

REPORT
OF THE
PLANNING SURVEY
FOR THE
MAYO - ELSA - KENO AREA

PREPARED BY
THE GOVERNMENT OF THE YUKON TERRITORY
FEBRUARY 6, 1967



COMMISSIONER OF THE YUKON

Government of the Yukon Territory
RECEIVED
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DEPARTMENT

February 20, 1967.

Dear Mr. Murphy:

I would like to express my appreciation to you for the services of Jean Besier in the preparation of the report on the Planning Survey for the Mayo-Elsa-Keno Area.

It is a very good report and I ask that you convey to Mr. Besier my sincere thanks and appreciation for the time and effort he put into compiling this survey.

Sincerely,

J. Smith,
Commissioner.

Mr. C. B. H. Murphy,
Director of Social Welfare,
P.O. Box 2703,
Whitehorse, Y. T.

Franklin

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Mr. James Smith,
Commissioner of the Yukon Territory,
Whitehorse, Y.T.

Sir:

We have contacted most of the householders in the Mayo-Elsa-Keno area, and have the honour to submit, respectfully, the attached report.

PART I - INTRODUCTORY

Reasons for the Survey

When United Keno Hill Mines announced their intention to cease production in the Yukon, this announcement caused much concern to people in the Territory. The effect which this would have upon the people in the immediate area became the concern of the Territorial Government. The needs of the area and the plans for future residence and employment of the people in the area had to be established.

Terms of Reference

A meeting of all Territorial Department Heads was called for December 12, 1966. The recommendation of that meeting was that Mr. Froese should act as Coordinator to "master-mind a fact finding approach" and to report to the Commissioner by the end of January, 1967.

Since it appeared that most of the problems would probably devolve upon Social Welfare and Education Departments, it was suggested that Mr. Murphy, the Director of Social Welfare, and Mr. Thompson, the Superintendent of Schools, should co-operate in making this survey possible by releasing Mr. John Froese, the Deputy Superintendent of Schools, and Mr. Jean Besier, the Administrative Assistant, Department of Social Welfare, for this work.

Scope of the Survey

On January 4, 1967, Messrs. Murphy, Thompson, Froese, and Besier, met to discuss the technicalities of the survey. It was agreed that a door-to-door survey would have to be made. Proposed questionnaires were discussed; and the decision was reached to canvas the communities between January 18th and 25th, and to attempt to have the report ready early in February.

Conduct of the Survey

Early in January, the school principals in Mayo and Elsa were contacted to inform them of the pending survey and to get their help in locating interested and competent field workers.

The Whitehorse Star and Yukon News were informed of this survey orally. Both newspapers gave it good publicity, generally heeding the request to avoid creating anxiety or unrest among the mine employees. The CBC announced the survey on their "News of the North" and also carried three announcements on their "Community Calendar.

When we arrived in Mayo, the people were aware of the survey and we had an excellent response from individuals willing to participate in the door-to-door survey. In Mayo, we engaged the services of Mrs. Jean Gordon, Fr. Van Rooy, Mrs. Stafford, and Mrs. Lindstrom; in Elsa, Mrs. Madison; in Keno, Mrs. McWatters; while Mrs. Proudfoot of Calumet canvassed that community. Mr. P. J. McKittrick offered to do the bunkhouses in Calumet and at Keno 700. Since he works with personnel at the mine office and knows most of the men by name, his help was invaluable. The interview schedules in the Elsa bunkhouses were conducted by Mr. R. Andison.

Several hours of in-service training were given to each group of workers. We tried to ensure that they grasped the objectives of the survey. We discussed some of the techniques and problem areas in interviewing. This time was well spent for once the people got into the field they rarely came back with questions concerning the interviews.

Messrs. Besler and Froese contacted the various business establishments since we felt that business men would be reluctant to discuss their plans with local people.

We also called on the field workers daily to see how they were progressing with the survey and to pick up all completed interview sheets. The evenings were spent in organizing and coding the responses so that by the time we returned to Whitehorse, all the possible coding was completed.

Only a small handful of people was unco-operative and refused to answer questions. On the whole, the survey was very well received by the communities, and every possible consideration was shown to us.

The work of combining the statistics, organizing them into usable form, and writing up the report took a considerable amount of time after our return to Whitehorse. Evenings, week-ends, and regular office time had to be used in order to be able to complete the work.

Since the sample is relatively small it would be inadvisable to publish the report without editing the tables. Local people could look at the tables and deduct from the small enrolments, in the senior grades, particularly, what the parents of these children were planning to do.

Acknowledgments

We wish to acknowledge our gratitude and appreciation to the field workers who did their work very conscientiously; to the people of the Mayo-Elsa-Keno area who co-operated so willingly; to Mr. Thompson, the Superintendent of Schools, and Mr. Murphy, the Director of Social Welfare, for giving us the time to do the work.

MAYO
TOTAL POPULATION

TABLE I

Employment for Heads of Households for the 126 Households interviewed, by Category. (This includes 98 white status and 28 Indian status households).

UKHM	9
Territorial Government	24
Federal Government	10
Self employed	22
Silver Titan	9
Hotel-Motel	3
Retired	10
Unemployed	10
Other, various	19
Seasonal and part-time	8
No comment	2
Total	126

TABLE II

Dependents of the 126 Households Interviewed, by Category

Spouse or other adult	75
Preschool	102
Grade 1	19
Grade 2	18
Grade 3	15
Grade 4	15
Grade 5	19
Grade 6	15
Grade 7	9
Grade 8	10
Grade 9	6
Grade 10	5
Grade 11	3
Grade 12	0
Post secondary	2
Sub-total	313
Plus heads of households	126
Total individuals concerned	439

TABLE III

Plans for Future Residence of the 126 Households Interviewed, by Category

No change	72
To Whitehorse	0
To Clinton/Dawson	0
To Mayo	0
Leaving Yukon	5
Undecided	44
No Comment	5
Total	126

TABLE IVPlans for Future Employment of the 126
Households Interviewed, by Category

No change -----	66
Become self-employed -----	1
Have work elsewhere in Yukon -----	10
Undecided -----	43
No comment -----	6
Total-----	<u>126</u>

TABLE VHousing: Ethnic Groups by Category

	<u>Own</u>	<u>Rent</u>	<u>Boarding</u>	<u>Total</u>
White	57	38	3	98
Indian	15	4	9	28
Total	72	42	12	126

RESIDENCE DESTINATION TABLES FOR TOTAL
POPULATIONSUB-TABLE 1 - (Derived From Table III)

The 72 households who stated "No Change" regarding residence destination have the following dependents, by category:

Spouse or other adult -----	47
Preschool -----	60
Grade 1 -----	13
Grade 2 -----	11
Grade 3 -----	7
Grade 4 -----	10
Grade 5 -----	10
Grade 6 -----	7
Grade 7 -----	5
Grade 8 -----	5
Grade 9 -----	5
Grade 10 -----	3
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	2
Sub-total-----	<u>185</u>
Plus heads of households -----	<u>72</u>
Total individuals concerned -----	<u>257</u>

SUB-TABLES 2, 3, 4 - No statistics.

SUB-TABLE 5

The 5 households who stated "leaving the Yukon" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	0
Preschool -----	0
Grade 1 -----	0
Grade 2 -----	0
Grade 3 -----	0
Grade 4 -----	0
Grade 5 -----	0
Grade 6 -----	1
Grade 7 -----	0
Grade 8 -----	0
Grade 9 -----	0
Grade 10-----	0
Grade 11-----	0
Grade 12-----	0
Post secondary -----	0
Sub-total-----	1
Plus heads of households-----	5
Total individuals concerned-----	6

SUB-TABLE 6

The 44 households who stated "undecided" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	26
Preschool -----	41
Grade 1 -----	6
Grade 2 -----	7
Grade 3 -----	8
Grade 4 -----	6
Grade 5 -----	9
Grade 6 -----	6
Grade 7 -----	4
Grade 8 -----	6
Grade 9 -----	1
Grade 10 -----	2
Grade 11 -----	3
Grade 12 -----	0
Post secondary -----	1
Sub-total-----	126
Plus heads of households-----	44
Total individuals concerned-----	170

MAYO -- INDIAN STATUS POPULATIONTABLE I

Employment, for heads of households, for the 28 Indian status households interviewed, by category:

UKHM-----	1
Territorial Government-----	1
Federal Government-----	0
Self-employed-----	0
Silver Titan-----	0
Hotel-Motel-----	0
Retired-----	7
Unemployed-----	7
Other, various-----	5
Seasonal and part-time-----	6
No comment-----	1
Total-----	<u>28</u>

TABLE II

Dependents of the 28 Indian status households interviewed, by category:

Spouse or other adult-----	15
Preschool-----	29
Grade 1-----	6
Grade 2-----	5
Grade 3-----	4
Grade 4-----	2
Grade 5-----	4
Grade 6-----	5
Grade 7-----	2
Grade 8-----	2
Grade 9-----	3
Grade 10-----	0
Grade 11-----	0
Grade 12-----	0
Post secondary-----	0
Sub-total-----	<u>77</u>
Plus heads of households-----	<u>28</u>
Total individuals concerned-----	<u>105</u>

TABLE III

Plans for future residence of the 28 Indian status households interviewed, by category:

No change-----	19
To Whitehorse-----	0
To Clinton/Dawson-----	0
To Mayo-----	0
Leaving Yukon-----	0
Undecided-----	8
No comment-----	1
Total-----	<u>28</u>

TABLE IV

Plans for future employment of the 28 Indian status heads of households interviewed, by category:

No change-----	14
Become self-employed-----	0
Work elsewhere in the Yukon-----	6
Undecided-----	7
No comment-----	<u>1</u>
Total-----	<u>28</u>

RESIDENCE DESTINATION TABLES FOR INDIAN STATUS POPULATION (Derived from Table III)

Sub-Table 1

The 19 Indian status households who stated "no change" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	11
Preschool -----	22
Grade 1 -----	5
Grade 2 -----	4
Grade 3 -----	3
Grade 4 -----	2
Grade 5 -----	1
Grade 6 -----	1
Grade 7 -----	2
Grade 8 -----	1
Grade 9 -----	2
Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	0
Sub-total-----	<u>54</u>
Plus heads of households-----	<u>19</u>
Total individuals concerned-----	<u>73</u>

Sub-Tables 2, 3, 4, 5, - No statistics.

Sub-Table 6

The 8 Indian status households who stated "undecided" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	4
Preschool -----	7
Grade 1 -----	1
Grade 2 -----	1
Grade 3 -----	1
Grade 4 -----	0
Grade 5 -----	3
Grade 6 -----	4
Grade 7 -----	0

Sub-Table 6 (continued)

Grade 8-----	1
Grade 9-----	1
Grade 10-----	0
Grade 11-----	0
Grade 12-----	0
Post secondary-----	0
Sub-total-----	23
Plus head of households-----	8
Total individuals concerned-----	31

MAYO - WHITE STATUS POPULATION

TABLE I

Employment, for heads of households, for the 98 white status households interviewed, by category:

UKHM-----	8
Territorial Government-----	23
Federal Government-----	10
Self-employed-----	21
Silver Titan-----	9
Hotel-Motel-----	3
Retired-----	3
Unemployed-----	4
Other, various-----	14
Seasonal and part-time-----	2
No comment-----	1
Total-----	98

TABLE II

Dependents of the 98 white status households interviewed, by category;

Spouse or other adult-----	60
Preschool-----	73
Grade 1-----	13
Grade 2-----	13
Grade 3-----	11
Grade 4-----	13
Grade 5-----	15
Grade 6-----	10
Grade 7-----	7
Grade 8-----	8
Grade 9-----	3
Grade 10-----	5
Grade 11-----	3
Grade 12-----	0
Post secondary-----	2
Sub-total-----	236
Plus heads of households-----	98
Total individuals concerned-----	334

TABLE III

Plans for future residence of the 98 white status households interviewed, by category:

No change-----	53
To Whitehorse -----	0
To Clinton/Dawson -----	0
To Mayo -----	0
Leaving Yukon -----	5
Undecided -----	36
No comment -----	4
Total-----	<u>98</u>

TABLE IV

Plans for future employment of the 98 white status heads of households interviewed, by category:

No change-----	52
Become self-employed -----	1
Work elsewhere in the Yukon -----	4
Undecided -----	36
No comment -----	5
Total-----	<u>98</u>

RESIDENCE DESTINATION TABLES FOR WHITE STATUS POPULATION (Derived from Table III)

Sub-Table 1

The 53 white status households who stated "no change" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	36
Preschool -----	40
Grade 1 -----	6
Grade 2 -----	7
Grade 3 -----	4
Grade 4 -----	8
Grade 5 -----	9
Grade 6 -----	6
Grade 7 -----	3
Grade 8 -----	4
Grade 9 -----	3
Grade 10 -----	3
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	2
Sub-total-----	<u>131</u>
Plus heads of households-----	<u>53</u>
Total individuals concerned-----	<u>184</u>

Sub-Tables 2, 3, 4 - No statistics.

Sub-Table 5

The 5 white status households who stated "leaving the Yukon" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	0
Preschool -----	0
Grade 1 -----	0
Grade 2 -----	0
Grade 3 -----	0
Grade 4 -----	0
Grade 5 -----	0
Grade 6 -----	1
Grade 7 -----	0
Grade 8 -----	0
Grade 9 -----	0
Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	0
Sub-total-----	1
Plus heads of households-----	5
Total individuals concerned--	6

Sub-Table 6

The 36 white status households who stated "undecided" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	22
Preschool -----	34
Grade 1 -----	5
Grade 2 -----	5
Grade 3 -----	7
Grade 4 -----	6
Grade 5 -----	6
Grade 6 -----	3
Grade 7 -----	4
Grade 8 -----	5
Grade 9 -----	0
Grade 10 -----	2
Grade 11 -----	3
Grade 12 -----	0
Post secondary -----	3
Sub-total-----	105
Plus heads of households-----	36
Total individuals concerned--	141

ELSA -- HOUSEHOLD UNITSTABLE I

Employment, for heads of households, for the 54 households interviewed, by category:

UKHM-----	42
Territorial Government -----	5
Federal Government -----	2
Self-employed -----	0
Silver Titan -----	0
Hotel-Motel -----	0
Retired-----	0
Unemployed -----	0
Other, various -----	5
Seasonal and part-time -----	0
No comment -----	0
Total-----	<u>54</u>

TABLE II

Dependents of the 54 households interviewed, by category:

Spouse or other adult-----	45
Preschool -----	42
Grade 1 -----	7
Grade 2 -----	7
Grade 3 -----	7
Grade 4 -----	7
Grade 5 -----	4
Grade 6 -----	4
Grade 7 -----	4
Grade 8 -----	2
Grade 9 -----	1
Grade 10 -----	0
Grade 11 -----	1
Grade 12 -----	0
Post secondary -----	0
Sub-total-----	<u>131</u>
Plus heads of households-----	<u>54</u>
Total individuals concerned-----	<u>185</u>

TABLE III

Plans for future residence of 54 households interviewed, by category:

No change-----	3
To Whitehorse -----	6
To Clinton/Dawson -----	2
To Mayo-----	0
Leaving Yukon -----	9
Undecided -----	34
No comment -----	0
Total-----	<u>54</u>

TABLE IV

Plans for future employment of 54 heads of households interviewed, by category:

No change -----	23
Become self-employed -----	1
Work Elsewhere in Yukon -----	0
Undecided -----	30
No comment -----	0
Total -----	<u>54</u>

TABLE VHOUSING: ETHNIC GROUPS BY CATEGORY

	Own	Rent	Boarding	Totals
White	4	47	-	51
Indian	2	1	-	3
Total	6	48	0	54

RESIDENCE DESTINATION TABLES FOR HOUSEHOLD UNITS
(Derived from Table III)

Sub-Table 1

The 3 households who stated "no change" regarding residence destination have the following dependents: 1 spouse, 1 child in Grade 8.

Sub-Table 2

The 6 households who stated "to Whitehorse" regarding residence destination, have the following dependents, by category:

Spouse or other adult -----	5
Preschool -----	8
Grade 1 -----	0
Grade 2 -----	1
Grade 3 -----	0
Grade 4 -----	3
Grade 5 -----	0
Grade 6 -----	2
Grade 7 -----	0
Grade 8 -----	0
Grade 9 -----	0
Grade 10 -----	0
Grade 11 -----	1
Grade 12 -----	0
Post secondary -----	0
Sub-total -----	<u>20</u>
Plus heads of households -----	<u>6</u>
Total individuals concerned -----	<u>26</u>

Sub-Table 3

The 2 households who stated "to Clinton Creek/Dawson" regarding residence destination, have the following dependents: 2 spouses, 1 pre-school child.

Sub-Table 4 - No statistics.

Sub-Table 5

The 9 households who stated "leaving Yukon" regarding residence destination, have the following dependents, by category.

Spouse or other adult-----	7
Preschool-----	4
Grade 1 -----	1
Grade 2 -----	0
Grade 3 -----	1
Grade 4 -----	1
Grade 5 -----	0
Grade 6 -----	0
Grade 7 -----	1
Grade 8 -----	0
Grade 9 -----	0
Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	0
Sub-total-----	15
Plus heads of households-----	9
Total individuals concerned-----	<u>24</u>

Sub-Table 6

The 34 households who stated "undecided" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	30
Preschool -----	29
Grade 1 -----	5
Grade 2 -----	6
Grade 3 -----	6
Grade 4 -----	3
Grade 5 -----	4
Grade 6 -----	2
Grade 7 -----	3
Grade 8 -----	1
Grade 9 -----	1
Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	0
Sub-total-----	90
Plus heads of households-----	34
Total individuals concerned-----	<u>124</u>

ELSA - BUNKHOUSESTABLE I
EMPLOYMENT

All 46 men interviewed were employed by United Keno Hill Mines.

TABLE II
DEPENDENTS

For our purposes all 46 men are of single marital status.

TABLE III

Plans for future residence of 46 individuals interviewed, by category:

No change-----	10
To Whitehorse -----	0
To Clinton/Dawson -----	1
To Mayo -----	0
Leaving Yukon -----	4
Undecided -----	30
No comment -----	1
Total-----	<u>46</u>

TABLE IV

Plans for future employment of 46 individuals interviewed, by category:

No change-----	2
Become self-employed-----	1
Work elsewhere in Yukon-----	9
Undecided-----	33
No comment-----	1
Total-----	<u>46</u>

TABLE V

All 46 men reside in United Keno Hill owned bunk-houses.

RESIDENCE DESTINATIONS TABLES

Can be read directly from Table III.

CALUMET - HOUSEHOLD UNITSTABLE I - EMPLOYMENT

The 41 heads of households interviewed were employed by United Keno Hill Mines.

TABLE II

Dependents of the 41 households interviewed, by category:

Spouse or other adult-----	41
Preschool-----	28
Grade 1 -----	9
Grade 2 -----	2
Grade 3 -----	3
Grade 4 -----	3
Grade 5 -----	5
Grade 6 -----	1
Grade 7 -----	2
Grade 8 -----	2
Grade 9 -----	0
Grade 10 -----	1
Grade 11 -----	3
Grade 12 -----	1
Post secondary -----	3
Sub-total-----	<u>104</u>
Plus heads of households-----	41
Total individuals concerned---	<u>145</u>

TABLE III

Plans for future residence of 41 households interviewed, by category:

No change-----	0
To Whitehorse-----	3
To Clinton/Dawson-----	1
To Mayo-----	1
Leaving Yukon-----	10
Undecided-----	26
No comment-----	0
Total-----	<u>41</u>

TABLE IV

Plans for future employment of 41 heads of households interviewed, by category:

No change-----	9
Become self-employed-----	2
Work elsewhere in Yukon-----	1
Undecided-----	29
No comment-----	0
Total-----	<u>41</u>

RESIDENCE DESTINATION TABLES FOR
HOUSEHOLD UNITS (Derived from
Table III)

Sub-Table I - No statistics.

Sub-Table 2

The 3 households who stated "to Whitehorse" regarding residence destination, have the following dependents:

Spouse or other adult-----	3
Preschool-----	2
Grade 1-----	1
Sub-total-----	6
Plus heads of household-----	3
Total individuals concerned-----	9

Sub-Table 3

The 1 household which stated "to Clinton/Dawson" regarding residence destination, has the following dependents:

Spouse or other adult-----	1
Preschool-----	2
Sub-total-----	3
Plus head of households-----	1
Total individuals concerned-----	4

Sub-Table 4

The one household which stated "to Mayo" regarding residence destination involves a man and his wife for a total of 2 individuals concerned.

Sub-Table 5

The 10 households who stated "leaving Yukon" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	10
Preschool-----	6
Grade 1-----	2
Grade 2-----	0
Grade 3-----	0
Grade 4-----	1
Grade 5-----	1
Grade 6-----	0
Grade 7-----	1
Grade 8-----	0
Grade 9-----	0
Grade 10-----	0
Grade 11-----	0
Grade 12-----	0
Post secondary-----	2
Sub-total-----	23
Plus heads of households-----	10
Total individuals concerned-----	33

Sub-Table 6

The 26 households who stated "undecided" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	26
Preschool -----	18
Grade 1 -----	6
Grade 2 -----	2
Grade 3 -----	3
Grade 4 -----	2
Grade 5 -----	4
Grade 6 -----	1
Grade 7 -----	1
Grade 8 -----	2
Grade 9 -----	0
Grade 10 -----	1
Grade 11 -----	3
Grade 12 -----	1
Post secondary -----	1
Sub-total-----	<u>71</u>
Plus heads of households-----	26
Total individuals concerned-----	<u>97</u>

CALUMET - BUNKHOUSESTABLE I - EMPLOYMENT

All 121 men interviewed were employed by United Keno Hill Mines.

TABLE II - DEPENDENTS

For our purposes all 121 men are of single marital status.

TABLE III

Plans for future residence of 121 individuals interviewed, by category:

No change -----	0
To Whitehorse-----	29
To Clinton/Dawson -----	2
To Mayo -----	2
Leaving Yukon -----	36
Undecided -----	51
No comment -----	1
Total-----	<u>121</u>

TABLE IV

Plans for future employment of 121 individuals interviewed, by category:

No change-----	7
Become self-employed-----	6
Work elsewhere in Yukon-----	16
Undecided-----	84
No comment-----	8
Total-----	<u>121</u>

TABLE V

All 121 men reside in United Keno Hill owned bunkhouses.

RESIDENCE DESTINATION TABLES

These can be read directly from Table III.

KENO HOUSEHOLD UNITSTABLE I

Employment for heads of households for the 25 households interviewed, by category:

UKHM-----	18
Territorial Government-----	0
Federal Government-----	0
Self-employed-----	1
Silver Titan-----	0
Hotel-Motel-----	0*
Retired-----	4
Unemployed-----	0
Other, various-----	2
Seasonal and part-time-----	0
No comment-----	0
Total-----	<u>25</u>

*The manager of the Keno Hotel was not available for interview and is not included here.

TABLE II

Dependents of the 25 households interviewed, by category:

Spouse or other adult-----	20
Preschool-----	20
Grade 1-----	0
Grade 2-----	0
Grade 3-----	3
Grade 4-----	0
Grade 5-----	1

Table II (continued)

Grade 6-----	2
Grade 7-----	1
Grade 8-----	0
Grade 9-----	1
Grade 10-----	0
Grade 11-----	0
Grade 12-----	1
Post secondary-----	1
Sub-total-----	50
Plus heads of households-----	25
Total individuals concerned-----	75

TABLE III

Plans for future residence of 25 households interviewed, by category:

No change-----	2
To Whitehorse-----	1
To Clinton/Dawson-----	1
To Mayo-----	0
Leaving Yukon-----	8
Undecided-----	13
No comment-----	0
Total-----	25

TABLE IV

Plans for future employment of 25 heads of households interviewed, by category:

No change-----	6
Become self-employed-----	2
Work elsewhere in Yukon-----	1
Undecided-----	16
No comment-----	0
Total-----	25

TABLE V

Ethnic Groups By Category:

	<u>Own</u>	<u>Rent</u>	<u>Boarding</u>	<u>Total</u>
White	13	12	0	25
Indian	0	0	0	0
Total	13	12	0	25

RESIDENCE DESTINATION TABLES FOR
HOUSEHOLD UNITS (Derived from Table III)

Sub-Table 1.

The 3 households who stated "no change" regarding residence destination have no dependents.

Sub-Table 2

The 1 household which stated "to Whitehorse" regarding residence destination has 1 spouse and 1 preschool child.

Sub-Table 3

Same as II.

Sub-Table 4

No statistics.

Sub-Table 5

The 8 households who stated "leaving Yukon" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	7
Preschool-----	11
Grade 1 -----	0
Grade 2 -----	0
Grade 3 -----	2
Grade 4 -----	0
Grade 5 -----	1
Grade 6 -----	0
Grade 7 -----	0
Grade 8 -----	1
Grade 9 -----	0
Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	1
Post secondary -----	0
Sub-total-----	23
Plus heads of households-----	8
Total individuals concerned-----	31

Sub-Table 6

The 13 households who stated "undecided" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	11
Preschool-----	7
Grade 1 -----	0
Grade 2 -----	0
Grade 3 -----	1
Grade 4 -----	0
Grade 5 -----	0
Grade 6 -----	2
Grade 7 -----	1
Grade 8 -----	0
Grade 9 -----	0

Sub-Table 6 (continued)

Grade 10 -----	0
Grade 11 -----	0
Grade 12 -----	0
Post secondary -----	1
Sub-total-----	23
Plus heads of households-----	13
Total individuals concerned--	<u>36</u>

KENO 700 - BUNKHOUSESTABLE I - EMPLOYMENT

All 55 men interviewed were employed by United Keno Hill Mines.

TABLE II -- DEPENDENTS

For our purposes all 55 men are of single marital status.

TABLE III

Plans for future residence of 55 individuals interviewed, by category:

No change-----	0
To Whitehorse-----	8
To Clinton/Dawson-----	4
To Mayo-----	2
Leaving Yukon-----	24
Undecided-----	17
No comment-----	0
Total-----	<u>55</u>

TABLE IV

Plans for future employment of 55 individuals interviewed, by category:

No change-----	0
Become self-employed-----	0
Work elsewhere in Yukon-----	12
Undecided-----	43
No comment-----	0
Total-----	<u>55</u>

TABLE V

All 55 men reside in United Keno Hill owned bunkhouses.

RESIDENCE DESTINATION TABLES

Can be read directly from Table III.

TABLE I

Employment for heads of households for the 468 households interviewed, by category:

UKHM-----	332
Territorial Government-----	29
Federal Government-----	12
Self-employed-----	23
Silver Titan-----	9
Hotel-Motel-----	3
Retired-----	14
Unemployed-----	10
Other, various-----	26
Seasonal and part-time-----	8
No comment-----	2
Total-----	<u>468</u>

TABLE II

Dependents of 468 households interviewed, by category:

Spouse or other adult-----	181
Preschool-----	192
Grade 1-----	35
Grade 2-----	27
Grade 3-----	28
Grade 4-----	25
Grade 5-----	29
Grade 6-----	22
Grade 7-----	16
Grade 8-----	14
Grade 9-----	8
Grade 10-----	6
Grade 11-----	7
Grade 12-----	2
Post secondary-----	6
Sub-total-----	<u>598</u>
*Plus heads of households-----	<u>468</u>
Total individuals concerned-----	<u>1066</u>

*This includes 222 men of single marital status living in bunkhouses.

TABLE III

Plans for future residence of 468 households interviewed, by category:

No change-----	87
To Whitehorse-----	47
To Clinton/Dawson-----	11
To Mayo-----	5
Leaving Yukon-----	96
Undecided-----	215
No comment-----	7
Total-----	<u>468</u>

Plans for future employment of 468 heads of households interviewed, by category:

No change-----	113
Become self-employed-----	13
Work elsewhere in Yukon-----	49
Undecided-----	278
No comment-----	15
Total-----	<u>468</u>

TABLE V - HOUSING

Own	Rent	Boarding	Total
92	142	234	468

RESIDENCE DESTINATION TABLESSub-Table 1.

The 87 households who stated "no change" regarding residence destination, have the following dependents:

Spouse or other adult-----	48
Preschool-----	60
Grade 1-----	13
Grade 2-----	11
Grade 3-----	7
Grade 4-----	10
Grade 5-----	10
Grade 6-----	7
Grade 7-----	5
Grade 8-----	6
Grade 9-----	5
Grade 10-----	3
Grade 11-----	0
Grade 12-----	0
Post secondary-----	2
Sub-total-----	<u>187</u>
*Plus heads of households-----	87
Total individuals concerned-----	<u>274</u>

*This includes 10 men of single marital status living in bunkhouses.

Sub-Table 2

The 47 households who stated "to Whitehorse" regarding residence destination, have the following dependents, by category:

Spouse or other adult-----	9
Preschool-----	11
Grade 1-----	1
Grade 2-----	1
Grade 3-----	0
Grade 4-----	3
Grade 5-----	0

Sub-Table 2 (continued)

Grade 6	-----	2
Grade 7	-----	0
Grade 8	-----	0
Grade 9	-----	0
Grade 10	-----	0
Grade 11	-----	1
Grade 12	-----	0
Post secondary	-----	0
Sub-total	-----	28
*Plus heads of households	-----	47
Total individuals concerned	-----	75

*This includes 37 men of single marital status living in bunkhouses.

Sub-Table 3

The 11 households who stated "to Clinton/Dawson" regarding residence destination, have the following dependents, by category:

Spouse or other adult	-----	4
Preschool	-----	4
Grade 1	-----	0
Grade 2	-----	0
Grade 3	-----	0
Grade 4	-----	0
Grade 5	-----	0
Grade 6	-----	0
Grade 7	-----	0
Grade 8	-----	0
Grade 9	-----	0
Grade 10	-----	0
Grade 11	-----	0
Grade 12	-----	0
Post secondary	-----	0
Sub-total	-----	8
*Plus heads of households	-----	11
Total individuals concerned	-----	19

*This includes 7 men of single marital status living in bunkhouses.

Sub-Table 4

The 5 households who stated "to Mayo" regarding residence destination consist of 4 men of single marital status living in bunkhouses, and 1 man and his wife.

Sub-Table 5

The 96 households who stated "leaving Yukon" regarding residence destination have the following dependents, by category:

Spouse or other adult-----	24
Preschool-----	21
Grade 1 -----	3
Grade 2 -----	0
Grade 3 -----	3
Grade 4 -----	2
Grade 5 -----	2
Grade 6 -----	1
Grade 7 -----	2
Grade 8 -----	1
Grade 9 -----	0
Grade 10 -----	0
Grade 11 -----	1
Grade 12 -----	0
Post secondary -----	2
Sub-total-----	62
*Plus heads of households-----	96
Total individuals concerned---	<u>158</u>

*This includes 64 men of single marital status living in bunkhouses.

Sub-Table 6

The 215 households who stated "undecided" regarding residence destination have the following dependents, by category"

Spouse or other adult-----	93
Preschool-----	95
Grade 1 -----	17
Grade 2 -----	15
Grade 3 -----	18
Grade 4 -----	11
Grade 5 -----	17
Grade 6 -----	11
Grade 7 -----	9
Grade 8 -----	9
Grade 9 -----	2
Grade 10 -----	3
Grade 11 -----	6
Grade 12 -----	1
Post secondary -----	3
Sub-total-----	310
*Plus heads of households-----	215
Total individuals concerned---	<u>525</u>

* This includes 98 men of single marital status living in bunkhouses.

BUSINESS FIRMS IN THE AREAMINING1. UNITED KENO HILL MINES

Mr. Stoner's responses to our questions were frank and co-operative. His statements were sometimes those of company policy, sometimes his personal thinking--the two should not be quoted without ensuring that the statements are attributed to the right source.

(a) COMPANY POLICY

The 425 men will be kept on the force to the end of July, 1967. For the month of August 50 men will "button up" the operation. After August, there will only be two families left as caretakers-watchmen. A definite statement to this effect will be issued in May. Surface men have already been laid off.

If the Directors decide to keep the mine open after all, it will not be on a month to month basis, but there would have to be assurance that the mill could work to capacity for another eleven months. The mine will be closed in the summer time for two reasons: (1) It is difficult to close down such an operation in the winter, and (2) it would impose hardships upon the staff.

All employees who stay to the closing date are now accumulating \$.20 per hour severance pay. All single employees will be moved to either Edmonton or Vancouver, whichever they prefer, by chartered vehicles. The married employees will also be moved to either Edmonton or Vancouver, together with up to 4000 pounds of personal effects. This should encourage employees to remain at their jobs to the end of the operation. Resignations of several key people could force the mine closing sooner than July 31st. This the company is hoping to avoid.

There will be extensive summer exploration programs, and eventually development programs with a view to going into production again.

(b) MR. STONER

He is quite optimistic with regard to the future of the area but expects the operation to close down for a minimum of 3 to a maximum of 5 to 7 years. When operation is resumed, it will be on a more economic basis, i.e., a modern mill, only one townsite, private dwellings and enterprises, etc. It is almost certain that the location will not be at Elsa.

Since all exploration and development has been halted there appears to be no doubt that the mine must close now. Policy would have to change for the closing date to be postponed.

He feels that there is "political pressure" being brought to bear upon the company to remain open until October. He is opposed to this for reasons stated elsewhere in the report.

(c) UKHM RELATED ENTERPRIZES1) Western Catering

Mr. Fred Ashton reported that they are employing 36 people full-time in the Elsa-Calumet 700 camps. If the mine closes, they will, of course, leave. 75% of the employees will be kept on company payrolls on other operations. 25% of them will be laid off. All of them would receive their transportation back to either Edmonton or Vancouver.

The company is interested in any camps that may open in the Yukon. He feels that there is a remote possibility that the firm will move to Clinton Creek.

2) Royal Bank

The Bank presently has 5 employees. This will be reduced to four in February. This branch will close if the mine does. According to Mr. Nick, there are three possibilities open to them:

- 1) Move out of the Territory.
- 2) Move to Whitehorse.
- 3) Move to Clinton Creek. Cassiar Asbestos is presently a customer.

The company will move the employees to new positions. No responsibility should fall to the Territorial Government.

2. GOVERNMENT DEPARTMENTS(a) Resources Management Branch IA & ND.

The two men presently working with this Branch in Mayo feel that they will get an increase in volume of work passing through this office. The amount of revenue will come down since the royalties paid by UKHM will stop.

(b) R.C.M. Police

Staff-Sgt. Smith stated that the Elsa detachment will be closed. The Mayo detachment will be kept at full strength (3). Some of the equipment will be moved from Elsa to Mayo. He feels that the Mayo detachment could cope with the work in the entire area after the mine closes and its personnel has left.

(c) N.C.P.C.

Expect a great loss in revenue - in fact not sufficient revenue to meet the interest on monies owing to the Federal Government. It is even doubtful if the revenue will be sufficient to meet the bare operating costs of the hydro plant. There may be a need for an upward revision of power rates to help offset the operating loss.

Mr. Humphreys expects to be able to find solutions to their problems that will enable the hydro plant to be kept in operation.

3. CAFES(a) Sourdough Cafe, Keno

Mrs. G. Cambiotti reported that they are still very undecided about their future plans. They bought the cafe recently and will continue in business if at all possible. If the necessary clientele is not in the area they will leave Keno.

The Cafe employs Mr. and Mrs. Cambiotti and one part-time person.

(b) Silver Inn Cafe

Mr. Horst Scheffen rents the area from Mr. Jurovich. Mr. Scheffen has several small business operations.

- (i) Cafe
- (ii) Small Trading Post
- (iii) Pinball Machines

(i) The Cafe will continue to operate though the venture will be less profitable. Sometimes his wife helps him during particularly busy times. Usually he operates the Cafe alone. Exploration work should help the Cafe in the summer months.

(ii) The Trading Post buys furs and sells clothing and groceries. He carries \$5,000.00 on his books. The Trading Post should continue its present trend.

(iii) The three pin ball machines are located at the mining camps. The cost was 13,000.00 of which \$9,000.00 has been paid. The machines may be repossessed if the mine closes.

(c) Chateau Mayo Cafe

Mr. Friesen, his wife, and two others are employed on a full-time basis. They also have one or two part-time employees. If the mine closes, the part-time employees at least will be laid off. He expects business to cut back somewhat during 1967, but expects to continue this operation.

4. HOTEL-MOTEL ACCOMMODATIONS(a) Tim-O-Lou

Mr. Boyce expects little change in his business. They are not dependent upon the miners for their business. Exploration firms, geologists, government personnel, etc., tend to stay at this motel. He expects business to remain quite constant. The Boyces do not employ help. It is a family operation.

(b) Silver Inn Hotel and Beer Parlour

Mr. Milo Jurovich employs one full-time and one part-time employee as well as working here himself. About 50% of the business used to come from the mine but now it is only 25%. He expects to remain open at present strength for a year or so after the mine closes and then decide if the operation is still economic.

(c) Chateau Mayo

We were unable to contact Mr. Wallingham as he was out of town. The bar is leased to Mr. Al Henney. He employs one full-time and one part-time employee and works in the bar himself. There has been a decrease in winter business over the last three years. For next winter, he expects to cut back his business operation but to continue as usual in the summer. He expects to continue in business for at least one year after the mine closes down and then possibly go out of business.

(d) Keno Hotel

We could not contact Mr. Dobson on our three visits to Keno, but we were able to talk briefly with Mrs. Dobson. From her remarks we gathered that they would remain in business as a family operation, depending upon exploration parties for their business. The investment is too great to just leave it.

5. STORES(a) Ruth's Dress and Novelty Shop

Two people are employed on a full-time basis according to Mrs. McIntyre, the proprietor. She expects to remain in business though certain lines she carries may suffer, e.g., children's clothing.

Exploration parties seem to bring more business than established families so there should be no great change in the over-all picture.

(b) Fifteen Two Variety Stores

Mrs. T. Djukastein feels that she will have to close down her store. She catered to European tastes among mine personnel and feels that Mayo people generally cannot afford the wares that she has to sell. She went into business on the strength of Commissioner Cameron's statement three years ago that United Keno Hill had stated that they would continue for the next 20 years. She feels very strongly that she has been misled.

This store is owner operated and will definitely close if the mine does.

(c) Taylor and Drury

Mr. M. Smith, the manager, felt that business would continue as at present. Now quite a few purchases are being made at the UKHM Commissary and this business will remain in Mayo, off-setting any losses sustained by the departure of mine employees who bought some goods at this store.

The store employs two people full-time and expects to continue this operation.

(d) Northern Commercial

This is a new store, well designed and well stocked. Mr. D. Jurovich, the manager, does not anticipate any appreciable drop in the volume of business. At present the store is short of one staff member, having only two. They fully expect to have 2 or 3 employees next year.

(e) Scheffen's Trading Post is discussed briefly under "Silver Inn Cafe."

6. TRANSPORTATION(a) Hutton's Service

Mr. Oliver Hutton stated that he employs three men full-time and two on a part-time basis. Mine closing will necessitate laying off the part-time help.

He expects to be able to "weather the storm" with a reasonably stable business operation for a number of years if need be.

(b) Mayo Motors

Mrs. Rohachuk was reluctant to answer questions at first because:

- (i) the whole thing was ridiculous.
- (ii) the government wouldn't do anything anyway.
- (iii) the survey would increase taxation.

She feels that they will be able to continue in business even if the mine closes since they were over-worked during most of 1966.

The Service Station employs only the Rohachuks.

(c) Klippert's Transfer

As well as the Transfer, Mr. Klippert has road building machinery and a sawmill. He employs 7 men on a part-time basis. He expects to continue with part-time seasonal help. He expects to contact Clinton Creek regarding possible lumber contracts.

(d) Ewing Transport

Mr. J. Ewing, a partner in the business, stated that they are employing six men on a part-time basis. They need this number in order to keep the sawmill working.

They will need to find other markets for lumber and mine timbers if they are to continue in business. UKHM are buying all they can produce at present. They expect to cut back operations somewhat for the next year but see the long term plans as stable.

The company will be forced to look for buyers elsewhere and though this will take time, the markets can be found. It will be more complicated to handle smaller orders for many customers than to work for one company only.

(e) Canadian Pacific Airlines

Expect to continue with their planned summer schedule. No further plans have been made as yet.

RECOMMENDATIONS FOR ACTIONI. SURVEY

A large fraction of those who were contacted were still undecided. If and when UKHM announces a definite closure date, possibly by May 15th, it might be worth while to contact these undecided people again. This time the questionnaire could be much simpler seeking only to discover plans for future residence and plans for future employment. There would be no necessity to contact all the people again--in fact it would be impolitic to do so. Some individuals would resent being asked the same questions twice.

II. CENTRAL TOWN SITE

Any new development in the area should be closely watched. The Territorial Government should assume the responsibility for planning any town site for the area so that there will be room for private enterprise and no need for duplicating facilities. One town-site would, in a few years time, permit T.V. closed circuit programming; sports and other entertainment could also be provided more readily for a community of 1100 than for four smaller centres.

III. MAJOR PROJECTS

There are several major projects that could bring employment and greater prosperity to the areas.

A. Transportation

This is an extremely expensive aspect of northern development. It costs UKHM \$40.00 to market one ton of concentrate. There should be some alleviation offered for this high cost.

1) Railway

Canadian railways are heavily subsidized. There are special concessions for freight that is moved across the Rockies. It would appear only logical that freight rates should be even more heavily subsidized in a frontier area where development will benefit the entire nation. The recommendation is made that every effort be made to bring a railway into the Mayo area and possibly beyond this to Bear Creek. This railway could connect to the WP & YR in Whitehorse, or proceed to the coast via the Nordenskjold Valley, the Arkell area, and reach tidewater at either Haines or Tarr Inlet. This would benefit all of the Territory and especially the Mayo area.

It would be some time before this railway would be self-supporting. However, it is felt that the side benefit accrued from such a railway would be so great that the line could be subsidized by Canada as are other major railways in the country.

With the lowering of freight rates it would be possible to bring many ore bodies into production which are now definitely borderline.

2) Roads

Though the tote road assistance is excellent there is a need for the government to push roads into the unexplored areas in order to encourage exploration. A road joining Mayo and Ross River, a road heading north-east to the Rackla River, Wind River, and Crest ore deposits would enable small companies and private individuals to prospect the areas in depth. These roads need be little better than tote trails, just good enough to permit a truck to drive through.

Some of the people who will be out of work in the Mayo area have skills in road building. To enable a small crew of possibly 10-12 men to work on a project would enable that many families to remain self-supporting and would possibly be of inestimable value to the whole Territory.

B. A Small Custom Mill

It is impossible for the small operator to get into business. His ore body may be too small or he may be restricted to hand operations for the present. A small custom mill that could handle about 25 tons of galena per day would enable the small operator to stay in business. The Territory should be able to either

- a) acquire and operate such a mill, or
- b) encourage private enterprize to enter the field. The former would be the better of the two recommendations.

C. A Smelter

A smelter anywhere in the Yukon would help the Mayo area. It would enable operators to work lower grade ore bodies and would substantially reduce the cost of shipping concentrates and raw ores. Every encouragement should be given to the establishment of a smelter since this will generate secondary industries and much employment.

D. Pulp and Paper Plant

There is sufficient soft wood in the Territory to support a pulp and paper industry. Companies should be strongly encouraged to locate in the Territory. We have the wood, the water, the power; and the world's markets will be anxiously looking for the products by the time the operation is in production.

The kind of semi-skilled labor required by a pulp mill could well be met by the Yukon. We have many people who would rather work out in the bush than in the town. They have been unsuccessful in adjusting to the problems of urban living and would be better off in a rural environment.

E. Economic Planning and Development

We need a person in the Territory who would have the title of Director of Economic Planning and Development. This person could be directly responsible to A-3 until more control over resource development comes under the Territorial Government and a Department of Economic Planning and Development is established.

This person should have training and practical understanding of business administration, marketing techniques, some production problems, and above all must have a personality that would encourage confidence. The individual must be able "to think big" when discussing larger operations and long-term resource development, but must also be persuaded of the value of cottage industries concerning which industries several recommendations will follow.

IV. PROJECTS AFFECTING THE MAYO-ELSA-KENO AREA

A. Lumber

Much lumber will be required in the Territory for building purposes. Local lumber, if dried, is good building material. Interest free advances could be made available to the sawmill operators enabling them to stock-pile lumber during the winter for sale as soon as the construction season begins. On government construction projects the use of at least some local lumber could be specified.

This would not be an expensive form of subsidy for a borderline industry. It could, in fact, be cheaper to the Territory than the cost of welfare support for those households.

B. Vocational Training

The possibility of offering some vocational courses right in the community could be explored. There might be people interested in a surveying course. There is always need for chain-men, some who can use a hand level, etc. If they cannot be brought to the Vocational Training Centre, we could consider going to them.

C. Handicrafts

A number of local women have real talent in making Indian handicrafts, e.g., mukluks, mitts, jackets, whips, etc. The Territory should spearhead an organization that would enable these people to mass-produce these articles and to sell them in the larger cities "outside". Such a co-operative effort could supplement the family income to a considerable extent. Once the enterprise was operative it should become entirely self-supporting.

The building provided for this purpose could be any older building in the town of Mayo. Tables, possibly a few sewing machines, heat and light, could be provided. The total outlay would be minimal. There might be only 2 or 3 women working there on some evenings--more at other times.

The handicraft project could conceivably be extended to include work in semi-precious stones, jade, and beaten silver. The University of Alaska has a professor who is outstanding in silver-smithing. This man should be imported for short courses on methods, designs, etc.

D. Special Assistance

Special assistance for prospecting and exploration work should be given to entice more people into these areas of work. If Penticton-Kelowna can qualify for special Federal assistance because they are economically deprived, I think we should consider this area, possibly adding other parts of the Territory to this as deserving of special consideration.

E. Whitehorse-Mayo-Dawson Roads

There are many good "fishing holes" within walking distance of the road. Foot paths could be cleared through the bush and the trails clearly blazed. This would encourage travellers to stop and spend more time along the way. The spots must be well signed.

The amount of traffic will continue to increase on these roads especially when the Sixty Mile road is open and further improved. There would be a good percentage of tourist traffic enticed onto this road. Now very few people venture off the main roads. The tourist trade would not bring much additional employment to the Mayo area for several years, but the trail cutting could keep two or three men occupied on such small contracts for several years.

V. PROJECTS AFFECTING OTHER AREAS ALSO

A. Forest Management

There are many square miles of burned over woodlands in the Territory. After the more recent fires it is necessary to clear the dead wood from the ground in order to minimize future danger of fires and also to permit good new growth. In those areas where tree growth is becoming established crews should be thinning out the young trees. Natural thinning will occur, but nature can be helped considerably by hastening the process. Several small camps could be established where small crews could work on these projects. The whole Territory stands to benefit from this resource management. No special skills are required.

B. Commercial Fishing


Encouragement should be given to commercial fishing. The seasonal nature of this employment could help individuals who are otherwise seasonally employed.

C. Restoring Historical Sites

There are many spots of historical significance that should be preserved for posterity. There is Montague, Dalton Post, Silver City, the old stopping places between Stewart and Dawson, some of the old buildings in Mayo and Dawson. This would not be restoration in terms of the Palace Grand in Dawson, but minor repair, patching, cleaning up the immediate areas, adding a few missing logs, etc. The sites would not fall into complete ruin and would help to keep up the interest in places of historical significance.

All of which we submit for your consideration.


JOHN H. FROESE


JEAN N. BESIER