

826927  
Pavilion Copper

92 I

EXTRACT FROM ROD MACRAE'S LETTER DATED MAY 30th, 1960

Pavilion Copper: 122-51 degs.

Andy Hay reports MacDonald, his Indian prospector failed to find any new showings of the chalcopryrite in monzonite on the west side of the Fraser River vicinity of the Moran Dam. Hay is of the opinion that further work by the Indian searching for better exposures would be a waste of money, suggests we move in and prospect the area. Best assay we had on samples I took from the area in January was 0.90 Cu.

Assessment:

Pavilion Copper deposit can be left for a late fall search.

CERTIFICATE OF ASSAY

File #180071

Pavilion Ck Cu.

J. R. WILLIAMS & SON LTD.

PROVINCIAL ASSAYERS AND CHEMISTS

Office and Laboratory:

580 Nelson Street, Vancouver 2, B. C.



I **Hereby Certify** that the following are the results of assays made by me upon samples of ORE herein described and received from Messrs. Prospector's Airways March 1st 19 60

MARKED	GOLD		SILVER		Copper				GROSS TOTAL VALUE (2000 lbs.) Per Ton
	Ounces Per Ton	Value Per Ton	Ounces Per Ton	Value Per Ton	Per Cent.	Value Per Ton	Per Cent.	Value Per Ton	
937		\$		\$	0.35			\$	Pavilion Ck Copper
<p>Notes: Grab sample from 18 inch exposure of syenite, min. with Chalcopyrite. exposure is 20 feet east of the main pit.</p>									

A		N
	W.S.R.	
	G.A.C.	
	G.H.M.	
✓	E.O.C.	✓
	H.A.P.	
	R.D.S.	
	B.C.B.	
	E.L.D.	
	J.I.B.	
✓	E.C.I.	

Gold calculated at \$.....per ounce.

Silver calculated at.....cents per ounce.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

NOTE—Pulps of Samples retained 2 months from date of Receipt.

Rejects 1 week unless otherwise instructed.

*J. Williams*

Provincial Assayer.

92-1

921

PHONE: MUTUAL 5-5821

CERTIFICATE OF ASSAY

File #180012 /013



J. R. WILLIAMS & SON LTD.

PROVINCIAL ASSAYERS AND CHEMISTS

Office and Laboratory:

580 Nelson Street, Vancouver 2, B. C.

I **Hereby Certify** that the following are the results of assays made by me upon samples of ORE herein described and received from Messrs. Prospectors Airways February 26th 1960

MARKED	GOLD		SILVER		Copper		Molybdenum		GROSS TOTAL VALUE (2000 lbs.) Per Ton
	Ounces Per Ton	Value Per Ton	Ounces Per Ton	Value Per Ton	Per Cent.	Value Per Ton	Per Cent.	Value Per Ton	
		\$		\$		\$		\$	
									<u>Remarks</u>
935					0.15		Trace		chip across 10.0 ft
936					0.60		Trace		grab from pit

Notes; Pavilion Ck chalcopryrite in an altered syenite . Chalcopyrite is finely disseminated through intrusive. Epidote , hemtite, minor assoc; magnetite, molybdenite rare. carbonate staining ,minor in samples.

Gold calculated at \$.....per ounce.

Silver calculated at.....cents per ounce.

NOTE—Pulps of Samples retained 2 months from date of Receipt.

Rejects 1 week unless otherwise instructed.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

Provincial Assayer.

# INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae  
TO E. O. Chisholm

DATE Feb 23rd, 1960  
SUBJECT Pavilion Cu.



A	W.S.R.	<input checked="" type="checkbox"/>
	G.A.C.	
	G.H.M.	
	E.O.C.	
	H.A.P.	
	R.D.S.	
	B.C.B.	
	E.L.D.	
	J.I.B.	
	E.C.J.	

## MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Ted:

Here is the PIF and a sketch of the geology- 1 inch to one mile-of the Pavilion Copper prospect I examined last week.

John Graham made the trip with me to assist with any E.M. work , if I did any. However , the slopes were too icy to stand on and we didn't do any surveying.

Generally , the samples, I took from the showing are similiar to the specimens sent to me by Andy Hay, but there is less copper content. Williams has two chip samples for assay which will show low copper content.

Obviously, insufficient prospecting has been done by the finders since during one days roaming around the showing resulted in finding four other concentrations of carbonates of copper, in similar host rock in the vicinity. Hay, who is unable to prospect because of a lung condition, is arranging to have MacDonald, the brightest savage of the two, prospect the area in detail as soon as the frost leaves the ground.

This prospect is interesting because it ~~is~~ resembles some of the copper occurrences in Highland Valley although it does not have the concentration of molybdenite that occurs in the East Jersey Zone, the higher grade zone in Bethlehem. It might be advisable, in May to put a prospector in the area for a couple of weeks, if the indian has not turned up anything before that time. The area is quite accessible for B.C. and overburden at the elevation of the showing is not deep. It may be that the syenite/monzonite phases in the granodiorite are narrow, or that the distribution of chalcopyrite is erratic and low grade but a simple trenching and sampling of another half dozen showings, if they can be found, should determine that condition or disprove it.

Sample tag stubs are enclosed and I'll send on the assay results when I get them ,

(TO BE COMPLETED IN TRIPLICATE)

regards,

Roderick Macrae

Encl: PIF  
map

### INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies - No. 1 and No. 2 - to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties to the complete message and reply on one sheet of paper.

921  
✓

# INTER-OFFICE CORRESPONDENCE

FROM Mr. E.O. Chisholm

DATE 26 February 1960

TO Mr. R.M. Macrae

SUBJECT Pavilion Copper

Reply

(TO BE COMPLETED IN DUPLICATE)

Dear Rod:

This showing would stand more prospecting, as you suggest. The E.M. or mag. might give you some clues, when the snow is off the slopes.

E.Oc-dp

E.O. Chisholm

The area in detail as soon as the snow melts the showing to have prospecting, the physical aspects of the showings are to be prospecting, results of a joint showing, as well as of copper, in which most rock in the vicinity. The area is located in finding some other concentrations of copper. The physical aspects of the showing are being done as

more work from the copper content. The copper content, which was the only sample for the area, is being sent to me for analysis. The results are being sent to you for your information.

to send on the area, as well as the physical aspects. The work is being done as soon as the snow melts. The area is being prospecting, as well as the physical aspects of the showing.

one side of the Pavilion copper showing I examined last week. Here is the BIR and a sketch of the showing. I hope to see you soon.

Best regards



TO E. O. Chisholm  
FROM Rod Macrae

SUBJECT Pavilion Copper  
DATE 26 Feb 1960

# INTER-OFFICE CORRESPONDENCE

ECT	
TIS	
ETD	
EST	
EDZ	
HTS	
LOC	
CHW	
CVC	
MSB	
VI	
MI	

**PROPERTY INFORMATION FORM**



92 I

Date Feb 22nd, 1960

A	W.S.R.	<input checked="" type="checkbox"/>
	G.A.C.	<input type="checkbox"/>
	G.H.M.	<input type="checkbox"/>
	E.O.C.	<input type="checkbox"/>
	H.A.P.	<input type="checkbox"/>
	R.D.S.	<input type="checkbox"/>
	B.C.B.	<input type="checkbox"/>
	E.L.D.	<input type="checkbox"/>
	H.B.	<input type="checkbox"/>
	E.C.J.	<input type="checkbox"/>

Name of Property Pavilion Creek Copper

Presented by (with address) Andrew Hay, Pavilion B.C. Date Dec 18th, 1969

Location 121:00-50:00 N.W. two miles west of the Fraser River, in the Lillooet M.D.

Access From railhead at Pavilion B.C. (PGE) via trail & cable-ferry, 12 miles

Claims None staked

Ownership A. Hay, J. MacDonald, L. August

Summary of Outstanding Features A quartz-deficient monzonite phase in a granodiorite showing minor chalcopyrite mineralization and sparse molybdenite

Opinions, Suggestions or Recommendations of Present Holder Nil

Option Terms not detailed

Information is Based on examination by undersigned Feb 16-17, 1960

Nature of Deposit chalcopyrite deposition in monzonite granite, associated with hematite deposition. No indication of replacement or fracture filling. ~~in~~ or association with pegmatitic vein structure

Mineralization Chalcopyrite, sparse molybdenite, hematite, in a pink feldspar granite. some chlorite, minor magnetite, minor calcite; minor carbonates of copper.

Widths and Values trench exposure 2 feet of one percent copper minerals; wall rock exposure, 10 feet of less than one half one percent copper.

Strike and Dip east west strike, vertical dip fracture system. Jointing N.W. & S.W.

Country Rock biotite-rich granodiorite intruded by an altered syenite.

Present Known Extent and Possible Extensions five exposures of copper carbonates over a distance of 750 feet. extensions not known.

Limiting Features sparse erratic deposition of copper minerals.

Workings, Kind, Amount, Location and/or Diamond Drilling one trench , four feet by six feet deep exposes a 2 ft width of mineralization.

Lengths and Frequency of Exposures two exposures within 25 feet show chalcopyrite mineralization. Within four hundred feet north and south four locations show copper carbonates in talus.

Known Commercial Sections Nil

Known Non-Commercial Sections

Number, Dimensions and Grade of Ore Shoots Indicated

N/A

Possibilities of Developing Ore not known

Past Production, If Any

N/A

Dividends, If Any

N/A

Other Significant Features in History of Property This is an original find, traced from float on floor of bench near river. Position of floats suggests there may be other sources of the mineral not yet located.

Previous Examinations Nil

Reports, Plans or Other Sources of Information Detailed map of the "Geology of the Fraser River, Lillooet to Big Bar Ck- H. Trettin, 1957-58"

Reasons for Property Lying Idle Further prospecting required.

Relation to or Comparison with Other Properties in the District Intrusive similar to Guichon batholith and may be extension of same. Altered syenite/monzonite host rock similar to Copper Mountain stock. Copper mineral concentrations less

New Development (Since Last Examination) than those of Bethlehem (in Guichon) and bornite occurrence in Copper Mtn orebody not in evidence in this deposit.

Other Remarks One mile south of this find, a quartz vein, carrying copper mineralization is exposed. One mile east of the find the Grange Mine in 1934-35 mined 2-ft quartz veins in diorite, which carried erratic high values in gold, less than one ounce silver, and small amounts of copper. Ore shoots were, arsenic, pyrite/pyrrhotite quartz veins. tonnage mined in 1934 was 3330 tons, and a milled conc. was shipped to the smelter. The Pavilion Cu showings are not genetically related to these deposits.

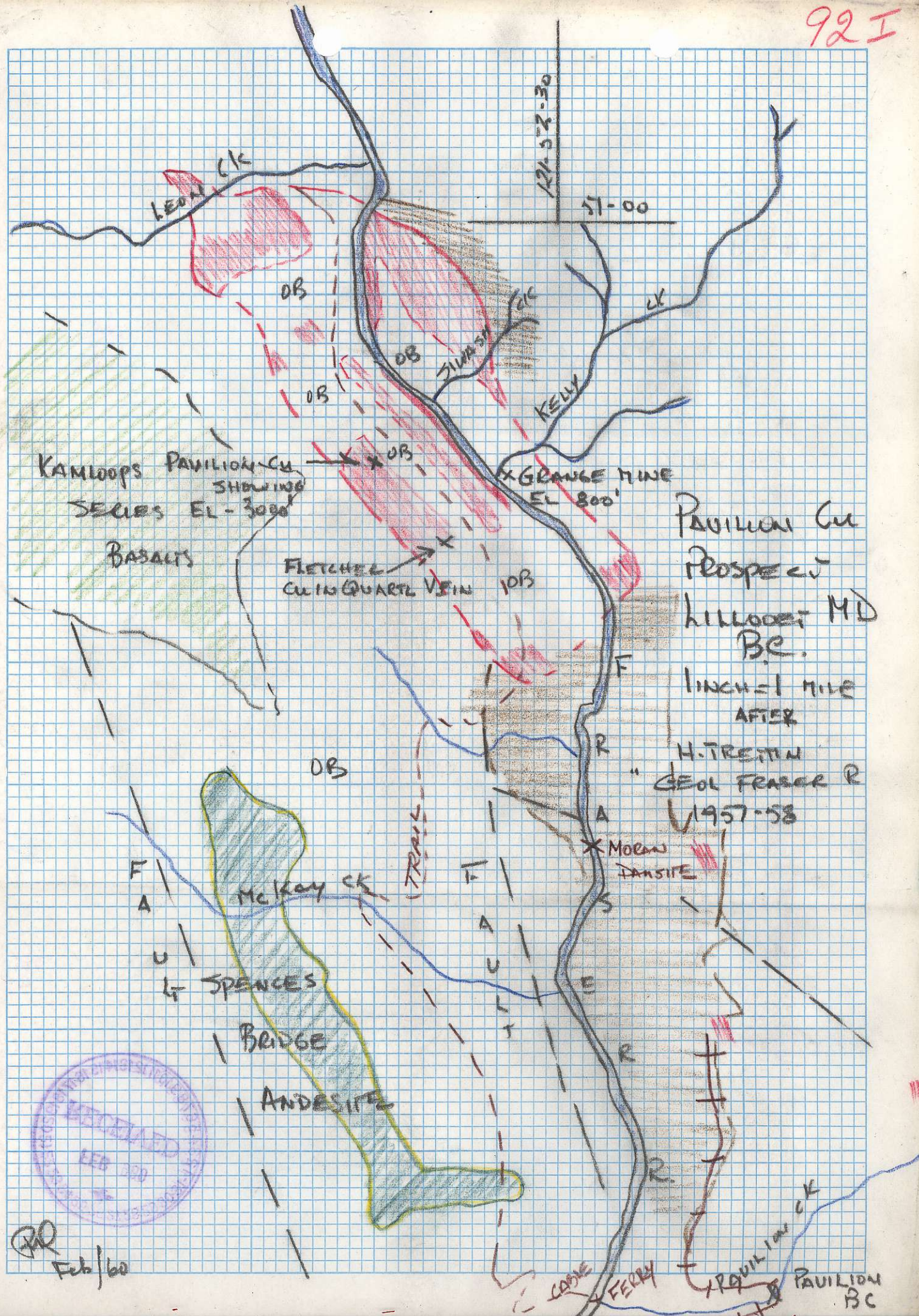
Examining Engineer

Roderick Macrae

Date of Examination

Feb 18/60

10x10 to one inch



Feb/60

Pavilion Cu  
Prospect  
Killooet MD  
BC.  
LINCOLN MILE  
AFTER  
H. TRETTIN  
"GEOLOGICAL FRASER R  
1957-58

COYNE FERRY  
PAVILION CK  
PAVILION BC



92 I

To: Mr. E.O. Chisholm

From: Mr. R.M. Macrae

re: PAVILION COPPER

19 February 1960

I returned to Vancouver from the examination of the Pavilion Copper in monzonite, early this morning, and there are several items I have to pass to you.

The copper showing is interesting, but sufficient work has not been done and cannot be done for a month, due to temperature conditions, to accurately assess its value. The prospector, Macdonald, will do further work and Hay will keep me advised if anything of interest shows up beyond the showing I saw and sampled. I'll complete a report this week end.

R.M. Macrae

92 1/2

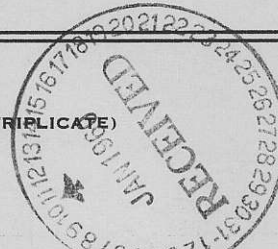
# INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae  
TO Alex Pearson

DATE Jan 8th, 1960  
SUBJECT

A	N
	W.S.R.
	G.A.C.
	G.H.M.
✓	E.O.C.
✓	H.A.P.
	R.D.S.
	B.C.B.
	E.L.D.
	J.I.B.
✓	E.C.J.

MESSAGE  
(TO BE COMPLETED IN TRIPPLICATE)



Dear Alex,

As noted in the monthly report, I was unable to get in to the site of the showing of the chalcopyrite in the intrusive. Attached to that report is a sketch of the geology of the area and a location of the two places where MacDonald has picked up the samples.

MacDonald and August are non-reservation Indians, both are intelligent but neither knows anything about claim staking. Andy Hay is a retired prospector who had a lung removed a few years ago, and as a result, he is unable to be active in the hills.

Last week, when I was unable to get to the showing because of icing conditions, I picked up some specimens of the intrusives on the east side of the Fraser. They are biotite rich granites and granodiorites as described in Trettin's map. White at UBC thinks that the Siwash Creek outcrops form one 5 mile long mass and this may be connected with the Pavilion Lake exposures. The mapping suggests, however, that the former may be sills or dykes. If the northern exposure is one mass, there must have been a high degree of alteration to permit the Fraser river to cut through it or some prior faulting to that shown on the map.

I mailed FMCs and tags to Hay at Pavilion and intend to make a ground examination as soon as weather conditions permit.

Roderick Macrae

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# INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae  
TO Alex Pearson

DATE Dec 22nd, 1959  
SUBJECT Andy Hay copper in granite samples

**MESSAGE**  
(TO BE COMPLETED IN TRIPLICATE)



Dear Alex:

Here is some further information on this prospect.

As of now the situation is:

we have a group of hand specimens of an acid granite with chalcopyrite, and minor bornite. These were brought to Andy Hay, Pavillion B.C., by an indian from one of the nearby areas.

The specimens are at UBC, and results of a couple of thin-section examinations should be available today or tomorrow. a hand-lens examination of the specimens suggest the rock is a quartz-diorite, well silicified. The metallics, however, do not appear to be associated with the quartz.

the approximate location is 121-53; 50-59 on the west side of the Fraser River.

the area is under study by a graduate student at UBC, Hans Trenton, who has completed a map of the rocks in the area. His map shows a 5-mile long cretaceous intrusive striking parallel to the Fraser, i.e. nnw, in the area where the indian says he got his samples.

I spoke to Hay at Pavillion yesterday, who said, the indian has not shown up since bringing the samples in. There is not enough snow in the area to block an examination. Hay thinks the indian will show up in a day or so, when he will call me.

In any event, think I'll slip up here over the weekend of the 27th and have a look at the material in place,

*Rod Macrae*  
Roderick Macrae

A		N
<input checked="" type="checkbox"/>	W.S.R.	<input checked="" type="checkbox"/>
<input type="checkbox"/>	G.A.C.	<input type="checkbox"/>
<input type="checkbox"/>	G.H.M.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	E.O.C.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	M.A.P.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	R.D.S.	<input type="checkbox"/>
<input type="checkbox"/>	B.C.B.	<input type="checkbox"/>
<input type="checkbox"/>	E.L.D.	<input type="checkbox"/>
<input type="checkbox"/>	J.B.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	E.C.J.	<input type="checkbox"/>

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