

## WHAT is at the end of the Rainbow?

#### Fancy Session of Val d'Or Council

Out of the Trenches by Christmas. Drinking Bromos by New Year's

a municipality under Quebec provin- place to put the flowers when we go cial regulations, and the editor of The out and look at Mike's grave." Every-Val d'Or-Lamaque News celebrates the body roared, except Mike. occasion by the following fancy report of an imaginary meeting of a figura- Banker. Unanimous showing of hands tive town council. "This is an old settled the problem of sewer pipes. story," says the editor of the Val d'Or News, in an introductory note, "but | bottles of beer were thrown through we think under the circumstances its | the quickly opened door, from the kitrepetition is timely." The News then chen. proceeds to give the following.

Out of the Trenches by Christmas The unofficial and almost unconscious self-appointed town council was ers. gathered around the board room at Minnie the Monk's. Those attending included self-appointed Mayor Mike the with the water pipes?" Razzberry, who ever since he had been Razzberry including himself. About him was gathered the Aldermen or Counday afternoon meeting, they were nearbender.

"Order," shouted Mike the Razz, and Minnie stuck her head in the door and said. "Well, what'll it be this time?"

"Not you," razzed Mike, "it's the aldermen I want order from." The six tired and true men lifted their heavy the Ed. heads and parked them on the heel of each respective palm, with the elcircled table.

"Look here, you guys," warned Mike the Mayor, "we gotta do something Gold Hill?" about this water and sewer business. We'll not be outa the trenches by Christmas. What are we gonna do with light a great idea. "Make a still out

all this pipe and stuff?" "That's right," muttered Jos. "I've | fallen into pipes two Saturdays in a row, and each Monday morning I find myself being parked on a different street. It's got so now a guy can't have like the beer out of the water pipes. his pipe and sleep in it without being | Everybody was interested now. disturbed. I move we move the pipe,'

out looking up.

Mike the Razz, pounded the table "Well . . ." when Mike kicked the door | an imaginary tap. shut on Minnie's face, and part of her l all laughed and laughed.

Still pounding the table Mike the

Ed, the derbie merchant, satd: "We come here to sit and think, and I'm just starting to think now. Did I hear you say something about the sewer

"Sure I did," snarled Mike the Razz 'What are we going to do with them?' "Make flower pots with them," suggested Sam the frumenti man. "Paint them up to look like tombstones, then Val d'Or was recently established as you wouldn't have to worry about a

> "I second the motion," said Mac the Again Mac pounded the table. Seven

Recess was called and all that could be heard was the contented belching

of the assembled self-styled city fath-Wiping his moustache, Mike the Razz suddenly roared, "Well what'll we do

A long pause followed during which in Val d'Or had given everybody the seven practically empty bottles were squeezed until they cracked.

Sam the frumenti man said: "Why cillors, all self-elected. There was Sam, not pipe beer through the water pipes. the local wholesaler of spirits frumenti; I'm tired delivering the stuff around Mac the Banker and Mac the Editor; to houses." Everybody sat suddenly for-Ed the merchant of derbies; and Max, ward. Their faces beamed with anticithe dispenser of cokes; and Joe, the pation. They could already see foam dispenser of townsites. It being a Sun- coming out of taps where only water used to froth before. Instead of a dip- down First street, the rye down Main ly all sleeping of the Saturday night | per over the old kitchen sink, they street and the gin down Third street.' would replace it with a nice, shiny mug.

> queried Mac the Editor. way?" snapped Mac the Banker.

bow parked on the edge of the glass something about these water pipes— rants gushing cocktails and kitchen by which the silica is dissolved into the and at the same time what are we taps foaming with beer. gonna do with that water tank up on

cillors jumped to their feet with the

"Pipe the Scotch down first street. "The rye down main street."

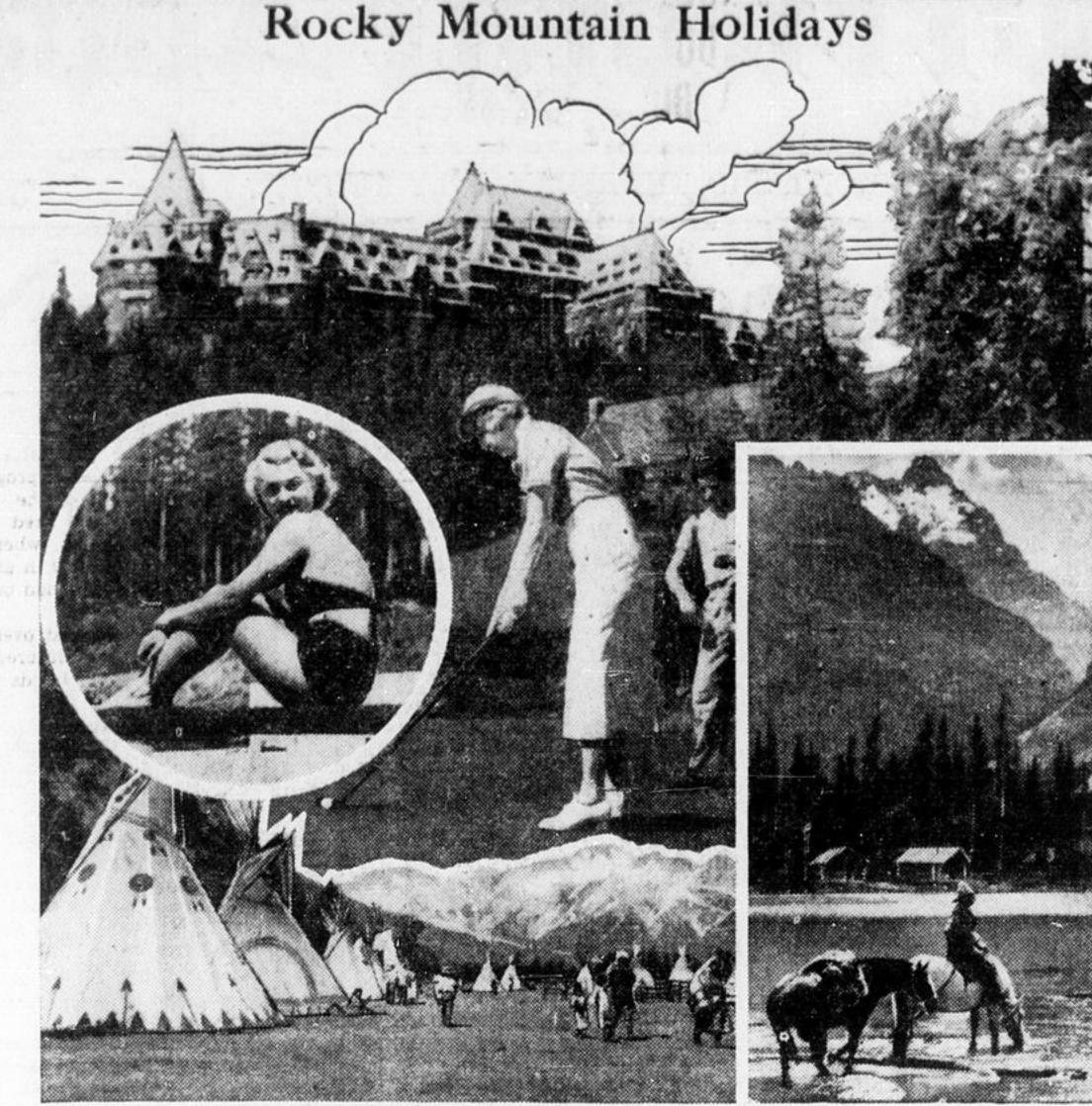
"The gin down Third street." The ideas came bubbling forth just

"Seconded," shouted Mac the banker. the pumping station and deliver them and discovery made in reference to sili "I'll play third," muttered Max, with- | from the hydrants on hot afternoons," | cosis by the research workers at the Mcsaid Joe, the townsite man.

so that Minnie again stuck her head dreamily muttered Ed the derbie man. Post, of Toronto, in its issue last week: in the door and had started to say He motioned with his hands, opening

pan was still in the door. She went and the suggestions were coming so and guinea pigs have been finding out theory that fibrosis was caused by wailing out to the kitchen. Mac the fast that they were all dry and breath-Editor leered and nodded toward the less when Minnie poked her adhesivedoor, "Minnie's been asking me how to | taped face in the door, "Who wants a get her face lifted for about a year double gin fizz?" she asked, looking little animals in an atmosphere impreg- dust, which would lower the solubility now. I guess she's fixed up now." They around at the muttering and jittery

Razz roared: "Say, what did you guys face covered with beads of perspiration come here for-aren't we supposed to as he rose to the occasion of incorporstraighten out the affairs of this town?" ating the most important motion ever



The busiest tourist season in Banff, riding and hiking over dian Rockies. Banff Springs Hotel and Chateau Lake Louise, recent- glacial lakes, and other sports ments. Among them are the Cally opened for the year, are enjoying mid-season popularity, while increasing numbers of visitors are planning holidays at the beautiful chalet-bungalow camps at Hot Springs.

ouncil of Val d'Or.

system in the town be readjusted to take care of the dispensing of scotch issue of the Journal of the Canadian mining province, should lead the way in Unanimous consent was given to the "What would we do for water?" new plan, which meant that the boys | tant industrial disease, is caused by the "What have you done about it any- trenches by Christmas and into the ticles of silica quartz into the lngs. drug stores for bromos by New Year's. Formerly it was thought that the irri-

"Oh, I was just thinking," answered A trifle dazed at their ambitious tation of these particles was the cause "Well, quit thinking, you guys," Minnie's ordered another round of (and the new process confirms this besquawked Mike the Razz, "and do beer and dozed off dreaming of hyd- lief) that a chemical action takes place ing liability and disability. To-day

#### With one loud shout all six coun- Holds Out New Hope for Silicosis Curb

Financial Post Reviews Experimental Work at the McIntyre Mine

There have been many recent refer-"We'll mix the cocktails down at ences to the notable experimentation Intyre Mine. Here is the reference to ! "Make mine a double gin fizz," the matter as given by The Financial Holds Out New Hope

Up at the McIntyre Porcupine Mines, lung. Everybody was jumping up and down Timmins, Ontario, a group of rabbits what it is like to live under the worst conditions a miner can face.

nated with fine silica dust, a process of the latter, the cause of the condihas been evolved, so simple as to amaze | tion would be removed. "Everybody does," shouted Mike, his the layman, by which definite hope of conquering the miners' greatest curse, silicosis, has been raised.

must go to J. J. Denny, M.Sc., metal- small amount of metallic aluminum, i Robson, M.B., chief surgeon at the same silicious material from passing into somine, Dr. Dudley A. Irwin, associate lution, professor, department of medical remine itself, and, of course, to the 249 | 96 per cent. rabbits and 120 guinea pigs who, willy nilly, assisted in the experiments.

Burden of Silicosis The burden which silicosis has placed prove this. on industry cannot be assessed numerically or in dollars and cents. The condition (silicosis is regarded as a condition) is dreaded not so much because of its prevalence, but because of its mals were sent from time to time to sinister approach and the individual Dr. Irwin in Toronto. These experihardships and suffering which causes. Actually, according to figures in silica dust contracted silicosis in supplied The Financial Post by Dr. C. varying degrees of intensity, while those H. Hair, president of Academy of Medi- subjected to the mixture showed minicine and medical officer for Accident mal or no fibrosis of the lungs. More-Prevention Associations, the incidence over, and equally important, was the of silicosis is approximately one-half of fact that the aluminum particles were one per cent. Of the 10,000 men em- found to have left no mark on the ployed, on an average, underground lungs or other organs of the animals' in Ontario mines, between 1932 and 1936 | bodies. an average of only 18 cases a year was reported. Since the problem of sili- group of experimenters, unknown to the tario authorities in 1926, the province larger scale, making certain, in true administering claims.

not be assessed in such small terms. In addition, the condition is not conindustries and occupations in which known as silicosis. silica dust is fanned into the air.

world, excellent fishing, and end- | sinibolne, July 30 to August 3; less opportunities for camera outing of Trail Hikers of Cana-Möraine Lake, Lake O'Hara, Lake hunting of big game and the re- dian Rockies in Moraine Lake Wapta, Yoho Valley, and Radium sult is Banff, Lake Louise, or any district, August 6 to 9; Banff golf of half a dozen Canadian Pacific week, August 23 to 28; and Yoho Attractions such as golf on the bungalow camps set in valleys or Valley reunion camp of the Alpine sporty championship course at by lakes of outstanding beauty.

Medical Association.

passed on the books of this fictional paper describing the process, prepared pound or is the reaction electrical? The by Denny, Robson and Irwin, was read | Post asked Dr. Hair this question, and "I move that the present water piping | recently before the Academy of Medi- got the reply that nobody knew, as yet. It is natural that Ontario, leading cine, and is published in the current

spectacular mountain trails, ten- eral feature events are held in

nis on splendid courts, boating on addition to the day-by-day amuse-

under ideal conditions make the gary Stampede, July 5 to 10; In-

Canadian Rockies Canada's lead- | dian Days at Banff, July 23 to 25;

ing summer playground. Add to outing of the Trail Riders of the

this scenery unexcelled in the Canadian Rockies to Mount As-

Chemical Action Silicosis, which is the most imporwould be out of the main street inhalation of fine, freshly broken parplans, the boys about the board at of the condition. Latterly it was believed body fluid, and causes fibrotic changes lished in four main centres, Timmins,

in the lung. Silicosis, according to Dr. Hair, does not directly cause tuberculosis but predisposes the sufferer to tuberculosis. and similar afflictions. Conversely, tubercular conditions leave the patient susceptible to silicosis.

In November, 1932, McIntyre's medical staff, aided financially by officials of the company, decided to conduct experiments with animals. Some 50 guinea pigs were placed in the crusher house tunnel of the mill where the dust contained about 35 per cent, free silica. The animals were left there for periods as long as a year. No silicosis condition was found on autopsy, although a considerable quantity of dust was bund to have collected at the bottom of the

The investigators, working on the chemical and not mechanical action decided that if some material could be As a result of the sojourn of these introduced into the lung with the silica

Metallic Alungium

The second element must, of course be non-injurious itself. Many were Credit for this epochal discovery by tried, but were discarded for one reason which the greatest advance ever made or another. Finally, on March 4, 1936, against dread silicosis is hoped for Denny and Robson discovered that a lurgical engineer at McIntyre, W. B. present, almost completely prevented

It has now been established that the search, University of Toronto, officials introduction of only 2 per cent. alumof the Banting Institute, and of the inum lowers the solubility of silica by

But would the introduction of aluminum into the lungs result in any injurious effects? Only actual tests could

Accordingly, a group of rabbits was subjected to silica dust alone and another to silica dust with a small addition of aluminum particles. The aniit ments showed that the rabbits exposed

Cheered by this discovery, the little cosis was first taken seriously by On- public continued their experiment on a sity. Previously many cases were known celebrated, Dorothy Andrews and Mar- ful Guide went to Helen Haneberry. has paid out the amazingly small total scientific style, of the truth of their of \$1,783,197.41 in compensation, medi- beliefs before making them known. To cal aid, and the cost of handling and make a long story short, these further experiments definitely established, be-Individual suffering, however, can- yound doubt, that introduction of a very small quantity of metallic aluminum the fact that certain people, through ice-cream arrived in time for the Munro, Louise Kellow, Elaine Dogue. inhibited the solubility of silica, therefined to mining, but is found in all by preventing the fibrotic condition naturally susceptible to silicosis, that cheers were given for the donor, Mr. Guides into the First South Porcupine

Action Is Unknown covery can hardly be exaggerated. A ca and aluminum form a chemical com- to silicosis.

Club of Canada from July 17 to 31.

Each year in the Rockies sev-

cases. Even in that province, however, adequate means of coping with problem are of comparatively recent date. First compensation for silicosis was paid in 1926, although compensation had been paid prior to that date for miners' pythisis. In 1926, assessexamining centres have been estab-Kirkland Lake, Sudbury and Fort William. Every miner must undergo examination once a year, at one of these

Broadly the basis of compensation is that if a man is disabled from silicosis. ne gets a pension of 66% of his average income for the previous six months. If tuberculosis also, he gets 50 per cent. and attention free.

he had a well-healed tubercular condition. Now, however, the rule is strict, and no man who has had tuberculosis. even though fully recovered, is allowed for two weeks longer. to work under conditions likely to result in silicosis. One of the things which Dr. Hair, them

during his long experience in such matters, has ascertained, is that two men may be working for exactly the same have developed a machine whereby dust year is blown into a man's nose and mouth. be susceptible to silicosis under ordin- jorie Costain as Junior Leader. ary conditions.

fact that Lancashire miners, whose Louise Kellow, Theresa Miner and Marrespiratory system proper.

disease, silicosis is not progressive, and Norma McCaw, Audrey McCaw, Eura camp passing 30-foot test-Norma and if a man is found, in the course of his Smith, Evelyn Disher, Marjorie Ewing, Audrey McCaw, Evelyn Disher, Marjorannual examination, to have dust in Claudine Perron. is either cured, or remains static.

ation of all students seeking to take a campfires. years at college, get his degree in min- during camp week.

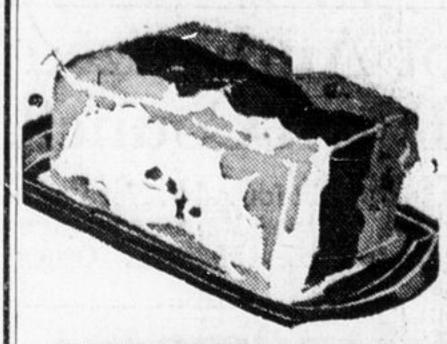
Examination of Students

in Ontario all surface mine workers P. Millions.

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One does not contract silicosis quick- munity was in the neighbourhood of ly. Figures supplied by Dr. Hair show \$60,000 monthly. tract it more readily than others.

the Workmen's Compensation Board. and composed of four representatives be around the same. from the bigger mines, has been studying the problem, particularly from a rolls in this vicinity amount to over medical and ventilation angle. Much \$250,000 monthly it is startling to progress has been made along these realize that about one-quarter of that lines, and along the lines of wet and amount goes into liquid form. If this dustless drilling.

#### Claims Val d'Or's Beer Bill installing tanks similar to those used Quarter of Whole Payroll into the houses.

(Ffom Val d'Or News)

a legal spot in the entire district for returned from a trip to Northern Onthe comfortable consumption of beer. Canada in the handling of silicosis it was estimated by means of checking the North when the trans-Canada with the boatloads and truckloads of highway would be finished. "Two or "stuff" that came into this immediate three elections should see the thing area that the beer bill of the com- through," was the apt reply.

that on the average it takes 15 years | Now that the entire community is of working in dusty conditions to pro- served legitimately it will be interesting duce the condition, although, of course, to see how that figure checks up with this is an average only, and some con- the actual sales recorded by the distributors. It is true that the price of a In all mining provinces, steady pro- case of beer has come down from gress has been made in the direction around an average of \$5.00 a case to of checking silicosis. For the last two \$3.00, but the population has increased years in Ontario, a technical silicosis just about that proportion and therecommittee, working in conjunction with fore the total amount spent by the

community in this commodity will just

When it is considered that the paykeeps up the transporters instead of taking it around in case lots will be

by the gas companies and piping it

Sudbury Star:-The Peterborough During last year when there wasn't | Examiner interviewed a citizen who had tario. He had asked a garage man in

#### Happy Girl Guide Camp ments were first collected, largely based on the South African method of assessing liability and disability. To-day, Held at Night Hawk Lake

Twenty-five Girls From South Porcupine and Dome Enjoy Delightful Outing. Winners of Prizes at Event. Plans Already Under Way for Bigger and Better Camp Next Year

South Porcupine, Ont., July 14, 1937, campfire.

time they had in that ideal camping tle to "dress up" in, so their ingenuity In the early days, the tendency was spot, with their ideal commandant, was taxed to the utmost. to allow a man a miner's certificate if Mrs. D. Leiterman, of the Dome. It has The resulting costumes were exdone them good in many ways—all are tremely gratifying. The Minnehaha sorry that it was not possible (and Patrol represented the Dionne Quints mainly financially not possible) to stay complete with two nurses and a doctor.

Boys and our Girls have rented it from ter tops (Guide ties opened out). Mary

town is out this fall for a vigorous cam- They made a decided hit. Hair replied that in a general way without money we can do very little, ese. All were good. there was. If it was found that an ap- The ambition is to have-not only a Scouter Bell and Cubmaster Leiter-

His upper respiratory organs are then Guides from Dome and South Porcu- 2nd, Theresa Miner-Gypsy, examined, and if over 45 per cent. of pine went into camp at Nighthawk with For originality a little Guide-Claud-

Some men are just naturally equip- trols: "Minniehaha," consisting of Mary bag. She looked like a little fairy. ped to keep dust from entering their Curtis, Joan Maxwell-Smith, Elaine lungs. In this regard, it was a strange Dogue, Dorothy Deacon, Doris McGinn, nington and Violet Hedges. "Beach Joan Maxwell-Smith. Being a condition, rather than a Bunkies" Patrol-Helen Haneberry, Guides unable to swim previous to

the lungs, or a silicosis condition not Camp routine was quickly taken up Hedges, Claudine Perron, Doris Mcsufficient to disable him, he is put to and began with morning dip. Swim- Ginn work on an outside job. His condition ming instruction was given in the Marjory Maxwell-Smith completed morning and afternoon.

The noon meal was eaten "out-of- ficiency badge One of the innovations introduced doors," most often prepared by the

mining engineering course at univer- On Wednesday two birthdays were The staff prize for the most thoughtwhere a young man would spend four jorie Maxwell-Smith having a birthday

ing engineering, and then be refused a A huge birthday cake was made and Disher. of faulty lung or respiratory condition for their Cook's badge. The cake was low; 2nd-Elaine Dogue. So sure are authorities by now of a real success. A generous donation of Diagonal and square lashing-Helen

tuberculosis or faulty respiration, are birthday party, and three rousing Captain Leiterman enrolled four

Thus the importance of the new dis- | Why does this happen? Does the sili- to whether or not they have a tendency impromptu programme took place in Smith and Claudine Perron. the dining room, instead of evening Camp closed on Sunday, July 11th.

(Special to The Advance)-Twenty- Songs, country dances, sketches and five sunburned healthy-looking little tap dancing was followed by a singas a complication of silicosis, he has girls are back in town from Guide song in which visitors to camp joined. Camp at Nighthawk Lake, and their On Saturday evening the Big Masof his earnings, plus all medical aid looks alone tell the world what a happy querade was held. The Guides had lit-

> The quints were dressed alike in play The camp site belongs to the Tuxis suits made of "gym" bloomers and hal-Curtis made a fine Dr. Dafoe; Marjorie The Committee of Girl Guides in this Costain and Doris McGinn, nurses.

paign for our girls' welfare. It is of | Eura Smith was a Turk; Norma Mclength of time in exactly similar con- vital importance that our young girls Caw a pirate; Violet Hedges a Charlesditions, and only one contract silicosis. should be able to have the training and ton clown; Betsy Pennington a tap Asked if there was any way of de- the discipline and the benefits which dancer; Elaine Leiterman and Marjorie termining, beforehand, whether a man this associaton can give them; but the Ewing were tramps; Margaret Burton was susceptible to silicosis or not, Dr. handicaps financially are great, and a sailor; Mildred Rickward a Japan-

plicant for a miner's license had faulty hall of their own, but a camp of their man of the Dome were judges and upper respiratory organs, he was not own where it will be possible to send awarded the following prizes:-Fancy, allowed to work underground. Germans at least twice as many Guides as this 1st, Helen Haneberry-Summer girl; 2nd, Dorothy Andrews-Chinese coolie: On Saturday, July 3rd, twenty-five comic-first, Evelyn Disher-"Topsy:"

the dust is found to have collected in Mrs. Leiterman as Commandant and ine Perron-took first prize. She wore these organs, it is felt that he will not Mrs. S. Jay as Quartermaster and Mar- a dainty costume, planned and made by herself from paper napkins, com-The camp was divided into three pa- plete even to shoes, hat and tiny hand-

"Quint" group was second. Swimming Tests

Guides passing 50 yards (any stroke) fathers and fathers' fathers had work- jorie Maxwell-Smith. The "Dome Nug- in good form for 1st class-Marjorie ed underground, tended to have an ex- get Patrol"-Helen Munro, Maureen Costain, Mary Curtis, Louise Kellow, cess of long hairs in their noses, an Thomas, Dorothy Andrews, Joyce Joyce Eames, Helen Haneberry, Betsy effective method of catching the dan- Eames, Elaine Leiterman, Margaret Pennington, Elaine Dogue, Dorothy Angerous dust before it could enter the Burton, Mildred Rickward, Betsy Pen- drews, Margaret Burton, Eura Smith,

ie Ewing, Elaine Leiterman, Violet

requirements for her swimmer's pro-

Mary Curtis, Theresa Miner, Marby Dr. Hair is the compulsory examin- Guides themselves over individual jory Maxwell-Smith won their cook's

Guides' Choice was Helen Munro.

The "Happiest Guide" was Evelyn license to work underground, because appropriately iced by Guides working | Handicraft prizes-1st-Louise Kel-

Company. The tenderfoot Guides are are being examined, and notified as In the evening, because of rain an Audrey McCaw, Evelyn Disher, Eura

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connect at North Bay with C.P. train 2 leaving 8.20 p.m. same date. Passengers who use Train 46 will arrange their own transfer to North Bay C.P. Depot and take C.P. Train 8 leaving at 1.00 a.m. Friday, Tickets are valid to return leaving destination point not later than C.P. Train 1 from Windsor St. Station, Montreal, 10.15 p.m. Sunday, August 1st and connection at North Bay with our Train 1 at 12.45 p.m.

leave not later than C.P. Train 7 from Montreal 7.50 p.m. Sunday, Aug. 1st to connect at North Bay with our Train 47, Monday, Aug. 2nd. Tickets will not be honoured on Trains 49-50. "The Northland." Tickets destined Quebec and Ste. Anne de Beaupre not good on Semi-Streamlined Trains 350 and 352 to Quebec or 349 and 351 from Quebec

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