



LETHBRIDGE WIND RESEARCH TEST SITE

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Mr. Richard Sutz
Wind Baron Corporation,
14415 North Scotsdale Road,
Suite 700,
Scotsdale, Arizona
U.S.A.
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Dear Richard,

Further to our recent telephone discussion, I would like to reiterate the Lethbridge Wind Research Test Site's interest in testing the present configuration of the Wind Baron.

As you are well aware, the previous Wind Baron Mark IV 325, outperformed all other units tested during the 1983 to 1985 period. The economic analysis which the test site undertook found that because of its low cut-in wind speed and high pumping potential it had the lowest pumping cost (\$0.022/cubic metre in the Lethbridge area) and the smallest storage requirement for cattle feed applications. This pumping cost was roughly half that of the other units tested (see Table 3, page 45 of the #See Note attached report) largely because of the Wind Baron's enormous annual pumping potential (130,800 cubic metres at Lethbridge pumping against a 6 metre head). The only problem with the Mark IV was the failure of the 3" rotor shaft which failed due to a manufacturing defect (welding around the doughnut). Provided Wind Baron eliminates this manufacturing default the Lethbridge Test Site believes this unit has strong potential in agricultural and third world markets.

Since your involvement in the test site, we have continued to gain world wide attention. To respond to this attention we have expanded our demonstration days to include workshops on export market potentials. We have also developed a well simulator capable of accurately simulating heads up to 700 feet. Because of these additional services, the test site no longer provides incentive money for the manufacturers to have their machines tested. Likewise, we still do not charge for these services.

Please let me know at your earliest convenience if, when and what machine configuration you would like tested on our site.

Sincerely,

David R. Baker, P.Eng.

NOTE FROM RICHARD K. SUTZ

✓ Mark IV	130,000	Cu.M	@ \$0.022/Cu.M
Bojohn	12,100	Cu.M	@ \$0.044/Cu.M
- Maverick	8,000	Cu.M	@ \$0.067/Cu.M

DRB/mm