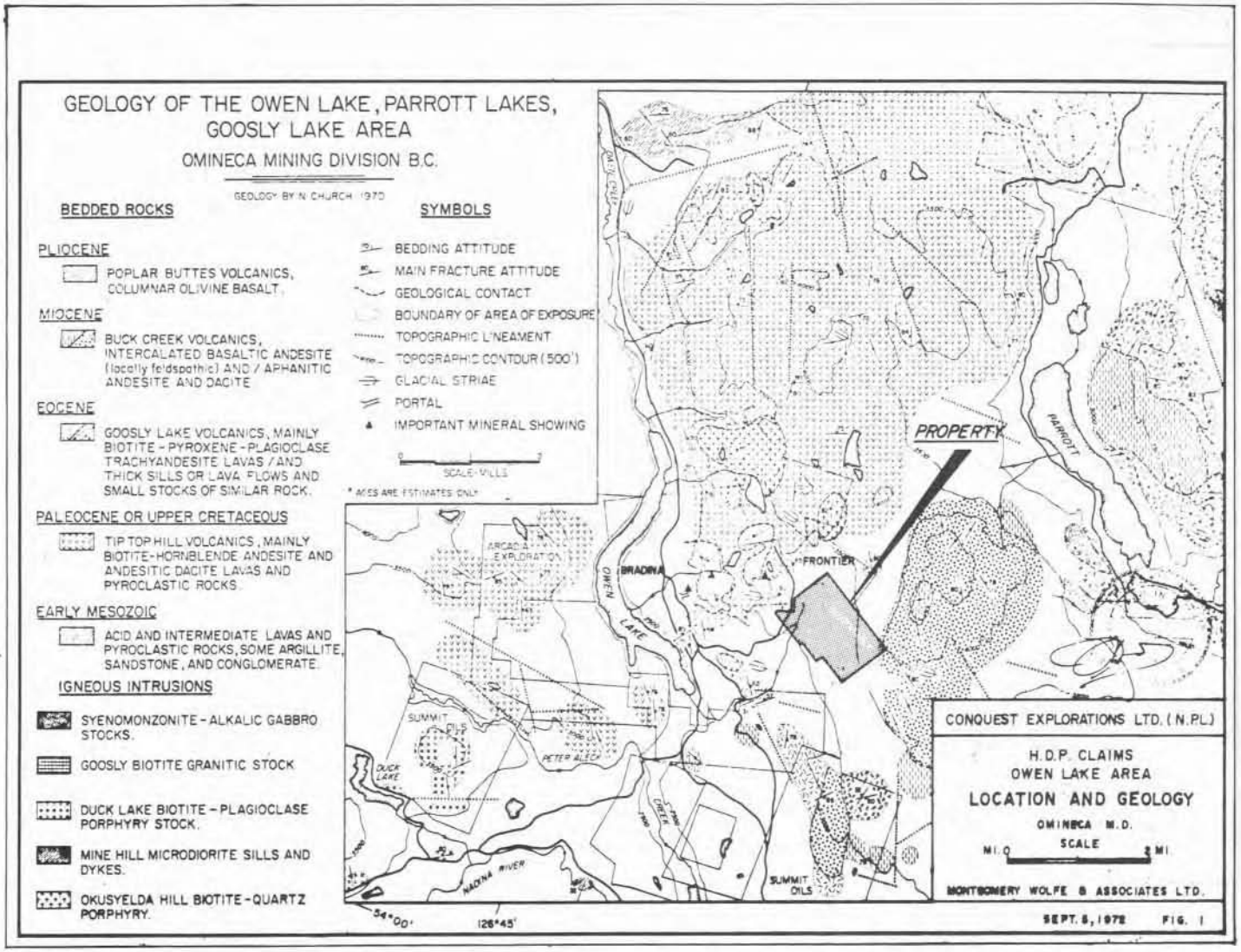
Approximately 12.8 miles line cutting	$5625.97
25 working days at $35.00 a day per man	3500.00
A. Harris line cutting	
C. Haughan line cutting	
S. Crockford line cutting	
R. Harris Truck driver and cook	
Board and Accommodation $12.00 /day / man	1440.00
Truck Rental ½ ton $20.00 per day x 30	600.00
Gas oil and repairs	85.97
TOTAL	$5625.97

		Total Years
H.D.P. No's 1/24 Record No's	59652/75	24
H.D.P. Fraction #25	93824	1
H.D.P. #26/27	93825/6	2
	Total	27

Lines cut at 400 foot intervals East to West.

The work was performed between May 7th 1974 to June 4 th 1974. Extremely adverse conditions existed this year due to heavy snow pack, soft snow 2 to 3 feet deep which at least doubled the time it would take to do the same amount of work in a normal spring. The present conditions in the mining industry made it impossible to hire an engineer to supervise the work, as it is impossible to raise capital for Exploration and we have had to work with what we had.

Compiled by R. R. Harris


GEOLOGY OF THE OWEN LAKE, PARROTT LAKES, GOOSLY LAKE AREA
OMINECA MINING DIVISION B.C.
GEOLOGY BY N. CHURCH 1970
BEDDED ROCKS
PLIOCENE
POPLAR BUTTES VOLCANICS, COLUMNAR OLIVINE BASALT.
MIOCENE
BUCK CREEK VOLCANICS, INTERCALATED BASALTIC ANDESITE (locally feldspathic) AND / APHANITIC ANDESITE AND DACITE
EOCENE
GOOSLY LAKE VOLCANICS, MAINLY BIOTITE - PYROXENE - PLAGIOCLASE TRACHYANDESITE LAVAS / AND THICK SILLS OR LAVA FLOWS AND SMALL STOCKS OF SIMILAR ROCK.
PALEOCENE OR UPPER CRETACEOUS
TIP TOP HILL VOLCANICS, MAINLY BIOTITE-HORNBLENDE ANDESITE AND ANDESITIC DACITE LAVAS AND PYROCLASTIC ROCKS.
EARLY MESOZOIC
ACID AND INTERMEDIATE LAVAS AND PYROCLASTIC ROCKS, SOME ARGILLITE, SANDSTONE, AND CONGLOMERATE.
IGNEOUS INTRUSIONS
SYENOMONZONITE - ALKALIC GABBRO STOCKS.
GOOSLY BIOTITE GRANITIC STOCK
DUCK LAKE BIOTITE - PLAGIOCLASE PORPHYRY STOCK.
MINE HILL MICRODIORITE SILLS AND DYKES.
OKUSYELDA HILL BIOTITE - QUARTZ PORPHYRY.
SYMBOLS
BEDDING ATTITUDE
MAIN FRACTURE ATTITUDE
GEOLOGICAL CONTACT
BOUNDARY OF AREA OF EXPOSURE
TOPOGRAPHIC LINEAMENT
TOPOGRAPHIC CONTOUR (500')
GLACIAL STRIAE
PORTAL
IMPORTANT MINERAL SHOWING
SCALE: MILLS
* ALES ARE ESTIMATES ONLY
PROPERTY
FRONTIER
BRADINA
ARCADA EXPLORATION
OWEN LAKE
PARROTT
SUMMIT CLAIMS
DUCK LAKE
PETER ALEX
NADINA RIVER
54°00'
126°45'
CONQUEST EXPLORATIONS LTD. (N.P.L.)
H.D.P. CLAIMS
OWEN LAKE AREA
LOCATION AND GEOLOGY
OMINECA M.D.
SCALE
MI. 0
2 MI
MONTGOMERY WOLFE & ASSOCIATES LTD.
SEPT. 8, 1972
FIG. 1

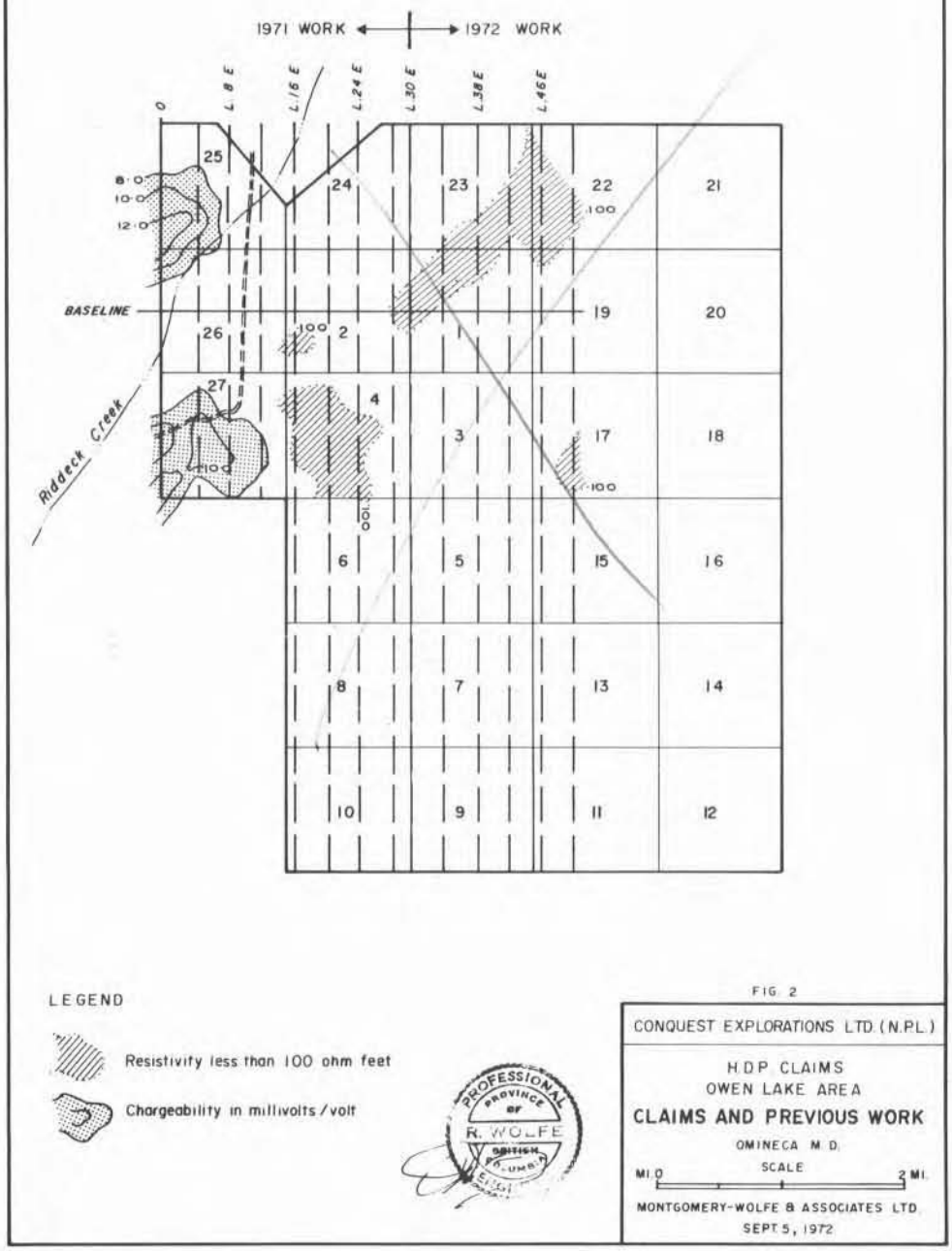


FIG. 2

CONQUEST EXPLORATIONS LTD. (N.P.L.)

H.D.P. CLAIMS
OWEN LAKE AREA

CLAIMS AND PREVIOUS WORK

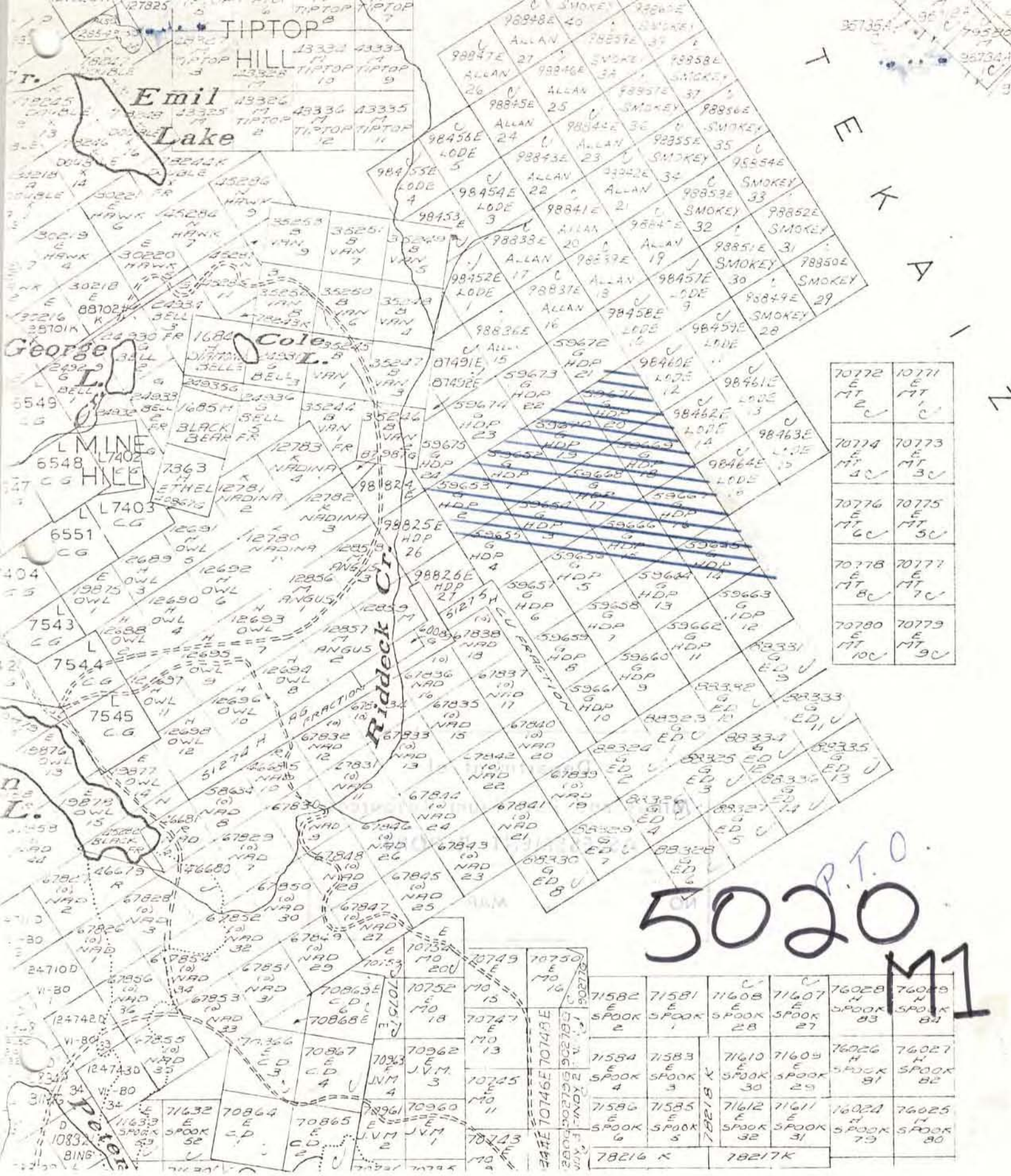
OMINECA M.D.

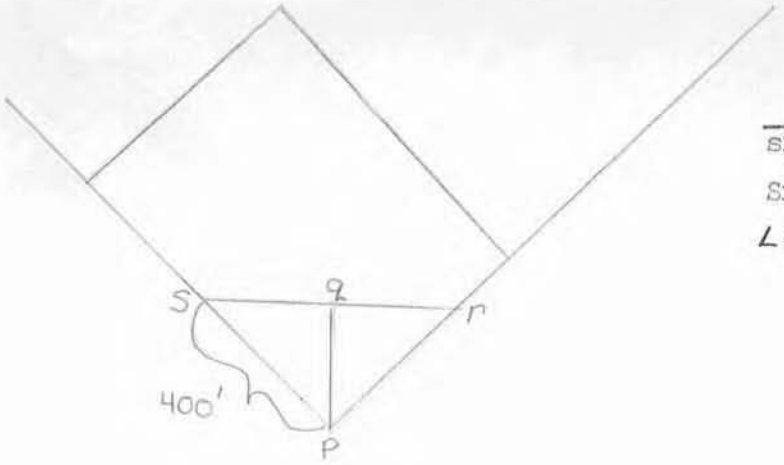
SCALE

MI. 0 — 2 MI.

MONTGOMERY-WOLFE & ASSOCIATES LTD.

SEPT. 5, 1972

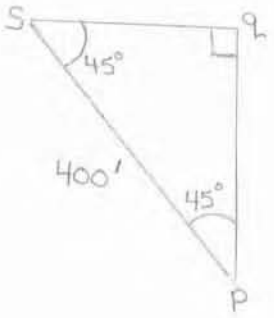

TIPTOP HILL
Emil Lake
George L.
Cole L.
L MINE
L7402
6548
HILL
L7403
CG
6551
7543
7544
7545
6549
Ridleck Cr.
TEKAL
5020
P.T.O.
M1



$\overline{sr}$ is the 1st linecut

Since $\overline{pq}$ bisects a right angle

$\angle spq = \angle qpr = 45^\circ$



$\overline{sq} = \overline{pq} = 400 \text{ cosine } 45^\circ$

$= 282.8$ feet

Since $\Delta pqs \equiv \Delta pqr$

$\overline{sr} = 2\overline{pq} = 565.7$ feet

Since the lines cut form an arithmetic progression, we may use the formula for the sum of an arithmetic progression to calculate the number of miles cut

$s = n \left(a = \frac{d}{2} (n-1) \right)$

a = length of first line cut $\overline{sr}$
= 565.7 ft

n = number of lines cut
= 15

d = difference in length between successive lines
= 565.7 ft

s = number of miles cut

$s = 15 \left(565.7 + \frac{565.7}{2} (15-1) \right)$

$= 67,884$

$\equiv 12.8$ miles