

# Mines Minister Foresees Record Output This Year

OTTAWA (CP)—Mines Minister Peppin has predicted Canada's mineral industry this year will outstrip the record \$3,737,956,000 production value it reached in 1965.

"In fact, there is a strong possibility the industry will not only set a record in value of production but that it will actually reach the \$4,000,000,000 goal forecast for it in 1967," the minister said in a prepared statement.

It followed release of record mineral production figures by the Dominion Bureau of Statistics. Figures showed copper, iron ore, lead, nickel, zinc, natural gas, crude petroleum, cement and sand and gravel production all increased in value in 1965.

Mr. Peppin, who will become minister of energy and resources in a department to be formed this year, based his prediction on industry performance in the last few years.

It gained momentum until its three sectors—metals, industrial minerals and fuels—were making strong advances, supported by high mineral exploration and development, he said.

**START OIL PRODUCTION**  
Mr. Peppin noted that in 1965, the Rainbow Lake Oilfield in northern Alberta came into production. One lead-zinc mine, four copper-zinc mines, four copper mines, two nickel mines, four molybdenum and two iron ore mines also went into production.

All provinces increased mineral output in 1965, Ontario, Alberta, Newfoundland and Labrador showing the greatest value increases.

Ontario remained the leading producer with 26.4 per cent, or \$986,000,000 worth of production. Alberta was next with 21.4 per cent and Quebec third with 18.8 per cent.

Metals output was valued at \$1,923,000,000, a gain of \$221,000,000 over 1964. Industrial minerals were worth \$734,000,000, up from \$687,000,000, and mineral fuels production rose to \$1,800,000,000 from \$990,000,000.

Of the 50 mineral commodities produced, crude petroleum led the field in value at \$718,000,000. Nickel was next at \$435,000,000 followed by iron ore at \$422,000,000.

**LEADS WORLD**  
Canada led the world in production of nickel-platinum and zinc and was second in production of asbestos, uranium, Cobalt, cadmium and titanium.

and Speaking Personally — CBC  
10:15—Hodys Editorial and Speaking Personally  
10:30—Chamber Music  
11:00—Concerts From Abroad

**CBA RADIO**  
**THURSDAY**  
6:00—The Morning Show  
7:00—The Morning Show, Part 1  
8:15—Maritime Sportscast  
8:21—The Morning Show, Part 2  
8:35—Max Ferguson Show  
9:00—CBC News  
9:10—Commentary  
9:15—Assignment  
9:21—A.M. Chronicle  
10:45—Playroom  
11:00—CBC News  
11:05—Joan Marshall  
11:15—For Consumers  
11:20—To Market With Music  
11:30—The Archers  
11:45—Music On The Heather  
11:55—Assignment  
12:00—Jamboree Junction  
12:15—That MacKinnon Girl  
12:30—Maritime Farm Broadcast  
1:00—CBC News and Weather  
1:15—Gordie Tapp Show  
1:45—Time Out For Melody  
1:59—D.O. Time Signal  
2:00—Time Out For Melody  
2:15—Atlantic School 'Best Of Favorites'  
2:30—Atlantic School Best "Adventures in Song"  
3:00—CBC News  
3:03—Trans-Canada Matinee  
3:30—Trans-Canada Matinee  
4:00—CBC News  
4:03—Canadian Roundup  
4:10—Music In The Air  
4:15—Music In The Air  
4:30—Assignment  
4:35—Music In The Air  
5:00—Mar. Fish Broadcast  
5:20—Tempo  
5:35—Assignment  
5:45—Tempo and Notebook  
6:00—CBC News  
6:15—On Parliament Hill  
6:20—Today's Editorial  
6:25—Inland Weather and Sports Scores  
6:30—Business Barometer  
6:35—Who Will Come With Me  
6:50—Rod and Charles  
7:05—Music In The Evening  
7:30—Soundings  
8:00—CBC Talent Festival  
8:30—Music Diary  
9:00—Symphony Hall Toronto Symphonic Orch.  
10:00—CBC National News  
10:15—Today's Editorial and Speaking Personally  
10:30—Chamber Music  
11:00—Ukrainian Christmas Eve Service  
12:00—CBC News  
12:03—Sports Scores, Inland and Maritime Weather  
12:15—Music In The Night

**CKCW-TV**  
9:57 a.m.—Station Sign On  
10:00 a.m.—Ivanhoe  
10:30 a.m.—Nova Scotia Schools  
11:30 p.m.—Friends  
11:45 a.m.—Chez Helene  
12:00 p.m.—Butternut Square  
12:20 p.m.—Across Canada  
12:50 p.m.—Thursday Playbill  
On The Waterfront  
2:33 p.m.—At Home With Helen Crocker  
3:00 p.m.—To Tell The Truth  
4:00 p.m.—Take This Prudden  
4:30 p.m.—Razzle Dazzle  
5:00 p.m.—Atom Ant  
5:00 p.m.—Taytown LTV  
6:00 p.m.—Super Club  
6:15 p.m.—TV News  
6:25 p.m.—TV Sports  
6:35 p.m.—Super Club  
7:00 p.m.—Thursday Night at the Movies  
The King and Four Queens  
9:00 p.m.—Seaway  
10:00 p.m.—I Dream of Jeannie  
10:30 p.m.—Telescope  
11:00 p.m.—Payton Place II  
11:30 p.m.—Money West  
12:00 a.m.—CBC National News  
12:15 a.m.—Viewpoint  
12:20 a.m.—Lionel-Television News  
12:30 a.m.—Station Sign Off

**CFCY RADIO**  
**THURSDAY**  
6:30—News and Weather  
6:35—Morning Roundup  
6:45—Island W. and Mar. Temp.  
6:55—Morning Roundup  
7:00—News and Weather  
7:05—Hebrew Christian Hour  
7:15—Morning Roundup  
7:30—News and Weather  
7:35—Farm Report  
7:41—Morning Roundup  
7:45—Island W. and Mar. Temp.  
7:46—Sports Capsule and Scoreboard  
8:00—News  
8:11—Weather  
8:16—Morning Roundup  
8:45—Weather  
8:50—Atlantic News Roundup  
8:58:45—Thought For Today  
9:00—CBC National News—CBC  
9:10—Preview Commentary—CBC  
9:15—Assignment  
10:00—News and Weather  
10:05—Notes and Music  
10:40—Mr. Co-op Program  
10:50—Notes and Music  
10:55—Lucky 7 Contest  
11:00—News and Weather  
11:05—News and Views on Groceries  
11:20—Notes and Music  
11:45—Bulletin Board  
11:50—Notes and Music  
11:55—Atlantic News Roundup  
12:00—Weather  
12:05—Town and Country Time  
12:30—News and Weather  
12:45—Town and Country Time  
1:00—News and Weather  
1:05—Story To Remember  
1:15—What's On Tapp—CBC  
1:45—Town and Country Time  
2:00—News and Music  
2:05—Soundings  
3:00—News Headlines and Weather  
3:03—Trans-Canada Matinee—CBC  
3:30—Mostly Music  
4:00—News Headlines and Weather  
4:03—Canadian Roundup—CBC  
4:10—Tops In Pops  
5:00—News and Weather  
5:05—The Outposts  
5:25—20 Minute Weather  
5:28—The Outposts  
6:00—News and Weather  
6:15—On Parliament Hill—CBC  
6:20—Today's Editorial—CBC  
6:35—Tonight's Music  
6:45—Sports Parade  
6:50—Business Barometer—CBC  
6:55—Who Will Come With Me  
7:00—Rod and Charles  
7:05—Soundings  
7:05—Music In The Evening  
(Cont'd)  
8:00—CBC News and Inland W.  
8:00—Talent Festival CBC  
8:30—Winnipeg Pops Christmas  
9:00—Symphony Orchestra  
10:00—CBC Nat. News. on Par. H.

**ON THE AIR**  
The following program listings are published free of charge as a public service and appear as presented to us by the stations concerned.

**THURSDAY PROGRAMS**  
**CFCY-TV**  
10:45 a.m.—Musical  
2:00 p.m.—Film—Festival  
2:30 p.m.—Today At Home  
3:00 p.m.—To Tell The Truth  
3:25 p.m.—Take 30  
4:00 p.m.—Bonnie Prudden Show  
4:31 p.m.—Razzle Dazzle  
5:00 p.m.—Wild Bill Hickok  
5:30 p.m.—Music Hop  
6:00 p.m.—The Challenge of Change  
7:00 p.m.—CFCY IV News  
7:15 p.m.—Keyboard Melodies  
7:30 p.m.—Please Don't Eat The Daisies  
8:00 p.m.—Shannon  
8:30 p.m.—The Law & Mr. Jones  
9:00 p.m.—Seaway  
10:00 p.m.—I Dream of Jeannie  
10:30 p.m.—Telescope  
11:00 p.m.—Naked City  
12:00 p.m.—CBC IV News  
12:13 a.m.—Local Weather and Sports  
12:15 a.m.—Sign Off

**CKCW-TV**  
9:57 a.m.—Station Sign On  
10:00 a.m.—Ivanhoe  
10:30 a.m.—Nova Scotia Schools  
11:30 p.m.—Friends  
11:45 a.m.—Chez Helene  
12:00 p.m.—Butternut Square  
12:20 p.m.—Across Canada  
12:50 p.m.—Thursday Playbill  
On The Waterfront  
2:33 p.m.—At Home With Helen Crocker  
3:00 p.m.—To Tell The Truth  
4:00 p.m.—Take This Prudden  
4:30 p.m.—Razzle Dazzle  
5:00 p.m.—Atom Ant  
5:00 p.m.—Taytown LTV  
6:00 p.m.—Super Club  
6:15 p.m.—TV News  
6:25 p.m.—TV Sports  
6:35 p.m.—Super Club  
7:00 p.m.—Thursday Night at the Movies  
The King and Four Queens  
9:00 p.m.—Seaway  
10:00 p.m.—I Dream of Jeannie  
10:30 p.m.—Telescope  
11:00 p.m.—Payton Place II  
11:30 p.m.—Money West  
12:00 a.m.—CBC National News  
12:15 a.m.—Viewpoint  
12:20 a.m.—Lionel-Television News  
12:30 a.m.—Station Sign Off

**CFCY RADIO**  
**THURSDAY**  
6:30—News and Weather  
6:35—Morning Roundup  
6:45—Island W. and Mar. Temp.  
6:55—Morning Roundup  
7:00—News and Weather  
7:05—Hebrew Christian Hour  
7:15—Morning Roundup  
7:30—News and Weather  
7:35—Farm Report  
7:41—Morning Roundup  
7:45—Island W. and Mar. Temp.  
7:46—Sports Capsule and Scoreboard  
8:00—News  
8:11—Weather  
8:16—Morning Roundup  
8:45—Weather  
8:50—Atlantic News Roundup  
8:58:45—Thought For Today  
9:00—CBC National News—CBC  
9:10—Preview Commentary—CBC  
9:15—Assignment  
10:00—News and Weather  
10:05—Notes and Music  
10:40—Mr. Co-op Program  
10:50—Notes and Music  
10:55—Lucky 7 Contest  
11:00—News and Weather  
11:05—News and Views on Groceries  
11:20—Notes and Music  
11:45—Bulletin Board  
11:50—Notes and Music  
11:55—Atlantic News Roundup  
12:00—Weather  
12:05—Town and Country Time  
12:30—News and Weather  
12:45—Town and Country Time  
1:00—News and Weather  
1:05—Story To Remember  
1:15—What's On Tapp—CBC  
1:45—Town and Country Time  
2:00—News and Music  
2:05—Soundings  
3:00—News Headlines and Weather  
3:03—Trans-Canada Matinee—CBC  
3:30—Mostly Music  
4:00—News Headlines and Weather  
4:03—Canadian Roundup—CBC  
4:10—Tops In Pops  
5:00—News and Weather  
5:05—The Outposts  
5:25—20 Minute Weather  
5:28—The Outposts  
6:00—News and Weather  
6:15—On Parliament Hill—CBC  
6:20—Today's Editorial—CBC  
6:35—Tonight's Music  
6:45—Sports Parade  
6:50—Business Barometer—CBC  
6:55—Who Will Come With Me  
7:00—Rod and Charles  
7:05—Soundings  
7:05—Music In The Evening  
(Cont'd)  
8:00—CBC News and Inland W.  
8:00—Talent Festival CBC  
8:30—Winnipeg Pops Christmas  
9:00—Symphony Orchestra  
10:00—CBC Nat. News. on Par. H.

**CONTRACT BRIDGE**  
By B. JAY BECKER

South dealer. Neither side vulnerable.

**NORTH**  
♠ Q 9 8 7 5  
♥ K Q  
♦ 10 4  
♣ Q 7 2

**WEST**  
♠ J 10 4 3  
♥ 8 6  
♦ A Q J 5 2  
♣ 6 5

**EAST**  
♠ A K 2  
♥ J 10 9 7 4 2  
♦ 8 3  
♣ 10 9

**SOUTH**  
♠ A 5 3  
♥ K 9 7 6  
♦ A K 8 4 3  
♣ A 3

The bidding:  
South West North East  
1 ♠ Pass 1 ♠ Pass  
2 ♠ Pass 2 ♠ Pass  
2 NT Pass 3 NT Pass  
Pass Dble

Opening lead—three of spades.

The opening lead has a vital effect on the outcome of many hands. Here is an extraordinary case from a rubber bridge game.

Star of the hand was Alvin Roth, New York expert, who sat West. His double of three notrump was both imaginative and bold, but his efforts would have come to naught if he had made the wrong opening lead.

Suppose he had led the queen of diamonds, which is what many players would have done in his position. In that case South would have made the con-

tract with an overtrick for a score of 650 points (if we count the value of a game as 300 points).

Similarly, if Roth had led a heart or a club, South would have made three notrump for a score of 550 points.

But Roth led a spade and South was a deceased pigeon. In desperation, he put on the queen, but it lost to the king. Peculiarly enough, South got squeezed on the very first trick. Had he had the lead he could have grabbed nine quick tricks, but, with the opponents in the lead, he was in bad shape.

Reluctant to part with one of his winners, Roth discarded a diamond. East thereupon returned a diamond, which lost to the jack.

Roth now made the excellent play of the jack of spades, followed by a low spade. He wanted to be certain that East would play a diamond back when he took the ace of spades. Roth was afraid that if he played the four instead of the jack, East might get nervous and return a spade in order to make sure of cashing the setting-trick.

East did return a diamond and the outcome was that the defense scored four spades and five diamonds to inflict a five-trick defeat—900 points.

All of which came from a well-judged double, and, lest we forget, a well-judged opening lead.

## Michael Chaplin Takes Movie Job

LONDON (AP)—Michael Chaplin, 19, son of Charlie Chaplin, has forsaken his beatnik life and his beard for a job with his father's new movie project—under an alias.

He has been working with the production unit of the movie, tentatively called A Countess from Hong Kong, for about a month. He is using the name Michael James.

Michael's job gives a hint of reconciliation with his father after a series of rifts last year. Asked whether there has been a reconciliation, the young Chaplin said: "I don't want to make any statements about myself." He is working on the movie as an assistant producer.

As for the alias he is using, a spokesman for the movie company said: "I guess Michael used the assumed name because he did not want any publicity."

The movie, featuring Sophia Loren and Marlon Brando, is expected to start shooting at studios outside London in a few months.

**OPERA WAS BOOED**  
Puccini's opera Madame Butterfly was booed at its premiere in Milan in 1904.

## RIPLEY'S BELIEVE IT OR NOT

There had been considerable base metal exploration activity in Nova Scotia, with no important discoveries. The province remained leading producer of gypsum and coal.

Iron ore shipments from Labrador were at an all-time high, approaching 12,500,000 long tons.

## Huge Changes Are Foreseen For Toronto

TORONTO (CP)—Fred Gardiner, former chairman of the Metropolitan Toronto council, predicts that one-fifth of Canada's population will live in an area 15-miles wide between Oshawa and Niagara Falls by the year 2000.

"Metro Toronto will be its axis," he said.

Mr. Gardiner, now retired, foresaw "unbelievable changes" for the metro area in the next 35 years.

By then, Metro's boundaries will extend 33 miles eastward to Oshawa, and to Oakville, 29 miles to the west, he said.

A vast, 80-mile-an-hour commuter service operated by computers will be required to serve the area. There will be a network of pedestrian tunnels where citizens will shop, eat and be entertained under the city, he said.

Vast networks of expressways and "super-highways" will spring up, including an 150-mile "corridor" for urban traffic between Oshawa and Niagara Falls. The corridor will complement a vast expressway system between the two cities, he said in a speech to a board of trade dinner.

**LETTER CARRIERS**  
in rural districts of Anhwei, China, still traverse rivers on their routes.  
Submitted by Kenneth J. Fitch, New Rochelle, N.Y.

**DAILY CROSSWORD**

ACROSS	DOWN	19. Island off Denmark
1. Anxiety	1. Persuade	20. Blacken unit
5. Trailer of a sort	2. Porch	21. Guiding
9. Fruits of the pine	3. An old car	22. Sting-
10. Stomata	4. Electric unit	23. Lungs
12. Upan	5. Seed	25. Agave fiber
13. Amy or James Russell	6. Lack of courage	27. Storage areas
14. Grape	7. Russian city	29. Lumber
15. Virtuously	8. Healthy	31. Choose
16. Where to find	9. War horse, poet.	32. Harvest
17. Less	10. Cunning	33. French
18. Traps	11. Moos	36. One kind of biscuit
20. Tureen	12. Encounter	38. One kind of verb: abbr.
24. Glory	15. Brotherly	
25. Horse		
26. Pause		
27. Wrangle		
28. Choice group		
30. Print measur		
31. Simple wind instrument		
34. Mineral source		
35. Etchings		
36. Point of land		
37. Jewish law		
38. "Salad days"		
39. Goddess of volcanoes: Haw.		
40. Chimed		

**DAILY CRYPTOQUOTE** — Here's how to work it:  
A X Y D L B A A K E  
L O N G F E L L O W  
One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**OUR BOARDING HOUSE MAJOR HOOPLE**

PROFESSOR KUNDERSTOUP HAS DECIDED TO STAY, MARTHA! HOW FORTUNATE THAT I WAS ON HAND TO COME HIM TO THE MANOR—I KNEW JUST WHAT TO SAY! INCIDENTALLY, I HAD TO GLOSS OVER THE LOUSY BEHAVIOR OF THE OTHER BOARDERS, BUT PERHAPS I CAN BREAK THE NEWS TO HIM GENTLY! UM-HA! AFTER HE'S SETTLED, OF COURSE!

HAPPY! HE CAN ADJUST JUST LIKE EVERYONE ELSE AROUND THIS HOUSE! BUT I'LL HAVE TO REMEMBER TO PUT THE MEAT PLATTER IN FRONT OF HIM! OTHERWISE HE MAY STARVE BEFORE HE LEARNS THE JUNGLE LAW AROUND HERE!

**CONTRACT BRIDGE**  
By B. JAY BECKER

South dealer. Neither side vulnerable.

**NORTH**  
♠ Q 9 8 7 5  
♥ K Q  
♦ 10 4  
♣ Q 7 2

**WEST**  
♠ J 10 4 3  
♥ 8 6  
♦ A Q J 5 2  
♣ 6 5

**EAST**  
♠ A K 2  
♥ J 10 9 7 4 2  
♦ 8 3  
♣ 10 9

**SOUTH**  
♠ A 5 3  
♥ K 9 7 6  
♦ A K 8 4 3  
♣ A 3

The bidding:  
South West North East  
1 ♠ Pass 1 ♠ Pass  
2 ♠ Pass 2 ♠ Pass  
2 NT Pass 3 NT Pass  
Pass Dble

Opening lead—three of spades.

The opening lead has a vital effect on the outcome of many hands. Here is an extraordinary case from a rubber bridge game.

Star of the hand was Alvin Roth, New York expert, who sat West. His double of three notrump was both imaginative and bold, but his efforts would have come to naught if he had made the wrong opening lead.

Suppose he had led the queen of diamonds, which is what many players would have done in his position. In that case South would have made the con-

tract with an overtrick for a score of 650 points (if we count the value of a game as 300 points).

Similarly, if Roth had led a heart or a club, South would have made three notrump for a score of 550 points.

But Roth led a spade and South was a deceased pigeon. In desperation, he put on the queen, but it lost to the king. Peculiarly enough, South got squeezed on the very first trick. Had he had the lead he could have grabbed nine quick tricks, but, with the opponents in the lead, he was in bad shape.

Reluctant to part with one of his winners, Roth discarded a diamond. East thereupon returned a diamond, which lost to the jack.

Roth now made the excellent play of the jack of spades, followed by a low spade. He wanted to be certain that East would play a diamond back when he took the ace of spades. Roth was afraid that if he played the four instead of the jack, East might get nervous and return a spade in order to make sure of cashing the setting-trick.

East did return a diamond and the outcome was that the defense scored four spades and five diamonds to inflict a five-trick defeat—900 points.

All of which came from a well-judged double, and, lest we forget, a well-judged opening lead.

**DAILY CRYPTOQUOTE** — Here's how to work it:  
A X Y D L B A A K E  
L O N G F E L L O W  
One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**OUR BOARDING HOUSE MAJOR HOOPLE**

PROFESSOR KUNDERSTOUP HAS DECIDED TO STAY, MARTHA! HOW FORTUNATE THAT I WAS ON HAND TO COME HIM TO THE MANOR—I KNEW JUST WHAT TO SAY! INCIDENTALLY, I HAD TO GLOSS OVER THE LOUSY BEHAVIOR OF THE OTHER BOARDERS, BUT PERHAPS I CAN BREAK THE NEWS TO HIM GENTLY! UM-HA! AFTER HE'S SETTLED, OF COURSE!

HAPPY! HE CAN ADJUST JUST LIKE EVERYONE ELSE AROUND THIS HOUSE! BUT I'LL HAVE TO REMEMBER TO PUT THE MEAT PLATTER IN FRONT OF HIM! OTHERWISE HE MAY STARVE BEFORE HE LEARNS THE JUNGLE LAW AROUND HERE!

**CONTRACT BRIDGE**  
By B. JAY BECKER

South dealer. Neither side vulnerable.

**NORTH**  
♠ Q 9 8 7 5  
♥ K Q  
♦ 10 4  
♣ Q 7 2

**WEST**  
♠ J 10 4 3  
♥ 8 6  
♦ A Q J 5 2  
♣ 6 5

**EAST**  
♠ A K 2  
♥ J 10 9 7 4 2  
♦ 8 3  
♣ 10 9

**SOUTH**  
♠ A 5 3  
♥ K 9 7 6  
♦ A K 8 4 3  
♣ A 3

The bidding:  
South West North East  
1 ♠ Pass 1 ♠ Pass  
2 ♠ Pass 2 ♠ Pass  
2 NT Pass 3 NT Pass  
Pass Dble

Opening lead—three of spades.

The opening lead has a vital effect on the outcome of many hands. Here is an extraordinary case from a rubber bridge game.

Star of the hand was Alvin Roth, New York expert, who sat West. His double of three notrump was both imaginative and bold, but his efforts would have come to naught if he had made the wrong opening lead.

Suppose he had led the queen of diamonds, which is what many players would have done in his position. In that case South would have made the con-



GRANDMA  
MICKY MOUSE  
ETA KET  
SECRET AGENT X-9  
HENRY  
THE LONE RANGER  
NUBBIN  
JOE PALOOKA  
MUGGS & SKEETER  
L'IL ABNER