

ANALYST'S CERTIFICATE OF PURITY.

I have examined Samples of the TABLE and DAIRY SALT made by THE NORTH AMERICAN CHEMICAL COMPANY of Montreal and Goderich, and find them to contain only the faintest traces of Lime and Magnesia, in this respect contrasting favourably with the well-known English brands, which all contain a much larger percentage of earthy salts.

None Genuine without this label
accompanying each bag and signature.

Geo Rice

HENRY H. CROFT,
late Professor of Chemistry,
University College, Toronto.

Answer
March 1877

Acc. 1010

Second Geological Survey of Pennsylvania.

J. P. LESLEY, Chief Geologist.
J. J. STEVENSON, Assistant for Fayette
and Westmoreland District.

314 WEST 30TH. STREET NEW YORK. MAR. 2 1877.

DR. B. J. HARRINGTON,

187

DEAR SIR,

YOUR LETTER OF THE 24TH. ULT. WAS RECEIVED ON THE 28TH.

I USED THE TERM LIGNITE AS REFERRING GENERALLY TO ALL THE CRETACEOUS AND TERTIARY COALS, WITHOUT REFERENCE TO THE CHEMICAL COMPOSITION. THE LIGNITE OF CANON CITY IN COLORADO IS A TRUE COAL LIKE THAT OF VANCOUVER. I SINCERELY HOPE THAT THE MEMOIR ON THESE LIGNITES WILL CONVERT SOME ONE OR OTHER OF THE GEOLOGISTS OPPOSING ME. ONE OF THEM, LESQUEREUX, HAS GIVEN UP THE FIGHT IN A LETTER TO ME, BUT DR. HAYDEN IS SO FORTIFIED BY HIS IGNORANCE THAT HE WILL NEVER CHANGE HIS MIND, THOUGH HE GAVE UP THE WHOLE THING IN THE LAST REPORT. POWELL CARRIES THE MATTER EVEN FARTHER THAN I DID. DR. WHITE WRITES ME THAT HE MAY HAVE TO DIFFER FROM ME ON SOME POINTS AS THE RESULT OF HIS WORK DURING 1876. PART OF THE EVIDENCE ON WHICH I BASED MY CONCLUSIONS HAS BEEN PROVED TO BE UTTERLY WORTHLESS. OF COURSE YOU WILL READILY UNDERSTAND THAT THIS EVIDENCE IS SOME OF HAYDEN'S MATERIAL, WHICH I HAD TO USE AS NOTHING ELSE COULD BE HAD.

PLEASE ACCEPT MY THANKS FOR THE REPORT WHICH CAME THIS MORNING.

I WOULD BE GLAD TO HAVE THE REPORT FOR 1873-4, AS I HAVE NONE OF THE LATER REPORTS OF YOUR SURVEY.

IF YOU CAN EXCHANGE THE PUBLICATIONS OF THE SURVEY WITH ME FOR MY PUBLICATIONS WITHOUT EXPENSE TO YOURSELF, I WILL FEEL UNDER OBLIGATIONS SHOULD YOU DO SO. I CAN SEND AT ONCE A COPY OF MY REPORT TO

LIEUT. WHEELER, 200 PP. 4 TO. 1876. MY REPORT ON THE FAYETTE ND WESTMORELAND

DISTRICT WILL GO TO PRESS IN ABOUT SIX WEEKS AND WILL BE OF THE SAME

SIZE AS MY REPORT FOR 1875.

I DID NOT SEND A COPY OF MY REP. FOR 1875 TO MR. SELWYN BECAUSE

I SAW HIS NAME ON PROF. LESLEY'S LIST. AS THE ASSISTANTS GET NO COP-

IES FOR DISTRIBUTION AND THEREFORE HAVE TO BUY AT THE SAME RATE AS

STRANGERS DO, I THOUGHT THAT THERE WAS NO USE IN DUPLICATING.

VERY TRULY YOURS,

J. J. STEVENSON.

*March 2/77
J. J. Stevenson
New York*

THE GIVE UP THE WHOSE THING IN THE LAST REPORT. HOWEVER GAINED THE MATTE
EVEN FARTHER THAN I DID. DR. WHITE WRITES ME THAT HE WY HAVE TO DIFFER
THAT HE ON SOME POINTS AS THE RESULT OF HIS WORK DURING 1876. PART OF
THE EVIDENCE ON WHICH I BASED MY CONCLUSIONS HAS BEEN PROVED TO BE
UTTERLY FORTHRIGHT. OF COURSE YOU WILL READILY UNDERSTAND THAT THIS EVID-
DENCE IS SOME OF WARDEN'S MATERIAL, WHICH I HAD TO USE AS NOTHING ELSE
COULD BE HAD.
PLEASE ACCEPT MY THANKS ON THE REPORT WHICH CAME THIS MORNING.
I WOULD BE PLEASED TO HAVE THE REPORT FOR 1876, AS I HAVE NONE OF THE
LATER REPORTS OF YOUR SURVEY.
IF YOU CAN EXCHANGE THE PUBLICATIONS ON THE SURVEY WITH ME
FOR MY PUBLICATIONS WITHOUT EXPENSE TO YOURSELF, I WILL FEEL UNDER OBLI-
GATIONS SHOULD YOU DO SO. I CAN SEND AT ONCE A COPY OF MY REPORT TO