NUMBER  M1012-2

| INVOICE DATE |    |    | JOB NO. | WELL LOCATION                                    | CONTRACTOR | FIG NO. | CLIENT AUTHORIZATION |
|--------------|----|----|---------|--|------------|---------|----------------------|
| M            | D  | Y  |         |  |            |         |                      |
| 07           | 06 | 81 | 2       | Fording River Minesite<br>29 KM North of Elkford |            |         | P.O. FC 35 529       |

Hole #1769 Cont'd

Daywork:

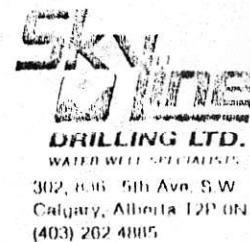
|            |                          |                         |             |
|------------|--------------------------|-------------------------|-------------|
| June 27/81 | 3 1/2 hours              | Drilling below 700'     |             |
| June 28/81 | 22 hours                 | Drilling below 700'     |             |
| June 29/81 | 19 hours                 | Drilling below 700'     |             |
| June 30/81 | 18 1/2 hours             | Drilling below 700'     |             |
|            | 63 hours @ \$155.00/hour |                         | \$ 9,765.00 |
| June 30/81 | 1 1/2 hours              | Logging @ \$130.00/hour | 195.00      |

Consumables

|                                     |           |                    |
|-------------------------------------|-----------|--------------------|
| Bit Serial #03215                   | \$ 856.80 |                    |
| Bit Serial #F84821                  | 856.80    |                    |
|                                     | 1,713.60  |                    |
| 6% B.C. Sales Tax                   | 102.81    |                    |
|                                     |           | <u>1,816.41</u>    |
|                                     |           | \$55,843.16        |
| Less: Credit Owing Invoice #M1010-2 |           |                    |
| 10 hours @ \$155.00/hour            |           | <u>1,550.00</u>    |
| TOTAL INVOICE                       | NET       | <u>\$54,293.16</u> |

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
CHARGED ON ALL OVERDUE ACCOUNTS.

INVOICE



Fording Coal  
Purchasing  
Box 100  
Elkford, B. C.  
VOB 110

ATTENTION Mr. Ken Komenac

INVOICE NUMBER M1012-2

| RECEIVED AT | DATE | WELL NO. | WELL LOCATION | CONTRACTOR                                       | DIG NO. | CLIENT AUTHORIZATION |
|-------------|------|----------|---------------|--|---------|----------------------|
| 07          | 06   | 81       | 2             | Fording River Minesite<br>29 KM North of Elkford |         | P.O. FC 35 529       |

Hole #R.H. 288

Footage:

|           |   |                         |                 |
|-----------|---|-------------------------|-----------------|
| 0 - 500   | = | 500 feet @ \$12.95/foot | \$ 6,475.00     |
| 500 - 700 | = | 200 feet @ \$14.95/foot | <u>2,990.00</u> |
|           |   |                         | \$ 9,465.00     |

Daywork:

|            |   |       |                         |               |
|------------|---|-------|-------------------------|---------------|
| June 18/81 | 6 | hours | Moving with Cat         |               |
|            | 5 | hours | Credit                  |               |
|            | 1 | hour  | @ \$155.00/hour         | \$ 155.00     |
| June 20/81 | 1 | hour  | Logging @ \$130.00/hour | <u>130.00</u> |
|            |   |       |                         | 285.00        |

Hole #287

Footage:

|           |   |                         |                 |
|-----------|---|-------------------------|-----------------|
| 0 - 500   | = | 500 feet @ \$12.95/foot | \$ 6,475.00     |
| 500 - 650 | = | 150 feet @ \$14.95/foot | <u>2,242.50</u> |
|           |   |                         | 8,717.50        |

Daywork:

|            |       |       |                                 |                 |
|------------|-------|-------|---------------------------------|-----------------|
| June 20/81 | 3     | hours | Going for Water @ \$155.00/hour | \$ 465.00       |
| June 20/81 | 2 1/2 | hours | Waiting on Cat                  |                 |
| June 21/81 | 4     | hours | Waiting on Logger               |                 |
| June 22/81 | 3     | hours | Waiting on Logger               |                 |
| June 22/81 | 1     | hour  | Logging                         |                 |
|            |       |       | 10 1/2 hours @ \$130.00/hour    | <u>1,365.00</u> |
|            |       |       |                                 | 1,830.00        |

INTEREST RATE OF 2% PER MONTH (4% PER ANNUM)  
CHARGED ON ALL OVERDUE ACCOUNTS

TO: Fording Coal



DRILLING LTD.  
WATER WELL SPECIALISTS

302, 836 - 5th Ave. S.W.  
Calgary, Alberta T2P 0N3  
(403) 262-4885

ATTENTION: Mr. Ken Komenac

INVOICE NUMBER ▶ M1036-2

| INVOICE DATE |    |    | JOB NO. | WELL LOCATION    | CONTRACTOR | RIG NO. | CLIENT AUTHORIZATION |
|--------------|----|----|---------|------------------|------------|---------|----------------------|
| M            | D  | Y  |         |                  |            |         |                      |
| 08           | 27 | 81 | 2       | Fording Minesite |            |         | P.O. FC 35 529       |

Hole #1324

Footage: 0 - 500 = 500 feet @ \$12.95/foot \$ 6,475.00  
 500 - 560 = 60 feet @ \$14.95/foot 897.00

Daywork:  
 August 14/81 3 1/2 hours Moving  
 4 hours Moving  
 7 1/2 hours Moving  
 5 hours Credit  
 2 1/2 hours Moving @ \$155.00/hour 387.50  
 August 15/81 1 3/4 hours Logging @ \$130.00/hour 227.50

Hole #1326

Footage: 0 - 220 = 220 feet @ \$12.95/foot 2,849.00

Daywork:  
 August 15/81 4 hours Moving  
 5 hours Moving  
 9 hours Moving  
 5 hours Credit  
 4 hours Moving @ \$155.00/hour 620.00

Hole #1327

Footage: 0 - 390 = 390 feet @ \$12.95/foot 5,050.50

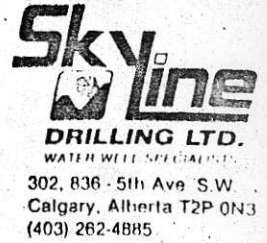
Daywork:  
 August 17/81 5 hours Moving  
 August 18/81 3 hours Moving  
 8 hours Moving  
 5 hours Credit  
 3 hours Moving @ \$155.00/hour 465.00  
 August 18/81 2 hours Logging @ 130.00/hour 260.00  
 August 18/81 6 1/2 hours Drilling Test Hole @ \$155.00/hour 1,007.50  
 August 19/81 7 hours Drilling Test Hole @ \$155.00/hour 1,085.00  
 August 19/81 1 3/4 hours Logging @ \$130.00/hour 227.50

\$85,973.78

▶ INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
 CHARGED ON ALL OVERDUE ACCOUNTS.

INVOICE Page Two

TO: Fording Coal



ATTENTION: Mr. Ken Komenac

INVOICE NUMBER M1036-2

| INVOICE DATE |    |    | JOB NO | WELL LOCATION    | CONTRACTOR | RIG NO | CLIENT AUTHORIZATION |
|--------------|----|----|--------|------------------|------------|--------|----------------------|
| M            | D  | Y  |        |                  |            |        |                      |
| 08           | 27 | 81 | 2      | Fording Minesite |            |        | P.O. FC 35 529       |

Hole #1322

Footage: 0 - 500 = 500 feet @ \$12.95/foot \$ 6,475.00  
 500 - 650 = 150 feet @ \$14.95/foot 2,242.50

Daywork:  
 August 11/81 5 1/4 hours Logging @ \$130.00/hour 681.50

Hole #1324 & 1323

Footage: 0 - 20 = 20 feet @ \$12.95/foot (1324) 259.00  
 0 - 500 = 500 feet @ \$12.95/foot (1323) 6,475.00  
 500 - 560 = 60 feet @ \$14.95/foot (1323) 897.00

Daywork:  
 August 12/81 5 1/4 hours Logging @ \$130.00/hour 682.50  
 1/2 hour Standby @ \$130.00/hour 65.00

Hole #1329

Footage: 0 - 300 = 300 feet @ \$12.95/foot 3,885.00

Daywork:  
 August 13/81 1 1/2 hours Logging @ \$130.00/hour 195.00

Hole #1325

Footage: 0 - 500 = 500 feet @ \$12.95/foot 6,475.00

Daywork:  
 August 13/81 9 hours Moving  
 August 14/81 2 1/4 hours Moving  
 11 1/4 hours Moving  
 5 hours Credit  
 6 1/4 hours Moving @ \$155.00/hour 968.75  
 August 14/81 1 3/4 hours Logging @ \$130.00/hour 227.50

INTEREST RATE OF 2% PER MONTH (24% PER ANNUM)  
 CHARGED ON ALL OVERDUE ACCOUNTS.

Cont'd Page Three

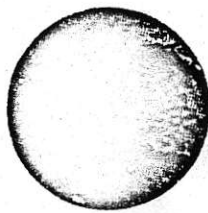








Dec 16/81



# CASCADE COAL PETROGRAPHY LIMITED

SOLD TO

SHIPPED TO

MR. RAY QUAYLE  
 FORDING COAL LIMITED  
 P.O. Box 100, LILFORD EC.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

| DATE     | DATE SHIPPED                                | SHIPPED VIA | YOUR ORDER NO. | F.O.B. | TERMS    | INVOICE NO. |
|----------|---|-------------|----------------|--------|----------|-------------|
| 8/12/81  | 8/12/81                                     |             | PC32835        |        |          | 1239        |
| QUANTITY | DESCRIPTION                                 |             |                |        | PRICE    | AMOUNT      |
| 42       | Petrographic analysis on samples submitted. |             |                |        | \$250.00 | \$10,500.00 |
|          | Charge to: C 5650900                        |             |                |        |          |             |
|          | OK. <i>[Signature]</i>                      |             |                |        |          |             |
|          | <i>[Handwritten notes]</i>                  |             |                |        |          |             |
|          | DEC 16 1981                                 |             |                |        |          |             |
|          | 050 5650400                                 |             |                |        |          |             |
|          | Jul (012)                                   |             |                |        |          |             |
|          | <i>[Signature]</i>                          |             |                |        |          |             |











**David E. Pearson & Associates Ltd.**  
Consulting Coal Geologists & Petrographers

804 Leota Place, Victoria, B.C. V8Y 1H2 (604) 658-5963

April 21, 1981

103

INVOICE

Crushing, pelletising, polishing; maceral analysis, reflectance analysis, coke strength calculation and preparation of report entitled "Report on petrography of nineteen coal samples submitted by Fording Coal Ltd.", by D.E. Pearson

..... \$5000

Mr. Ken Komenac,  
Fording Coal Limited,  
Elkford, B.C.  
VOB 1H0

Charge: C5290910

*Ken Komenac*



# SDS DRILLING

DIVISION OF SDS INDUSTRIES LTD.  
 4636 FIRST STREET S.E.  
 CALGARY, ALBERTA T2G 2L3  
 PHONE (403) 287-1460

FORDING  
 PURCHASING

Invoice No 1756

FORDING COAL LIMITED  
 P.O. Box 100  
 ELKFORD, British Columbia  
 VOB 1H0

Date November 2, 1981

Client - Project No P.O. FC - 35954  
 ACT.

SDS - Job No PROJECT 271  
 RIG 601-18

Billing Period October 13, 1981 To October 26, 1981 Location EAGLE MOUNTAIN

Changes as per attached summary

### EAGLE MOUNTAIN

|  |          |    |
|--|----------|----|
| Drilling - 2550 Feet @ \$16.25/Foot      | \$41,437 | 50 |
| - 400 Feet @ \$19.00/Foot                | \$ 7,600 | 00 |
| Day Work - 96 3/4 Hours @ \$180.00/Hour  | \$17,415 | 00 |
| Stand - By - 6 3/4 Hours @ \$160.00/Hour | \$ 1,080 | 00 |
| Crew Travel - 9 1/2 Hours @ \$50.00/Hour | \$ 475   | 00 |

### CONSUMABLES

|                                    |          |    |
|------------------------------------|----------|----|
| Bit Cost on 222 Feet @ \$1.75/Foot | \$388.50 |    |
| 3 - 5" Rock Bits @ \$273.00        | \$819.00 |    |
|                                    | \$ 1,207 | 50 |
| B.C. Sales Tax of 6%               | \$ 72    | 45 |
| Plus 10% Handling                  | \$ 120   | 75 |

### GREEN HILLS

|                                       |          |    |
|---------------------------------------|----------|----|
| Drilling - 1072 Feet @ \$14.24/Foot   | \$15,276 | 00 |
| - 100 Feet @ \$18.50/Foot             | \$ 1,850 | 00 |
| Day Work - 8 Hours @ \$180.00/Hour    | \$ 1,440 | 00 |
| Crew Travel - 1/2 Hour @ \$50.00/Hour | \$ 25    | 00 |

### CONSUMABLES

|                                   |        |    |
|-----------------------------------|--------|----|
| Bit Cost on 70 Feet @ \$1.75/Foot | \$ 122 | 50 |
| B.C. Sales Tax of 6%              | \$ 7   | 35 |
| Plus 10% Handling                 | \$ 12  | 25 |

|                    |             |
|--------------------|-------------|
| FORDING PURCHASING |             |
| DATE               |             |
| BY                 | [Signature] |
| FOR                |             |
| AMOUNT             |             |
| IN HAND            |             |
| PAY                |             |

**Terms:**

Payment due 30 days from receipt  
 Interest charged at 2% per month over 30 days  
 Make cheques payable to above address

TOTAL \$88,141.30

|                        | Code     | Dr.    | Cr. |
|------------------------|----------|--------|-----|
| Inter-Office Account   | 08-15800 | \$     | \$  |
| B.C. Sales Tax Payable | 08-15930 |        |     |
|                        | P5670120 | 7,978  | 50  |
|                        | C5653116 | 56,132 | 80  |
|                        | C5650120 | 24,030 | 00  |



# SDS DRILLING

DIVISION OF SDS INDUSTRIES LTD.  
4636 FIRST STREET S.E.  
CALGARY, ALBERTA T2G 2L3  
PHONE (403) 287-1460

Invoice No 1503

Date March 13, 1981

Client - Project No FC-34191

SDS - Job No PROJECT 225  
RIG 601-05

Fording Coal Limited,  
P. O. Box 100,  
ELKFORD, B. C.,  
VOB 1H0.

10

Billing Period February 13, 1981 To March 9, 1981. Location Greenhills

As per attached summary:

|  |            |
|--|------------|
| Drilling - 3,501 feet @ \$13.25 per foot | \$ 46,388. |
| Drilling - 110 feet @ \$17.75 per foot   | 1,952.     |
| Daywork - 23.5 Hours @ \$120.00 per hour | 2,820.     |

MAR 23 1981

HAB

BRP



05-C5290120 = 24065.75  
05-P5660120 = 16280.00  
05-P5670120 = 10815.00

MAR 19 '81

KK + PMD + DB

Terms:  
Payment due 30 days from receipt  
Interest charged at 2% per month over 30 days  
Make cheques payable to above address

TOTAL

\$ 51,160.75



# SDS DRILLING

DIVISION OF SDS INDUSTRIES LTD.  
4636 FIRST STREET S.E.  
CALGARY, ALBERTA T2G 2L3  
PHONE (403) 287-1460

Fording Coal Limited,  
P. O. Box 100,  
ELKFORD, B. C.,  
VOB 1H0.

**FOR DRILLING**  
MAR-91931  
**PURCHASING**

Invoice No 1488  
Date March 3, 1981.  
Client - Project No FC-34191  
SDS - Job No PROJECT 225  
RIG 601-06

Billing Period February 2, 1981 To February 11, 1981 Location GREENHILLS

Charges as per attached summary:

|  |              |
|--|--------------|
| Drilling - 1,650 feet @ \$13.25 per foot   | \$ 21,862.50 |
| Drilling - 151 feet @ \$17.75 per foot     | 2,680.25     |
| Daywork - 8.0 Hours @ \$120.00 per hour    | 960.00       |
| <b>CASING</b>                              |              |
| Russelsteel, Invoice No. 011097 (attached) | 573.35       |
| Plus 4 percent B. C. Sales Tax             | 22.96        |
| Plus 10 percent Handling Charge            | 59.59        |

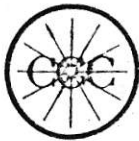
**FOR DRILLING PURCHASING**

|          |         |           |   |
|----------|---------|-----------|---|
| DATE     | 1-11-81 | SALES TAX |   |
| AMOUNT   |         | PAID      | ✓ |
| APPROVAL |         | APPROVAL  |   |

*OK* *[Signature]*

Terms:  
Payment due 30 days from receipt  
Interest charged at 2% per month over 30 days  
Make cheques payable to above address

TOTAL \$ 26,159.25



INVOICE

CENTURY GEOPHYSICAL CORPORATION OF CANADA  
P.O. BOX 5700, POSTAL STATION "A", CALGARY, ALBERTA T2H 1Y2

TELEPHONE 287-1111  
340 - 39th AVENUE SOUTHEAST

Fording Coal Limited  
Elk Valley, British Columbia.

ATTENTION: Ken Komenac

INVOICE DATE 81/08/31

INVOICE No 9285

TERMS: NET

| DESCRIPTION   | AMOUNT        |
|---|---------------|
| We DEBIT your account re: Surface Logging in the ELKFORD AREA OF BRITISH COLUMBIA, Unit # 7921, as follows: |               |
| <u>BASIC RATE:</u>  |               |
| \$12,300.00 per month x 100%  | \$ 12,300.00  |
| <u>METERAGE CHARGE:</u>   |               |
| 2647.3 meters (9055) x .48¢/metre   | \$ 1,270.70   |
| 626.2 meters (Dev) x .23¢/metre   | \$ 144.03     |
| <u>MISCELLANEOUS:</u>   |               |
| Fuel:   | \$ 19.53      |
| Break Day Reduction: 8 days x \$150.00/day  | \$ (1,200.00) |
| TOTAL.....  | \$ 12,534.26  |

Charge:

C5050500 - \$ 8,321.00  
C3651300 - \$ 4,213.00

Job No. 81-04-042  
81/09/08

*Handwritten signature and date:*  
81-04-23  
DRL





CENTURY GEOPHYSICAL CORPORATION OF CANADA

P.O. BOX 5700, POSTAL STATION "A", CALGARY, ALBERTA T2H 1Y2

340 - 39th AVENUE  
SOUTHEAST

Fording Coal Company  
Box 100  
Elkford, B.C.  
VOB 1H0.

INVOICE DATE 81/10/30

INVOICE N<sup>o</sup> 9376

ATTENTION: Ken Komenac

TERMS: N E T

| DESCRIPTION  | AMOUNT       |
|--|--------------|
| We DEBIT your account re: Surface Logging in the ELKFORD AREA OF BRITISH COLUMBIA, Unit #7717, as follows: |              |
| <u>BASIC RATE:</u>   |              |
| \$12,300.00 per month x 74%  | \$ 9,102.00  |
| <u>MEIERAGE CHARGE:</u>  |              |
| 1629.4 metres (DEV) x .23¢/metre   | \$ 374.76    |
| 4212.4 metres (9067) x .48¢/metre  | \$ 2,021.95  |
| <u>TAPES:</u>  |              |
| \$20.00 each x 8   | \$ 160.00    |
| <u>MISCELLANEOUS:</u>  |              |
| Fuel:  | \$ 220.26    |
| Food:  | \$ 14.05     |
| Break Day Reduction: 3 days x \$150.00/day   | \$ (450.00)  |
| TOTAL.....   | \$ 11,443.02 |

Job No. 82-04-012  
81/11/05

|  | Code              | Dr.   | Cr. |
|--|-------------------|-------|-----|
| Inter-Office Account                       | 08-15800          | \$    | \$  |
| B.C. Sales Tax Payable                     | 08-15930          |       |     |
|  | <del>P 5676</del> |       |     |
|  | P 5676910         | 912   | 00  |
|  | C 5650500         | 6,502 | 00  |
|  | C 5653500         | 7,029 | 02  |
| <p><i>P. W. Daignault</i><br/>81-11-17</p> |                   |       |     |



INVOICE

CENTURY GEOPHYSICAL CORPORATION OF CANADA  
P.O. BOX 5700, POSTAL STATION "A", CALGARY, ALBERTA T2H 1Y2

TELEPHONE 287-1110  
340 - 39th AVENUE  
SOUTHEAST

Fording Coal Ltd.  
Elk Valley  
British Columbia.

INVOICE DATE July 14, 1981  
INVOICE N° 9211

ATTENTION: K. Komenac

TERMS: N E T

DESCRIPTION AMOUNT

We DEBIT your account re: Services of Century Logging Unit #7921  
in the Elkford Area of BRITISH COLUMBIA, as follows:

|                 |                                |            |
|-----------------|--------------------------------|------------|
| Basic Rate:     | \$12,300.00 per month X 73%    | \$8,979.00 |
| Footage Charge: | 3387.0m (9067) x .48 per metre | 1,625.76   |
|                 | 1147.6m (Dev.) x .23 per metre | 263.95     |
| Miscellaneous:  | Fuel (7921,7911,7906)          | 288.69     |
|                 | food in transit (7911,7906)    | 31.95      |

TOTAL THIS INVOICE..... \$ 11,189.35

Job No. 814042  
81/07/14

OK  
*K. Komenac*  
*P. M. Raignault*  
81-07-21  
*P. M. Raignault*

| <u>Charge #</u> | <u>Amount.</u> |
|-----------------|----------------|
| C 5650500       | \$ 7223.17     |
| C 5654500       | 2173.98        |
| P-5652120       | 1272.57        |
| C 5651500       | 519.63         |



# Journal Voucher



ce Design Fac. Eng. & Projects

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

nth July 1 - 15, 1981

Do not use pencil to complete or sign this document.

| Date | Particulars--Do Not Key Punch         | Pre-Fix | Distribution Charge | Amount |  |    |          |
|------|---------------------------------------|---------|---------------------|--------|--|----|----------|
|      |                                       |         |                     |        |  |    |          |
|      |                                       | 19      | 22                  |        |  | 32 |          |
| H    |                                       |         |                     |        |  |    | 6,378.95 |
| H    | Fording Coal Limited                  | 0,5     | 08-11008            |        |  |    | 665.00   |
| H    | Edco Construction                     | 0,5     | 3130011             |        |  |    | 490.00   |
| H    | Canada Conveyor Belt                  | 0,5     | 4665                |        |  |    | 140.00   |
| H    | Matec Consultants                     | 0,5     | 98851               |        |  |    | 105.00   |
| H    | Century Geophysical 17 Days @ \$35    | 0,5     | C5650800            |        |  |    | 595.00   |
| H    | C.I.L.                                | 0,5     | 3240011             |        |  |    | 910.00   |
| H    | Monenco                               | 0,5     | 3810                |        |  |    | 630.00   |
| H    | Sparwood Electric                     | 0,5     | C4417012            |        |  |    | 980.00   |
| H    | Sparwood Decorating                   | 0,5     | 9082                |        |  |    | 385.00   |
| H    | Cominco Limited                       | 0,5     | C4230800            |        |  |    | 210.00   |
| H    | Skyline 120 HAD DAYS @ \$35.00/DAY    | 0,5     | C5650800            |        |  |    | 4200.00  |
| H    | Loram Construction                    | 0,5     | W036103             |        |  |    | 805.00   |
| H    | Tonto Drilling 101 DAYS @ \$35.00/DAY | 0,5     | C5650800            |        |  |    | 3535.00  |
| H    | Riv Quip                              | 0,5     | C4401123            |        |  |    | 105.00   |
| H    | Penkam Construction                   | 0,5     | C4400213            |        |  |    | 3605.00  |
| H    | Clansman Construction                 | 0,5     | 2024                |        |  |    | 70.00    |
| H    |                                       | 0,5     | 2420                |        |  |    | 35.00    |
| H    |                                       | 0,5     | 3710021             |        |  |    | 35.00    |
| H    |                                       | 0,5     | 3720020             |        |  |    | 35.00    |
| H    |                                       | 0,5     | 3740021             |        |  |    | 35.00    |
| H    |                                       | 0,5     | 4620                |        |  |    | 145.00   |
| H    |                                       | 0,5     | W030301             |        |  |    | 35.00    |
| H    |                                       | 0,5     | W033501             |        |  |    | 455.00   |

scription: 51

|           |   |   |    |    |
|-----------|---|---|----|----|
| reference | J | E | Mo | No |
| number    | J | E |    |    |

|        |  |          |  |
|--------|--|----------|--|
| Signed |  | Approved |  |
|        |  |          |  |

# Journal Voucher



Office Design Fac. Eng. & Projects

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month July 16 - 31, 1981

Do not use pencil to complete or sign this document.

| Card<br>No | Particulars—Do Not Key Punch -         | Pre-<br>Fix | Distribution<br>Charge | Amount |    |       |    |
|------------|--|-------------|------------------------|--------|----|-------|----|
|            |  |             |                        | 19     | 22 | 32    |    |
| H          | CLANSMAN CONSTRUCTION LIMITED          | 0,5         | P 5 2 0 2 2 0 0        |        |    | 9 9 0 | 00 |
| H          | PENKAM CONSTRUCTION LIMITED            | 0,5         | C 4 4 0 0 2 1 3        |        | 4  | 2 7 5 | 00 |
| H          | SKYLINE 113 DAYS @ \$45.00/DAY         | 0,5         | C 5 6 5 0 8 0 0        |        | 5  | 0 8 5 | 00 |
| H          | LORAM CONSTRUCTION                     | 0,5         | W 0 3 6 1 0 3          |        | 3  | 1 9 5 | 00 |
| H          | TONIO-DRILLING 138 DAYS @ \$45.00/DAY  | 0,5         | C 5 6 5 0 8 0 0        |        | 6  | 2 1 0 | 00 |
| H          | FORDING COAL LIMITED                   | 0,8         | 1 1 0 0 8              |        | 1  | 4 1 4 | 04 |
| H          | FORDING COAL LIMITED                   | 0,5         | 2 1 2 0                |        | 8  | 1 2 5 | 96 |
| H          | RIV QUIP                               | 0,5         | C 4 4 0 1 1 2 3        |        |    | 9 0 0 | 00 |
| H          | CENTURY GEOPHYSICAL 23 DAYS @ \$45/DAY | 0,5         | C 5 6 5 0 8 0 0        |        | 1  | 0 3 5 | 00 |
| H          | SPARWOOD DECORATING                    | 0,5         | 9 0 8 2                |        |    | 6 3 0 | 00 |
| H          | SPARWOOD ELECTRIC                      | 0,5         | C 4 4 1 7 0 1 2        |        | 1  | 0 8 0 | 00 |
| H          | C. I. L.                               | 0,5         | 3 2 4 0 0 1 1          |        |    | 7 2 0 | 00 |
| H          | INVOICE #016059                        | 0,5         | 3 2 4 0 0 1 1          |        |    | 2 0 0 | 00 |
| H          | INVOICE #016060                        | 0,5         | 3 8 1 0                |        |    | 4 0 0 | 00 |
| H          | INVOICE #016061                        | 0,5         | 3 8 1 0                |        |    | 4 0 0 | 00 |
| H          | INVOICE #016062                        | 0,5         | W 0 3 0 3 0 1          |        |    | 4 0 0 | 00 |
| H          | INVOICE #016063                        | 0,5         | 4 6 6 5                |        |    | 2 0 0 | 00 |
| H          | INVOICE #016064                        | 0,5         | C 4 4 1 1 4 5 2        |        |    | 2 0 0 | 00 |
| H          | INVOICE #016065                        | 0,5         | 3 7 1 0                |        |    | 4 0 0 | 00 |
| H          | INVOICE #016066                        | 0,9         | 2 1 1 4                |        |    | 2 0 0 | 00 |
| H          | INVOICE #016067                        | 0,5         | W 0 6 0 1 0 1          |        | 1  | 2 0 0 | 00 |
| H          | INVOICE #016068 & Overhead             | 0,5         | P 5 2 0 2 2 0 0        |        |    | 2 0 0 | 00 |
| H          | INVOICE #016069 & Overhead             | 0,5         | P 5 2 0 2 2 0 0        |        |    | 4 0 0 | 00 |
| H          | INVOICE #016070 & Overhead             | 0,5         | W 0 3 0 3 0 1          |        |    | 1 7 6 | 54 |

Description: 51

|           |   |   |    |    |
|-----------|---|---|----|----|
| Reference | J | E | Mo | No |
| Number    | J | E |    |    |

|        |  |          |  |
|--------|--|----------|--|
| Signed |  | Approved |  |
|        |  |          |  |

# Journal Voucher



Office: Design Fac. Eng. & Projects

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month: August 1 - 15, 1981

Do not use pencil to complete or sign this document.

| Particulars—Do Not Key Punch                     | Pre-Fix        | Distribution Charge        | Amount                |
|--|----------------|----------------------------|-----------------------|
|  | 19             | 22                         | 32                    |
|  |                |                            | 6 7 1 0 7 03          |
| Sparwood Electric                                | 0 5            | C 4 4 1 7 0 1 2            | 6 7 5 00              |
| <del>Century Geophysical 15 Days @ \$45</del>    | <del>0 5</del> | <del>C 5 6 5 0 8 0 0</del> | <del>6 7 5 00</del>   |
| C. I. L.   | 0 5            | 3 2 4 0 0 1 1              | 9 0 0 00              |
| Sparwood Decorating                              | 0 5            | 9 0 8 2                    | 6 7 5 00              |
| Riv Quip   | 0 5            | C 4 4 0 1 1 2 3            | 8 5 5 00              |
| Fording Coal Limited                             | 0 8            | 1 1 0 0 8                  | 1 0 0 7 17            |
|  | 0 5            | 2 1 2 0                    | 5 7 8 7 83            |
| H. S. Clark Mining                               | 0 5            | 3 8 1 0                    | 2 2 5 00              |
| Associated Mining Consultants                    | 0 5            | 3 8 1 0                    | 4 9 5 00              |
| Loram  | 0 5            | W 0 3 6 1 0 3              | 3 3 7 5 00            |
| <del>Tonto Drilling 107 Days @ \$45.00/DAY</del> | <del>0 5</del> | <del>C 5 6 5 0 8 0 0</del> | <del>4 8 1 5 00</del> |
| Penkam   | 0 5            | C 4 4 0 0 2 1 3            | 5 4 0 0 00            |
| <del>Skyline 19 MAN DAYS @ \$45.00/DAY</del>     | <del>0 5</del> | <del>C 5 6 5 0 8 0 0</del> | <del>5 3 5 5 00</del> |
| Setter Mechanical                                | 0 5            | 2 4 2 0                    | 1 3 5 00              |
|  | 0 5            | 2 4 5 0                    | 2 2 5 00              |
|  | 0 5            | 4 2 2 6                    | 3 1 5 00              |
|  | 0 5            | 4 3 2 6                    | 3 0 1 5 00            |
|  | 0 5            | 4 4 2 6                    | 2 2 5 00              |
|  | 0 5            | 4 8 2 6                    | 3 1 5 00              |
|  | 0 5            | 4 8 9 5                    | 4 5 00                |
|  | 0 5            | 3 7 2 0 0 2 0              | 4 0 5 00              |
|  | 0 5            | 9 0 8 1                    | 4 5 00                |
|  | 0 5            | 9 2 8 0 2 6 1              | 9 0 00                |

Description: 51

|                  |   |   |    |    |
|------------------|---|---|----|----|
| Reference Number | J | E | Mo | No |
|                  | J | E |    |    |

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| Signed | Approved |
|        |          |

# Journal Voucher



Office Design Fac. Enq. & Projects

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month August 16 - 31, 1981

Do not use pencil to complete or sign this document.

| Date | Particulars—Do Not Key Punch                    | Pre-Fix       | Distribution Charge        | Amount |              |                  |                |
|------|---|---------------|----------------------------|--------|--------------|------------------|----------------|
|      |   |               |                            |        |              |                  |                |
|      |   | 19            | 22                         |        | 72           | 781              | 52             |
| H    |   |               |                            |        |              |                  |                |
| H    | Fording Coal Limited                            | 08            | 1 1 0 0 8                  |        |              | 7 8 7            | 0 6            |
| H    |   | 05            | 2 1 2 0                    |        | 4            | 5 2 2            | 9 4            |
| H    | C. I. L.  | 05            | 3 2 4 0 0 1 1              |        | 1            | 4 4 0            | 0 0            |
| H    | Riv Quip  | 05            | C 4 4 0 1 1 2 3            |        | 1            | 4 4 0            | 0 0            |
| H    | Sparwood Electric                               | 05            | C 4 4 1 7 0 1 2            |        | 1            | 2 6 0            | 0 0            |
| H    | Sparwood Decorating                             | 05            | 9 0 8 2                    |        |              | 6 3 0            | 0 0            |
| H    | Boundary Mechanical                             | 05            | C 4 4 0 2 0 0 1            |        |              | 7 6 5            | 0 0            |
| H    | <del>Coalex 24 MAN DAYS @ \$45.00/DAY</del>     | <del>05</del> | <del>C 5 6 5 0 8 0 0</del> |        | <del>1</del> | <del>0 8 0</del> | <del>0 0</del> |
| H    | <del>Century Geophysical 15 DAYS @ \$45</del>   | <del>05</del> | <del>C 5 6 5 0 8 0 0</del> |        | <del>6</del> | <del>7 5</del>   | <del>0 0</del> |
| H    | Loram Construction                              | 05            | W, 0, 3, 6, 1, 0, 3        |        | 2            | 7 4 5            | 0 0            |
| H    | <del>Tonto Drilling 16 DAYS @ \$45.00/DAY</del> | <del>05</del> | <del>C 5 6 5 0 8 0 0</del> |        | <del>7</del> | <del>2 4 5</del> | <del>0 0</del> |
| H    | Arrow Transport                                 | 05            | C 4 6 6                    |        | 1            | 0 8 0            | 0 0            |
| H    | Penkam Construction Limited                     | 05            | C 4 4 0 0 2 1 3            |        | 5            | 2 6 5            | 0 0            |
| H    | <del>Skyline 5 MAN DAYS @ \$45.00/DAY</del>     | <del>05</del> | <del>C 5 6 5 0 8 0 0</del> |        | <del>2</del> | <del>6 1 0</del> | <del>0 0</del> |
| H    | C. A. E. Equipment                              | 05            | 9 8 9 0 3                  |        |              | 1 8 0            | 0 0            |
| H    | Setter Mechanical                               | 05            | 3 7 1 0 0 9 7              |        |              | 4 5              | 0 0            |
| H    |   | 0,5           | 3 7 5 0 0 2 4              |        | 1            | 0 8 0            | 0 0            |
| H    |   | 0,5           | 4 4 2 5                    |        |              | 4 5              | 0 0            |
| H    |   | 0,5           | 9 0 7 4                    |        |              | 4 0 5            | 0 0            |
| H    |   | 0,5           | 9 0 8 1                    |        | 1            | 5 3 0            | 0 0            |
| H    |   | 0,5           | C 4 4 0 0 3 0 8            |        |              | 5 8 5            | 0 0            |
| H    |   | 0,5           | C 4 4 1 7 0 1 2            |        |              | 2 7 0            | 0 0            |
| H    |   | 0,5           | C 4 8 0 2 0 1 0            |        | 2            | 0 2 5            | 0 0            |

Description: 51

|           |   |   |    |    |
|-----------|---|---|----|----|
| Reference | J | E | Mo | No |
| Number    | J | E |    |    |

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| Signed |  | Approved |  |
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# Voucher



PROJECT ENGINEERING

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

th SEPTEMBER 1 - 15, 1981

Do not use pencil to complete or sign this document.

| rd<br>de | Particulars—Do Not Key Punch       | Pre-Fix        | Distribution Charge        | Amount |              |                  |               |
|----------|------------------------------------|----------------|----------------------------|--------|--------------|------------------|---------------|
|          |                                    |                |                            |        |              |                  |               |
|          |                                    | 19             | 22                         | 32     |              |                  |               |
| H        | SPARWOOD DECORATING LIMITED        | 0,5            | 9 0 8 2                    |        |              | 6,7,5            | 00            |
| H        | GENTURY GEOPHYSICAL 15 DAYS @ \$45 | 0,5            | C 5 6 5 0 8 0 0            |        |              | 6,7,5            | 00            |
| H        | COALEX 25 HAN DAYS @ \$45.00/DAY   | 0,5            | C 5 6 5 0 8 0 0            |        | 1            | 1,2,5            | 00            |
| H        | C. I. L.                           | 0,5            | 3 2 4 0 0 1 1              |        |              | 1 0 3 5          | 00            |
| H        | SYNFLEX                            | 0,5            | C 4 4 0 0 2 1 3            |        |              | 1,3,5            | 00            |
| H        | BOUNDARY MECHANICAL                | 0,5            | C 4 4 0 2 0 0 1            |        |              | 4,5,0            | 00            |
| H        | SKYLINE 51 HAN DAYS @ \$45.00/DAY  | 0,5            | C 5 6 5 0 8 0 0            |        | 2            | 2,9,5            | 00            |
| H        | INVOICE #12207                     | 0,5            | W 0 3 0 3 0 1              |        |              | 1 6,0,0          | 00            |
| H        | 12207                              | 0,5            | P 5 2 0 2 1 0 0            |        |              | 1 6,0,0          | 00            |
| H        | 12207                              | 0,5            | C 4 4 1 3 7 0 2            |        |              | 1 6,0,0          | 00            |
| H        | 12207                              | 0,5            | P 5 2 0 0 5 2 0            |        | 2            | 2,0,0            | 00            |
| H        | 12207                              | 0,5            | 9,0,9 0                    |        |              | 1 6,0,0          | 00            |
| H        | 12201 & OVERHEAD                   | 0,5            | C 4 4 0 0 2 1 3            |        | 2            | 3,7,4            | 82            |
| H        | 12202 & OVERHEAD                   | 0,5            | 4,3,2 6                    |        |              | 1,7,1            | 03            |
| H        | <del>12203 &amp; OVERHEAD</del>    | <del>0,5</del> | <del>C 5 6 5 0 8 0 0</del> |        | <del>4</del> | <del>1,9,5</del> | <del>15</del> |
| H        | 12204 & OVERHEAD                   | 0,5            | C 4 4 0 1 1 2 3            |        |              | 4,7,9            | 18            |
| H        | 12205 & OVERHEAD                   | 0,5            | C 4 4 0 1 1 2 3            |        |              | 5,1,1            | 70            |
| H        | 12206 & OVERHEAD                   | 0,5            | P 5 2 0 2 2 0 0            |        |              | 5,7,3            | 48            |
| H        | 12208 & OVERHEAD                   | 0,5            | W 0 3 0 3 0 1              |        |              | 1,3,0            | 37            |
| H        | 12209 & OVERHEAD                   | 0,5            | 4,3,2 6                    |        |              | 2,5,8            | 95            |
| H        | 12210 & OVERHEAD                   | 0,5            | 4,3,2 6                    |        |              | 2,1,6            | 73            |
| H        | 12211 & OVERHEAD                   | 0,5            | P 5 2 0 2 2 0 0            |        | 2            | 1,8,6            | 89            |

Description: 51

|           |   |   |    |    |
|-----------|---|---|----|----|
| Reference | J | E | Mo | No |
| Number    | J | E |    |    |

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| Signed |  | Approved |  |
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Final Voucher



Office PROJECT ENGINEERING

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

Month OCTOBER 1 - 15

Do not use pencil to complete or sign this document.

| Card Code | Particulars—Do Not Key Punch  | Pre-Fix | Distribution Charge |    | Amount  |     |
|-----------|-------------------------------|---------|---------------------|----|---------|-----|
|           |                               |         | 19                  | 22 | 32      |     |
| RH        | SETTER MECHANICAL LIMITED     | 0,5     | 4,3,2,6             |    | 0,7,0   | 0,0 |
| RH        |                               | 0,5     | W 0,3,8,3,0,1       |    | 9,0     | 0,0 |
| RH        |                               | 0,5     | C,4,4,1,5,9,0,2     |    | 7,5,5   | 0,0 |
| RH        |                               | 0,5     | 2,3,3,5             |    | 4,5,0   | 0,0 |
| RH        |                               | 0,5     | 4,4,2,6             |    | 3,6,0   | 0,0 |
| RH        |                               | 0,5     | P,5,2,0,0,5,2,0     |    | 7,5,5   | 0,0 |
| RH        | CULLENS DIESEL                | 0,5     | 9,2,1,3,9,2,6       |    | 1,7,0   | 0,0 |
| RH        | CENTURY GEOPHYSICAL 4         | 0,5     | C,5,6,5,0,8,0,0     |    | 1,8,0   | 0,0 |
| RH        | BOUNDARY MECHANICAL           | 0,5     | C,4,4,0,0,3,0,8     |    | 1,3,5   | 0,0 |
| RH        | SHANNAHANS                    | 0,5     | C,4,4,0,0,3,0,8     |    | 1,8,0   | 0,0 |
| RH        | FORDING COAL LIMITED          | 0,5     | 0,8,1,1,0,0,8       |    | 4,9,5   | 0,0 |
| RH        | DIACHEM INDUSTRIES            | 0,5     | 9,6,0,0,1,2,2       |    | 3,9,5   | 0,0 |
| RH        | HARDY & ASSOCIATES            | 0,5     | P,5,2,0,0,5,0,5     |    | 4,5,0   | 0,0 |
| RH        | MARION POWER SHOVEL           | 0,5     | P,5,2,0,0,5,0,5     |    | 9,0     | 0,0 |
| RH        | TONTO DRILLING 222            | 0,5     | C,5,6,5,0,8,0,0     |    | 9,9,0   | 0,0 |
| RH        | HANSON M. ENGINEERING         | 0,5     | P,5,2,0,0,5,0,5     |    | 3,1,5   | 0,0 |
| RH        | INTERIOR CONSTRUCTION LIMITED | 0,5     | W,0,3,6,9,0,1       |    | 6,5,7,0 | 0,0 |
| RH        | S. D. S. DRILLING 25          | 0,5     | C,5,6,5,0,8,0,0     |    | 1,2,5   | 0,0 |
| RH        | COALEX                        | 0,5     | C,5,6,5,0,8,0,0     |    | 2,1,6,0 | 0,0 |
| RH        | ELKFORD INDUSTRIES            | 0,5     | C,4,4,0,0,2,1,3     |    | 1,3,5   | 0,0 |
| RH        | RIV OUIP                      | 0,5     | C,4,4,0,1,1,2,3     |    | 9,0     | 0,0 |
| RH        | LORAM                         | 0,5     | W,0,3,2,1,0,1       |    | 0,3,5   | 0,0 |
| RH        | SPARWOOD ELECTRIC LIMITED     | 0,5     | C,4,4,0,0,2,1,3     |    | 2,0,2,5 | 0,0 |
| RH        | SPARWOOD DECORATING LIMITED   | 0,5     | C,5,6,5,0,8,0,0     |    | 6,7,5   | 0,0 |

34,695.00

ASC Description: 51

|                |   |   |    |    |
|----------------|---|---|----|----|
| Reference      | J | E | Mo | No |
| Account Number | J | E |    |    |

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Voucher



PROJECT ENGINEERING

Note: Sufficient description required to identify the transaction.  
Use abbreviations where possible.

with OCTOBER 16 - 31, 1981.

Do not use pencil to complete or sign this document.

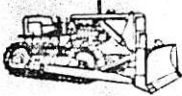
| Card Code | Particulars—Do Not Key Punch | Pre-Fix | Distribution Charge               | Amount              |
|-----------|------------------------------|---------|-----------------------------------|---------------------|
|           |                              | 19      | 22                                | 32                  |
| H         |                              |         |                                   | 18.9 9,684.9        |
| H         | CLANSMAN CONSTRUCTION LTD.   | 0.5     | N, R, 4, 6, 7                     | 2,700.00            |
| H         |                              | 0.5     | N, R, 4, 3, 6                     | 4,500.00            |
| H         |                              | 0.5     | 4, 0, 6, 6                        | 2,700.00            |
| H         |                              | 0.5     | 9, 2, 2, 0, 0, 6, 4               | 1,800.00            |
| H         |                              | 0.5     | 4, 0, 9, 5                        | 2,700.00            |
| H         |                              | 0.5     | 3, 7, 4, 0, 0, 2, 1               | 9,000.00            |
| H         |                              | 0.5     | W, 0, 3, 7, 5, 0, 1               | 3,600.00            |
| H         |                              | 0.5     | 4, 8, 2, 0                        | 4,500.00            |
| H         |                              | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 3,600.00            |
| H         | SHERRIFF GORDON MINES        | 0.5     | 9, 0, 1, 0                        | 4,500.00            |
| H         | DIACHEM                      | 0.5     | 9, 6, 0, 0, 1, 2, 2               | 6,300.00            |
| H         | ENERPAC                      | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 4,500.00            |
| H         | HYDRAULIC TOOL SUPPLY        | 0.5     | 9, 0, 1, 0                        | 4,500.00            |
| H         | COALEX <i>36</i>             | 0.5     | <del>C, 5, 6, 5, 0, 8, 0, 0</del> | <del>1,620.00</del> |
| H         | FORDING COAL LIMITED         | 0.5     | 1, 1, 0, 0, 8                     | 5,850.00            |
| H         | HANSON M. ENGINEERING        | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 4,500.00            |
| H         | SPARWOOD DECORATING          | 0.5     | 9, 0, 8, 2                        | 7,200.00            |
| H         | CUMMINS DIESEL               | 0.5     | 9, 8, 5, 1, 5                     | 6,750.00            |
| H         | SUNN EQUIPMENT LTD.          | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 4,500.00            |
| H         | BLAIRMORE PRECISION          | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 9,000.00            |
| H         | GLOBAL CONSTRUCTION          | 0.5     | P, 5, 2, 0, 0, 5, 2, 0            | 4,050.00            |
| H         | S. D. S. DRILLING <i>84</i>  | 0.5     | C, 5, 6, 5, 0, 8, 0, 0            | 3,780.00            |
| H         | RIV-QUIP                     | 0.5     | C, 4, 4, 0, 1, 1, 2, 3            | 4,050.00            |

11,430.00

Description: 51

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| Signed |  | Approved |  |
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INVOICE #292

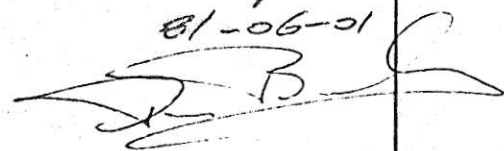
Rudy A. Johnson  
Contracting Ltd.

Date June 1<sup>st</sup> 81

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

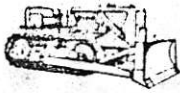
Order No. FC 34421

Leading Coal Ltd.,  
P.O. Box 100,  
Elkford, B.C.

| Job No. | Description  | Price      |
|---------|--|------------|
|         | Rental DBK, SERIAL #7712420<br>at \$92.12 per hour.  |            |
|         | Eagle - 58 hrs.  | \$5,342.96 |
|         | Charge - C5650200<br>ok K/H/c<br>P. M. Daigault<br>81-06-01<br> |            |

TOTAL \$5,342.96





**RUDY A. JOHNSON CONTRACTING LTD.**

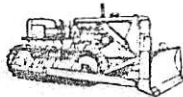
R.R. 1  
SPARWOOD, B.C.  
VOB 2G0

PHONE: 425-2424

|                  |           |
|------------------|-----------|
| INVOICE          | 271       |
| DATE             | Feb. 2/81 |
| CUSTOMER'S ORDER |           |
|                  | FC 34421  |
| TERMS            |           |

Fording Coal Ltd.,  
Box 100,  
Elkford, B.C.

|   |           |
|---|-----------|
| Rental D8K, SERIAL #7702420<br>at \$92.12 per hour.<br>NORTH GREENHILLS - 5 hours | \$ 460.60 |
| C 5290200   |           |
| Total   | \$ 460.60 |



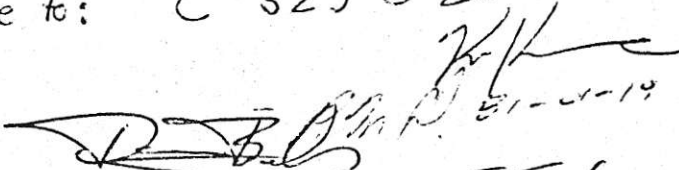
**RUDY A. JOHNSON CONTRACTING LTD.**

R.R. 1  
SPARWOOD, B.C.  
VOB 2G0

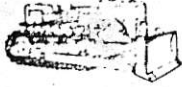
PHONE: 425-2424

|                  |            |
|------------------|------------|
| INVOICE          | 267        |
| DATE             | JAN. 19/81 |
| CUSTOMER'S ORDER |            |
|                  | FC 34421   |
| TERMS            |            |

Fording Coal Ltd.,  
Box 100,  
Elkford, B.C.

|   |            |
|---|------------|
| Rental D8K, SERIAL #7702420<br>at \$92.12 per hour.<br>NORTH GREENHILLS - 26 hours.             | \$ 2395.12 |
| Charge to: C 5290200  |            |
| <br>51-1-19 |            |
| Total   | \$ 2395.12 |

INVOICE # 276




Rudy A. Johnson  
Contracting Ltd.

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

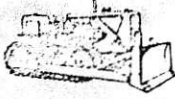
Date MAR. 2/81

Order No. FC 34421

Landing Coal Rd.,  
P.O. Box 100,  
Elford, B.C.

| Job No. | Description  | Price  |
|---------|--|--------|
|         | Rental D8K, SERIAL # 7702420<br>at \$92.12 per hour  |        |
|         | NORTH GREEN HILLS - 6 hours  | 552.72 |
|         | <br>Chye: <u>5290200</u> |        |
|         | TOTAL  | 552.72 |

INVOICE #308



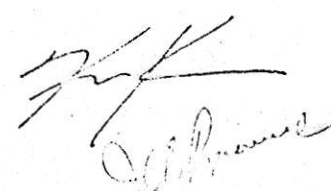
Rudy A. Johnson  
Contracting Ltd.

P.O. Box 1977  
R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Date Aug. 17/81

Order No. LC 34121

Fording Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No.  | Description   | Price    |
|--|---|----------|
|  | RENTAL D8K at \$105.56 per hour<br><br>LAKE MOUNTAIN - 7 1/2 hrs. | \$791.70 |
| C5651200<br> |   |          |
| TOTAL  |   | \$791.70 |

INVOICE # 312



Rudy A. Johnson  
Contracting Ltd.

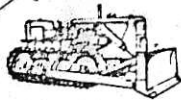
R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Date Sept. 1/81

Order No. FC 34421

Feeding Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No. | Description  | Price          |
|---------|--|----------------|
|         | RENTAL D8K at \$105.50 per hr.<br>Lake Mountain - 3 hrs. | \$316.68       |
|         | C 5051200  |                |
|         |  |                |
|         |  | TOTAL \$316.68 |



INVOICE #297

Rudy A. Johnson  
Contracting Ltd.

Date June 16/81

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Order No. FC34421

Fording Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No.   | Description                      | Price            |
|---|----------------------------------|------------------|
|   | RENTAL D8K at \$105.56 per hour. |                  |
|   | Upper Clode Ck. - 24 1/2         | \$2586.22        |
| <u>C 5654200</u>  |                                  |                  |
| OK <i>[Signature]</i><br><i>P. M. [Signature]</i><br>81-06-18<br><i>[Signature]</i> |                                  | TOTAL \$2,586.22 |

INVOICE

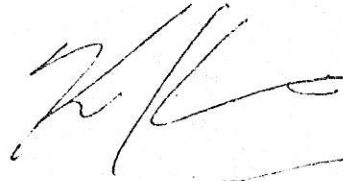
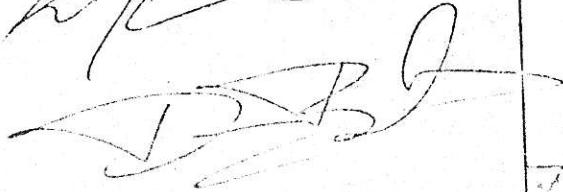


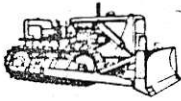
Rudy A. Johnson  
Contracting Ltd.  
Box 1977  
P.O. Box 1977, Greenwood, B.C. V0B 2G0 Telephone 425-2424

Date Nov. 2/81

Order No. LC 34921

Leading Coal Ltd.  
Box 100,  
Ellwood, B.C.

| Job No.   | Description   | Price   |
|---|---|---------|
|   | Rentak DEK at \$105.56 per hr.<br><br>South Greenhills — 9 hrs. | \$ 950. |
| C-5650 <sup>3</sup> 200<br><br> |   |         |
| TOTAL   |   | \$ 950. |



INVOICE # 291

Rudy A. Johnson  
Contracting Ltd.

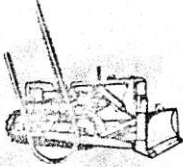
Date May 19/81

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Order No. FC-34421

Feeding Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No. | Description   | Price             |
|---------|---|-------------------|
|         | RENTAL D8K, SERIAL #7702420<br>at \$92.12 per hour.                       |                   |
|         | Eagle 104 hours. at \$92.12   | \$ 9,580.48       |
|         | Charge:<br><u>C 5650200</u>   |                   |
|         | OK <i>[Signature]</i><br>P.M. Daugrauld<br>81-05-19<br><i>[Signature]</i> |                   |
|         |   | TOTAL \$ 9,580.48 |



INVOICE #322

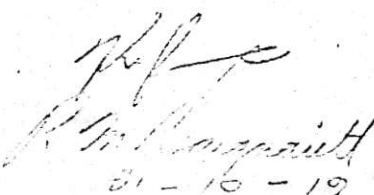
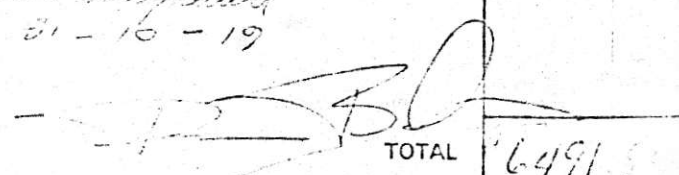
Rudy A. Johnson  
Contracting Ltd.

PO Box 1977  
B.R. + Sparwood, B.C. V0B 2G0 Telephone 425-2424

Date Oct. 19/81

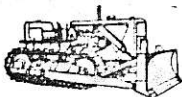
Order No. FC-340/21

Lording Cook Ltd.  
P.O. Box 100  
Elkford, B.C.

| Job No. | Description  | Price     |
|---------|--|-----------|
|         | Rental DSK at \$105.56 per hr.   |           |
|         | Eagle - 6 1/2 hrs  | \$6491.94 |
|         | C565 0 200   |           |
|         | <br>R. M. Langmuir<br>81-10-19 |           |
|         | <br>TOTAL                      | \$6491.94 |



INVOICE #319




Rudy A. Johnson  
Contracting Ltd.

PO Box 1977  
R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Date Sept. 1/81

Order No. FC 34421

Fording Corp Ltd.,  
Box 10,  
Elkford, BC

| Job No. | Description  | Price     |
|---------|--|-----------|
|         | Rental D8K at \$105.56 per hr.   |           |
|         | Eagle - 89 1/2 hrs.  | \$9447.62 |
|         | C5650200   |           |
|         |  |           |

TOTAL \$9447.62



INVOICE #301

Rudy A. Johnson  
Contracting Ltd.

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Date July 1/81

Order No. FC34421

Leasing Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No. | Description   | Price           |
|---------|---|-----------------|
|         | RENTAL D8K at \$105.56 per hour.<br>South Eagle - 48 hrs. | \$5066.88       |
|         | <u>C5650200</u><br><br>K.K.<br>R.M. Raymond<br>8107-02    |                 |
|         |   | TOTAL \$5066.88 |



INVOICE

#302

Rudy A. Johnson  
Contracting Ltd.

Date July 15/81

R.R. 1 Sparwood, B.C. V0B 2G0 Telephone 425-2424

Order No. FC 34421

Fording Coal Ltd.,  
Box 100,  
Elkford, B.C.

| Job No. | Description                       | Price      |
|---------|-----------------------------------|------------|
|         | RENTAL D8K, at \$105.56 per hour. |            |
|         | South Eagle - 87 hours.           | \$9,183.72 |



Charged

C5650200

OK

*[Signature]*  
P. M. Daignault

81-07-18

TOTAL \$9,183.72

*[Signature]*

iii) Pro-rated Cost per Individual Licence

|           | <u>Coal Licence Group</u> | <u>Coal Licence Number</u> | <u>Pro-rated Cost</u> |
|-----------|---------------------------|----------------------------|-----------------------|
|           | 196                       | 511                        | \$ 18,600             |
| Sub-Total | 196                       |                            | \$ 18,600             |
|           | 197                       | 340                        | \$141,570             |
| Sub-Total | 197                       |                            | \$141,570             |
|           | 227                       | 342                        | \$ 12,400             |
|           |                           | 343                        | \$ 18,850             |
|           |                           | 348                        | \$157,350             |
|           |                           | 353                        | \$ 66,550             |
| Sub-Total | 227                       |                            | \$255,150             |
| TOTAL     |                           |                            | <u>\$415,320</u>      |