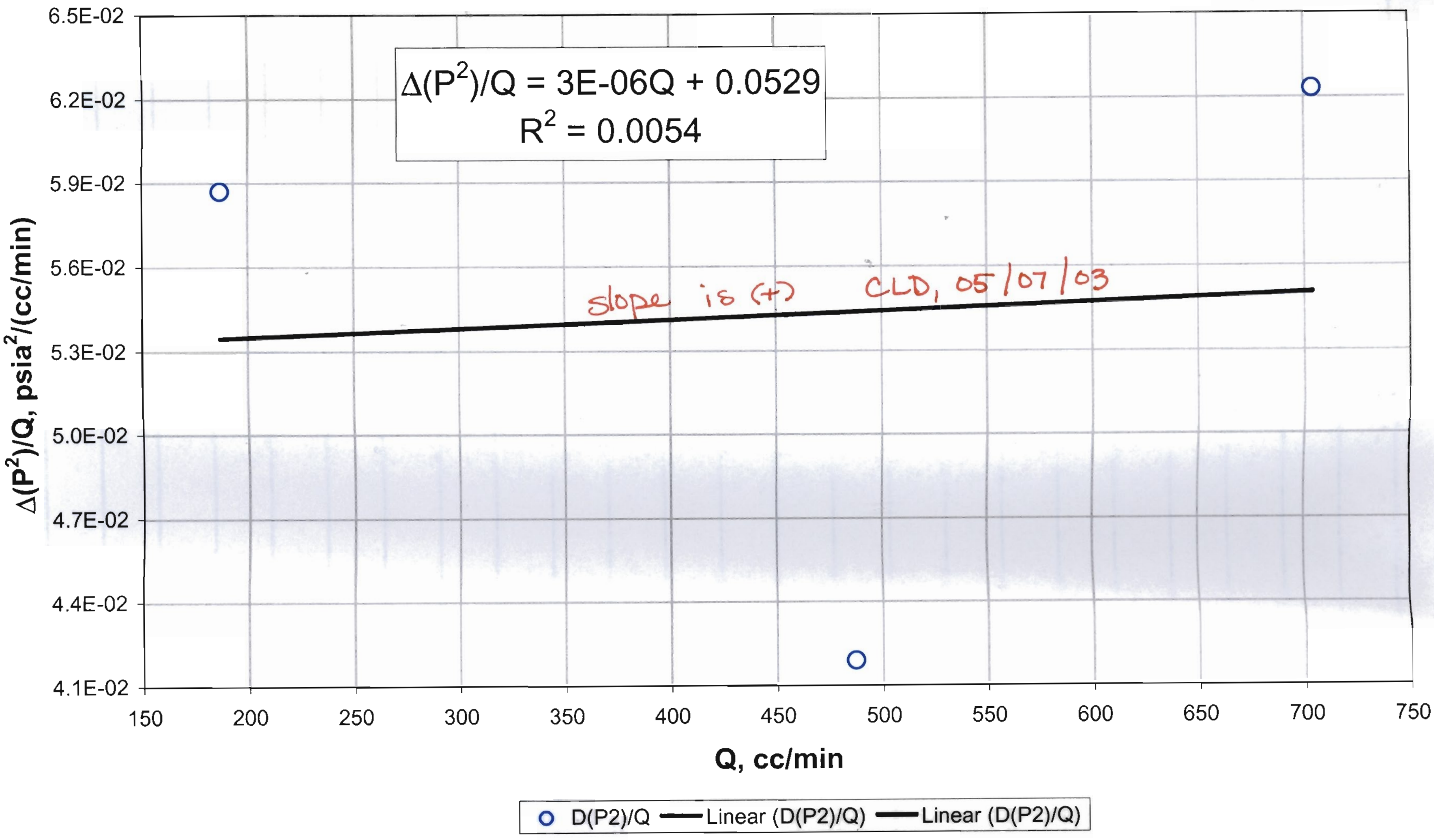
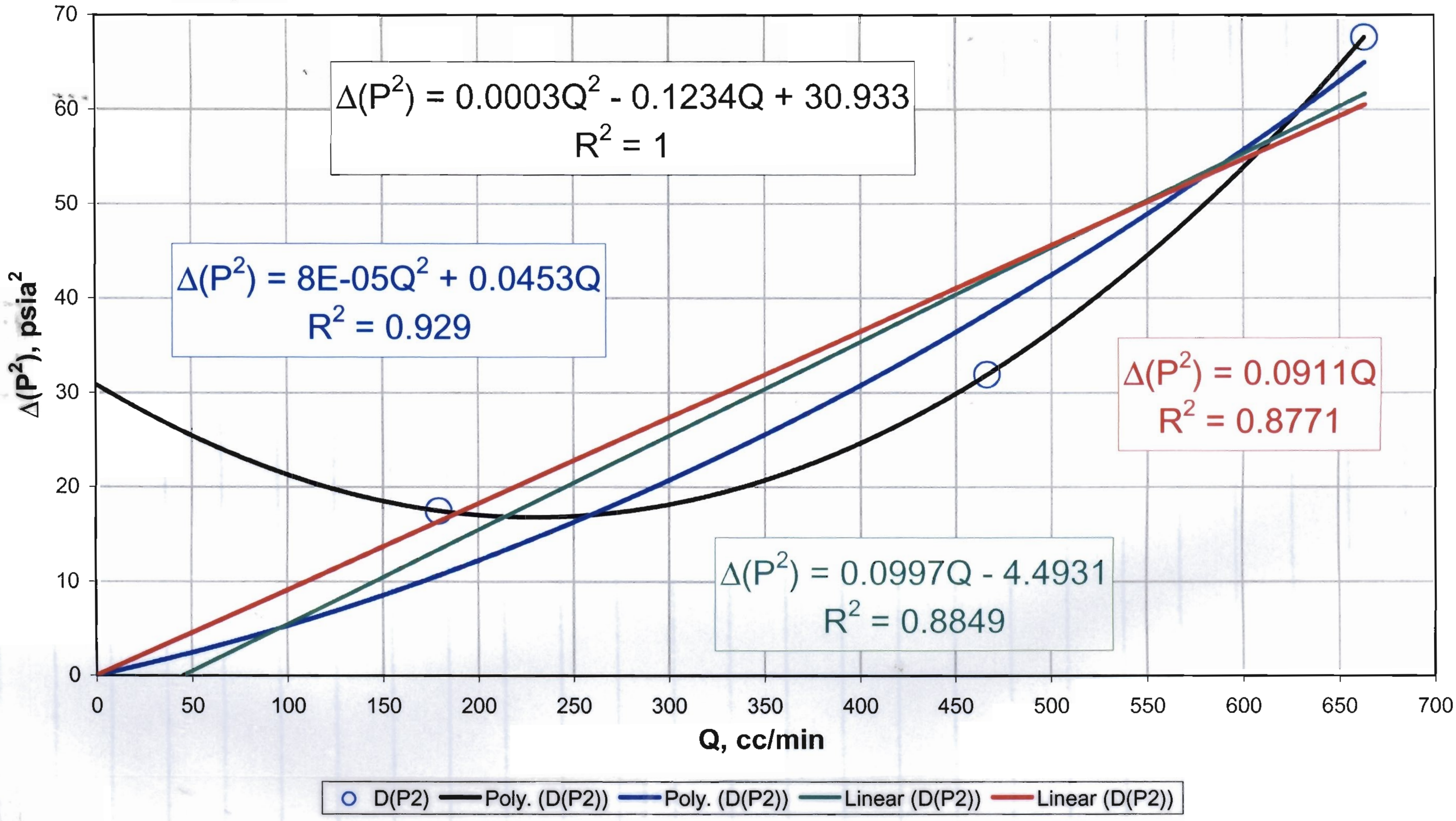
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 16



slope is (+) CLD, 05/07/03

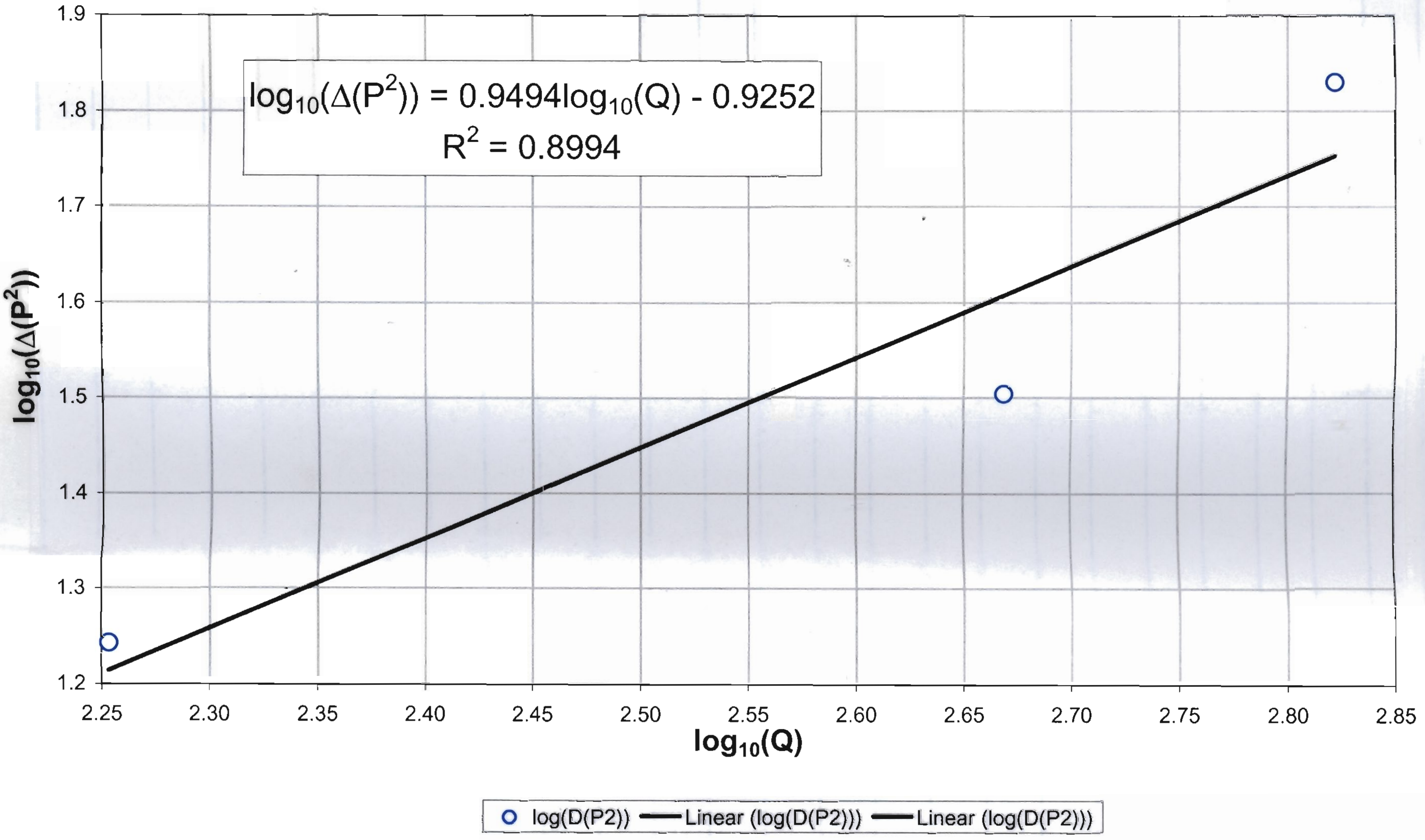
RWM, 12/18/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 17



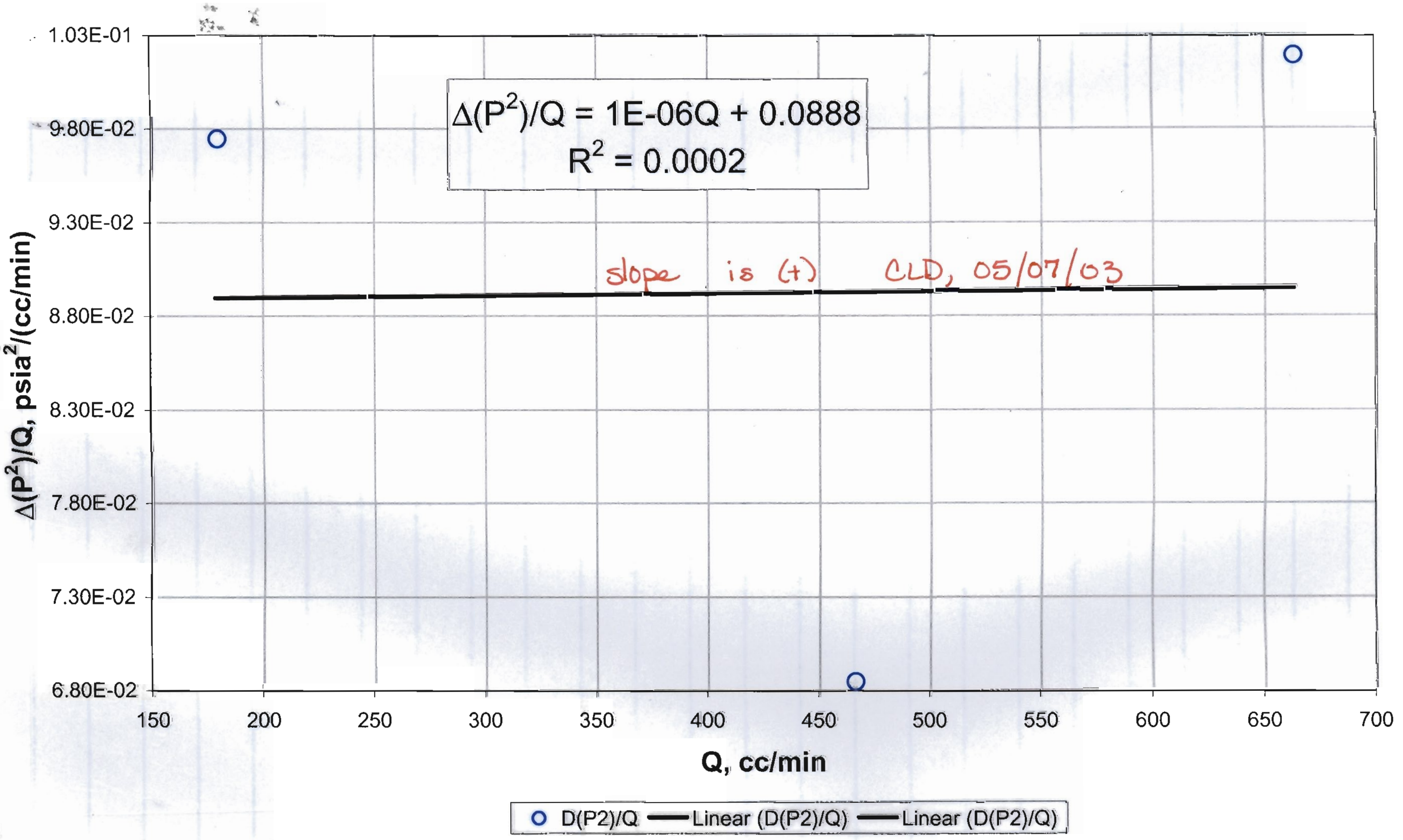
RWM, 12/19/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 17



RWM 12/19/02

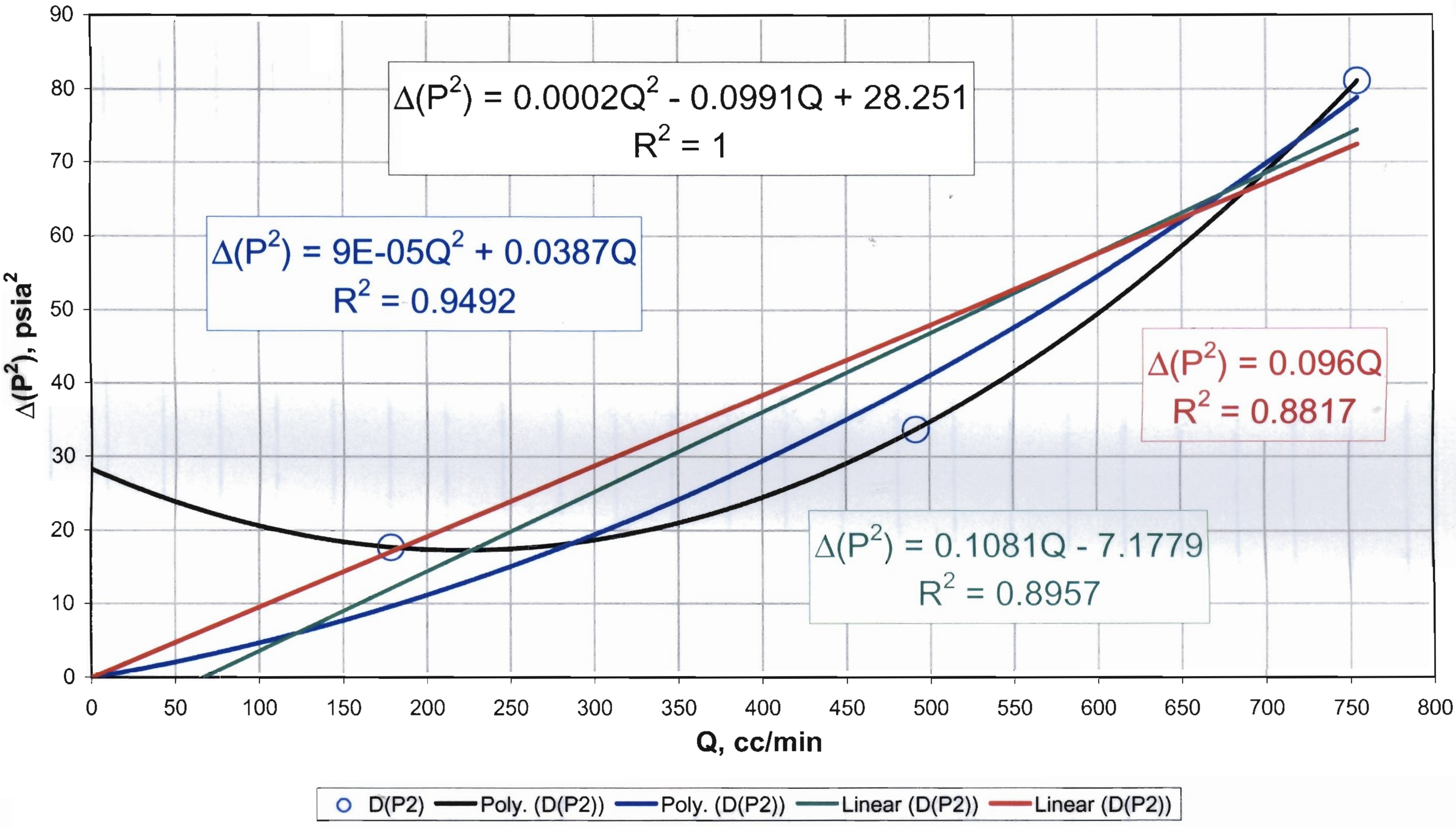
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 17



slope is (+) CLD, 05/07/03

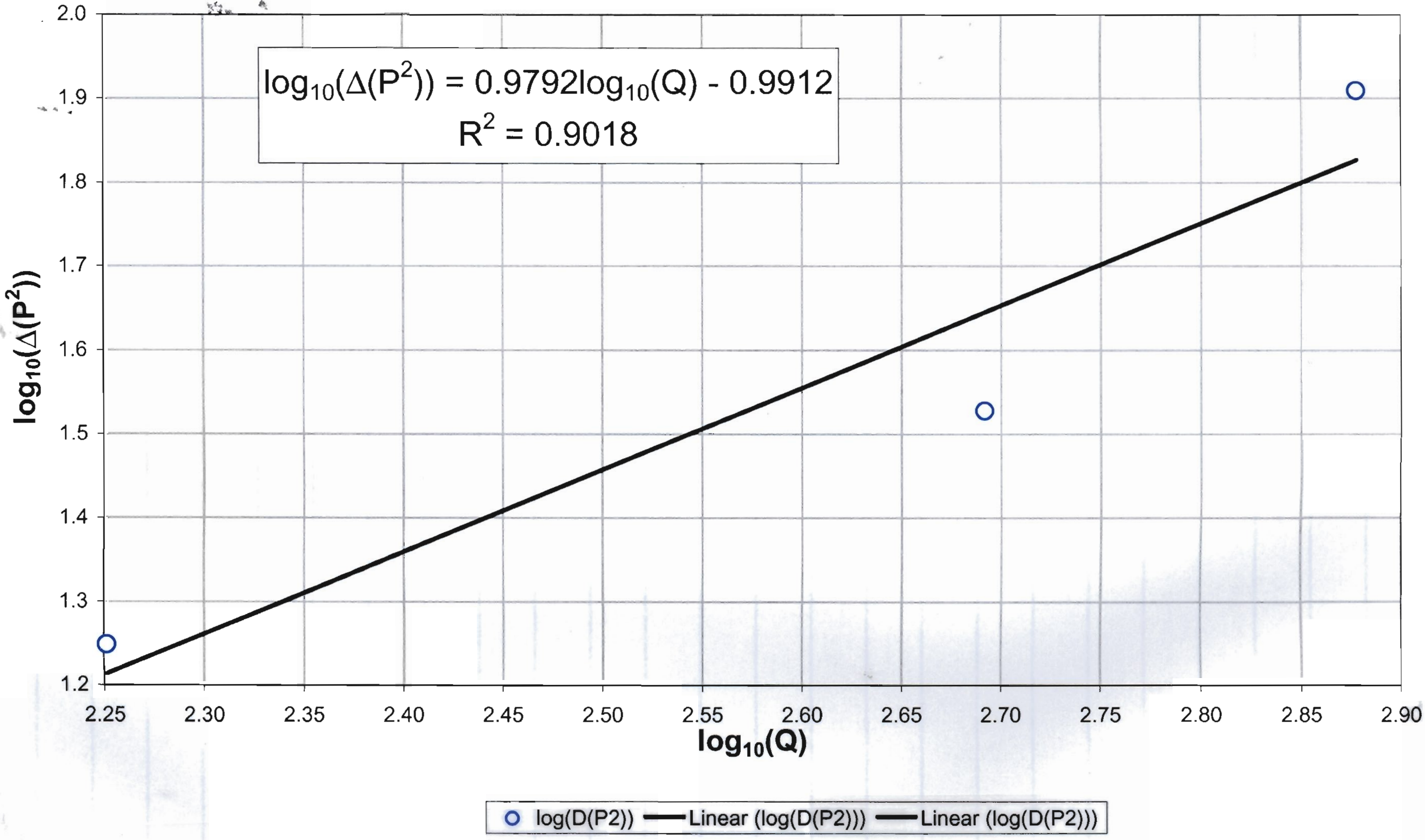
RWM, 12/19/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 18



RWM, 10/18/07

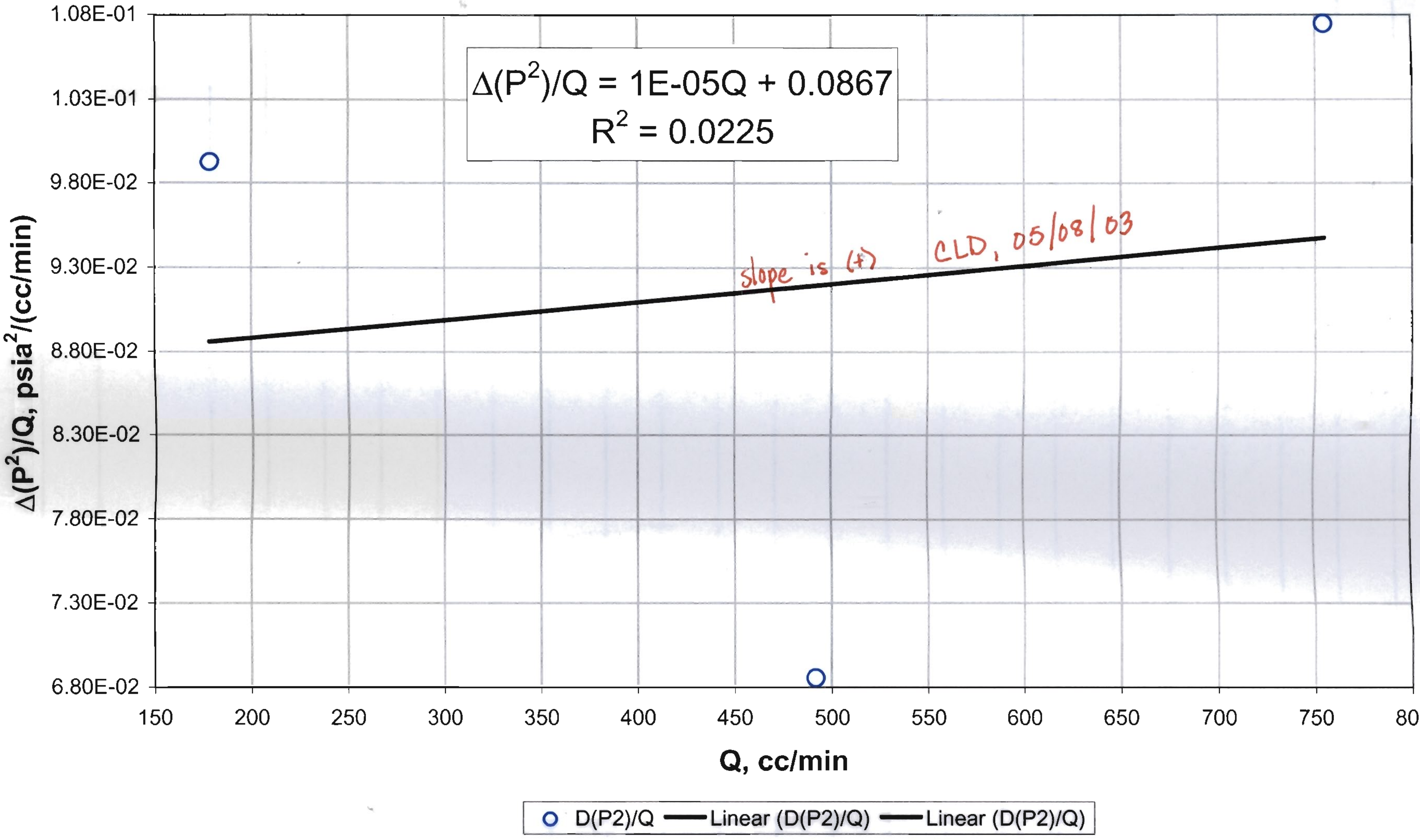
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of
high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 18



RWM, 10/19/07

RNM, 12/18/02

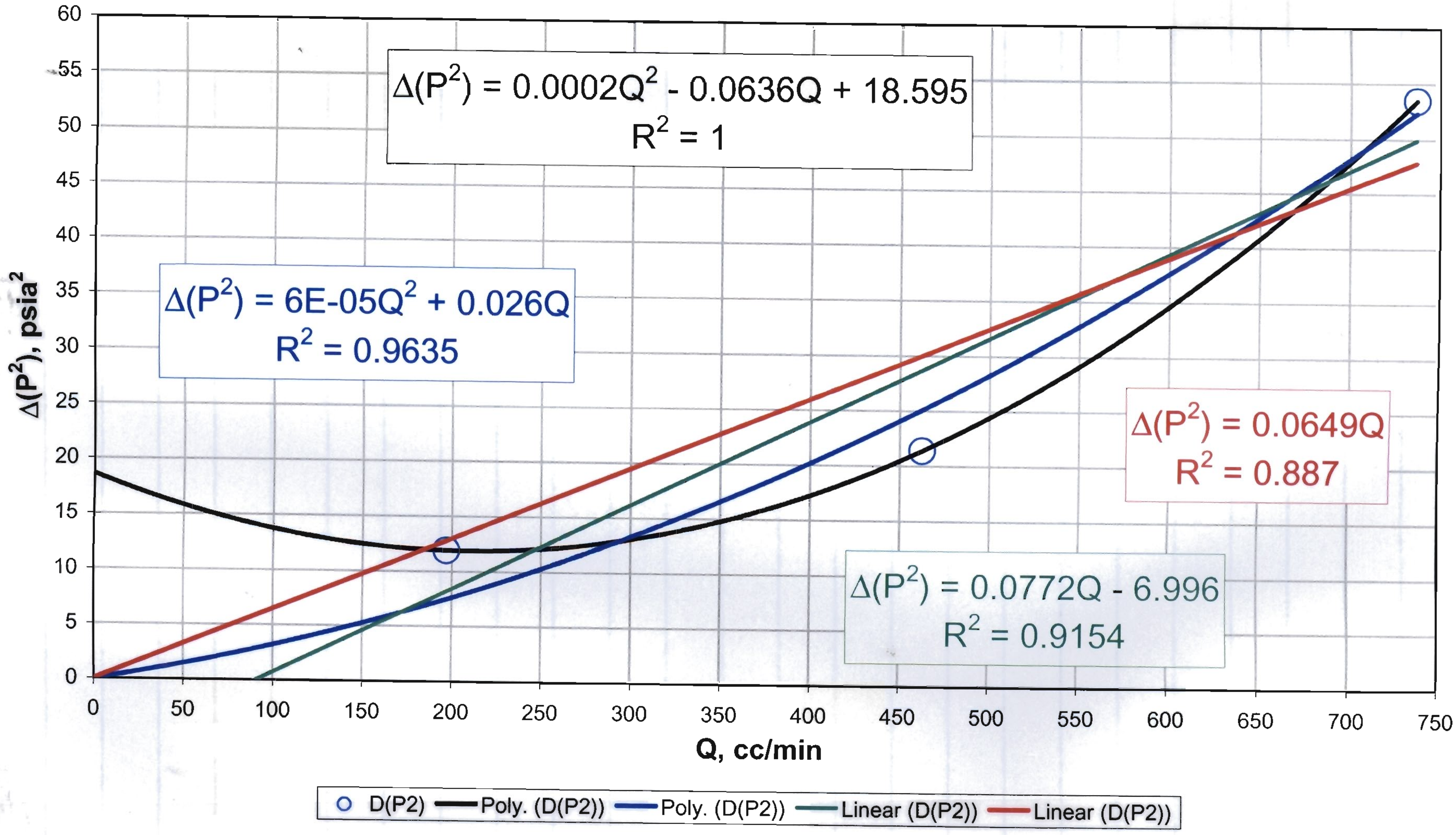
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 18



slope is (+) CLD, 05/08/03

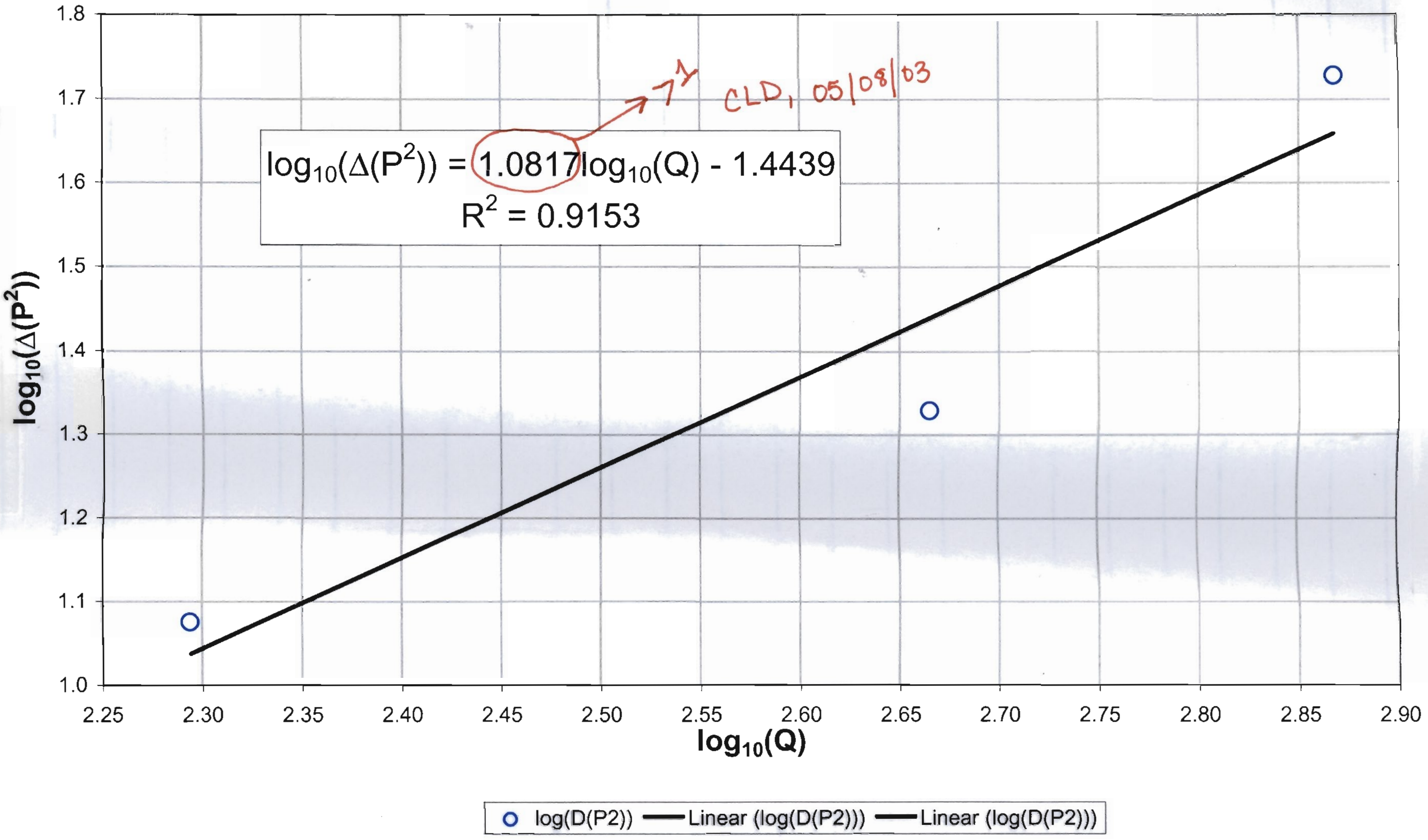
RNM, 12/19/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 19



RWM, 12/11/08

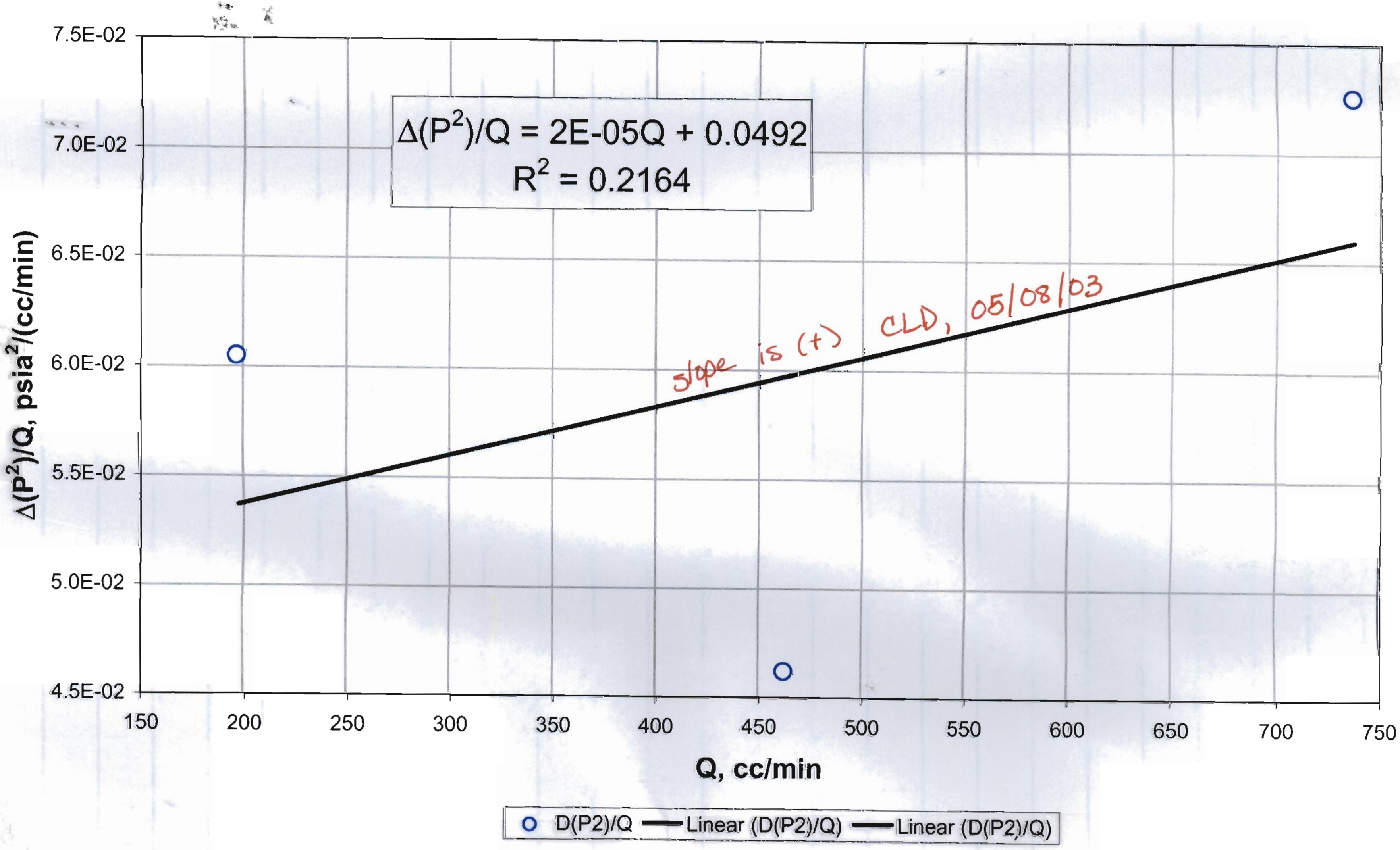
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 19



>1 CLD, 05/08/03

RWM, 12/11/08

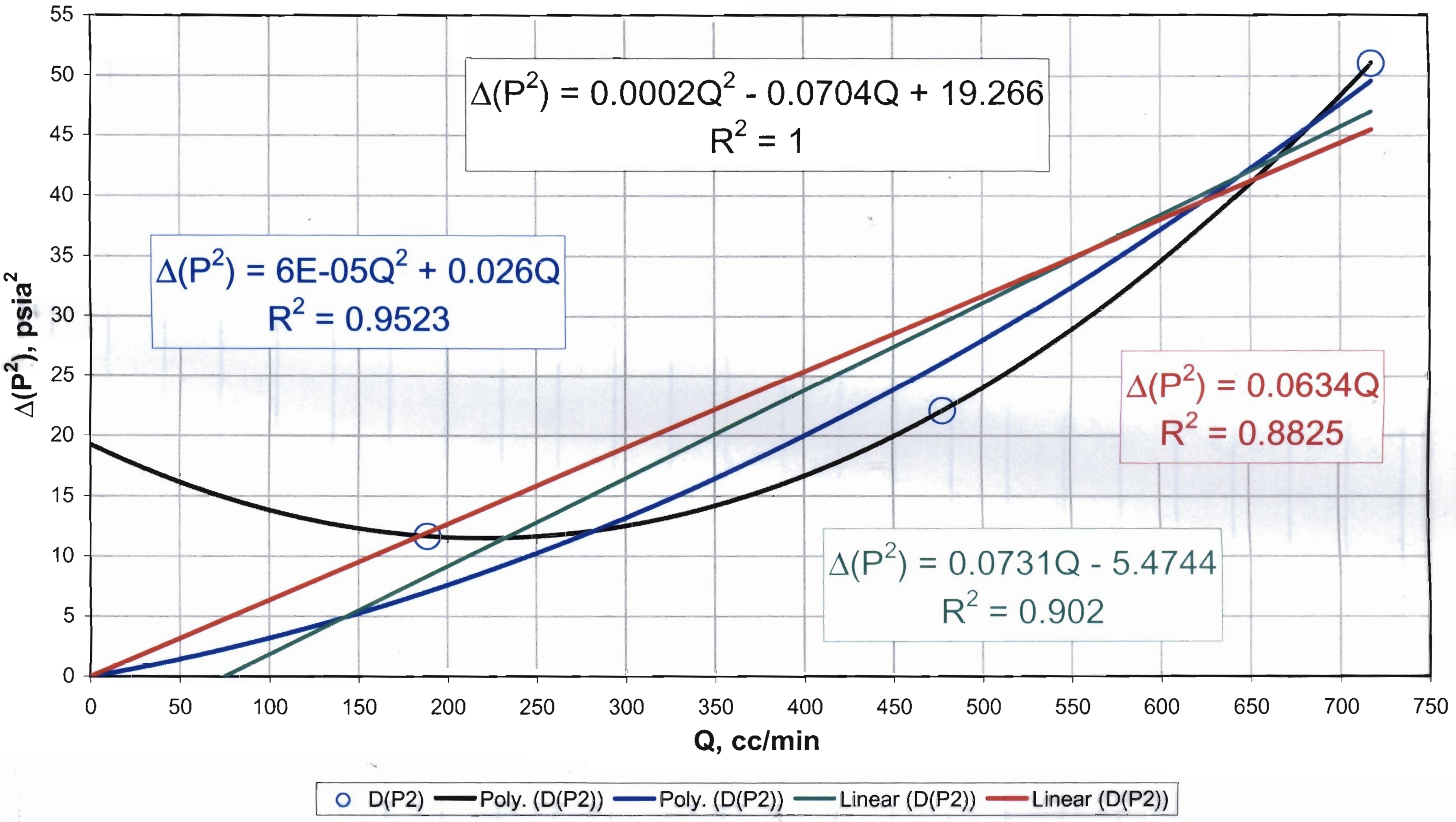
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 19



slope is (+) CLD, 05/08/03

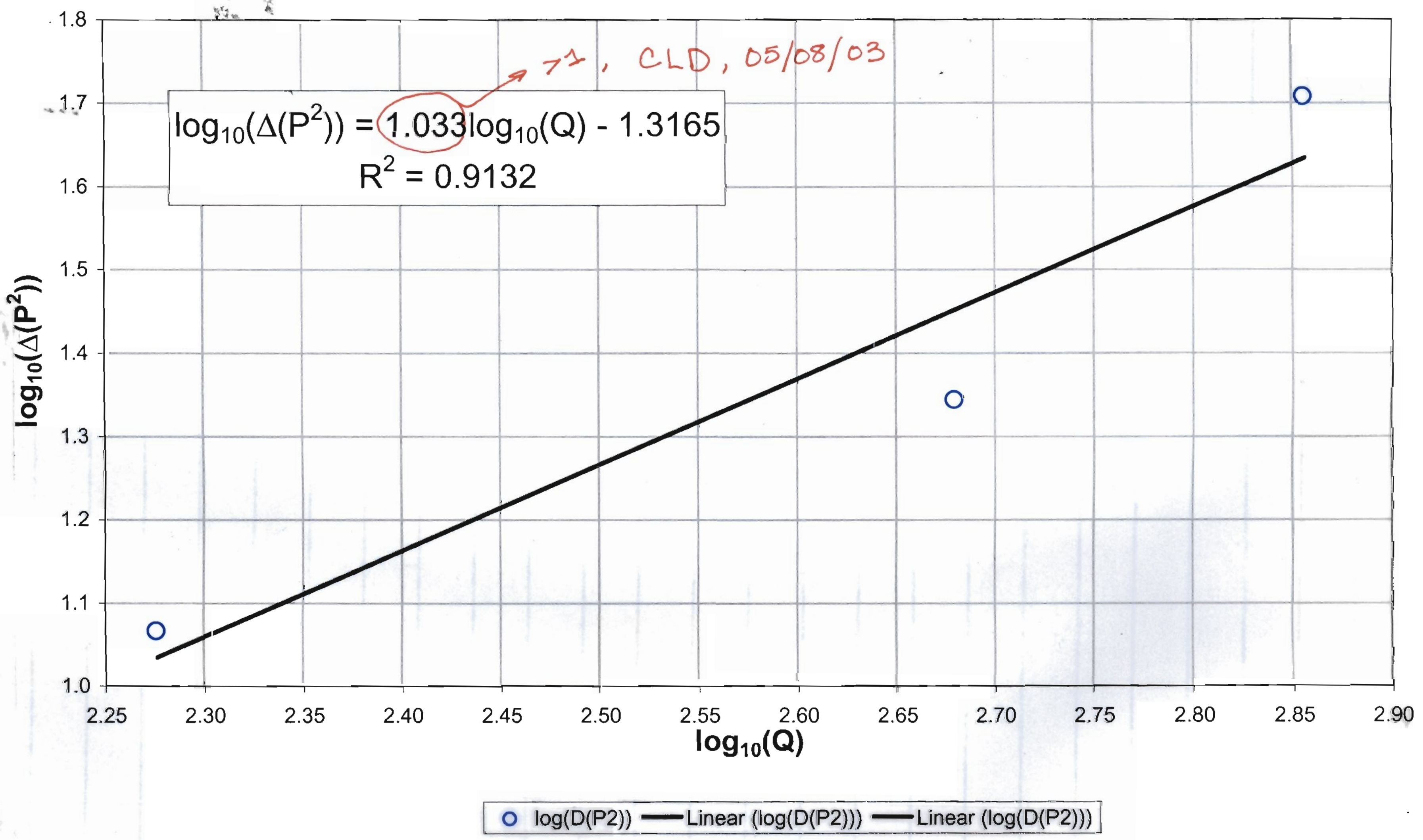
RMM, 12/19/08

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 20

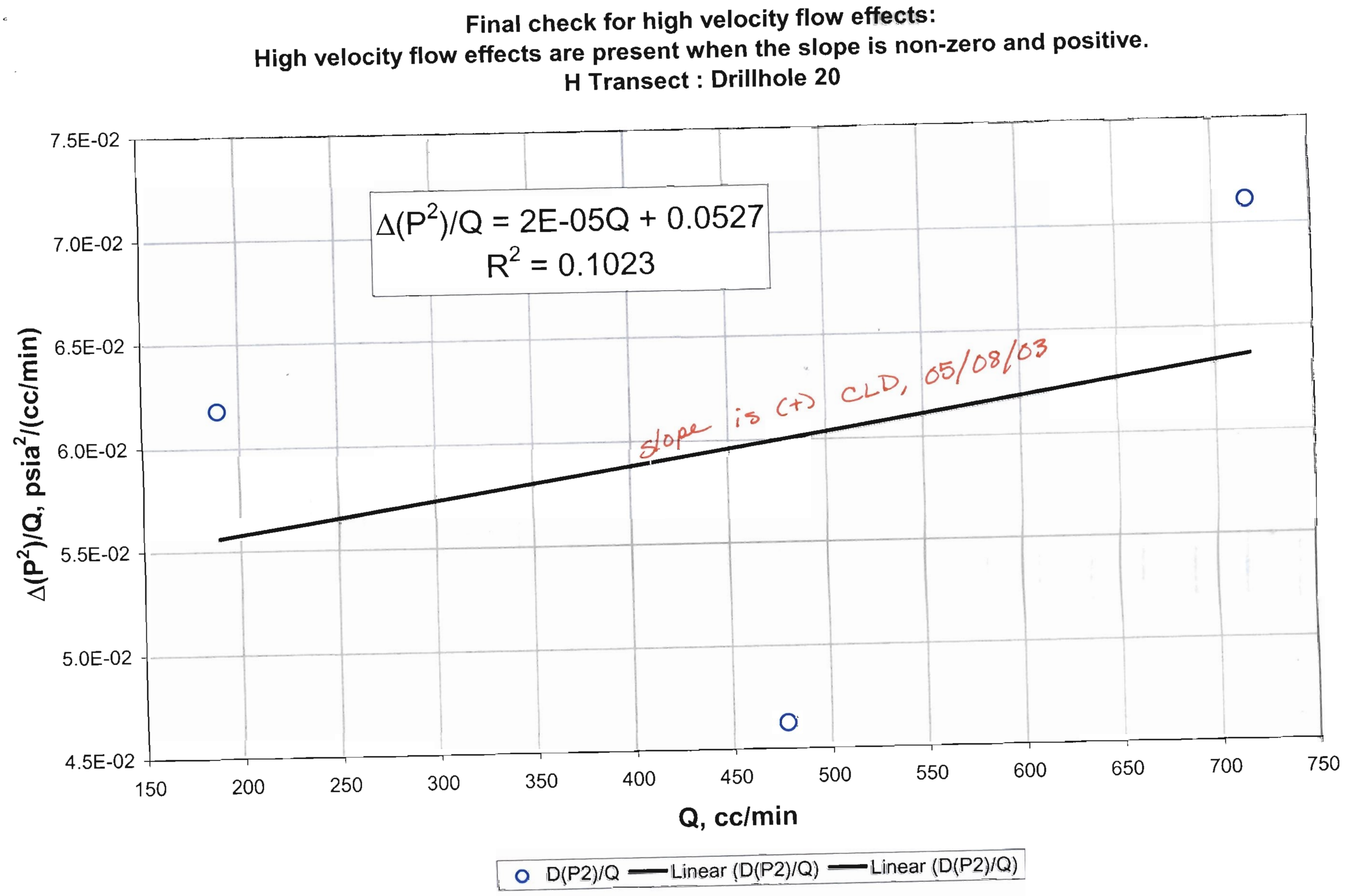


RMM, 12/19/08

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 20



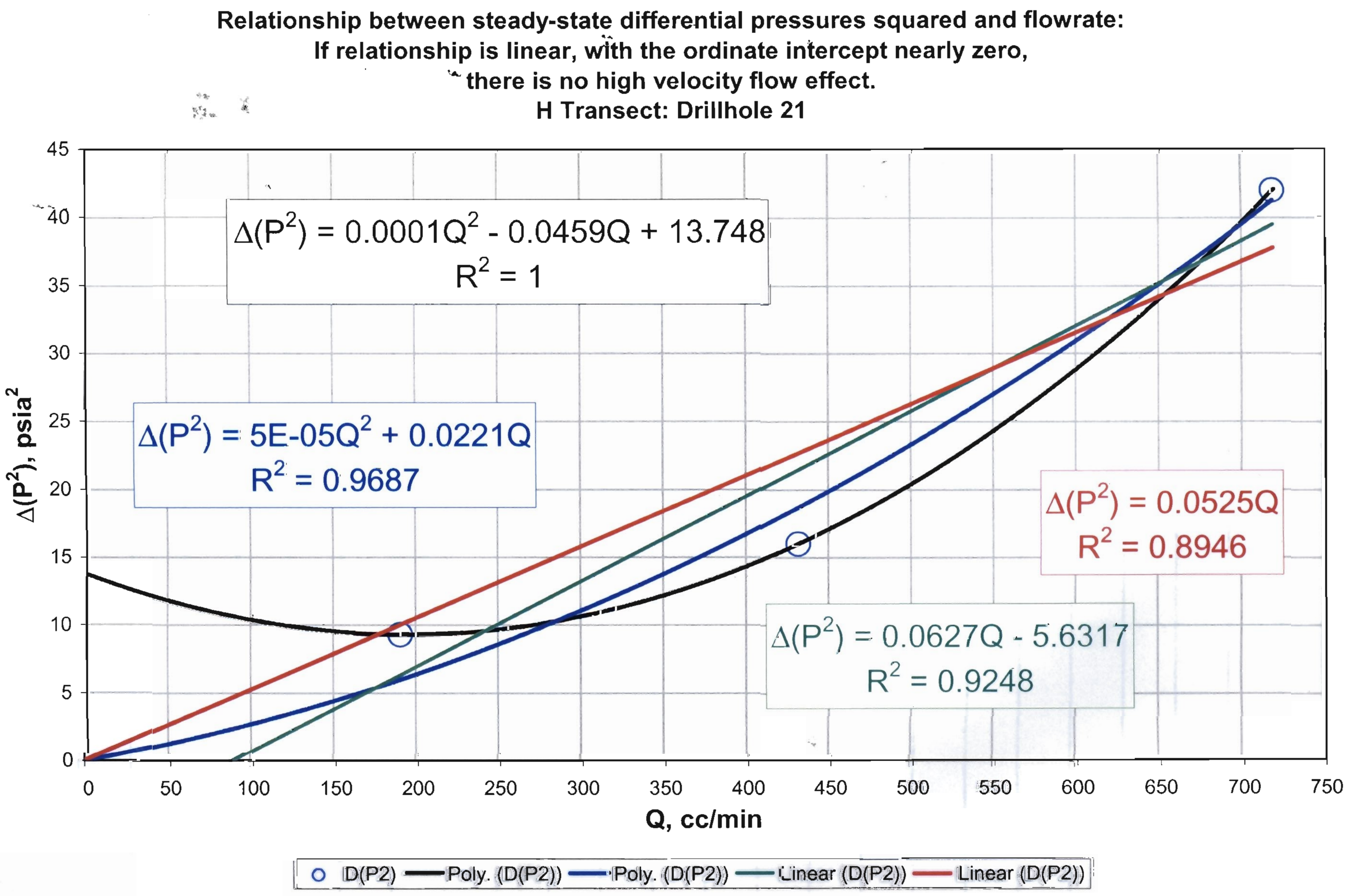
RMM, 12/19/00



Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 20

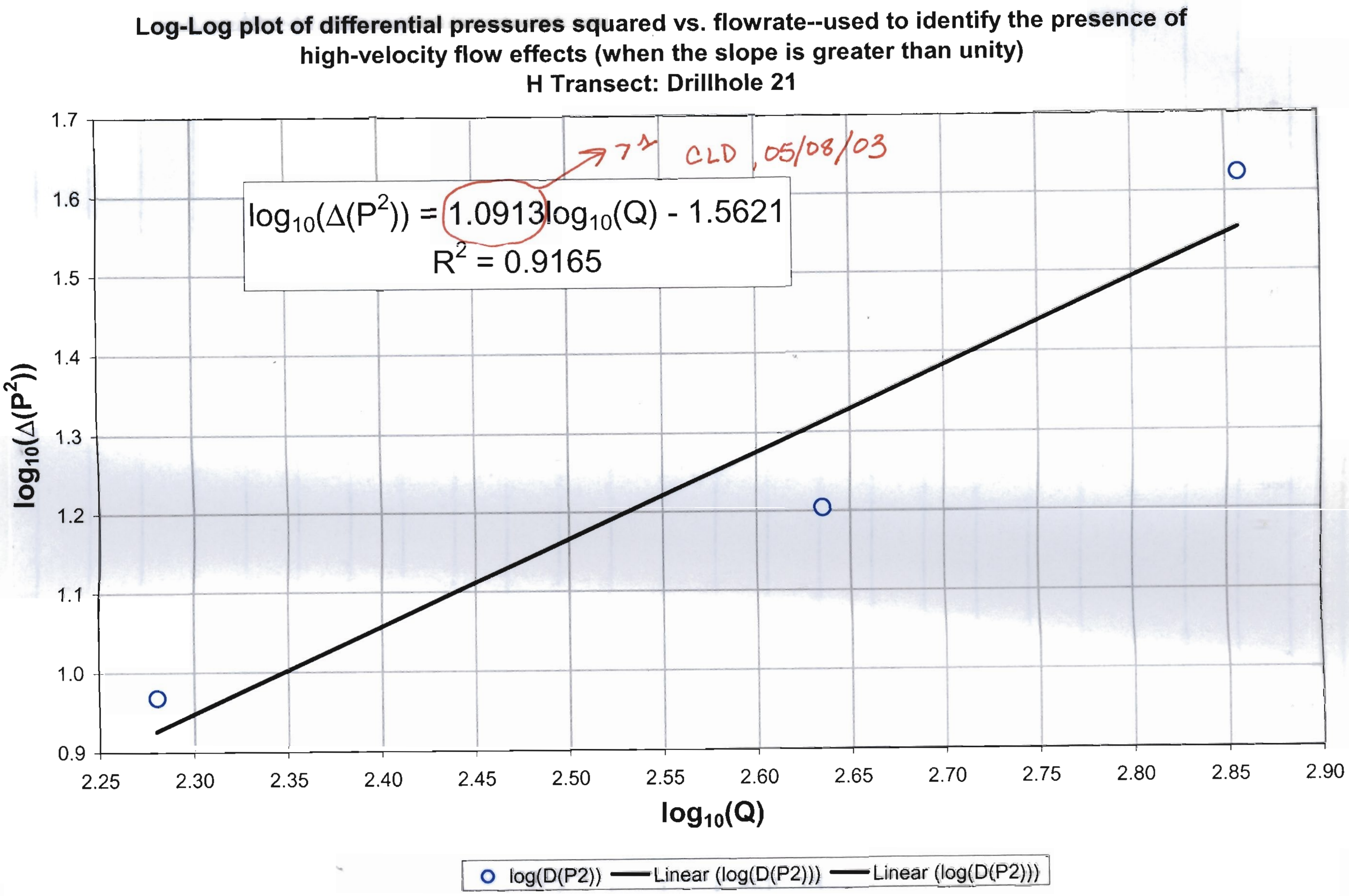
slope is (+) CLD, 05/08/03

RMM, 12/19/00



Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 21

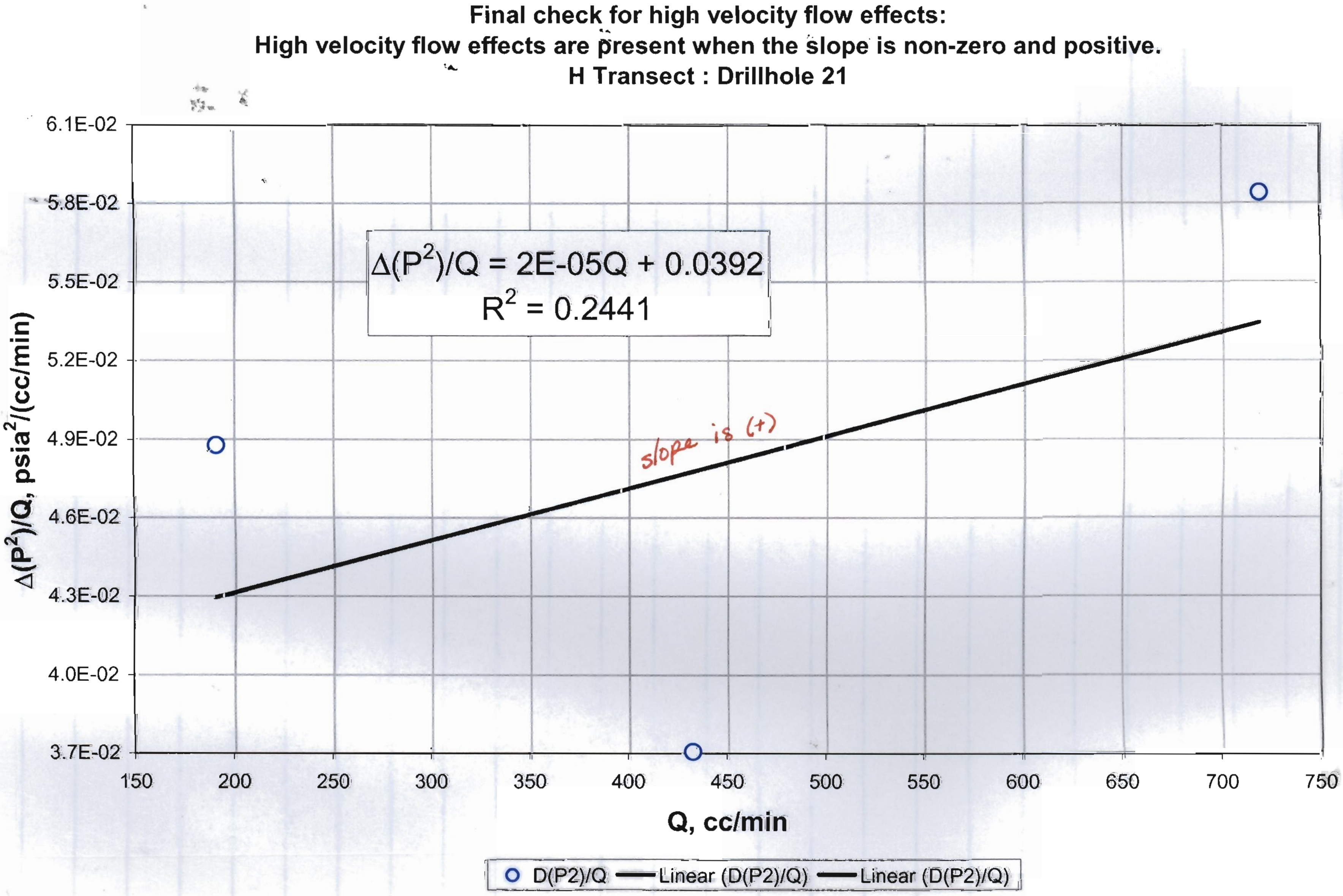
RMM, 12/19/08



Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 21

→ 7% CLD, 05/08/03

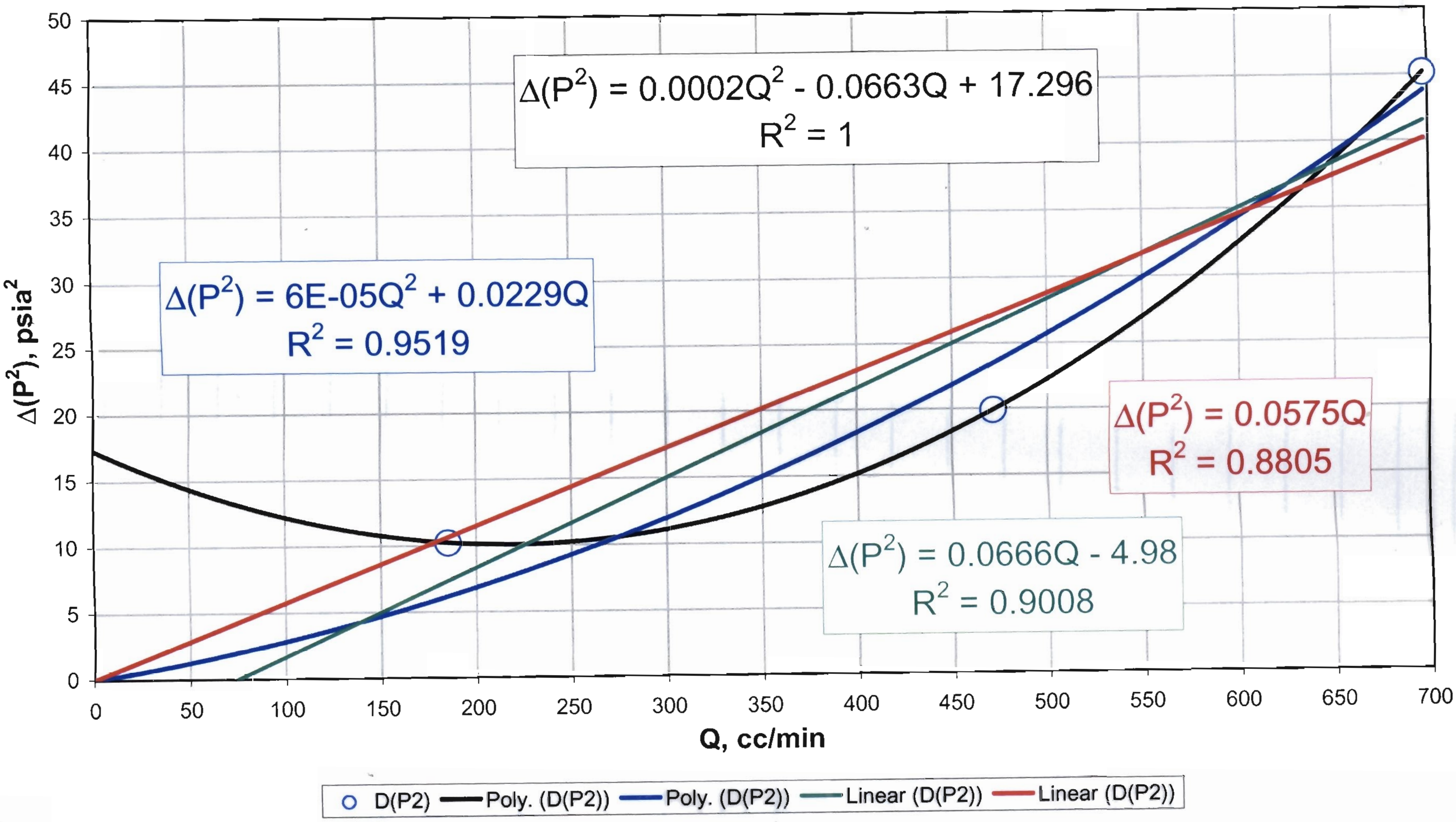
RMM, 12/19/08



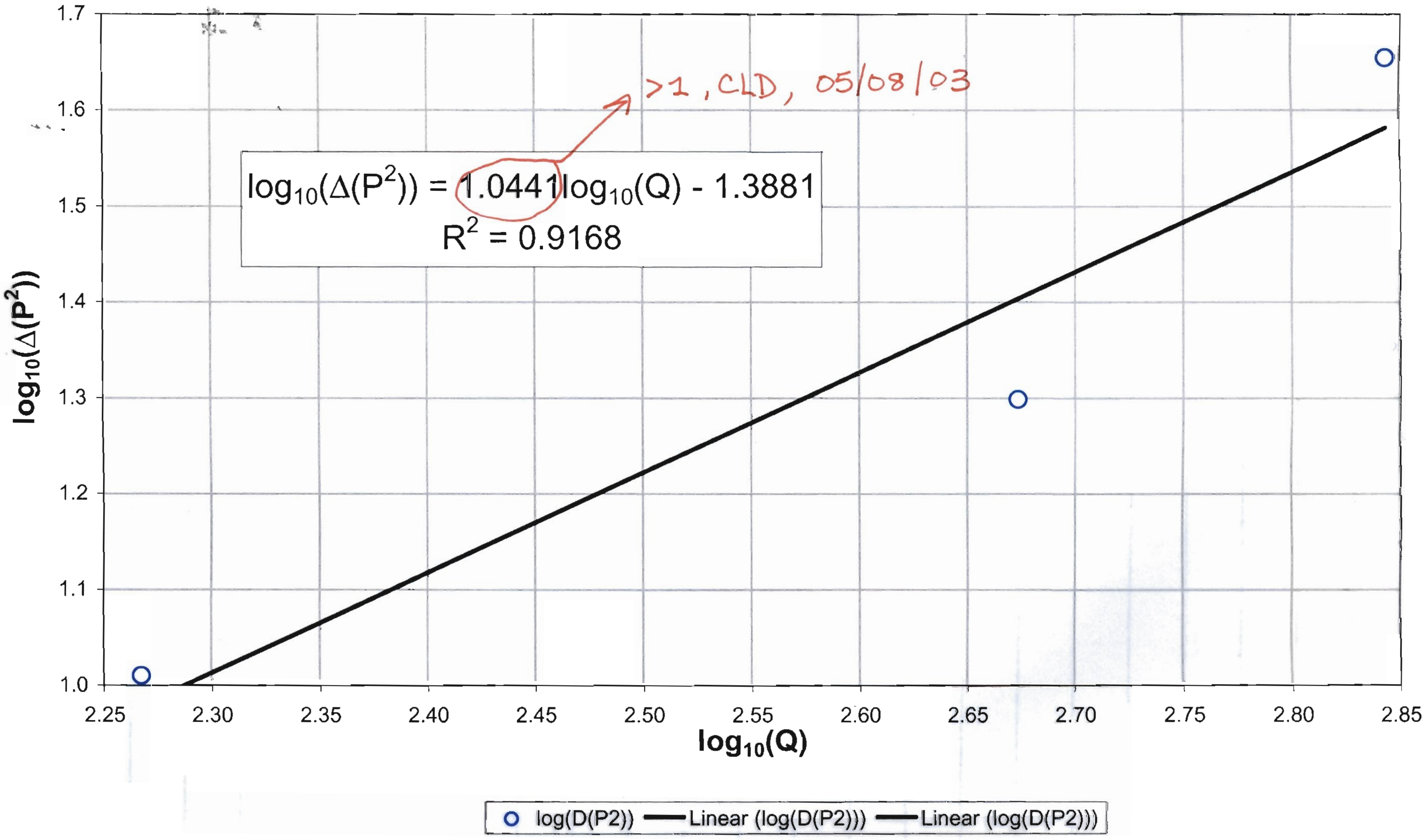
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 21

slope is (+)

RMM, 12/19/02

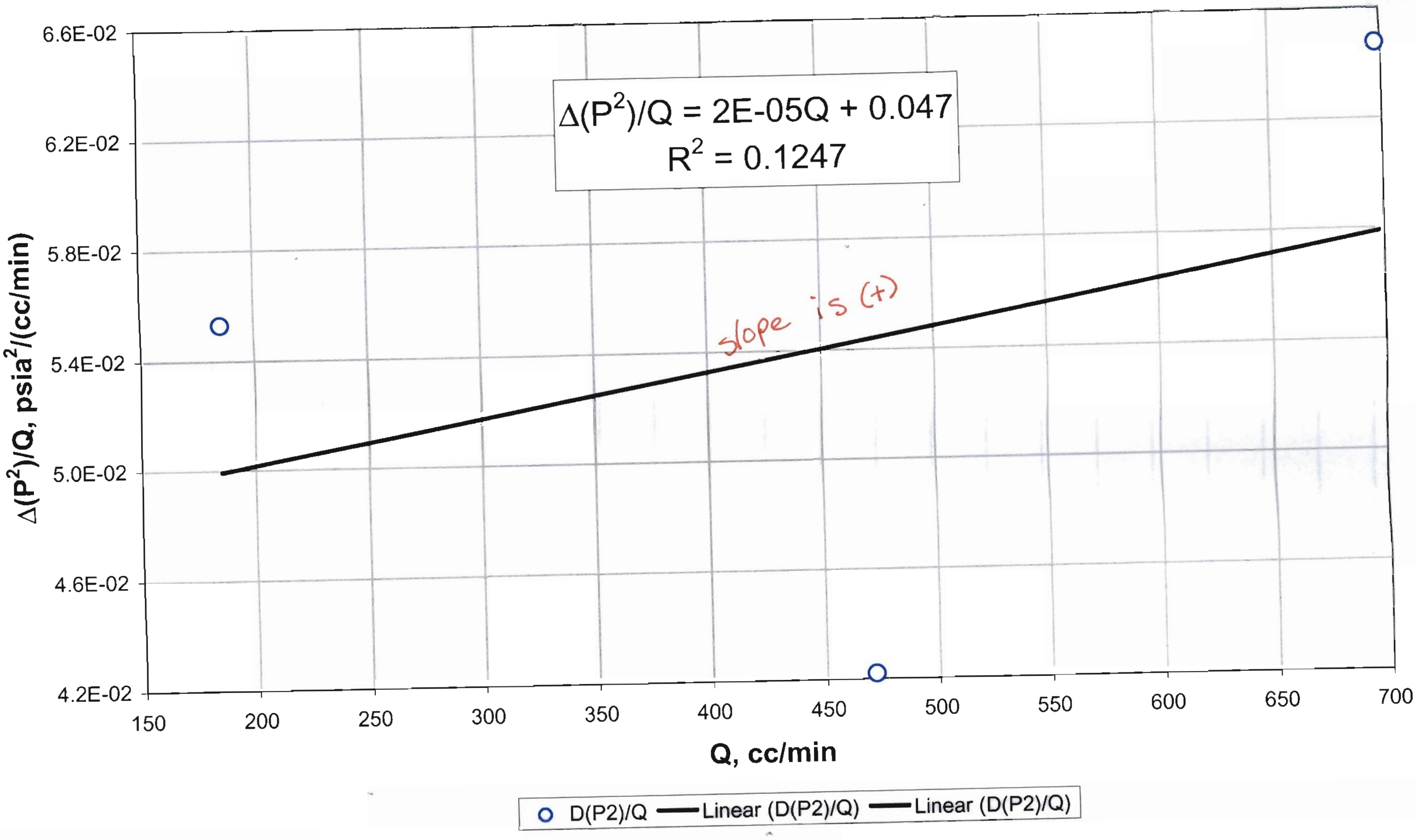

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 22

RMM, 12/19/02


Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 22

>1, CLD, 05/08/03

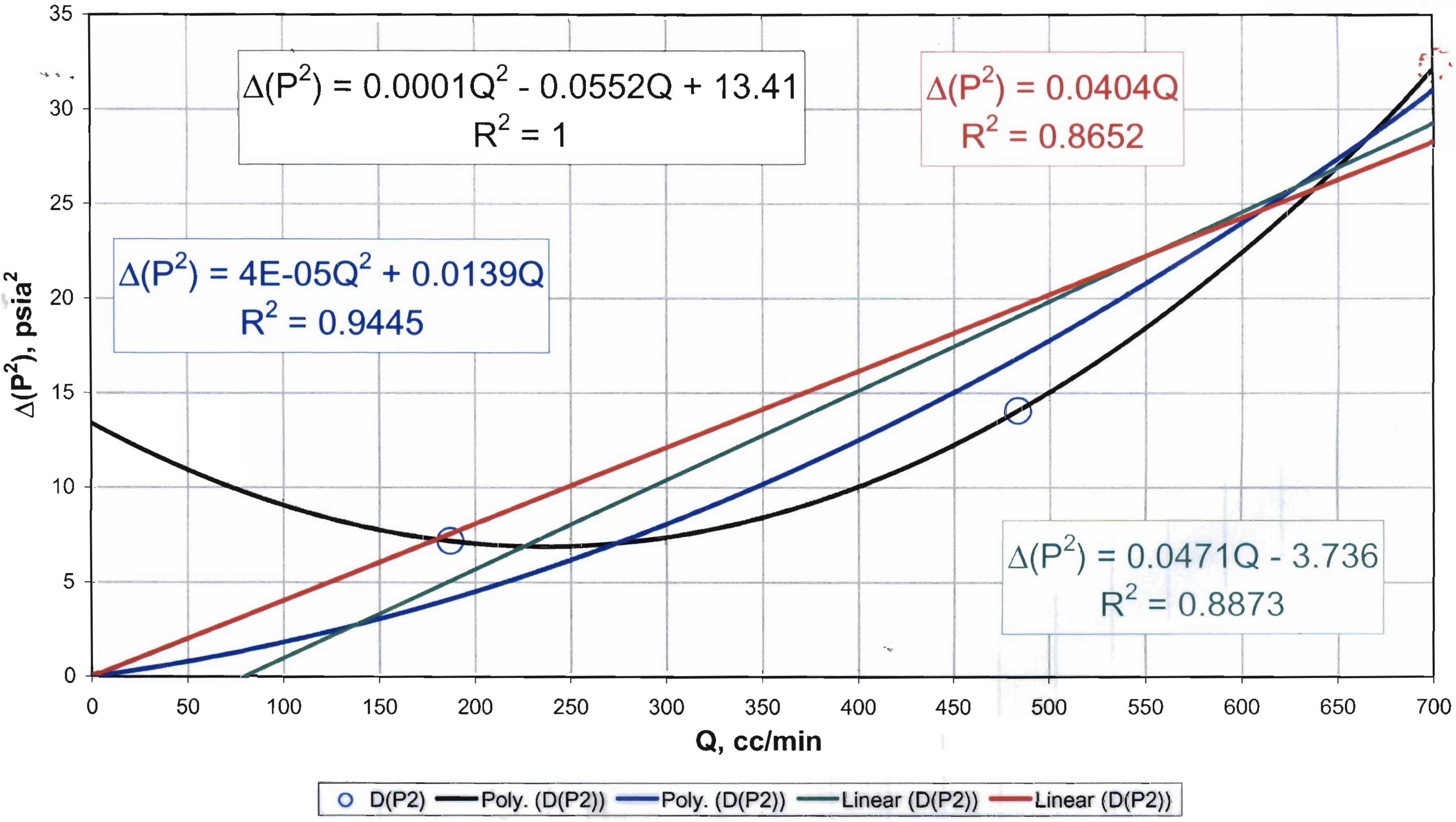
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 22



RMM 12/19/02

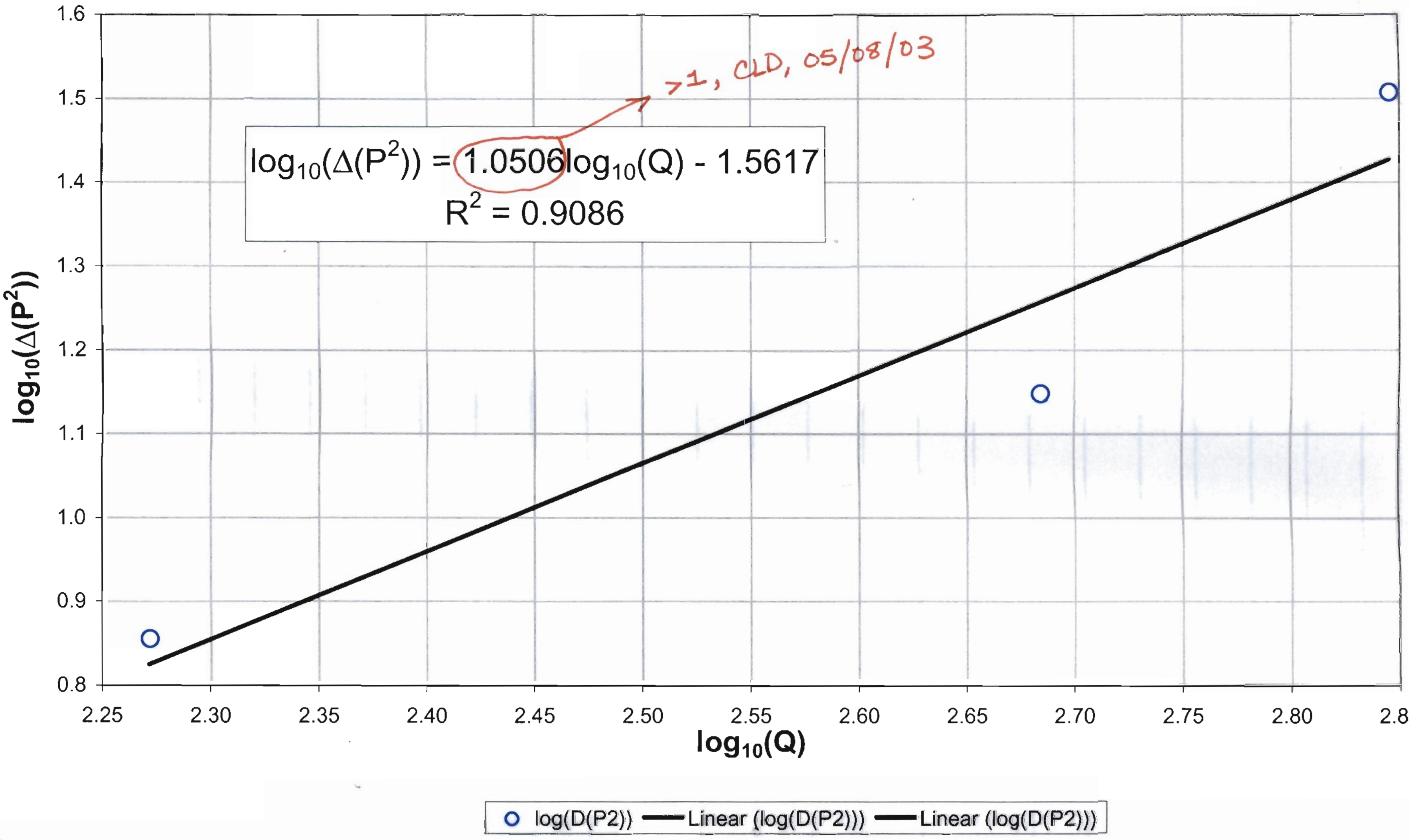
Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 23

CLD, 05/08/03 missing datum



RMM 12/18/02

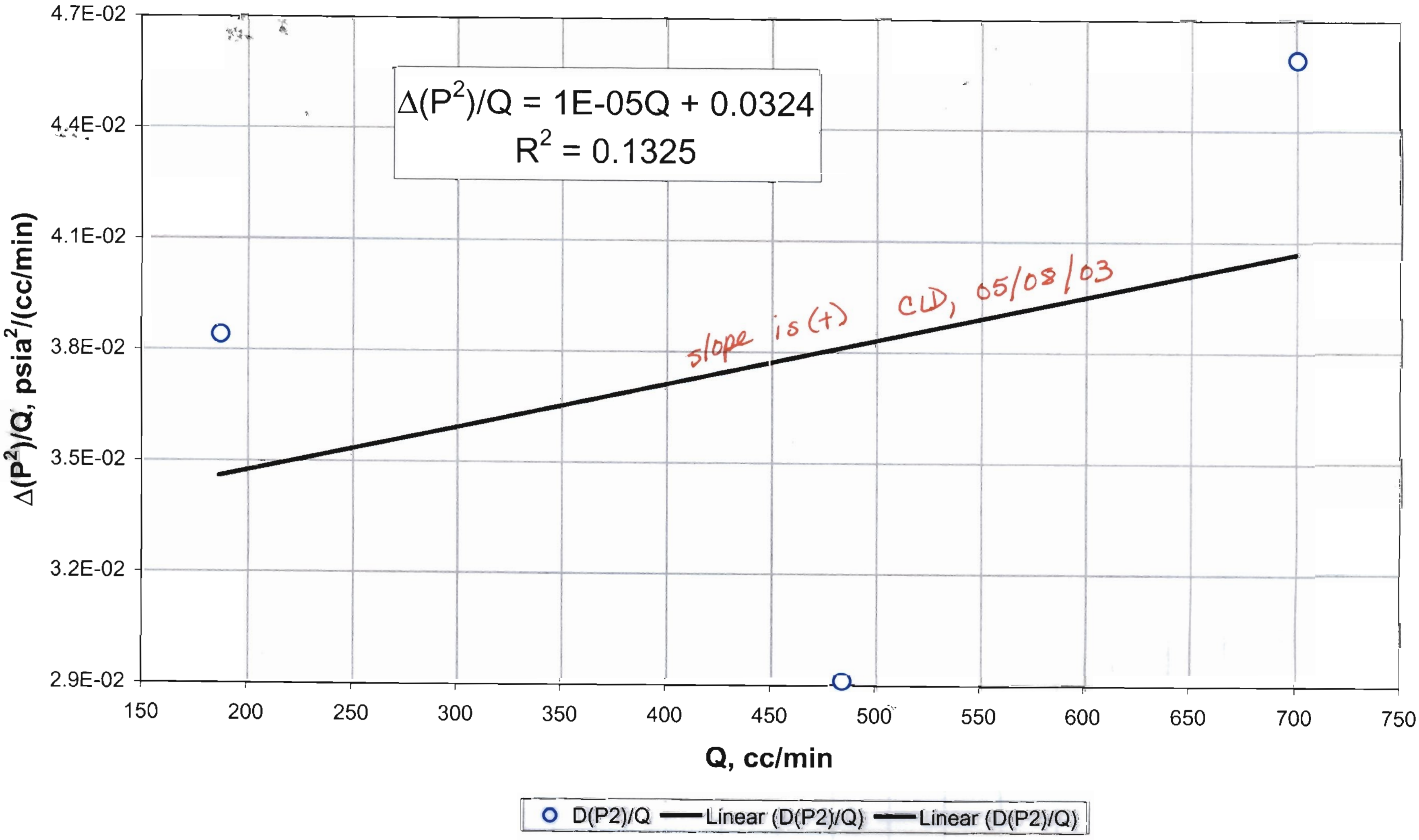
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 23



>1, CLD, 05/08/03

RWM 12/19/08

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 23

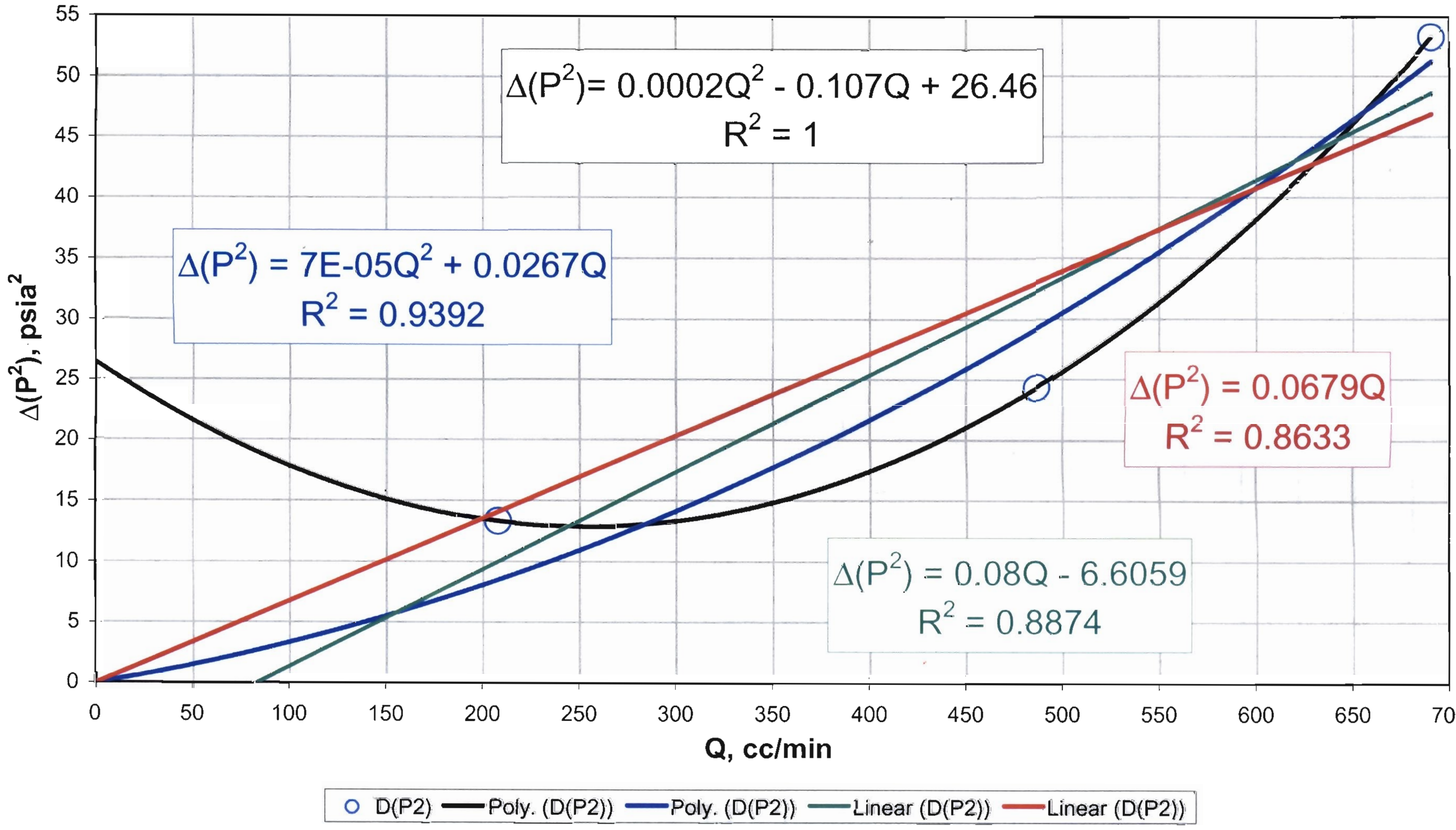


slope is (+) CLD, 05/08/03

RWM 12/19/08

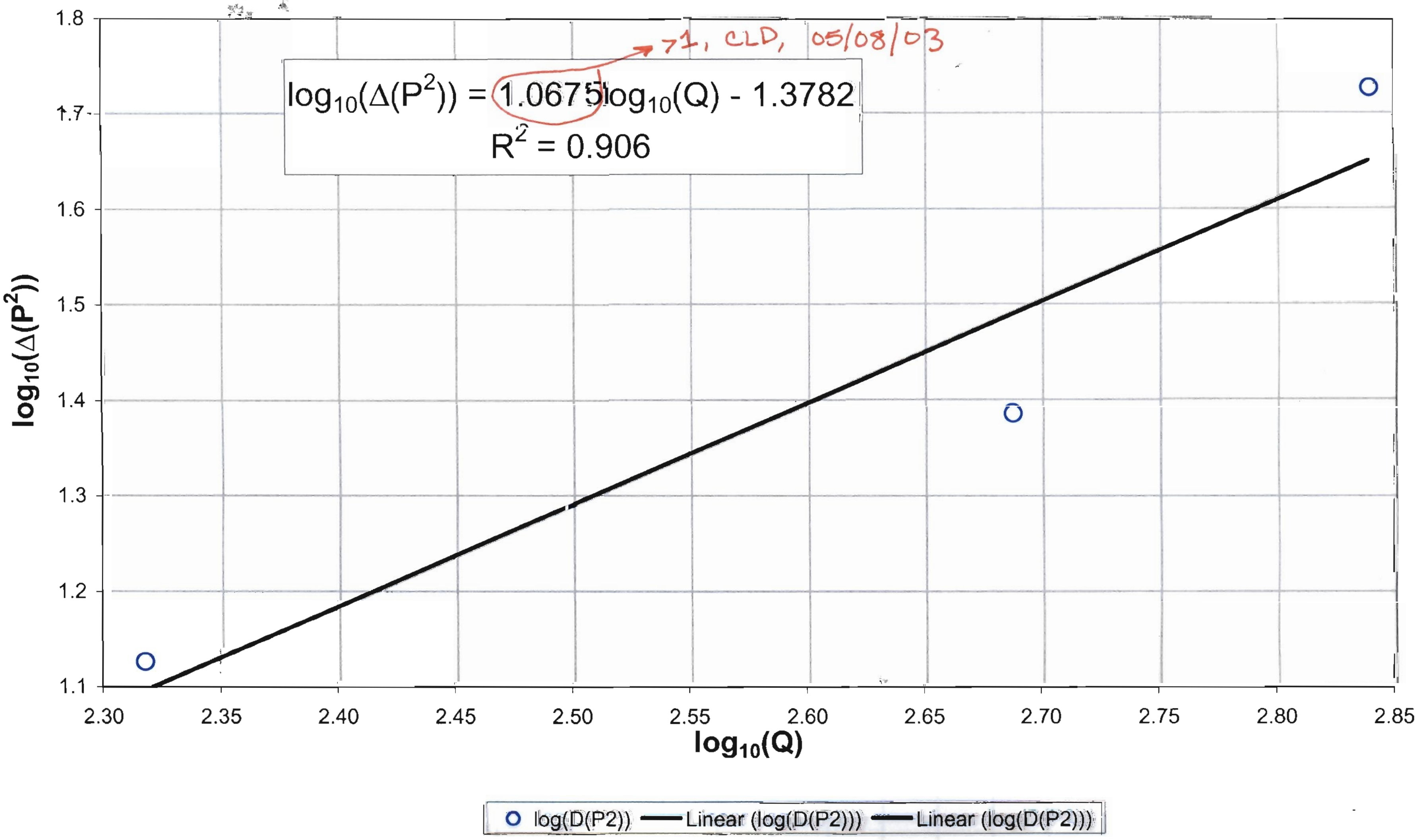
RMM, 12/19/08

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 24



RMM, 12/19/08

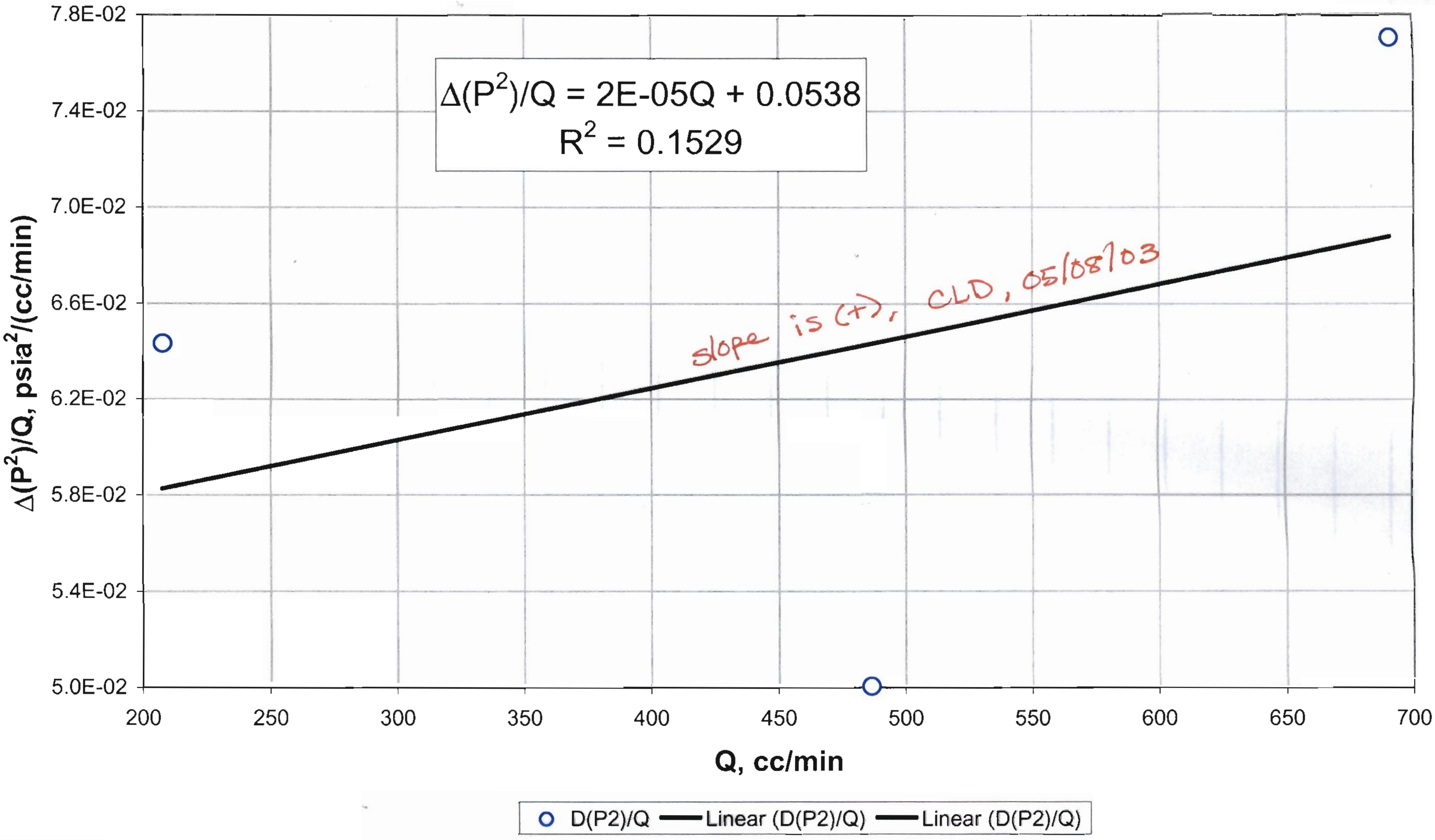
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 24



>1, CLD, 05/08/03

RNM, 12/19/02

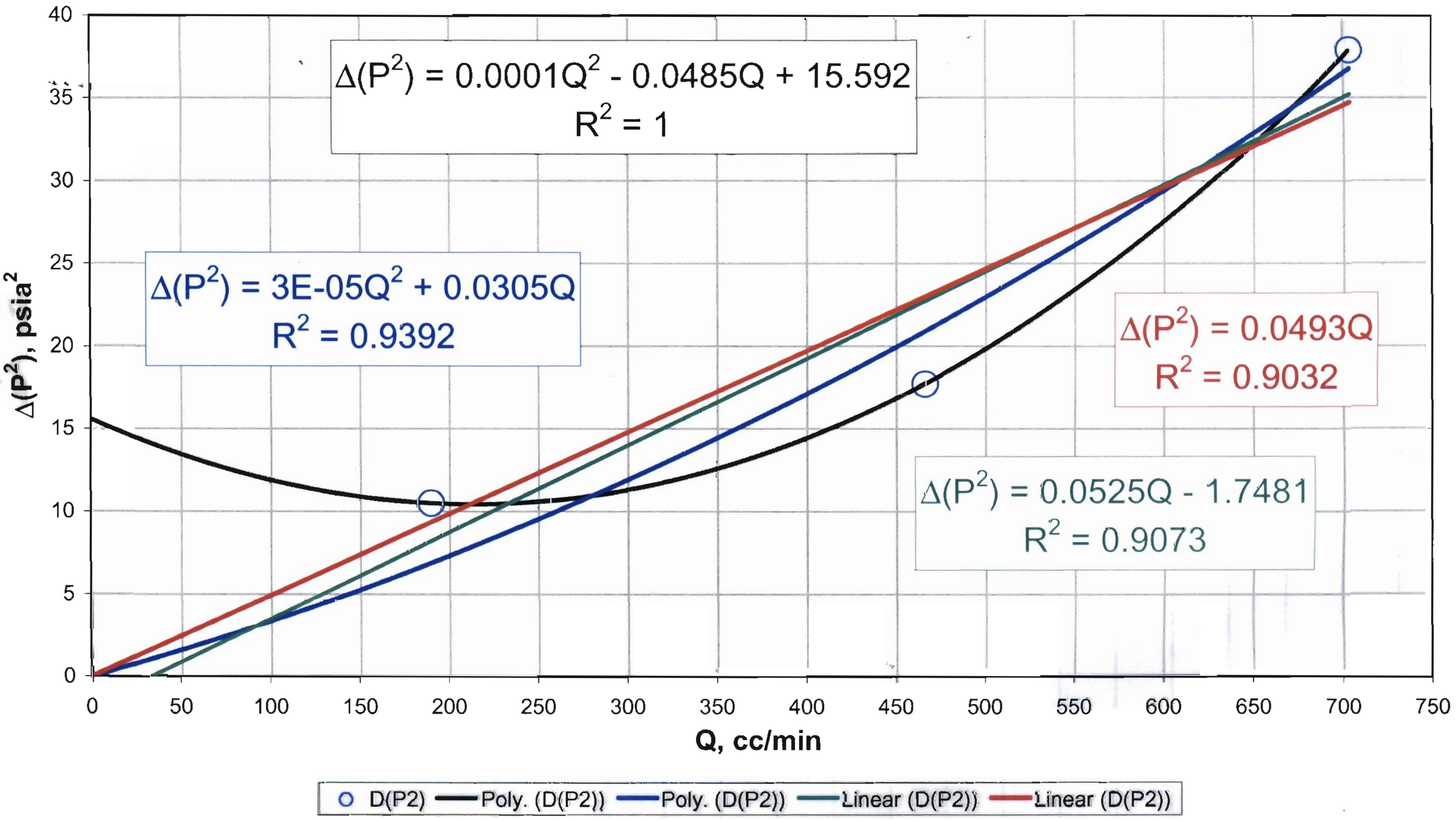
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 24



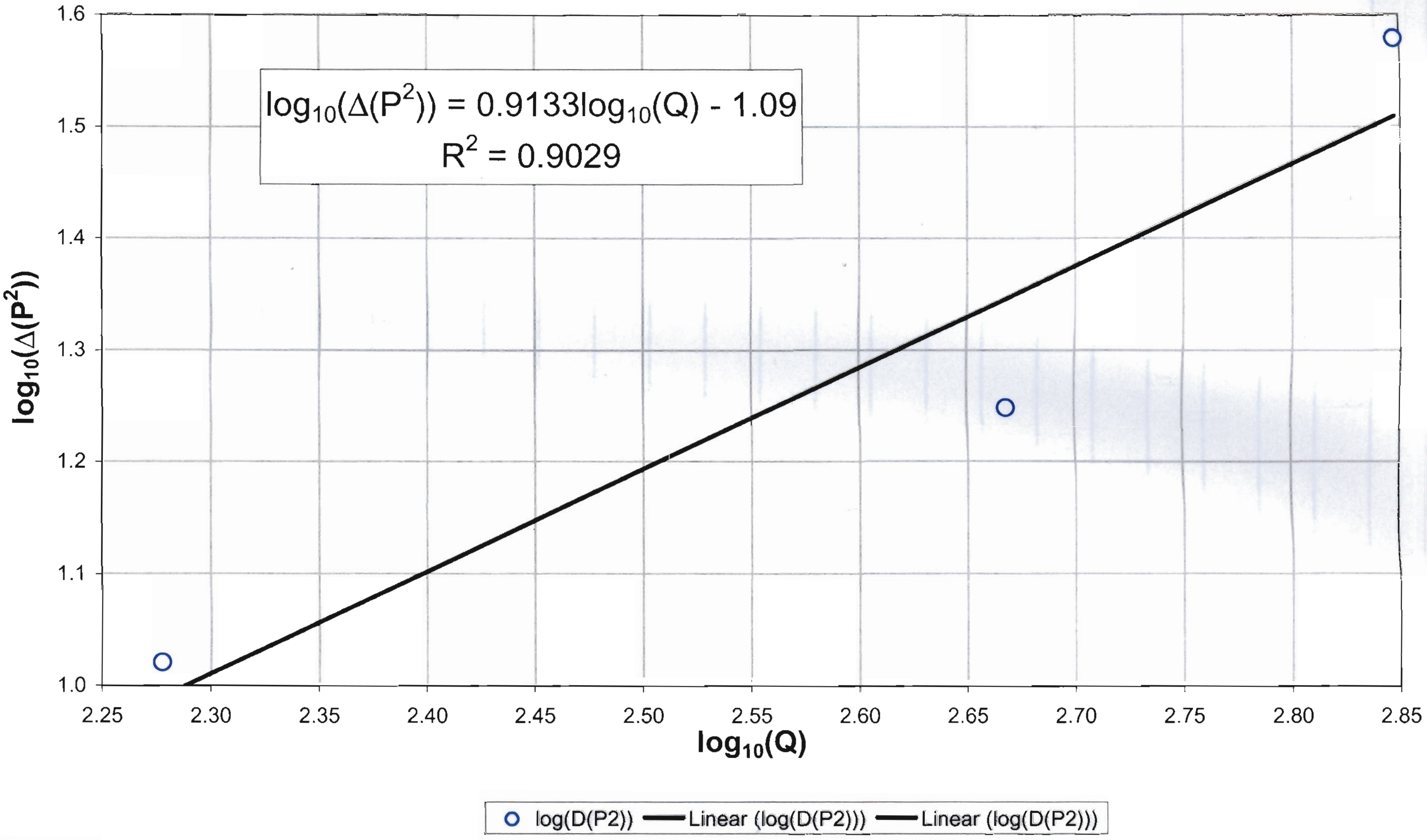
slope is (+), CLD, 05/08/03

RNM, 12/19/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 25

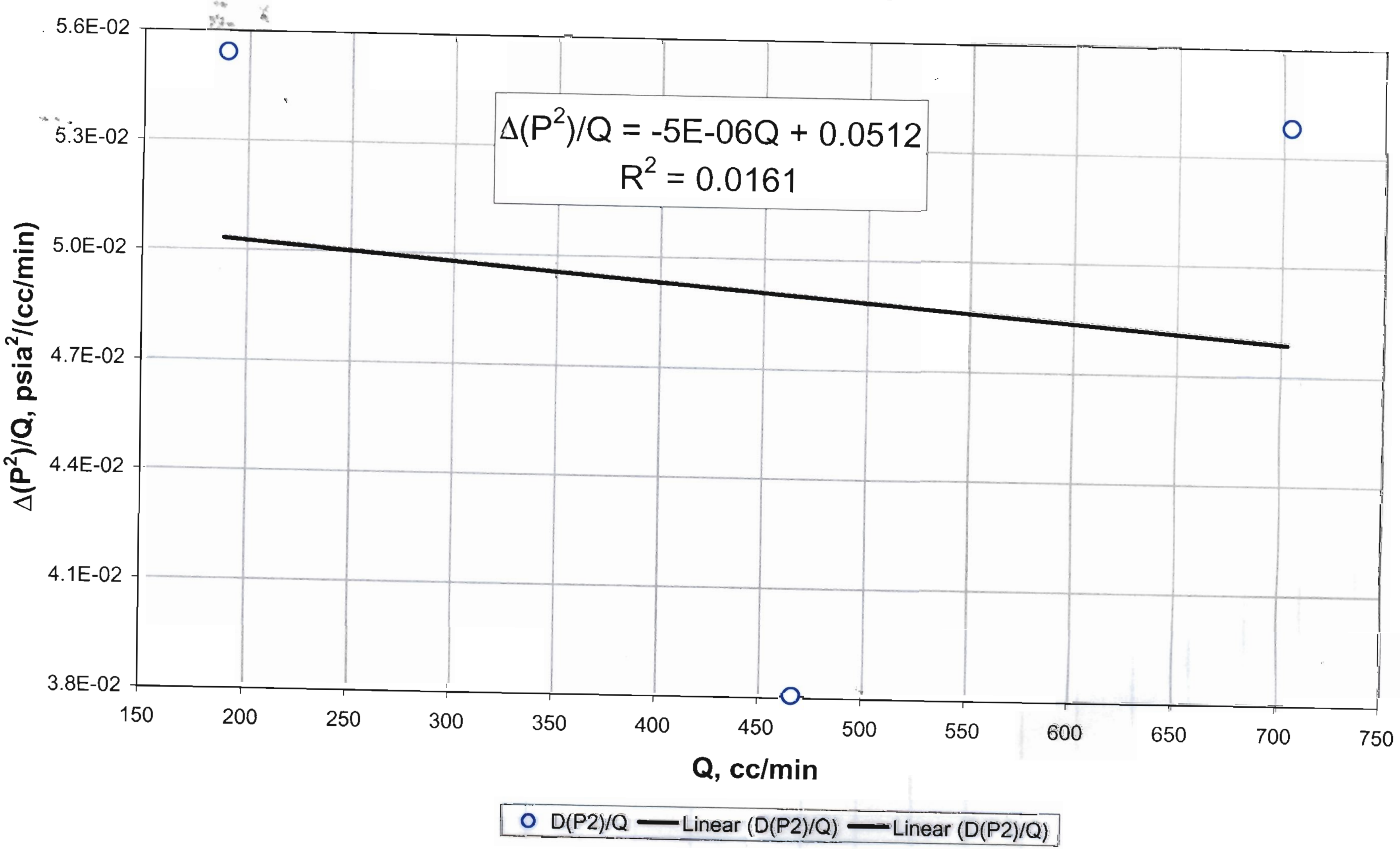


Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 25



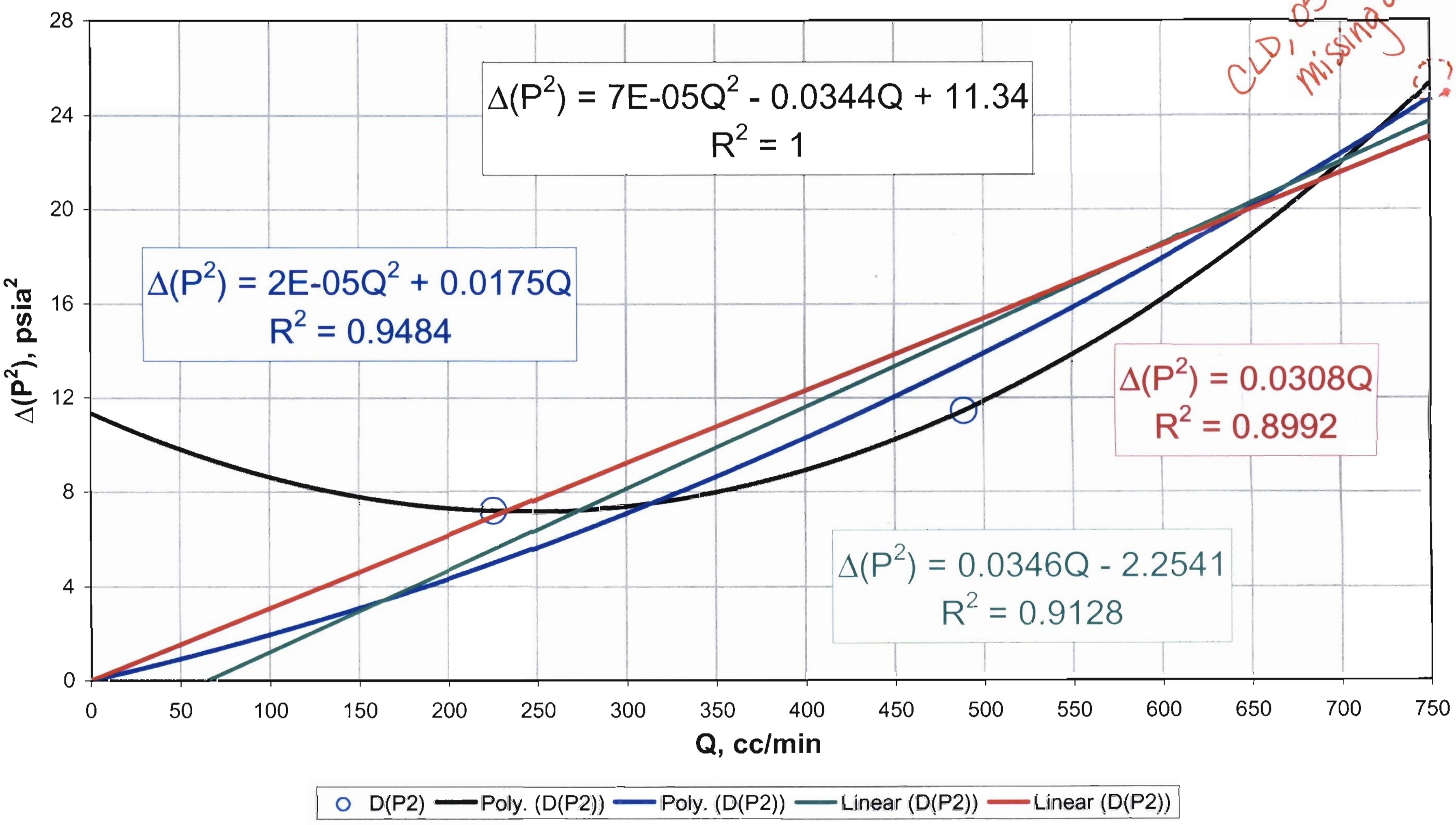
RNM, 12/19/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 25



RNM, 12/19/02

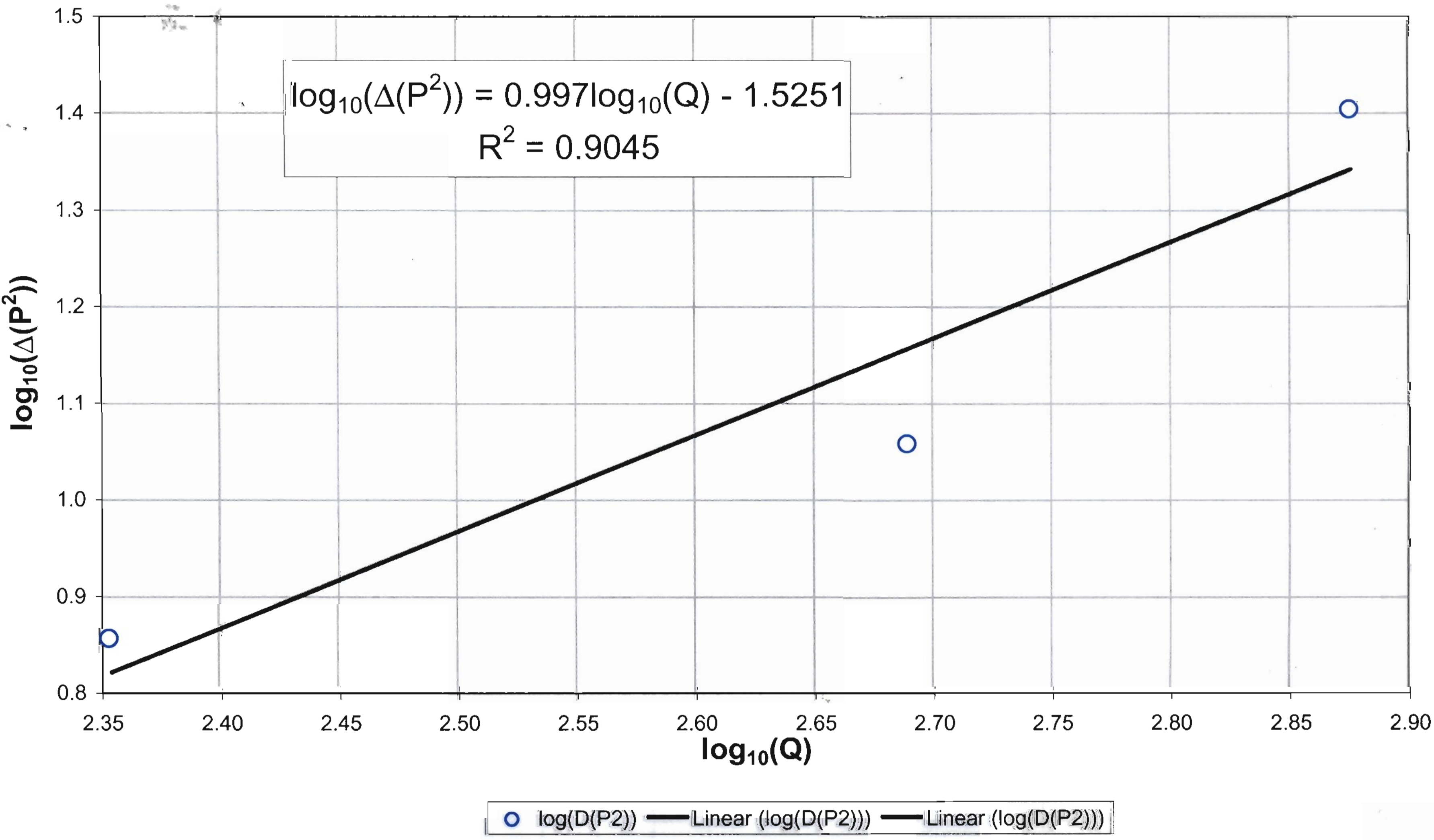
Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 26



CLD, 05/08/03
missing datum

RMM. 12/19/02

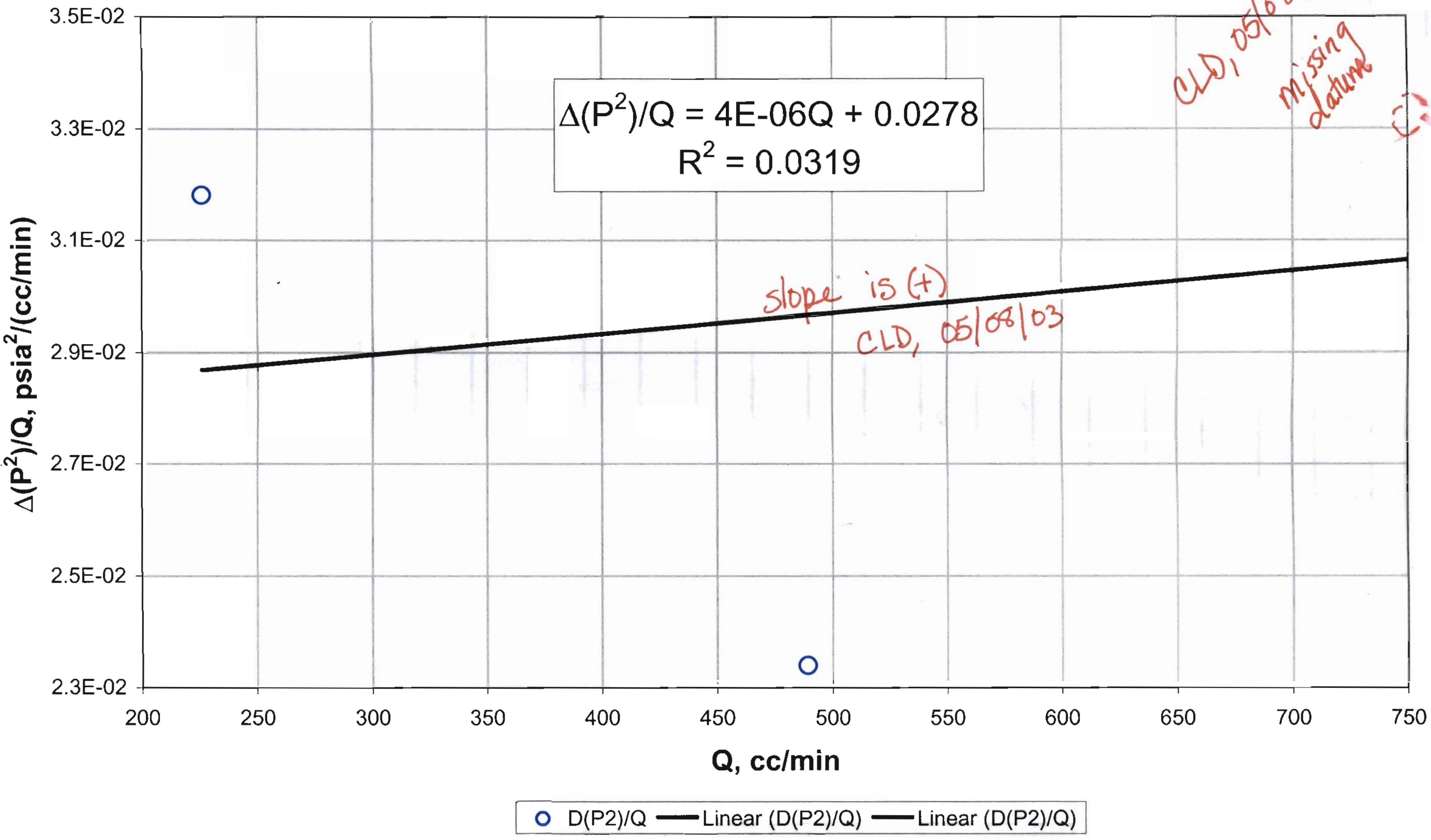
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 26



RMM. 12/19/02

RWM 12/30/03

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 26

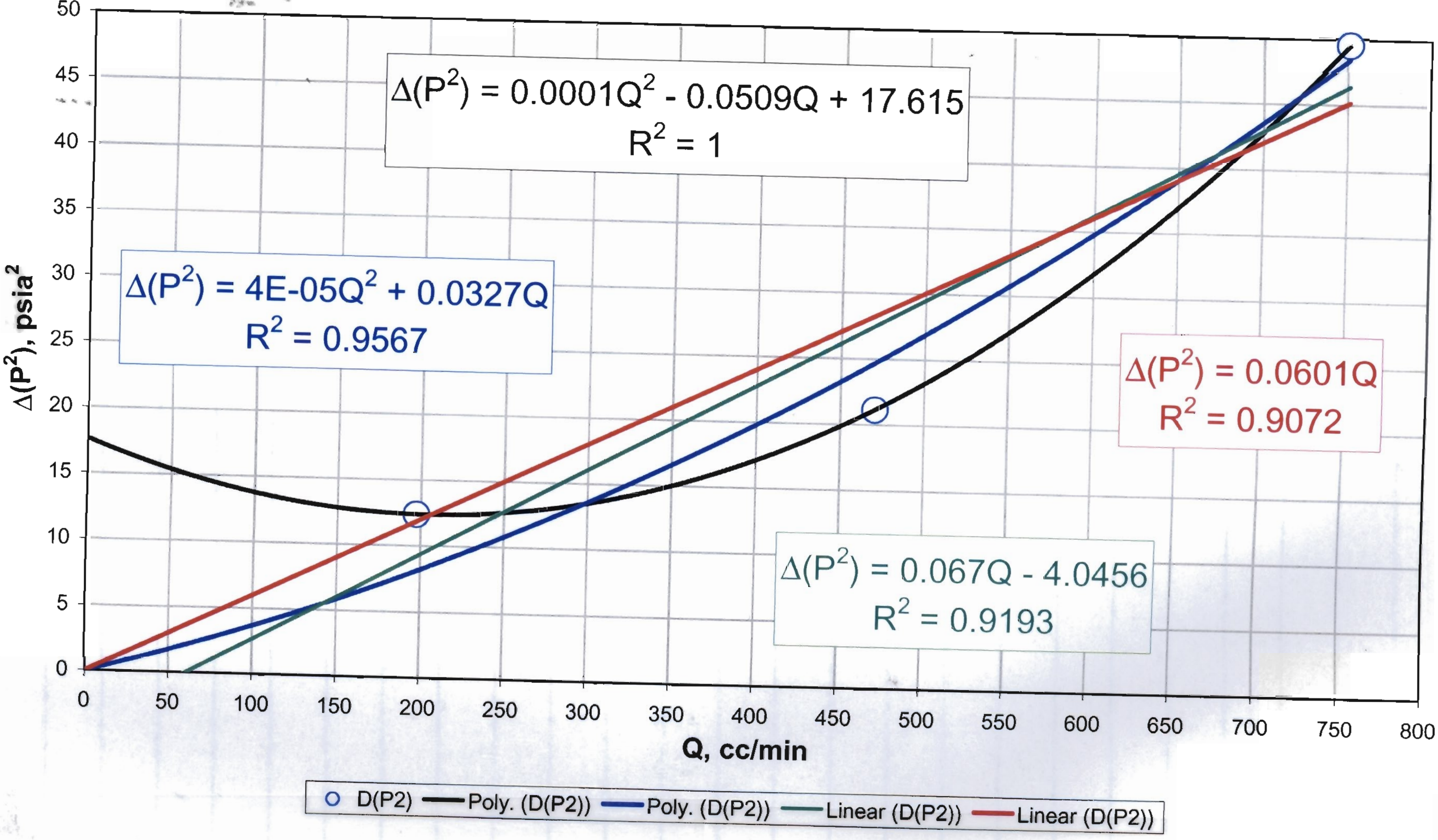


CLD, 05/08/03
missing datum

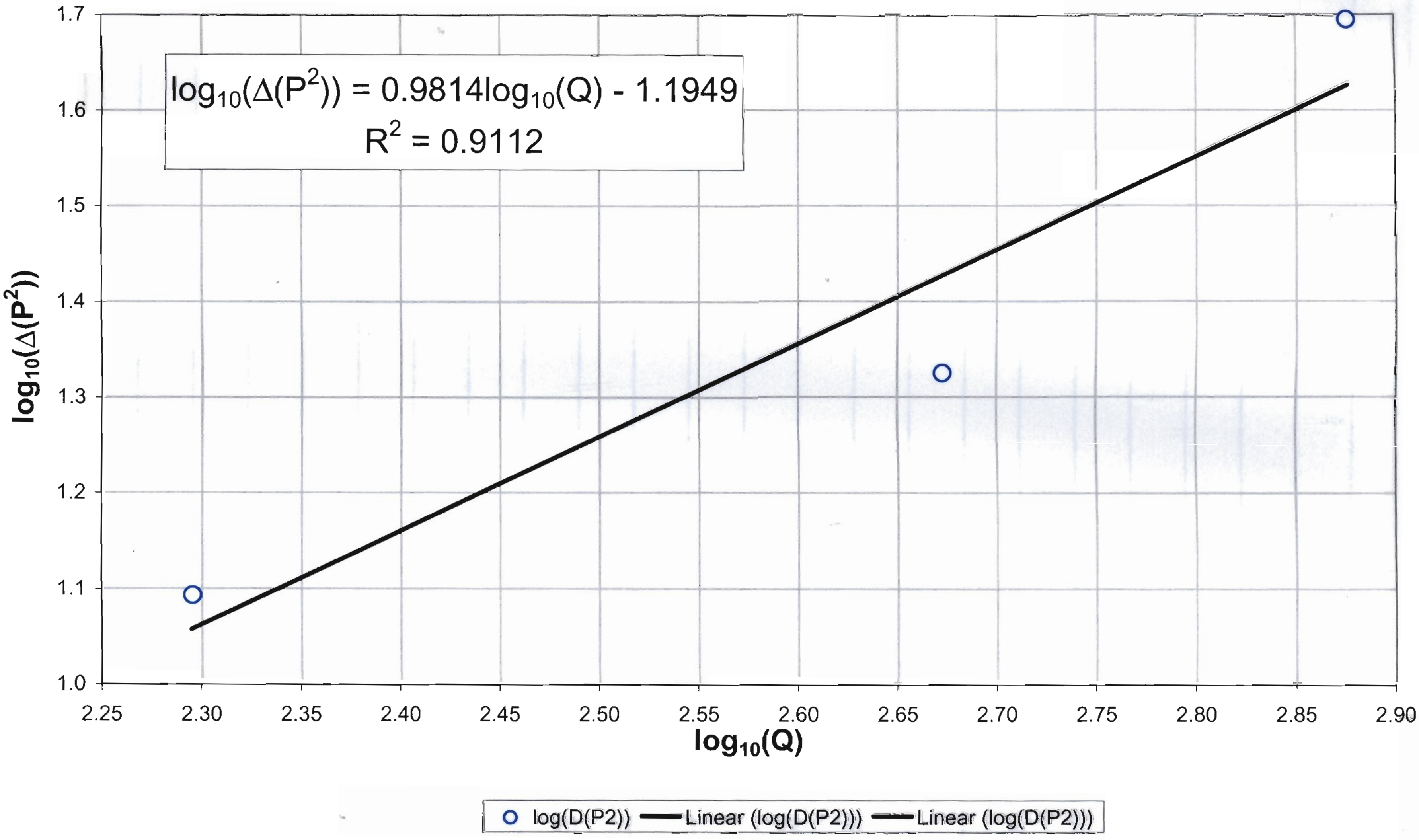
slope is (+)
CLD, 05/08/03

RWM, 12/30/03

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 27

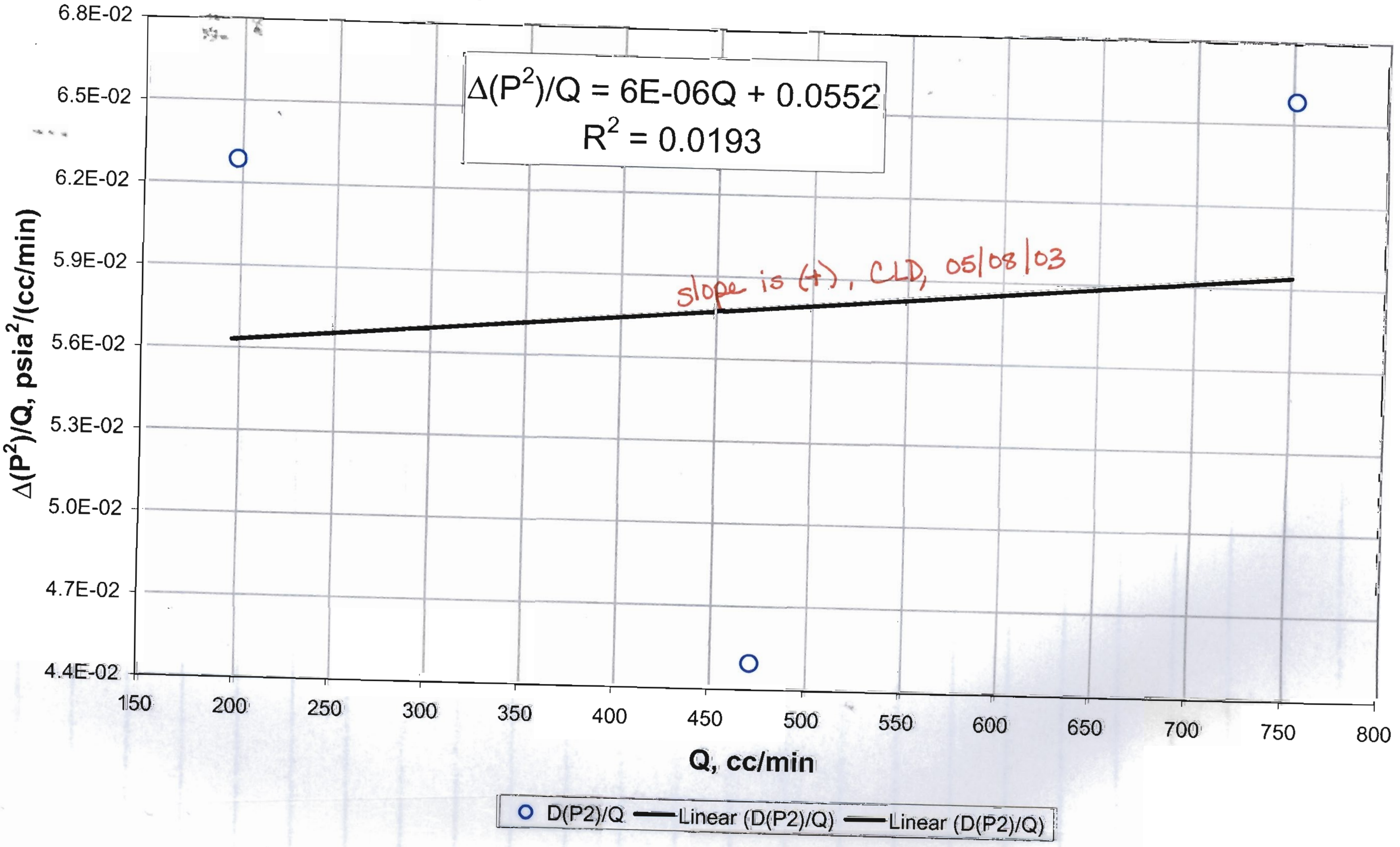


Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 27



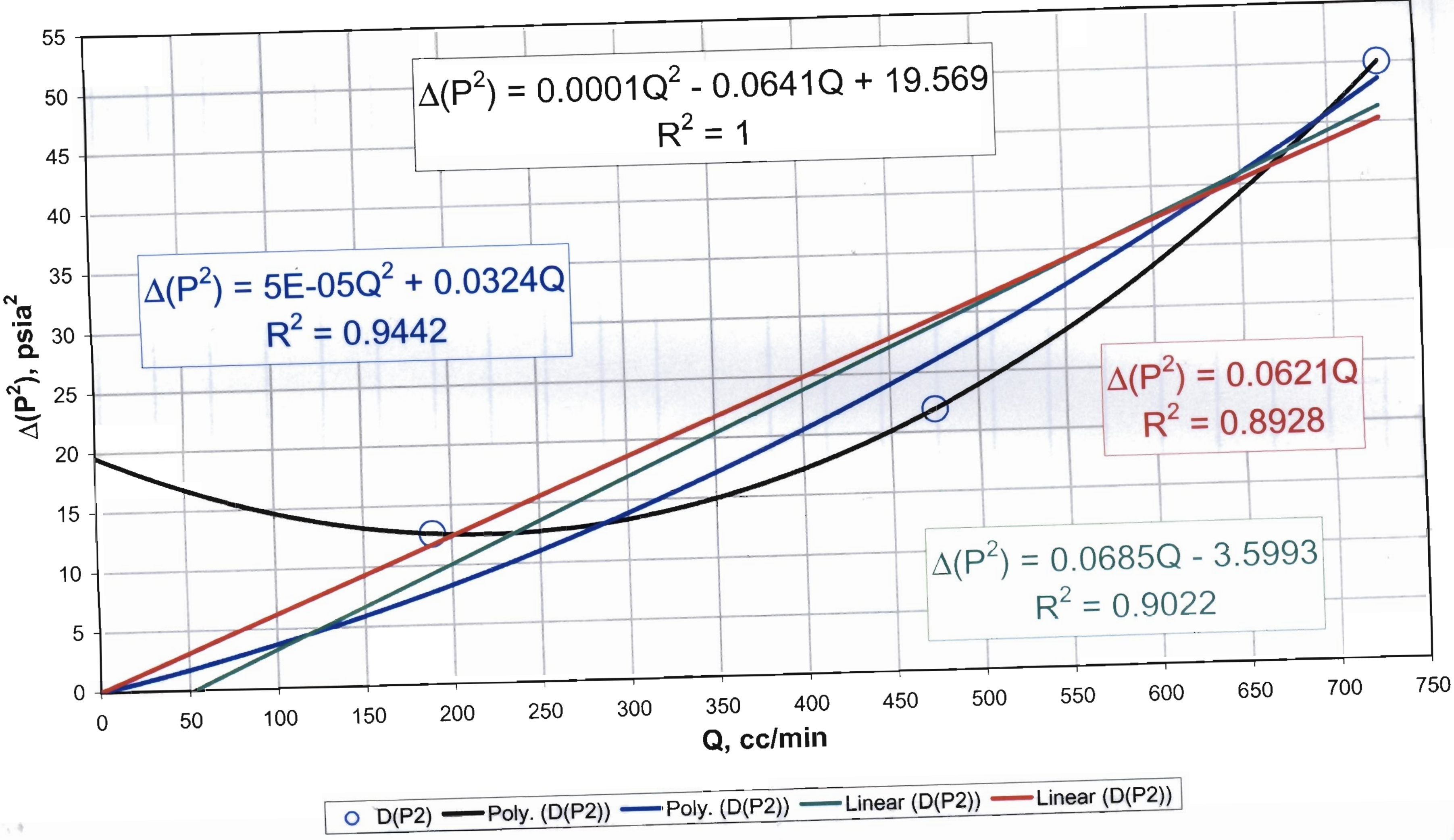
RWM, 12/20/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 27



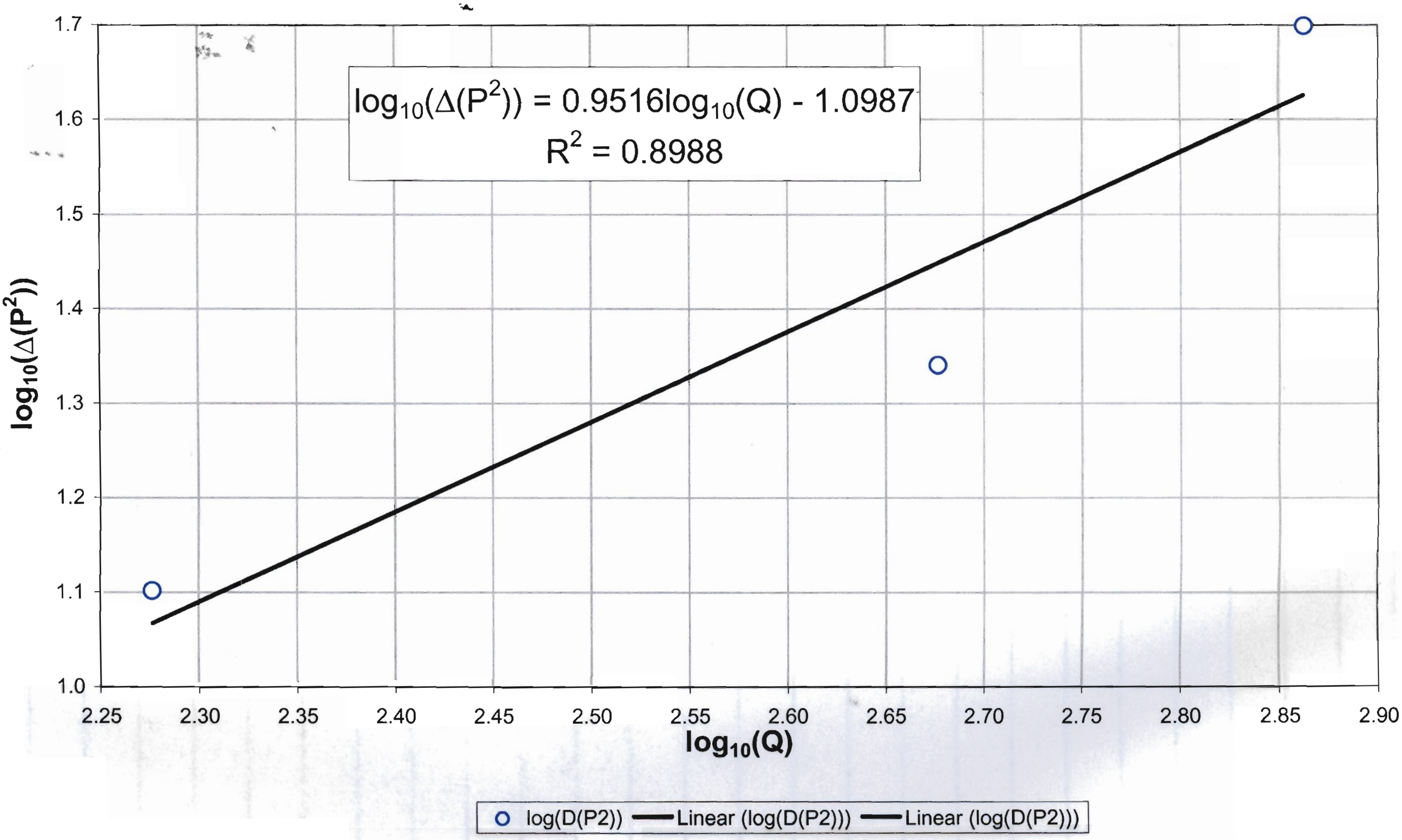
slope is (+), CLD, 05/08/03

RWM, 12/20/02



Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 28

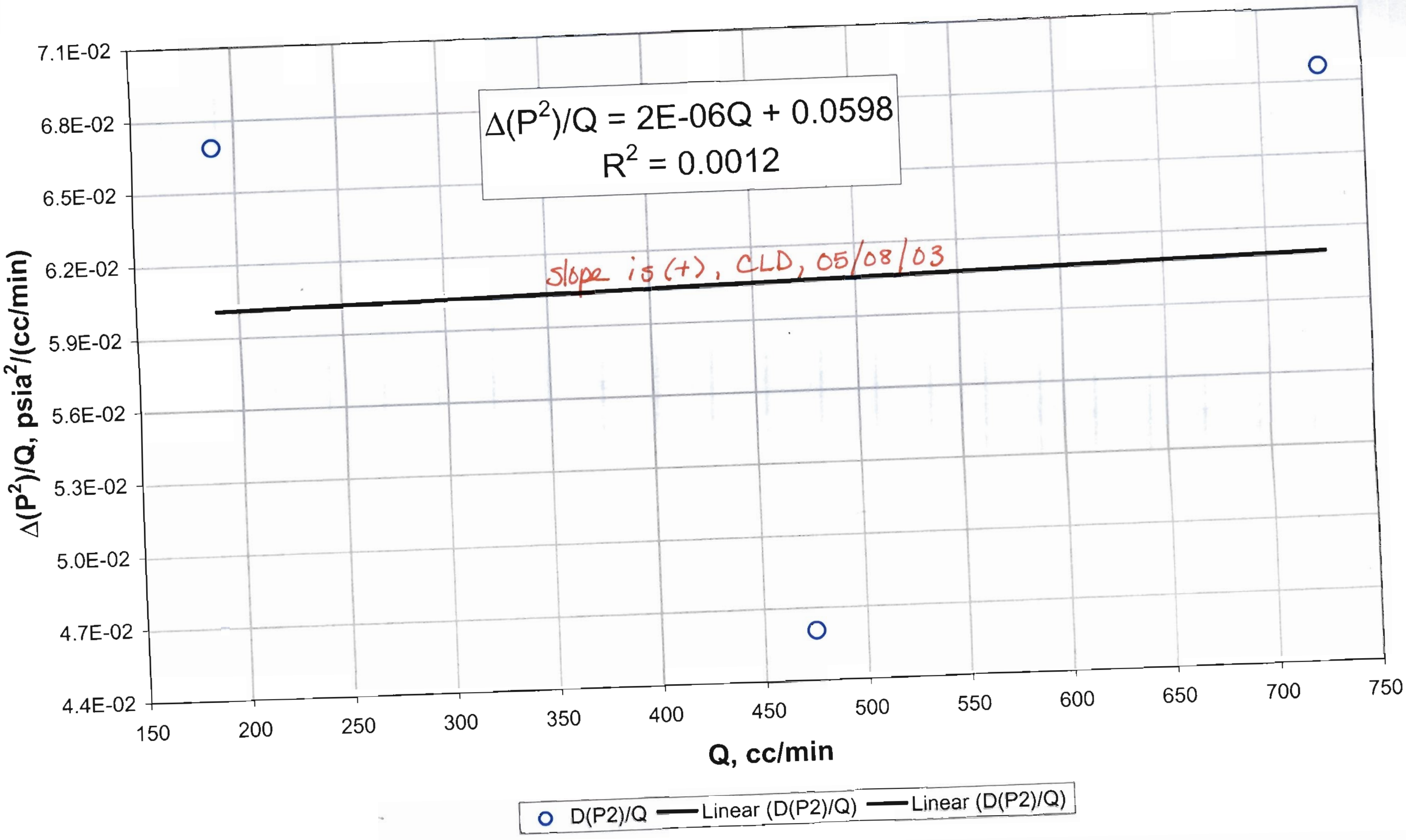
RWM, 12/20/02



Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 28

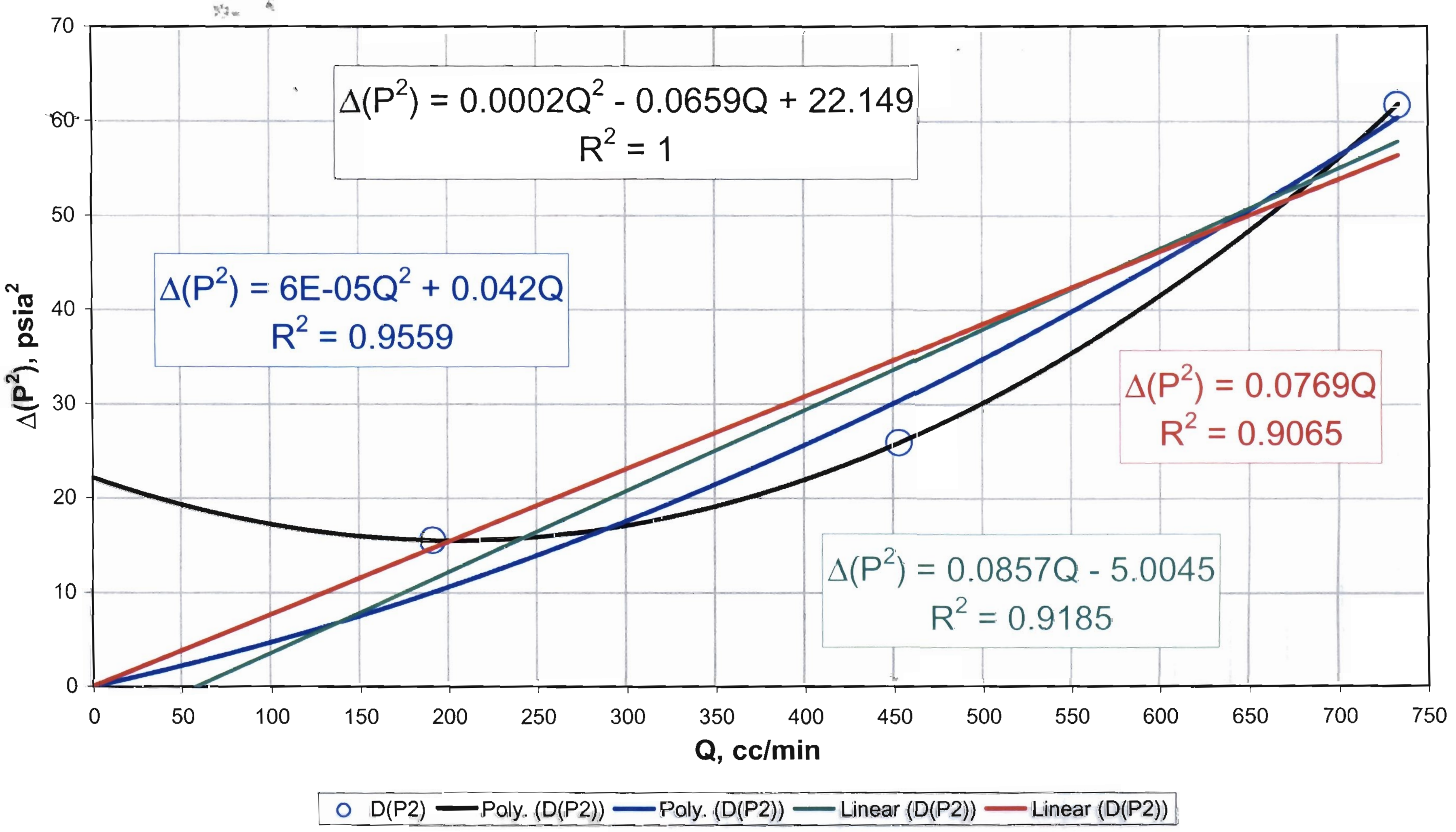
RWM, 12/20/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 28



RMM, 12/30/02

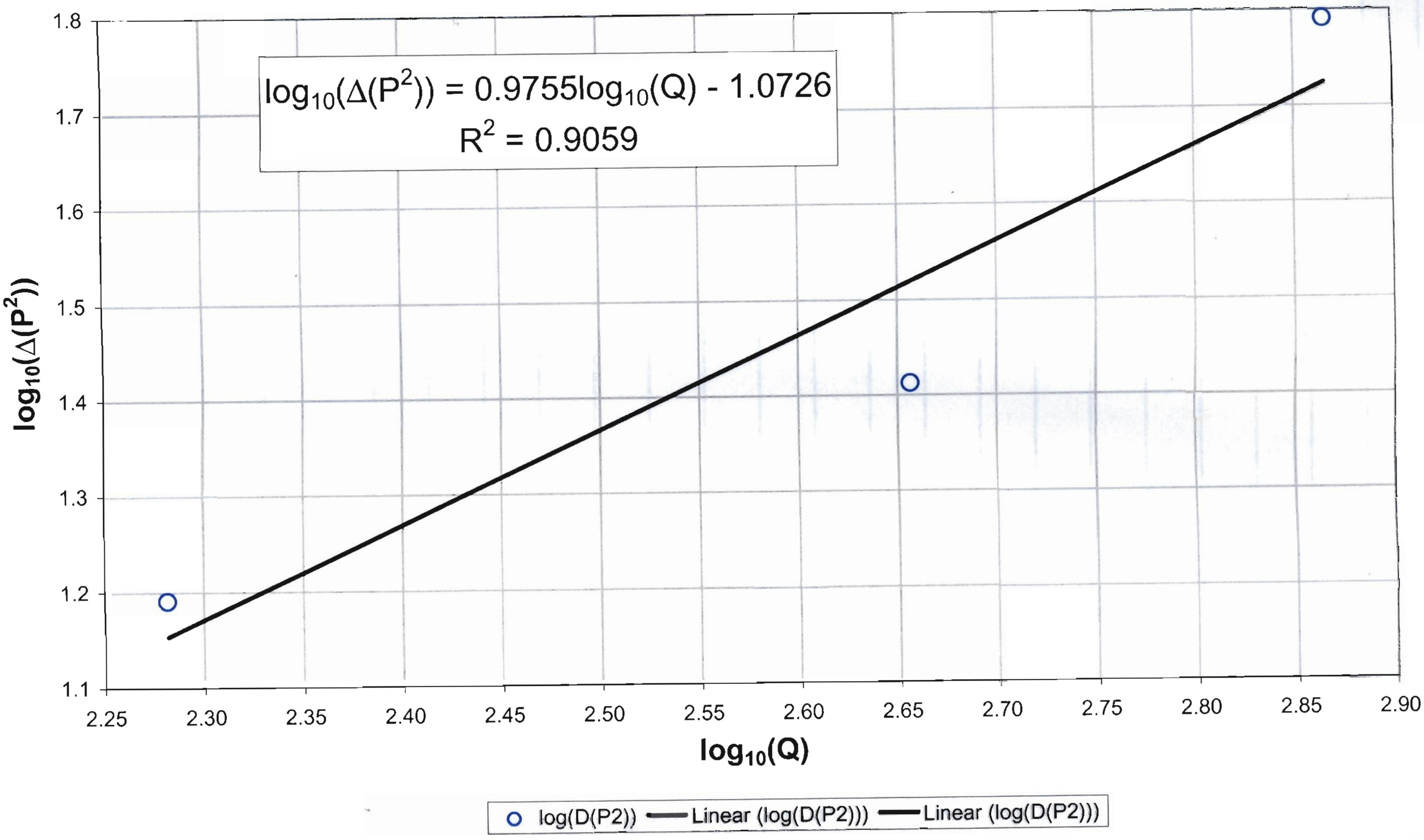
Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 29



RMM, 12/20/02

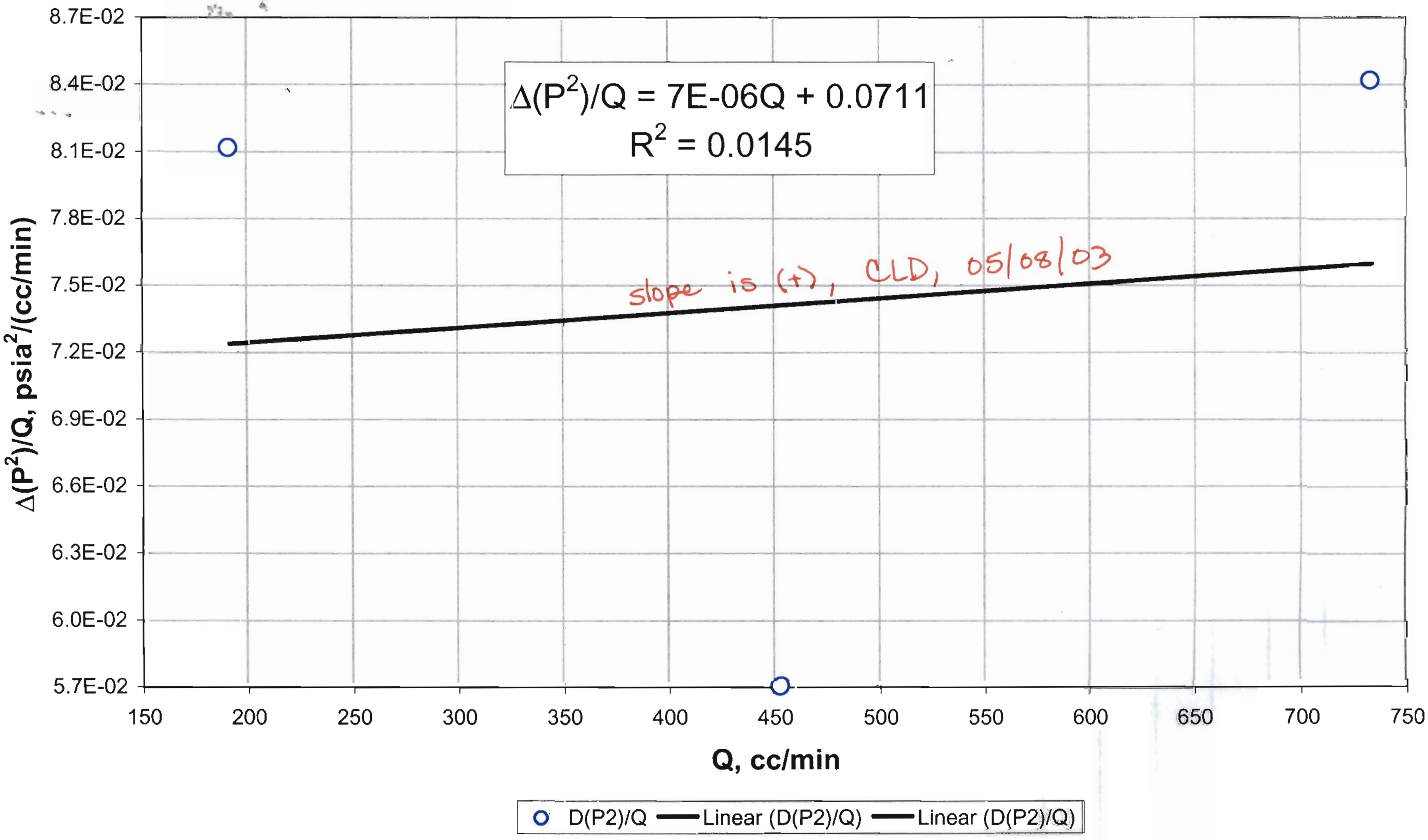
RWM. 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 29



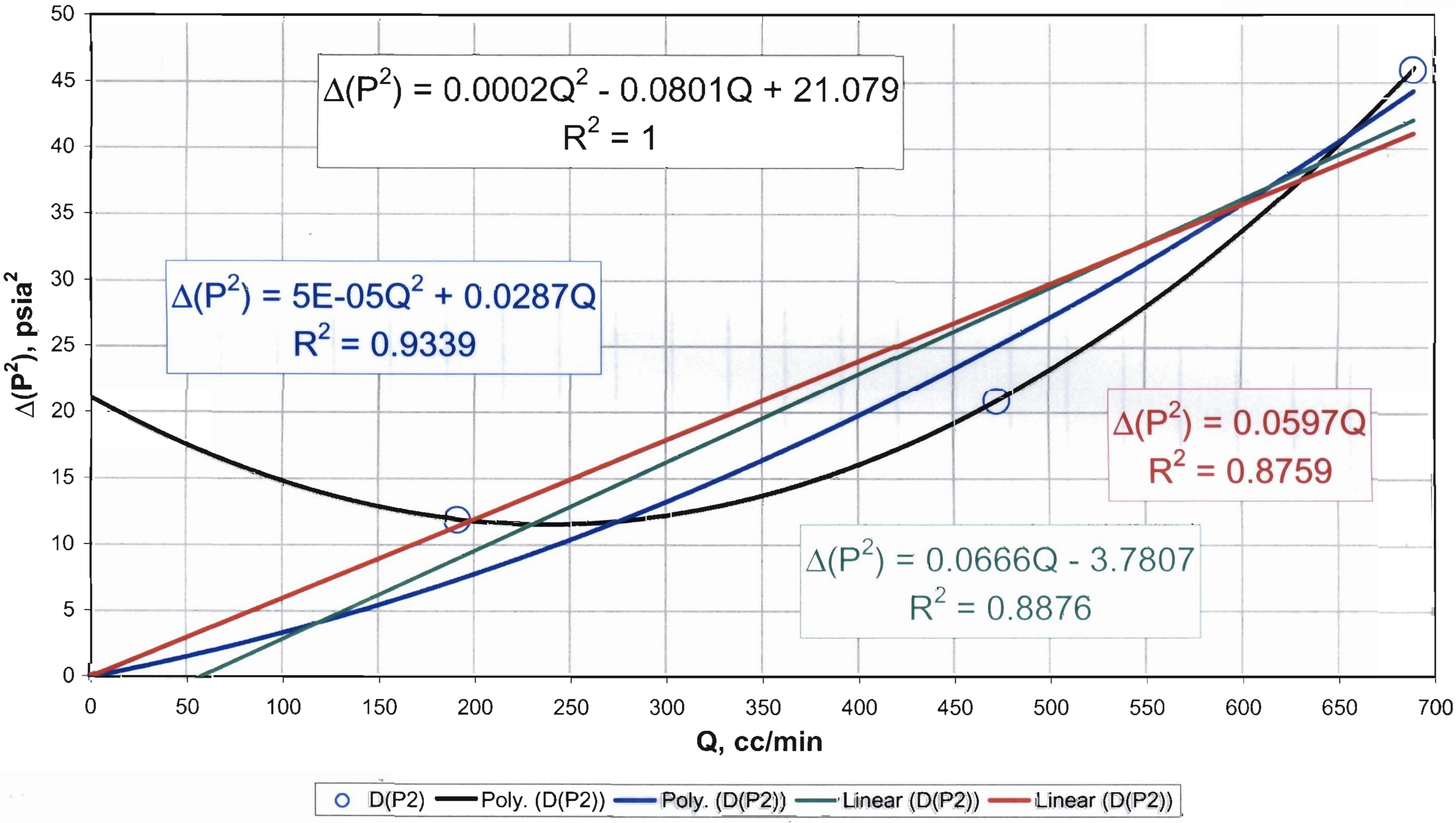
RWM, 12/20/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 29



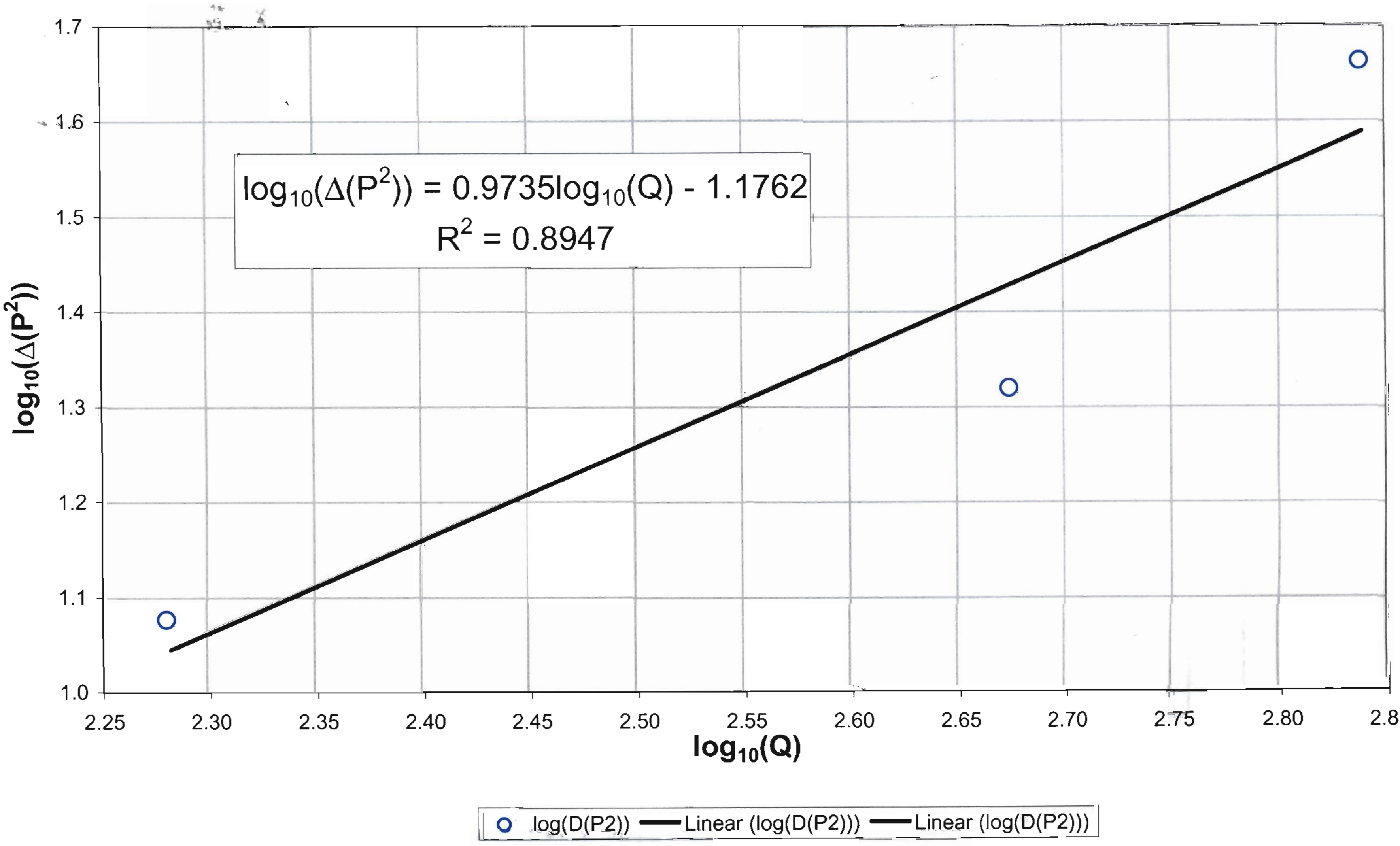
slope is (+), CLD, 05/08/03

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 30



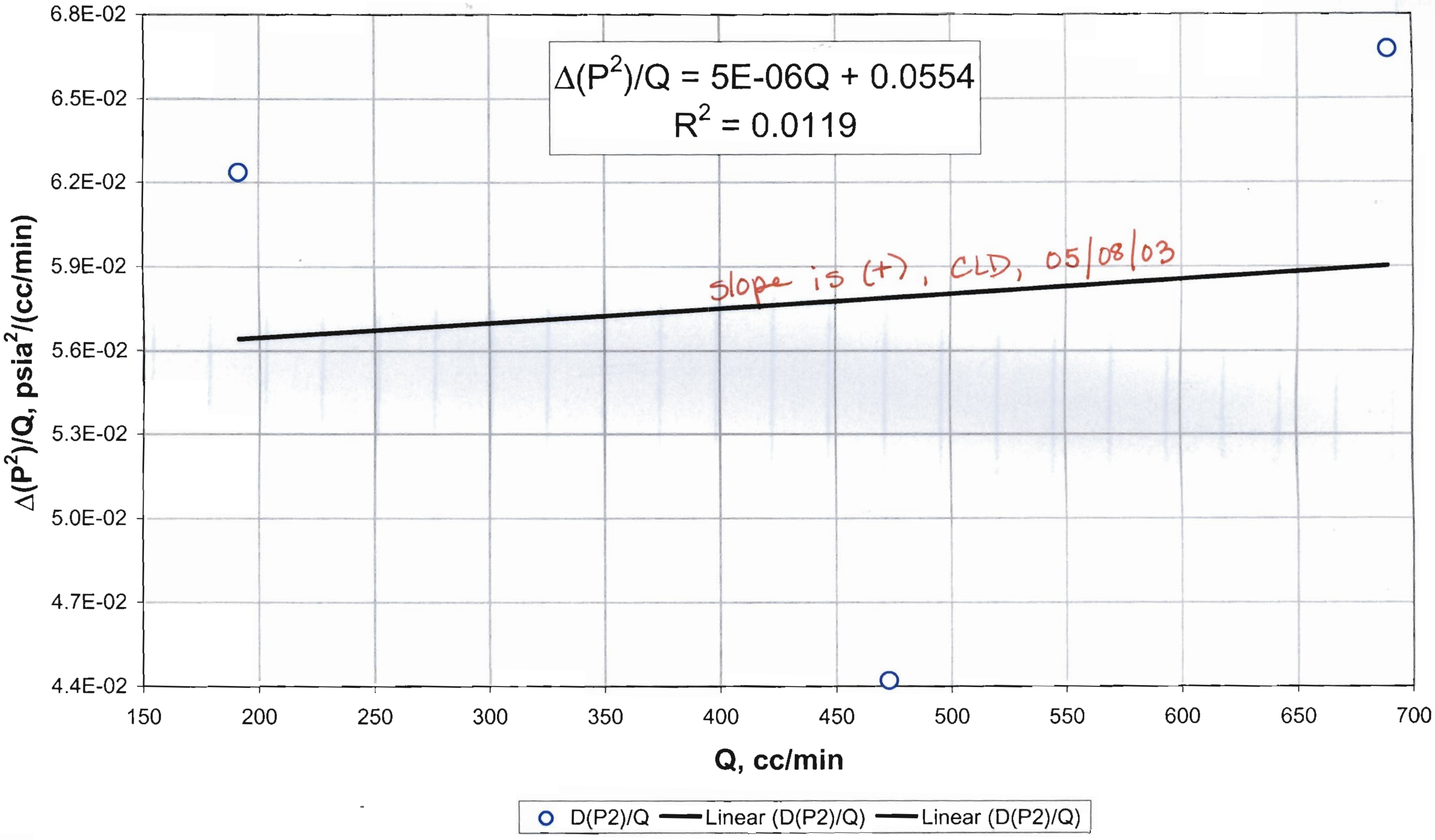
RWM, 12/20/06

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 30



RWM, 12/20/06

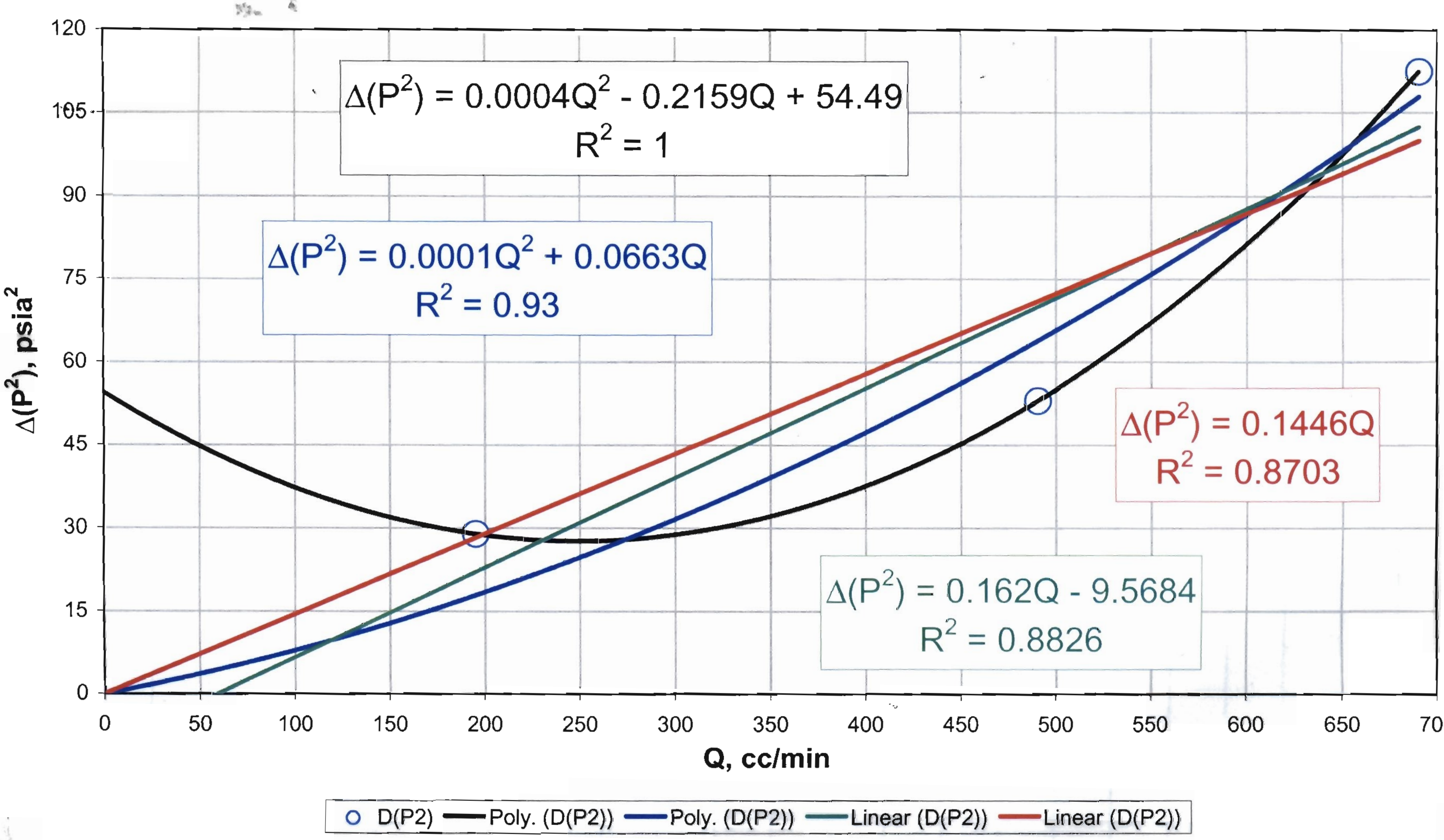
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 30



slope is (+), CLD, 05/08/03

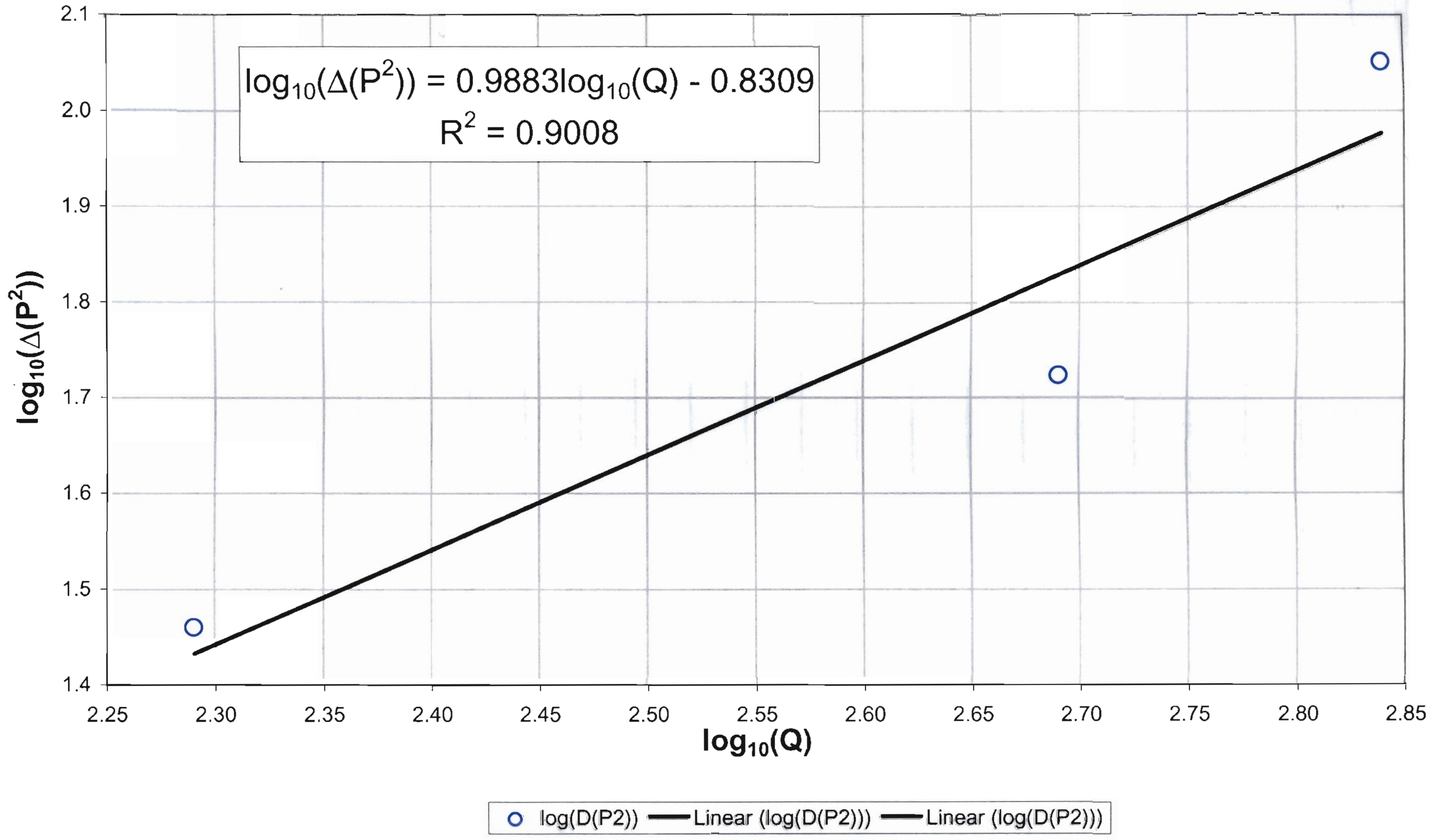
RMM 11/20/03

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 31



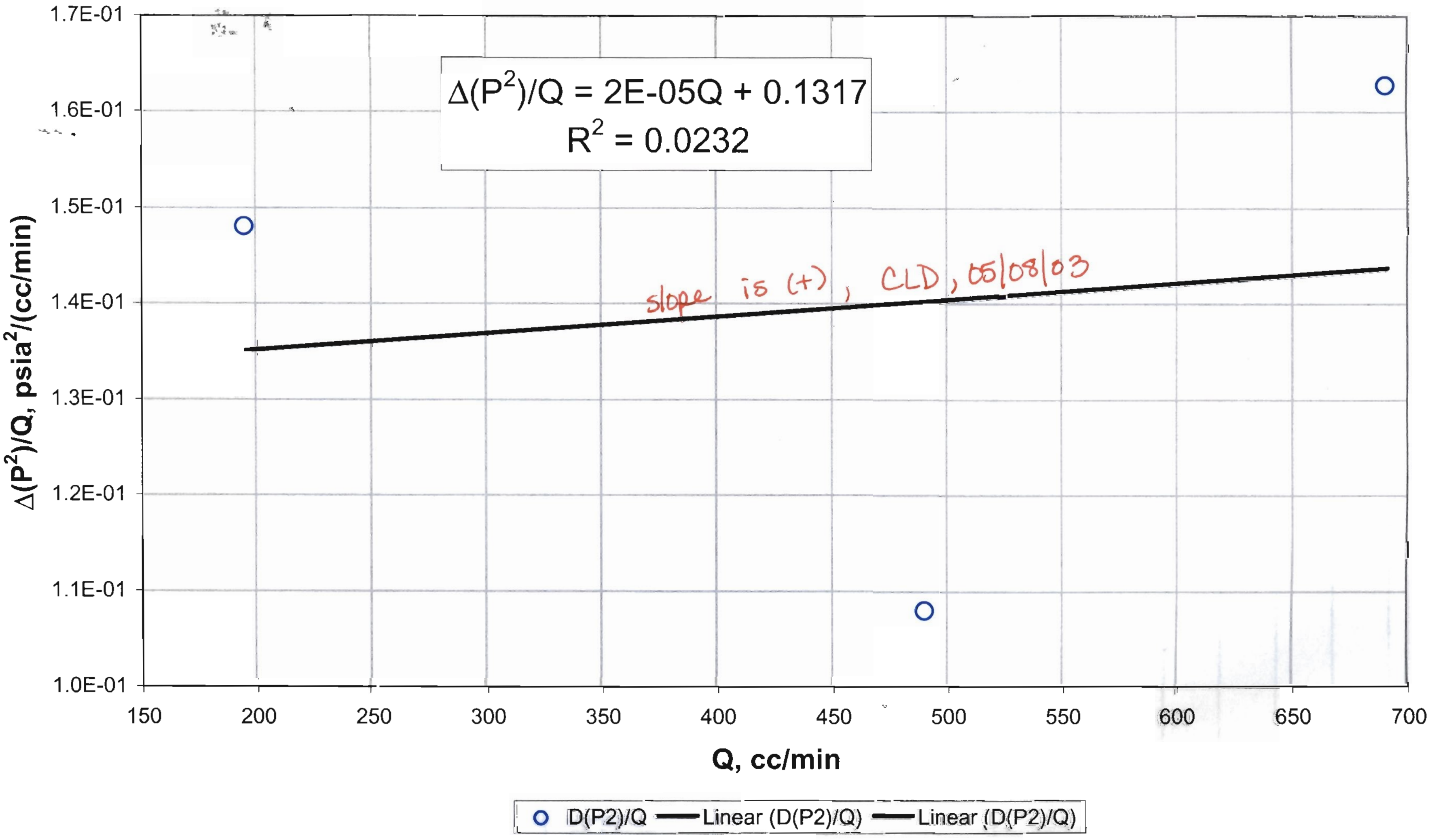
RMM, 11/10/03

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 31



Rwm, 12/18/06

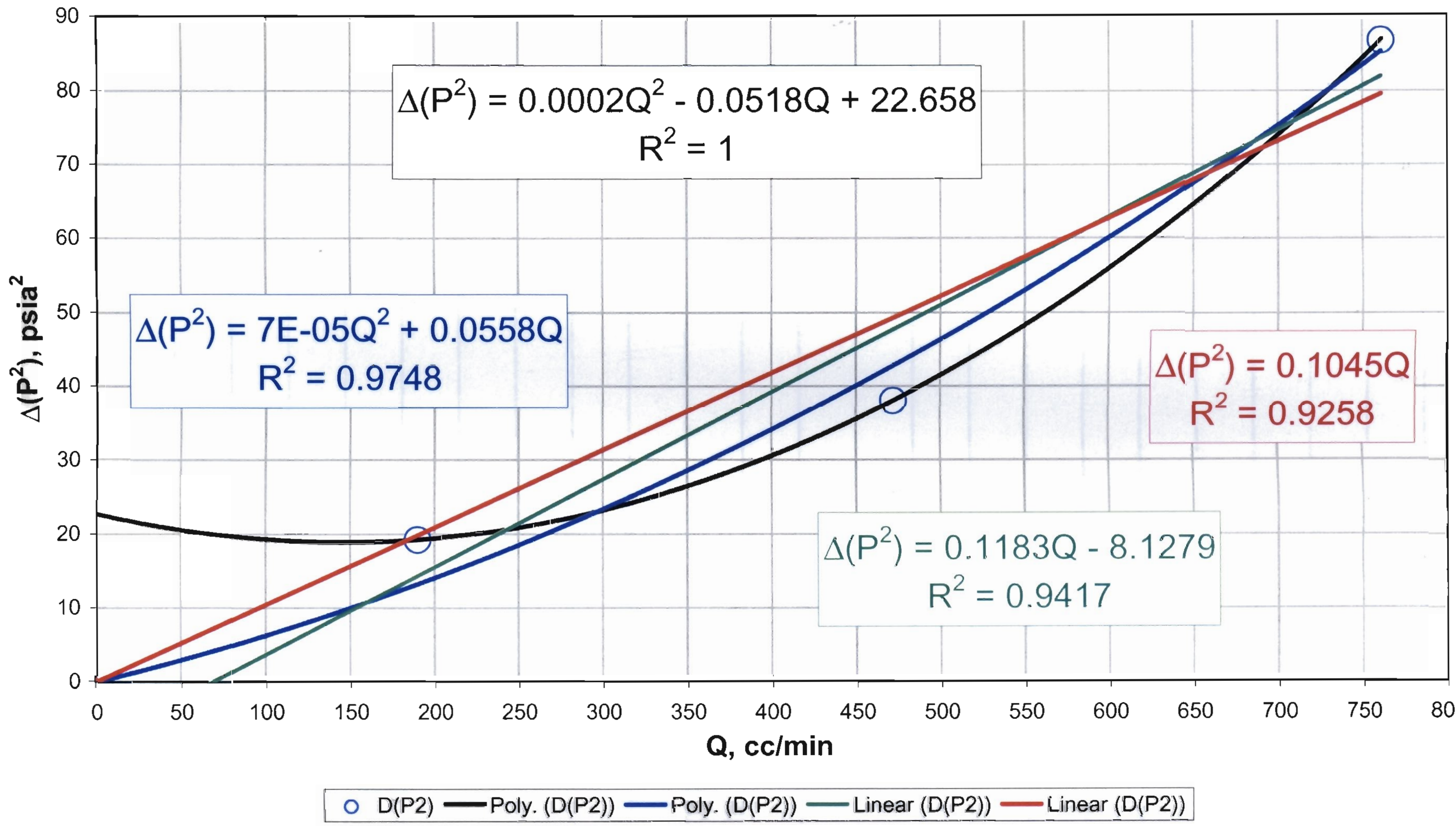
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 31



slope is (+), CLD, 05/08/03

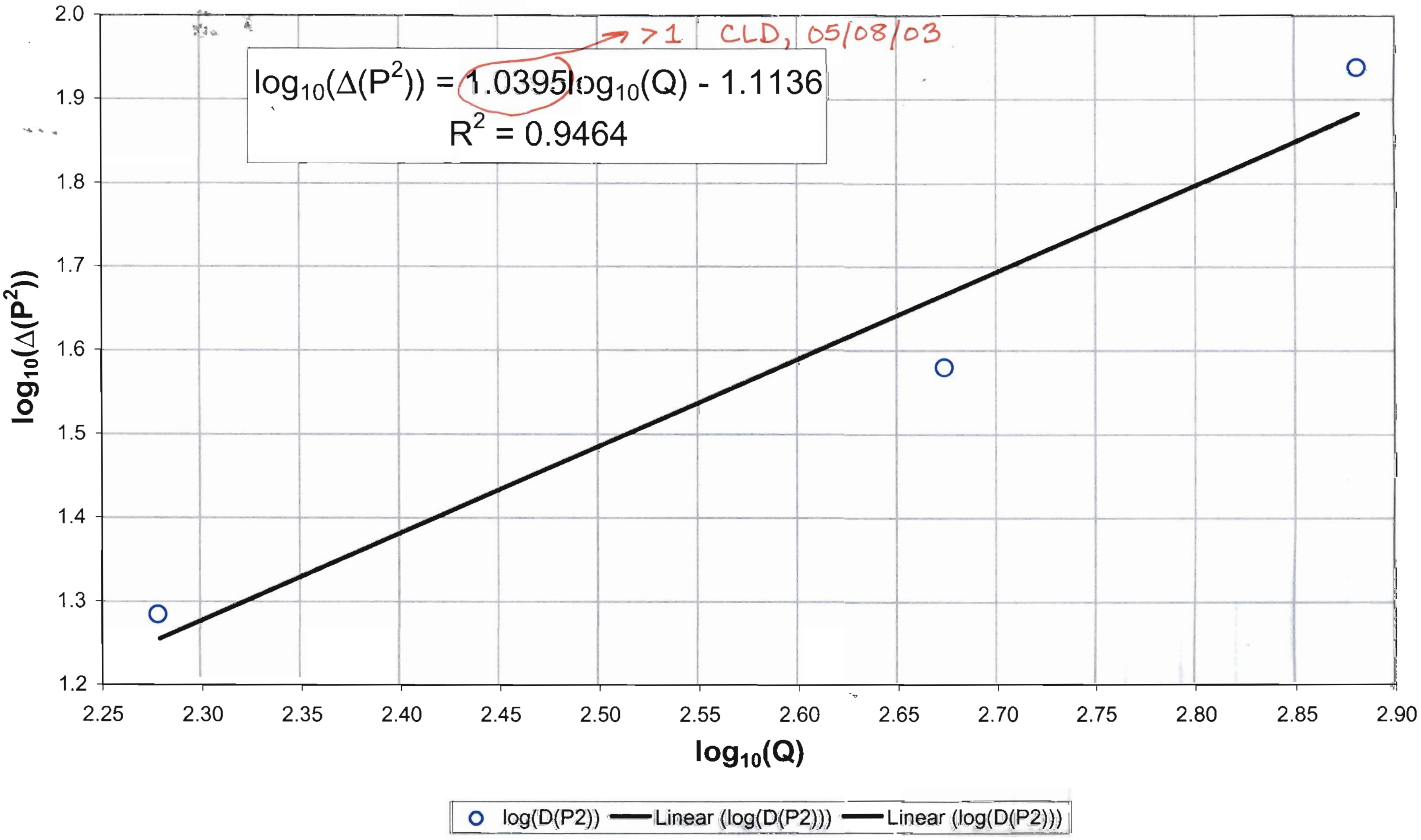
Rwm, 12/6/07

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 32



RMM 12/20/02

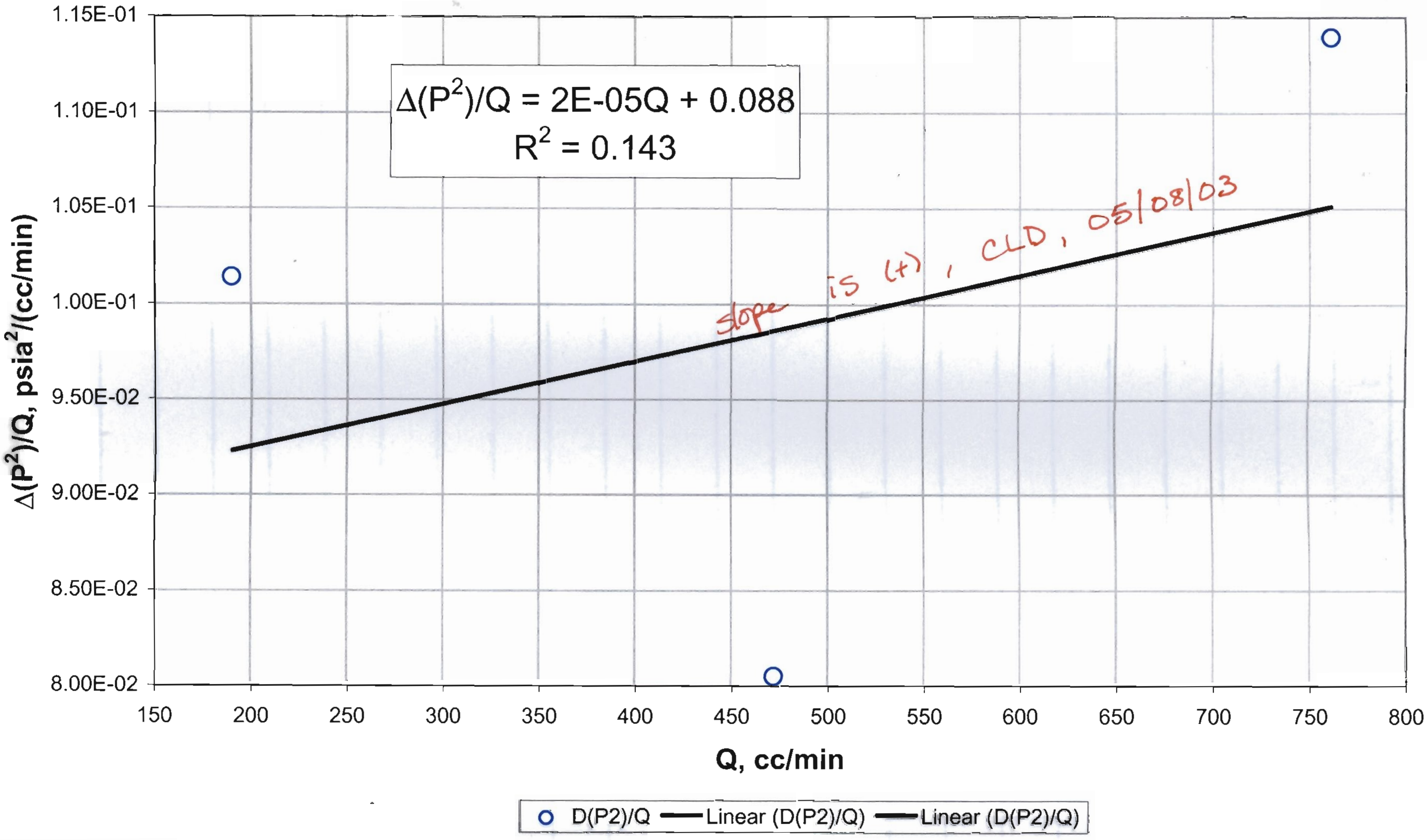
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 32



> 1 CLD, 05/08/03

RMM, 12/20/02

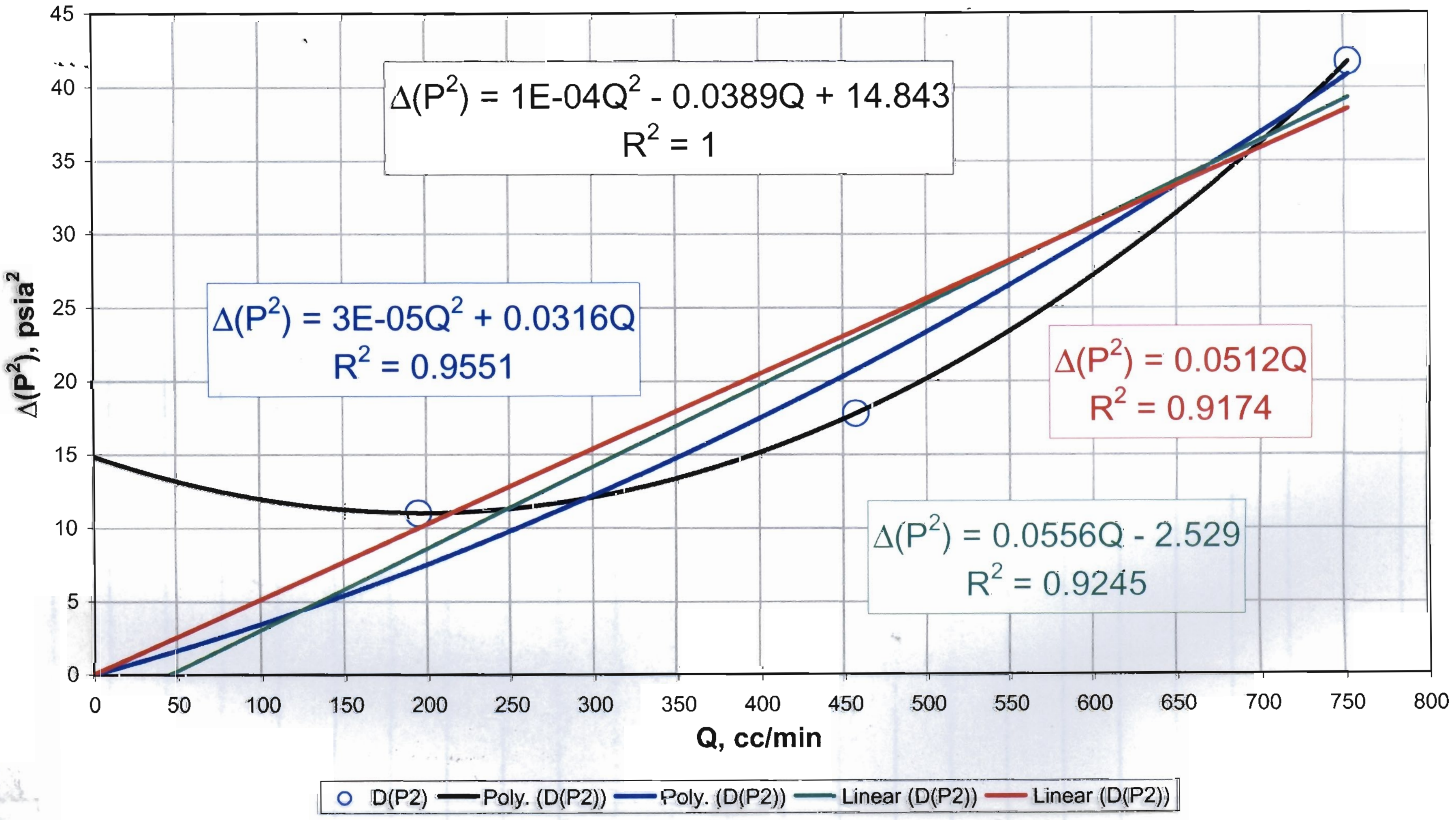
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 32



slope is (+), CLD, 05/08/03

RWM, 12/18/08

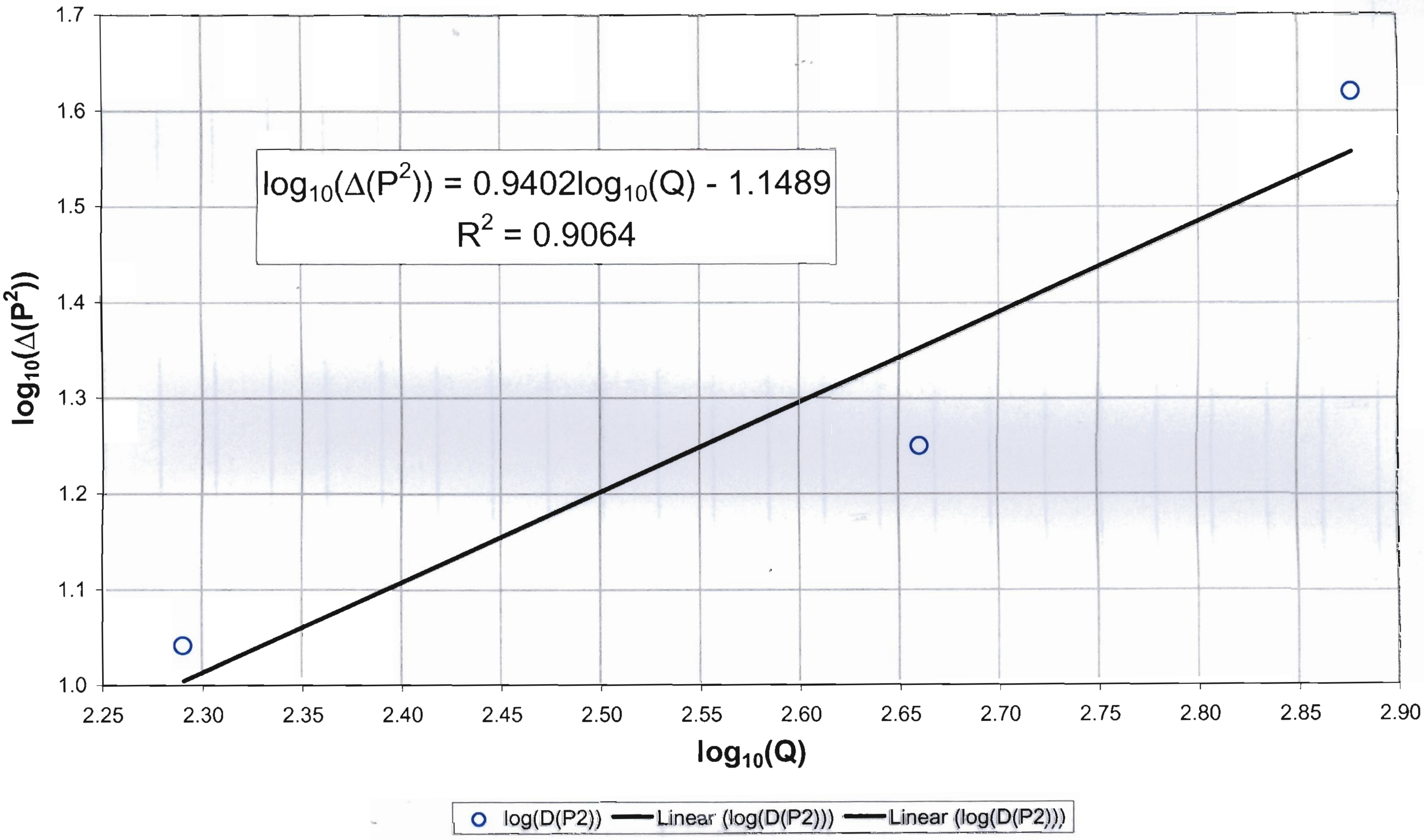
Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 33



RWM, 12/18/08

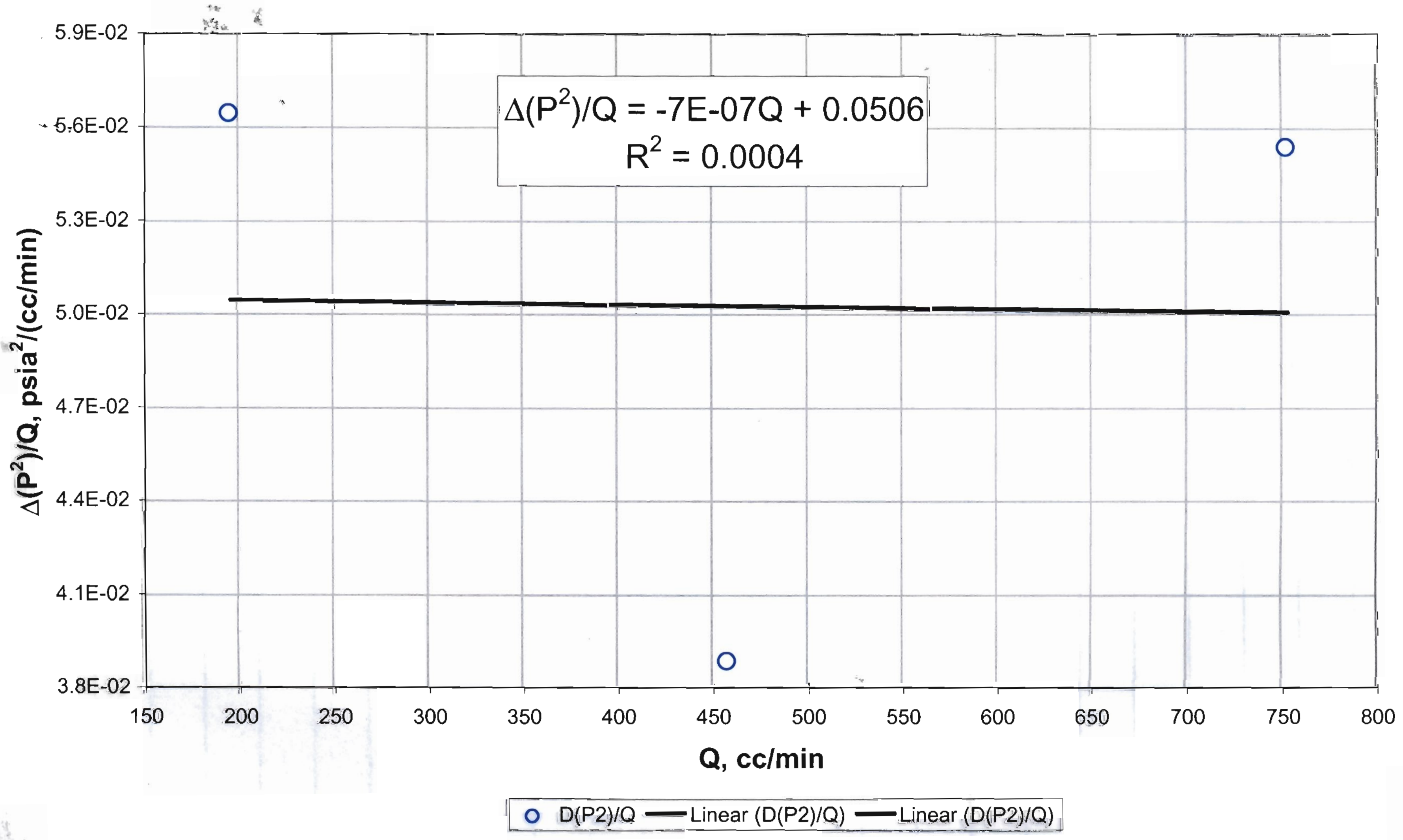
RWM, 12/30/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 33



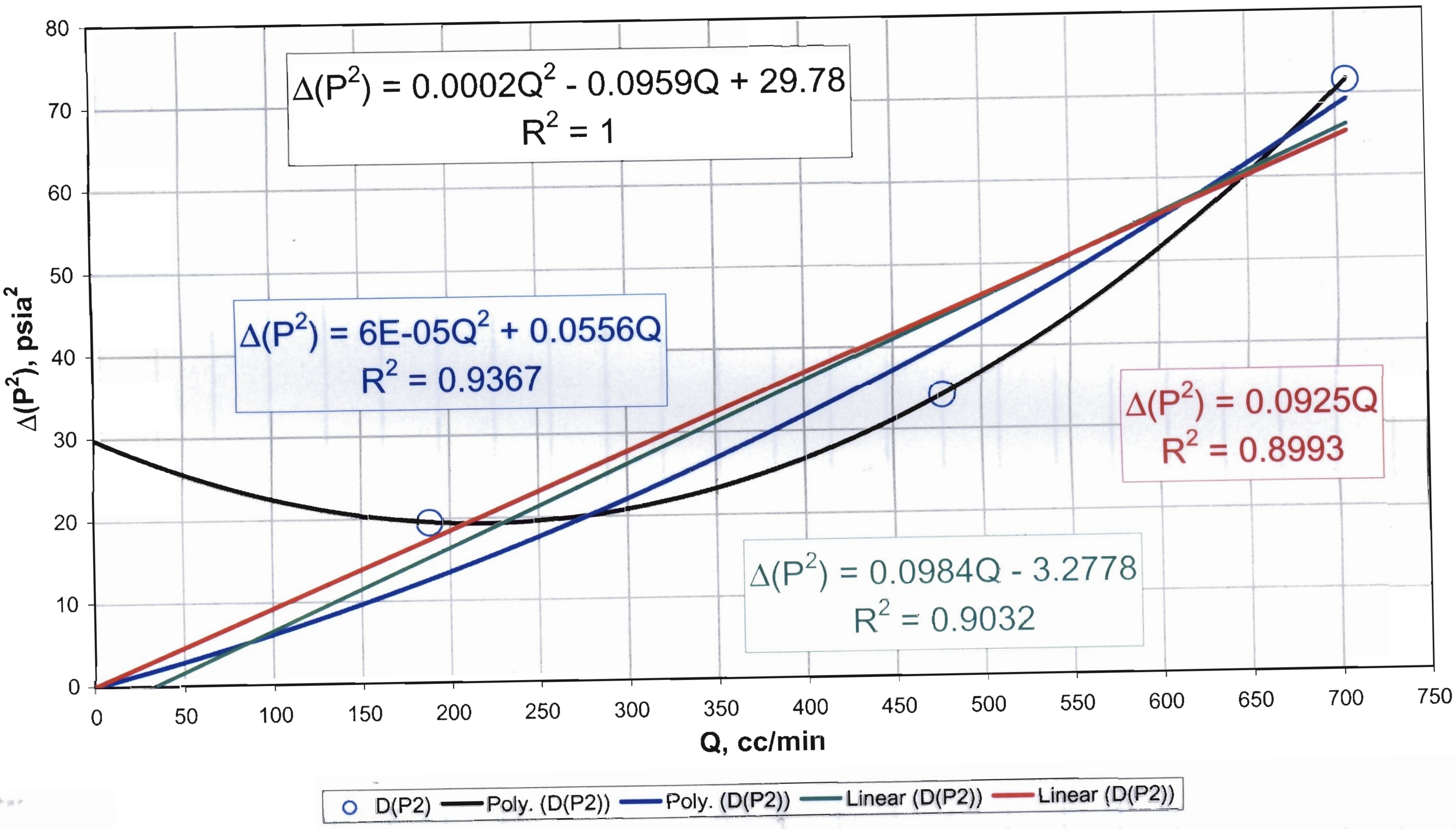
RWM, 12/30/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 33



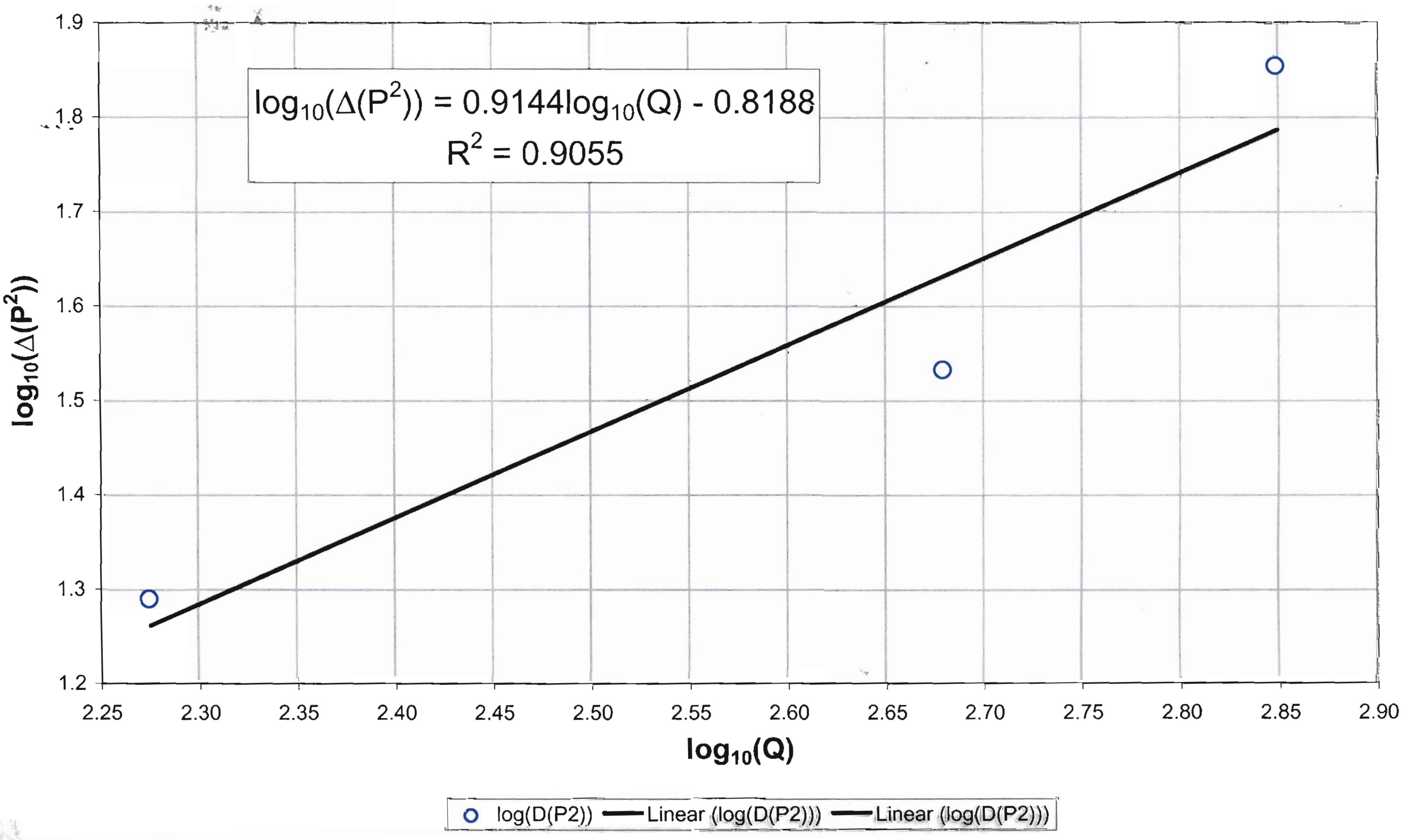
RWM, 12/20/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 34

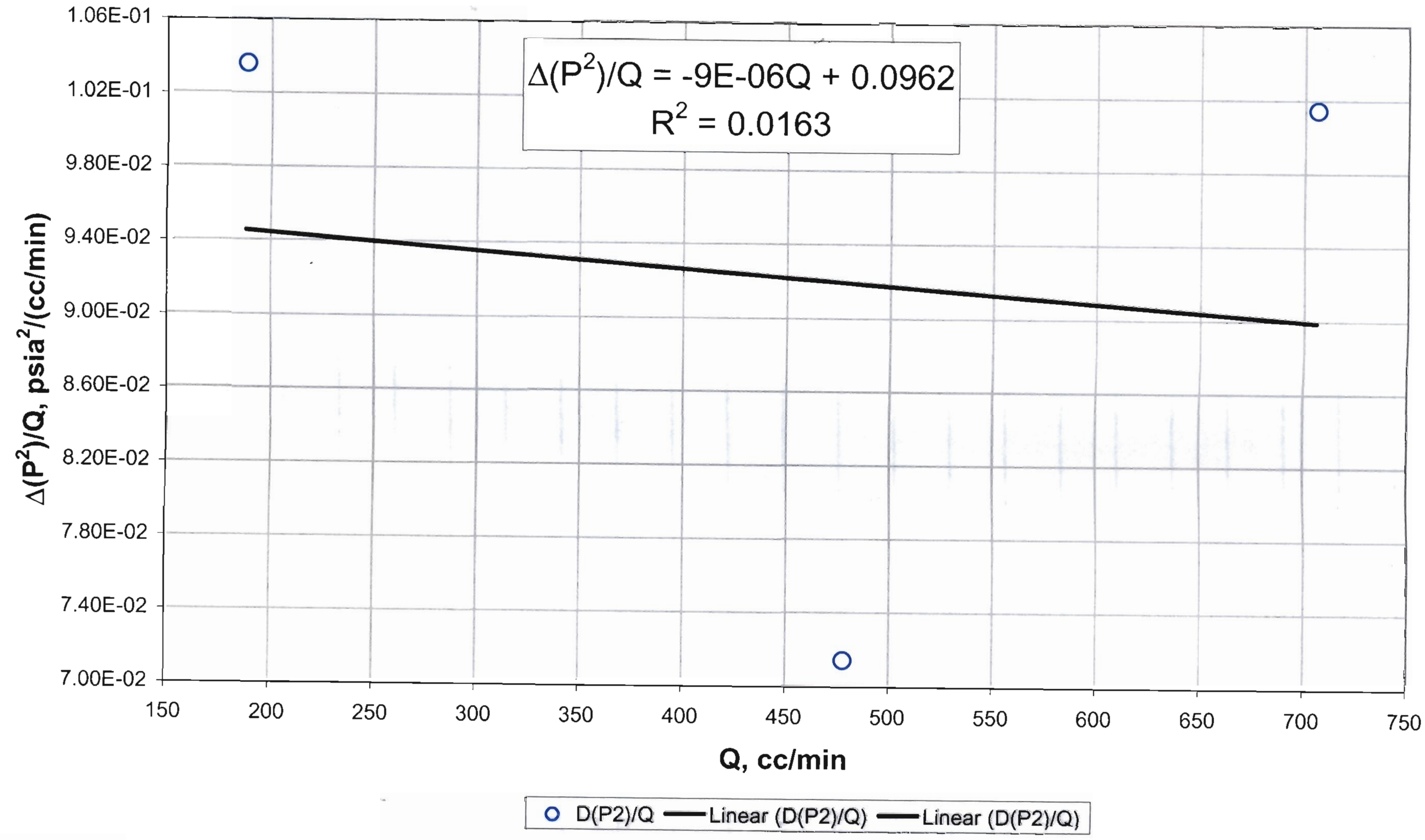


RWM, 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 34

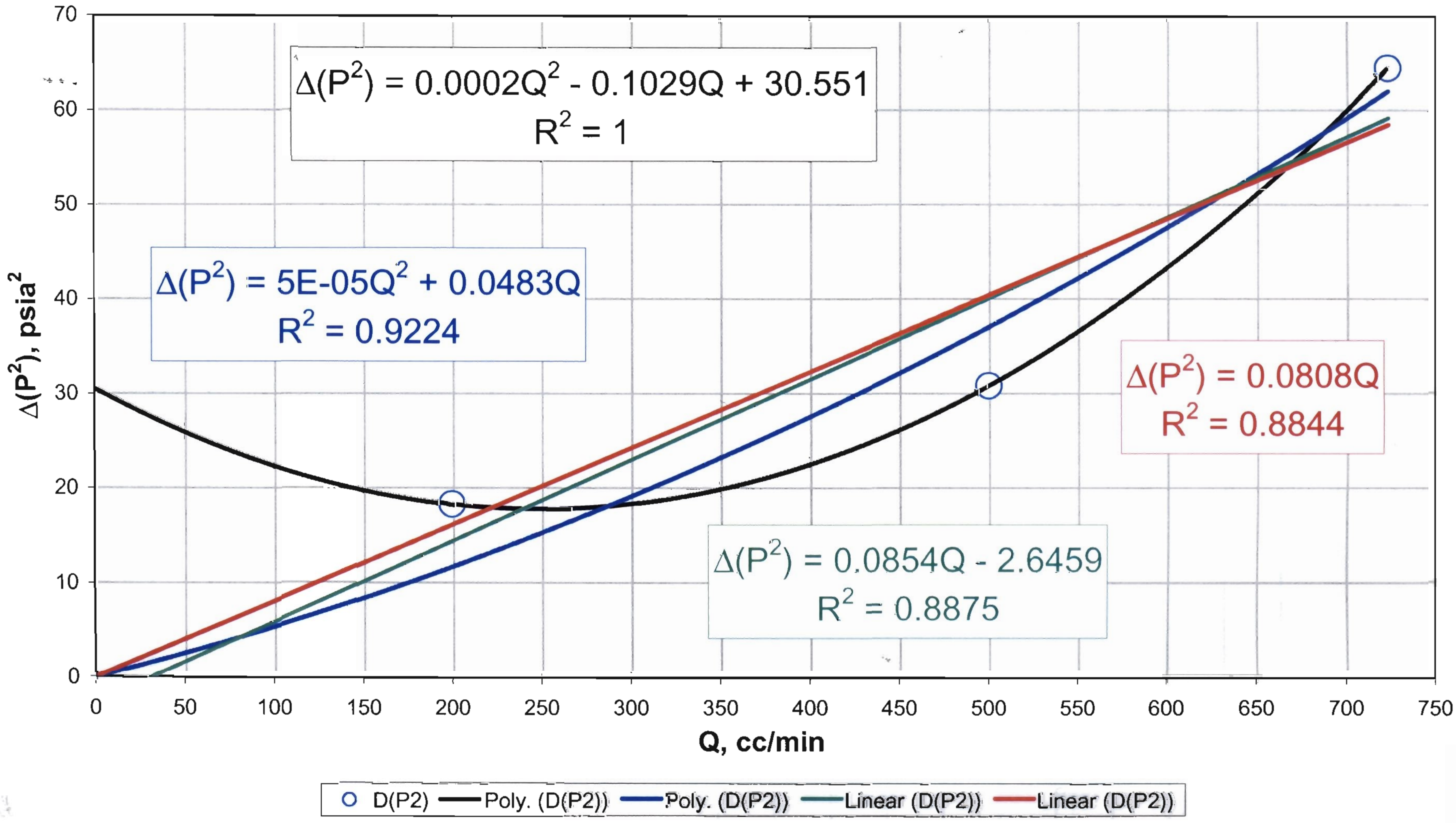


Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 34



RVM, 12/20/07

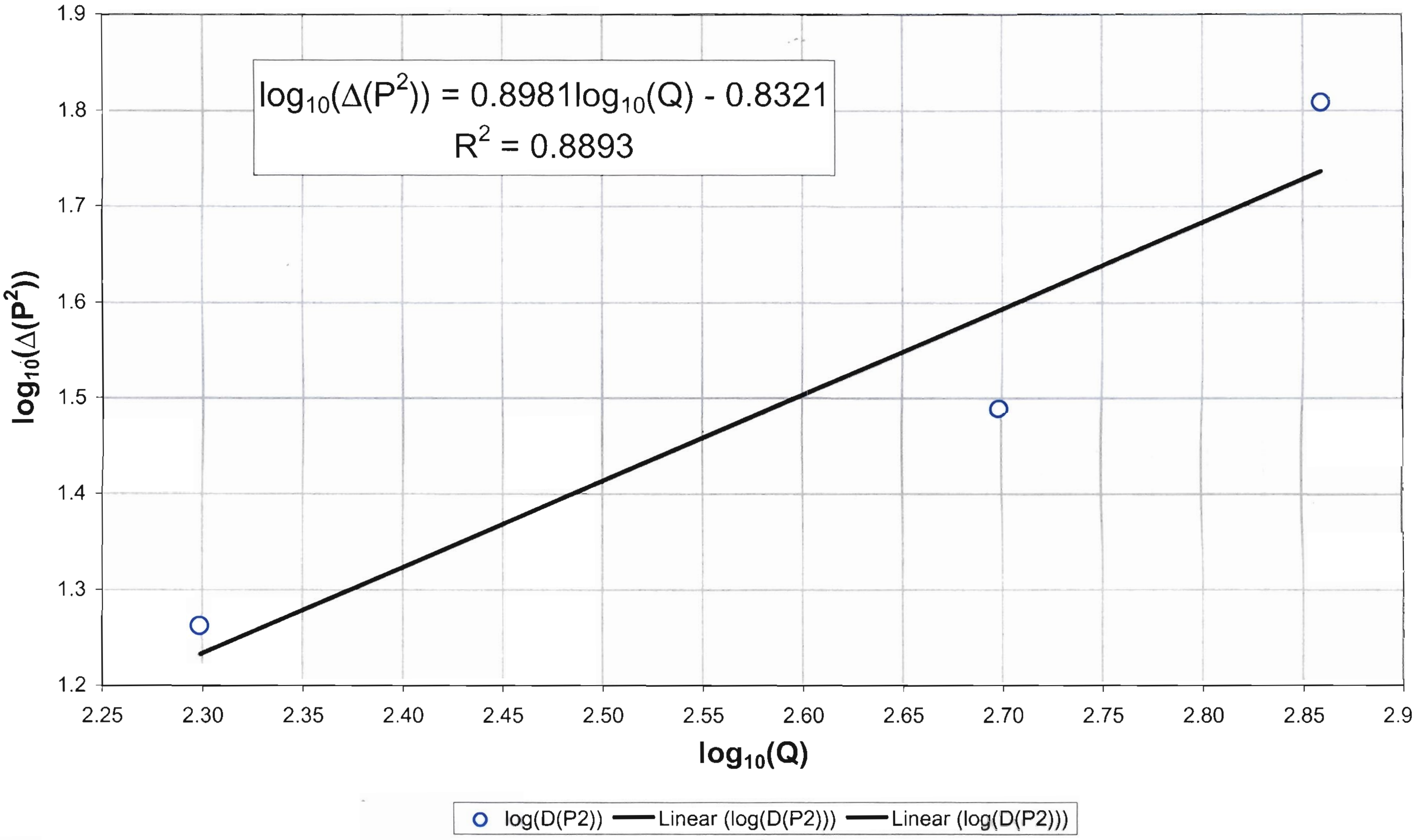
Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 35



RVM, 12/20/07

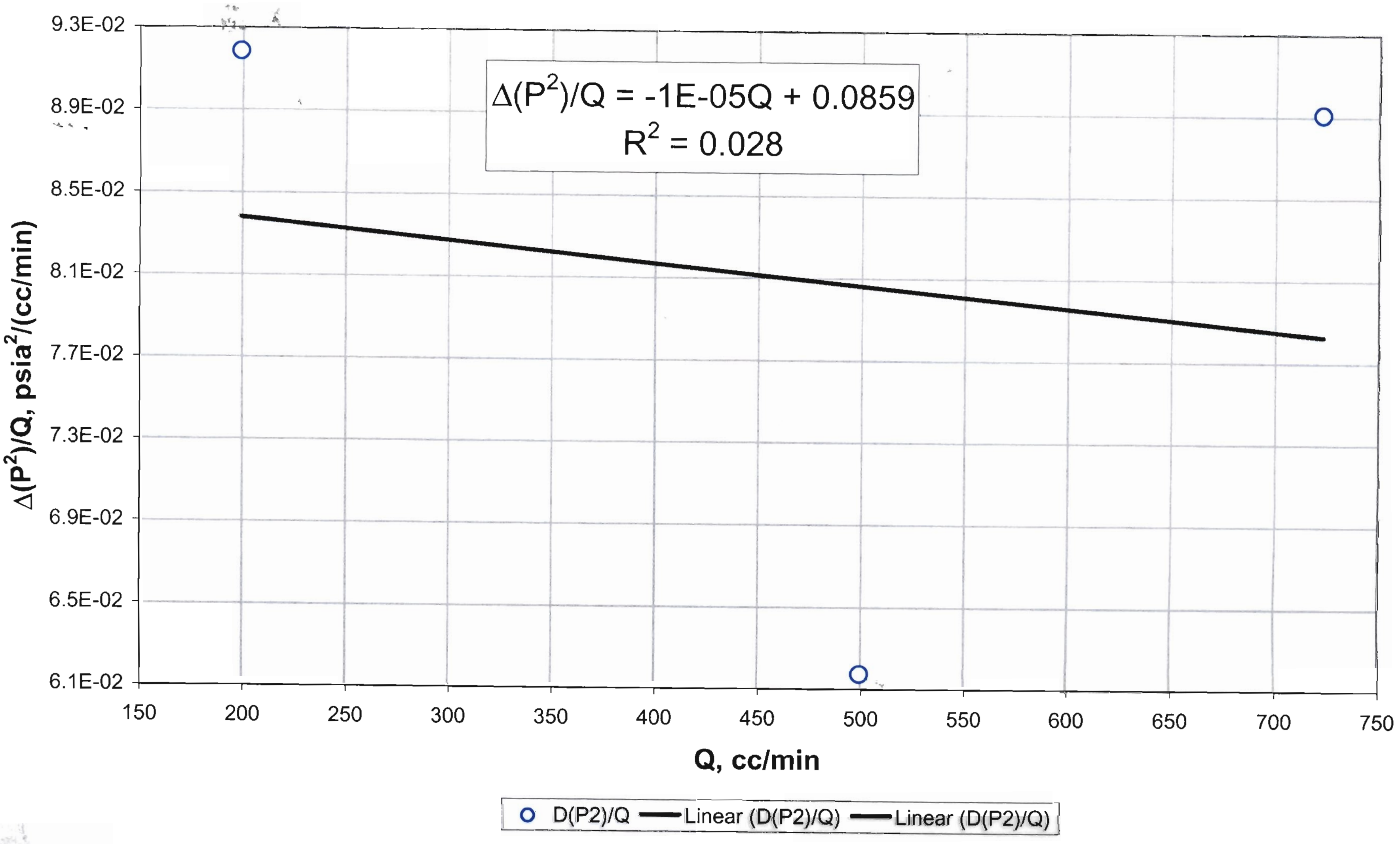
RMM, 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 35



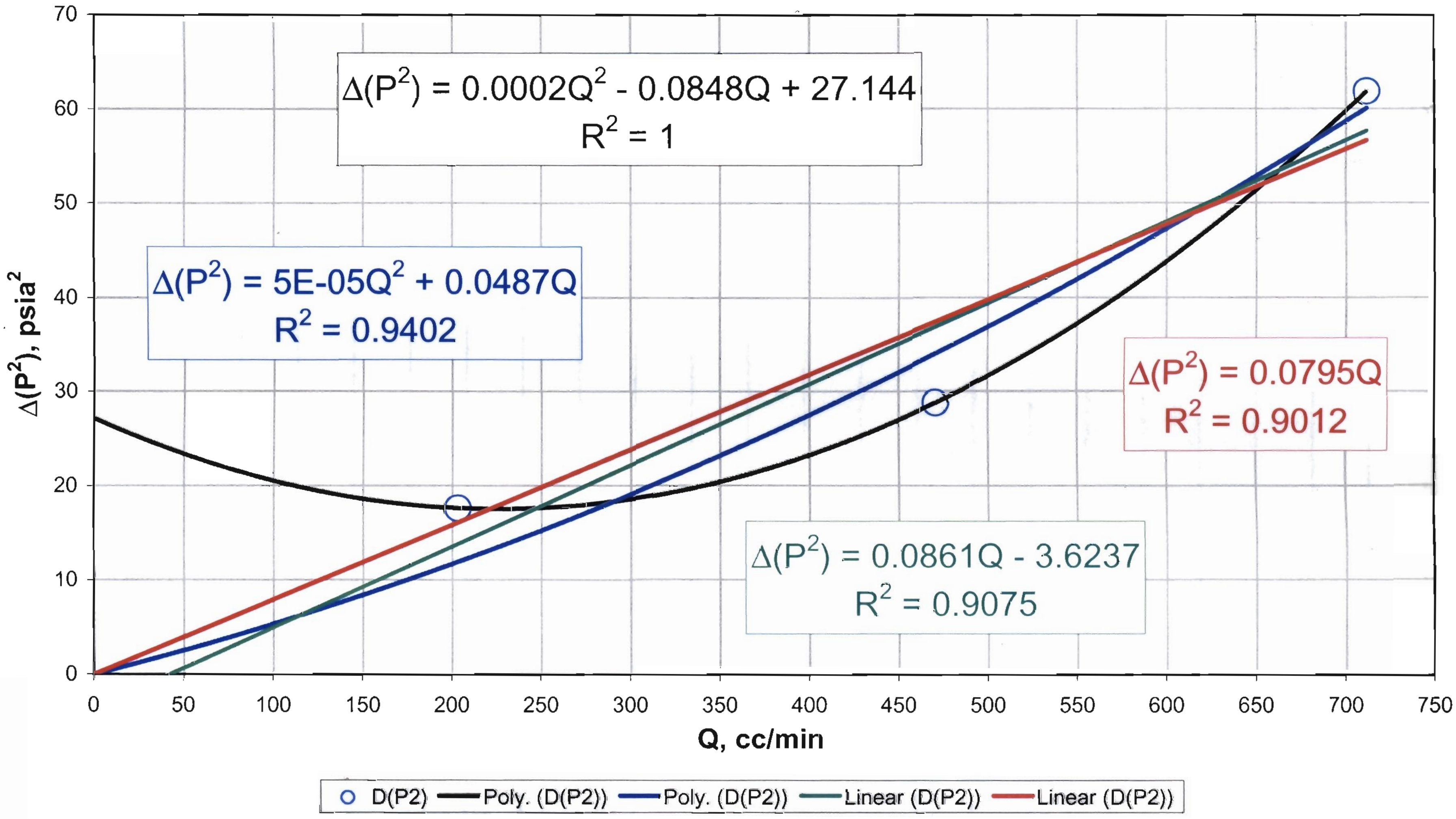
RMM, 12/20/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 35



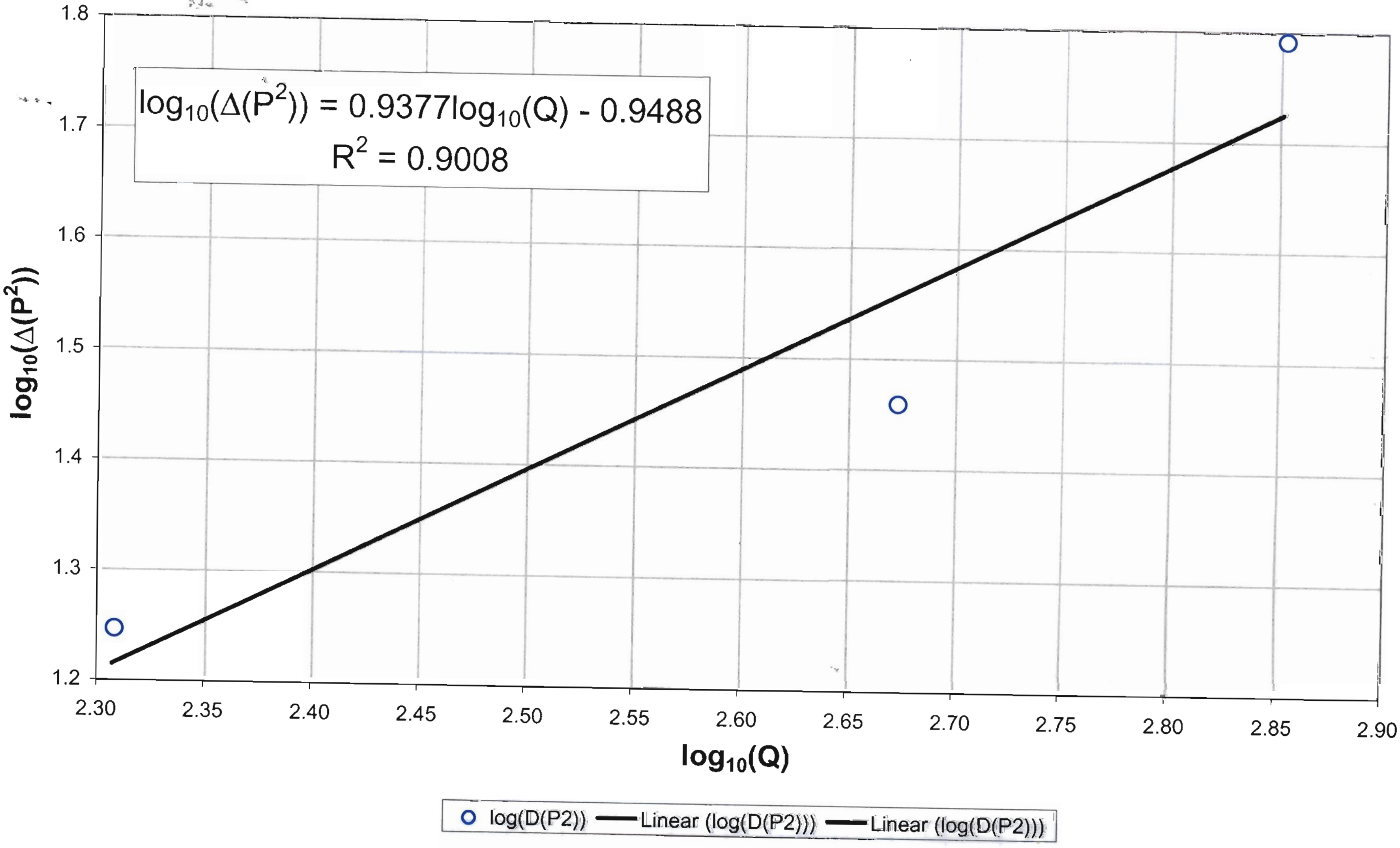
RMM 12/20/02

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 36



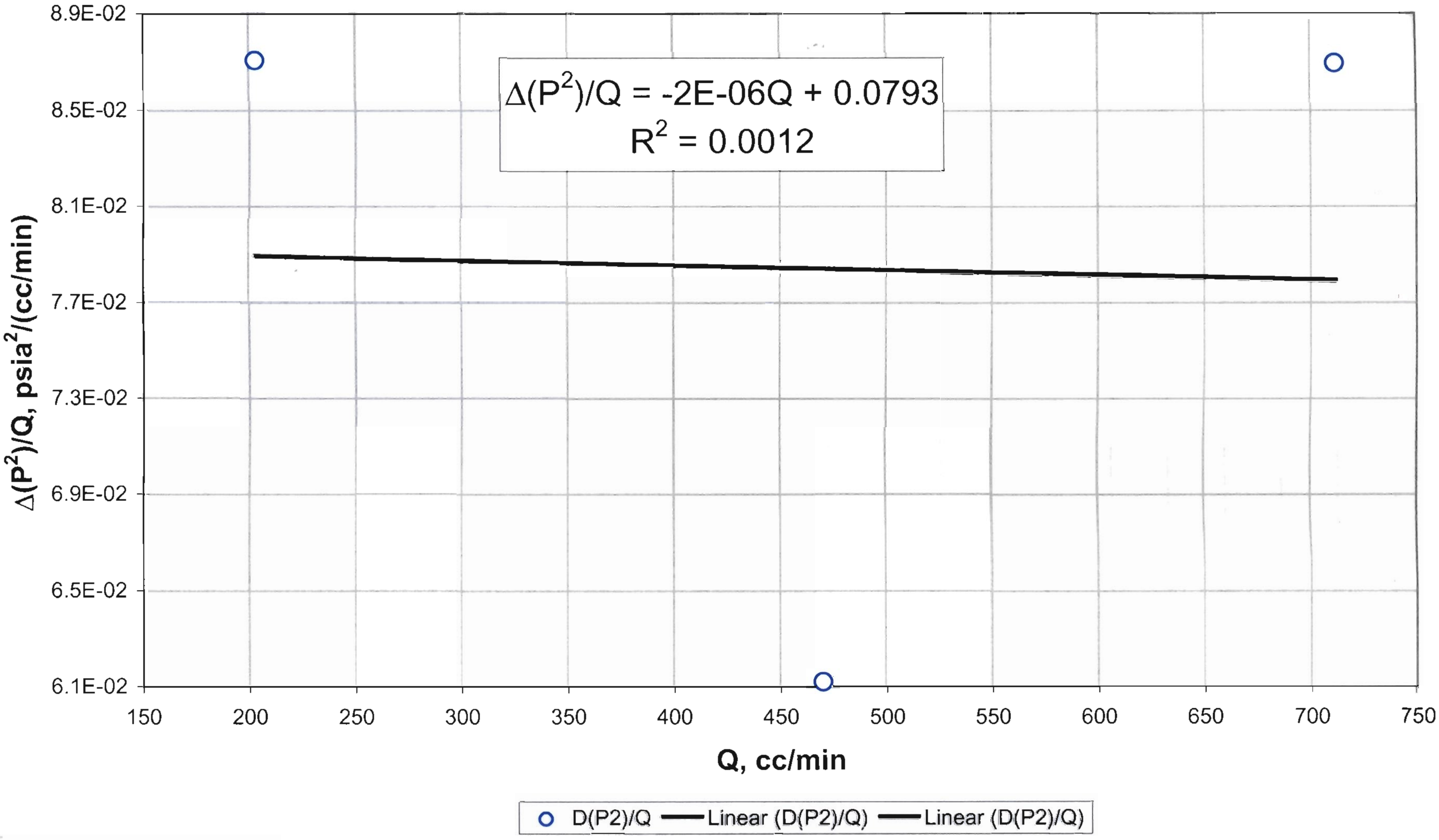
RMM, 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 36



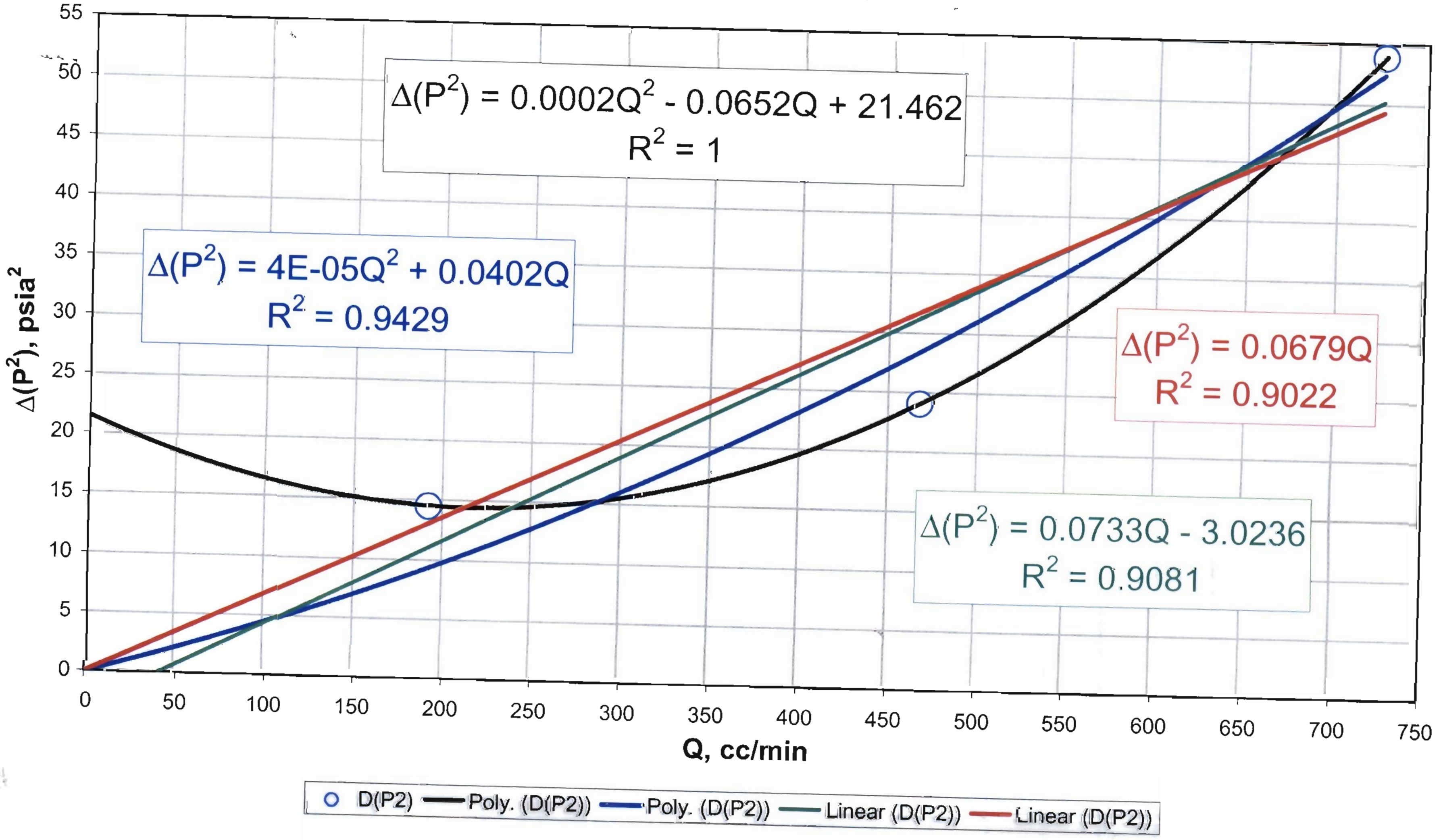
RMM 11/30/06

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 36



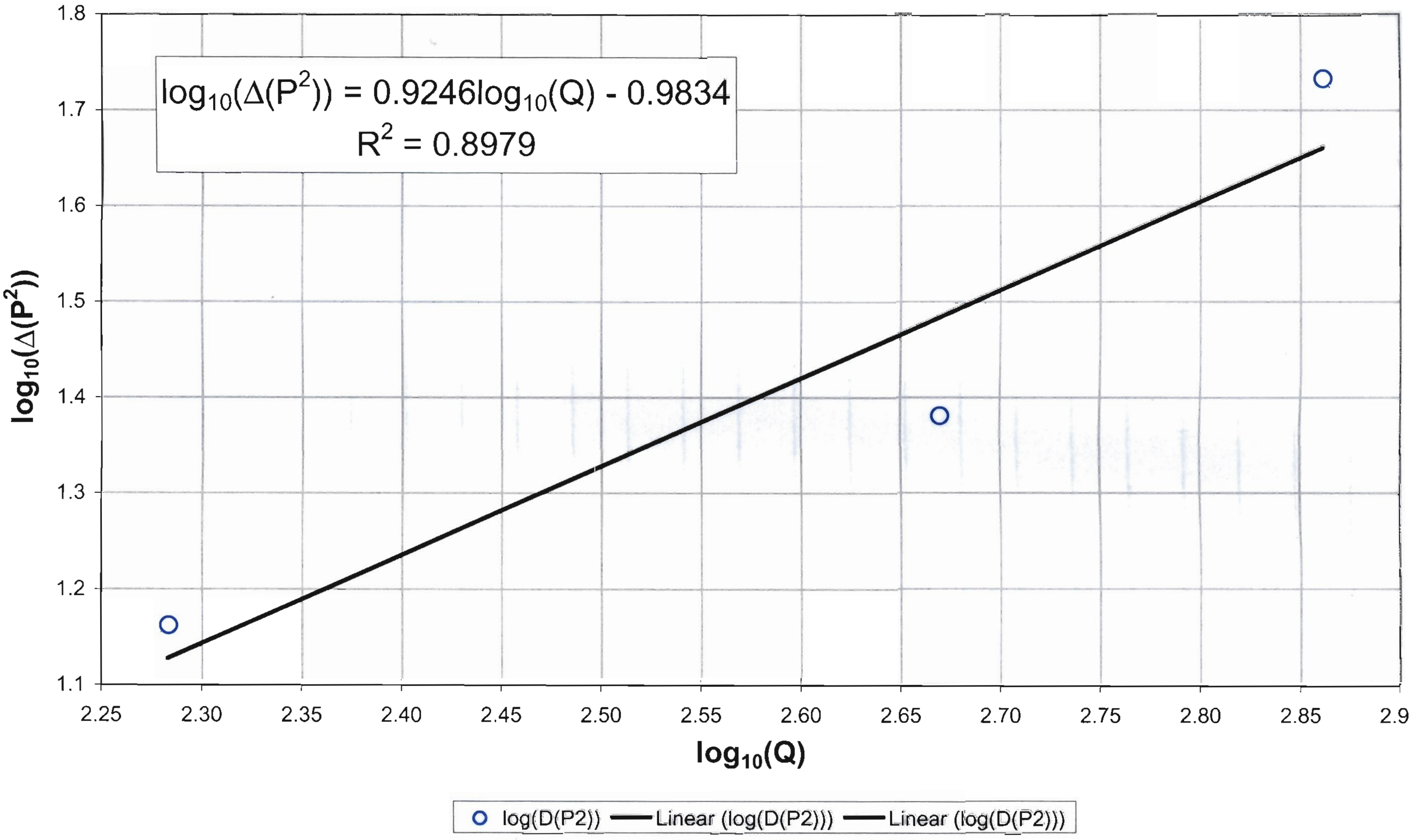
RMM 12/20/06

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 37



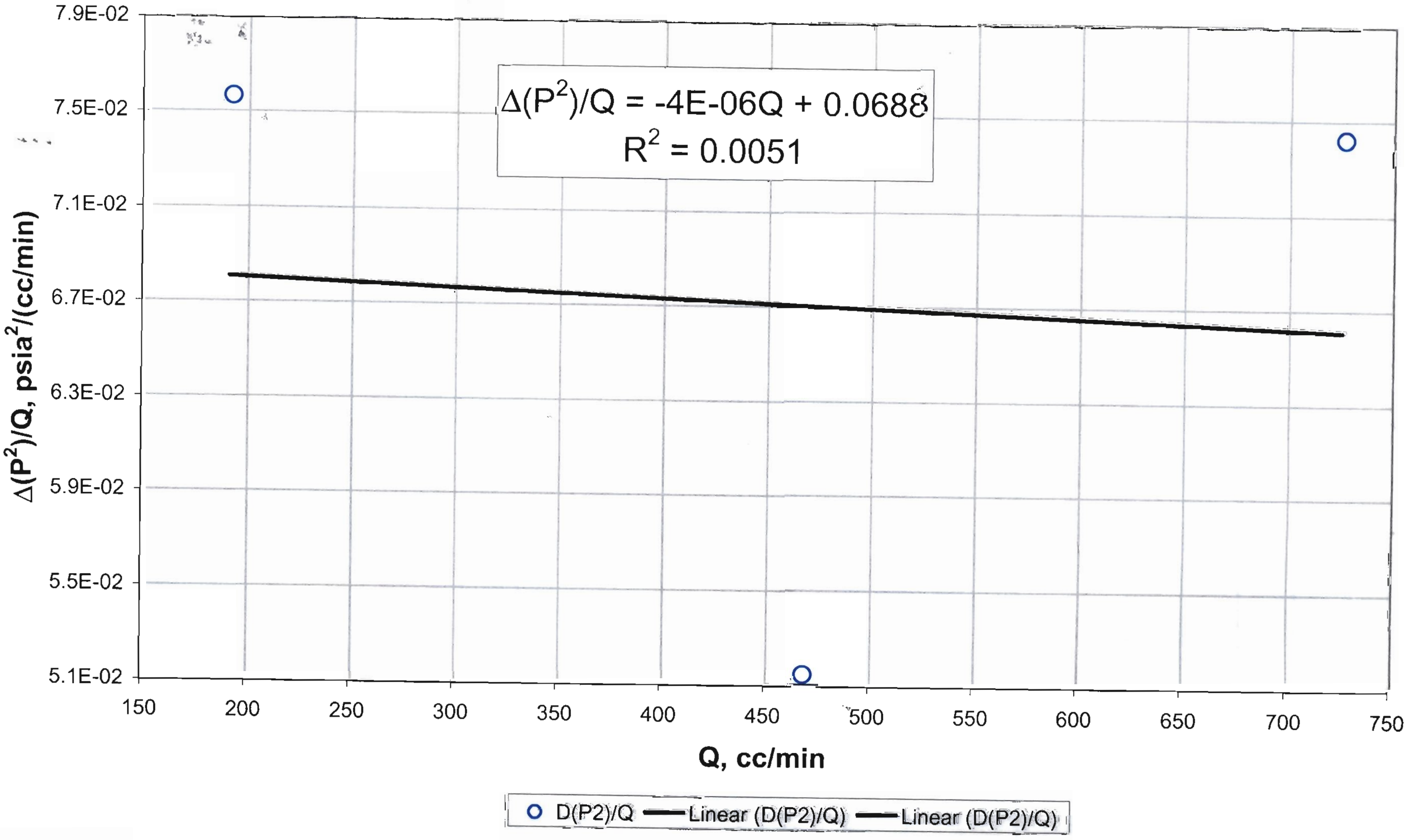
RMM, 8/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 37



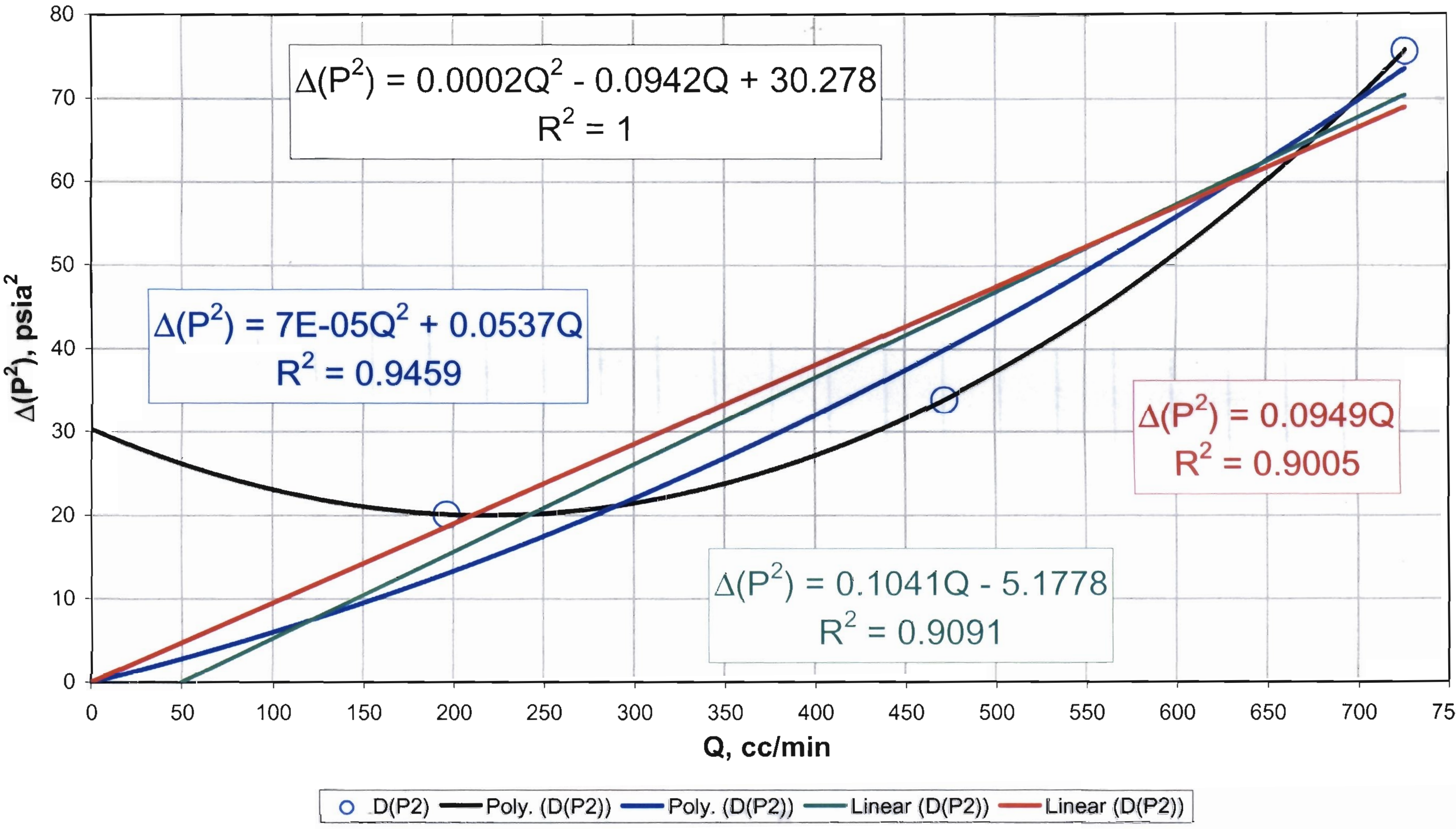
RMM, 12/20/02

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 37



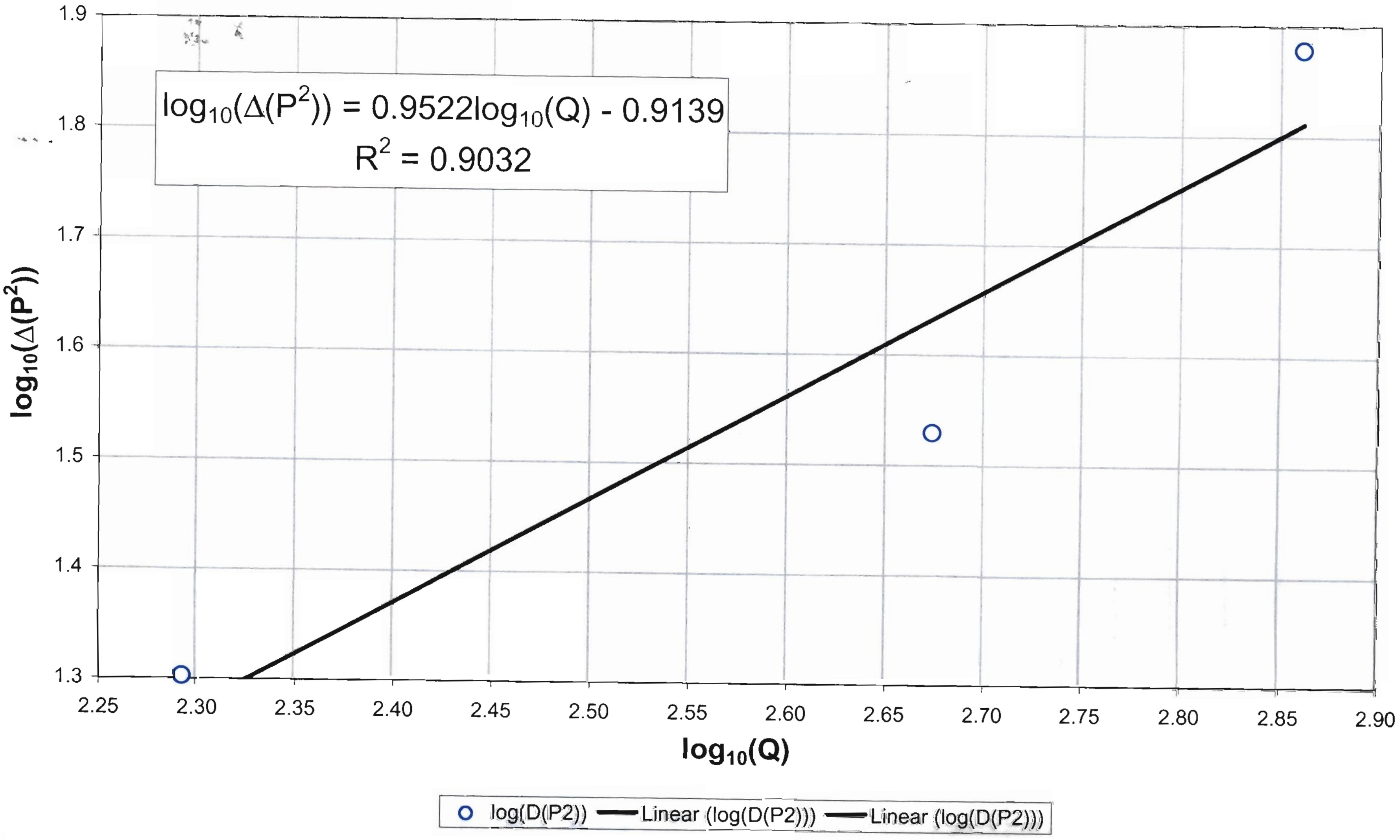
RMM, 12/20/01

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 38



RMM, 12/20/02

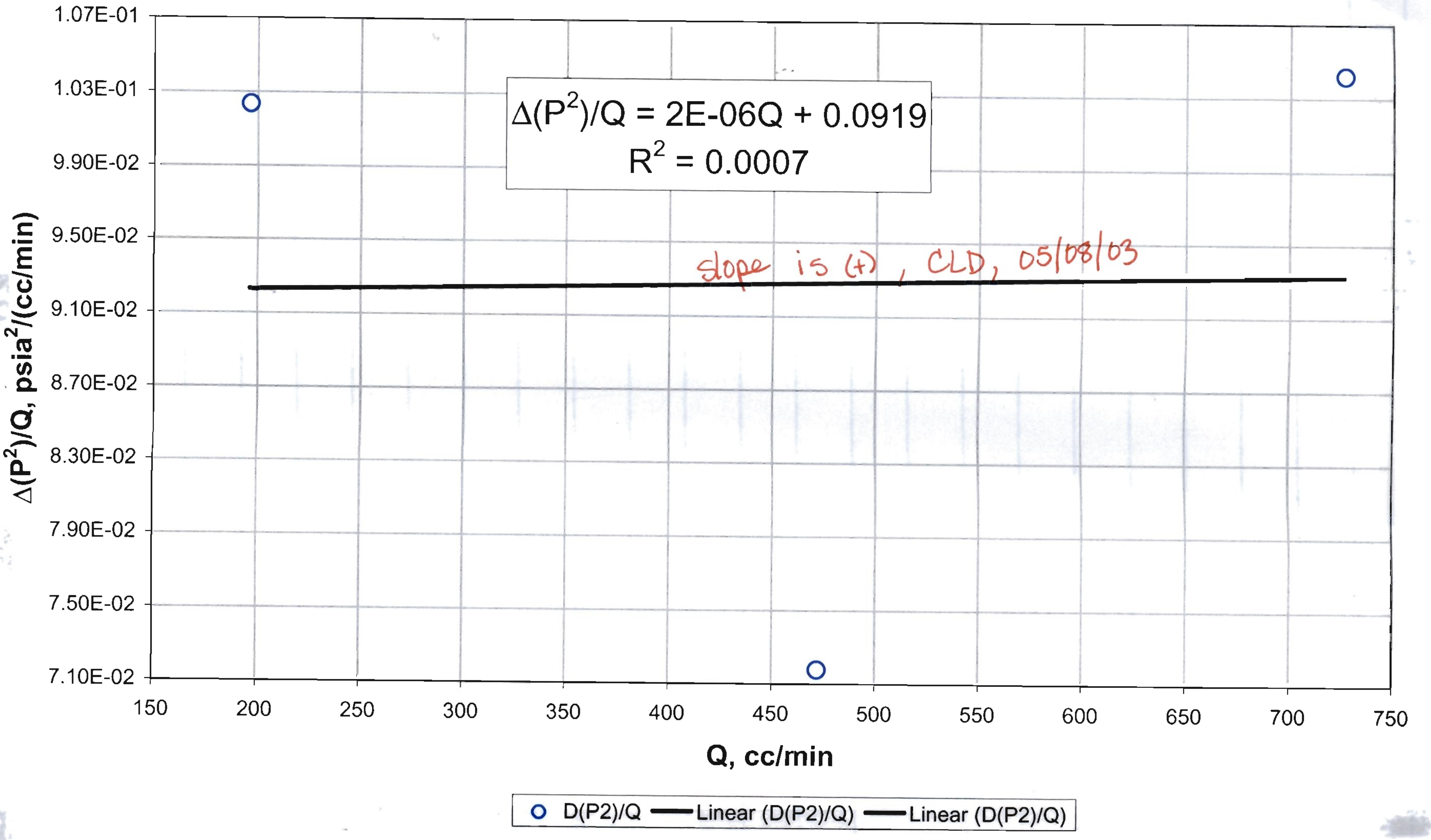
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 38



RWM, 12/8/03

Final check for high velocity flow effects: High velocity flow effects are present when the slope is non-zero and positive.

H Transect : Drillhole 38

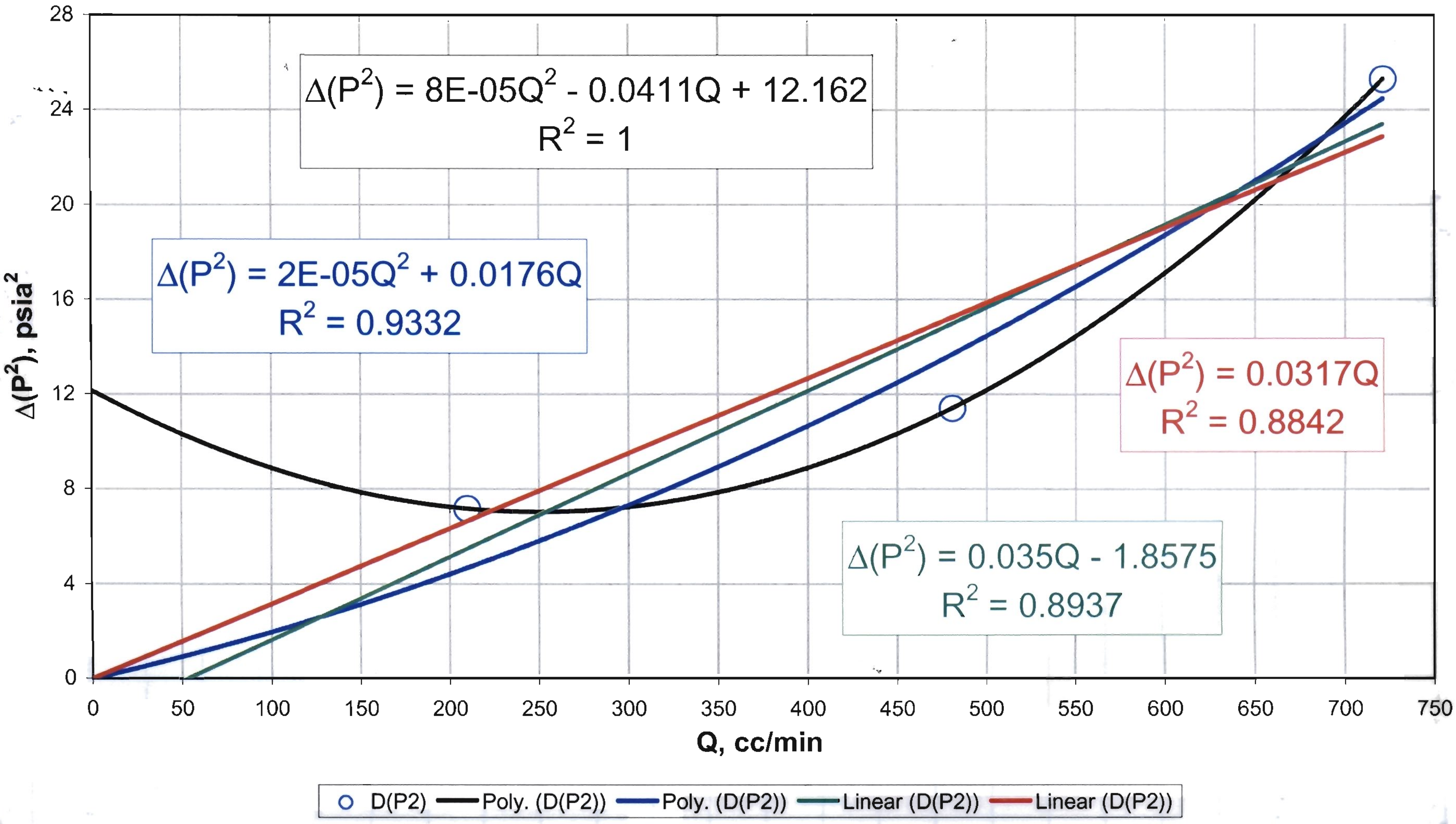


slope is (+), CLD, 05/08/03

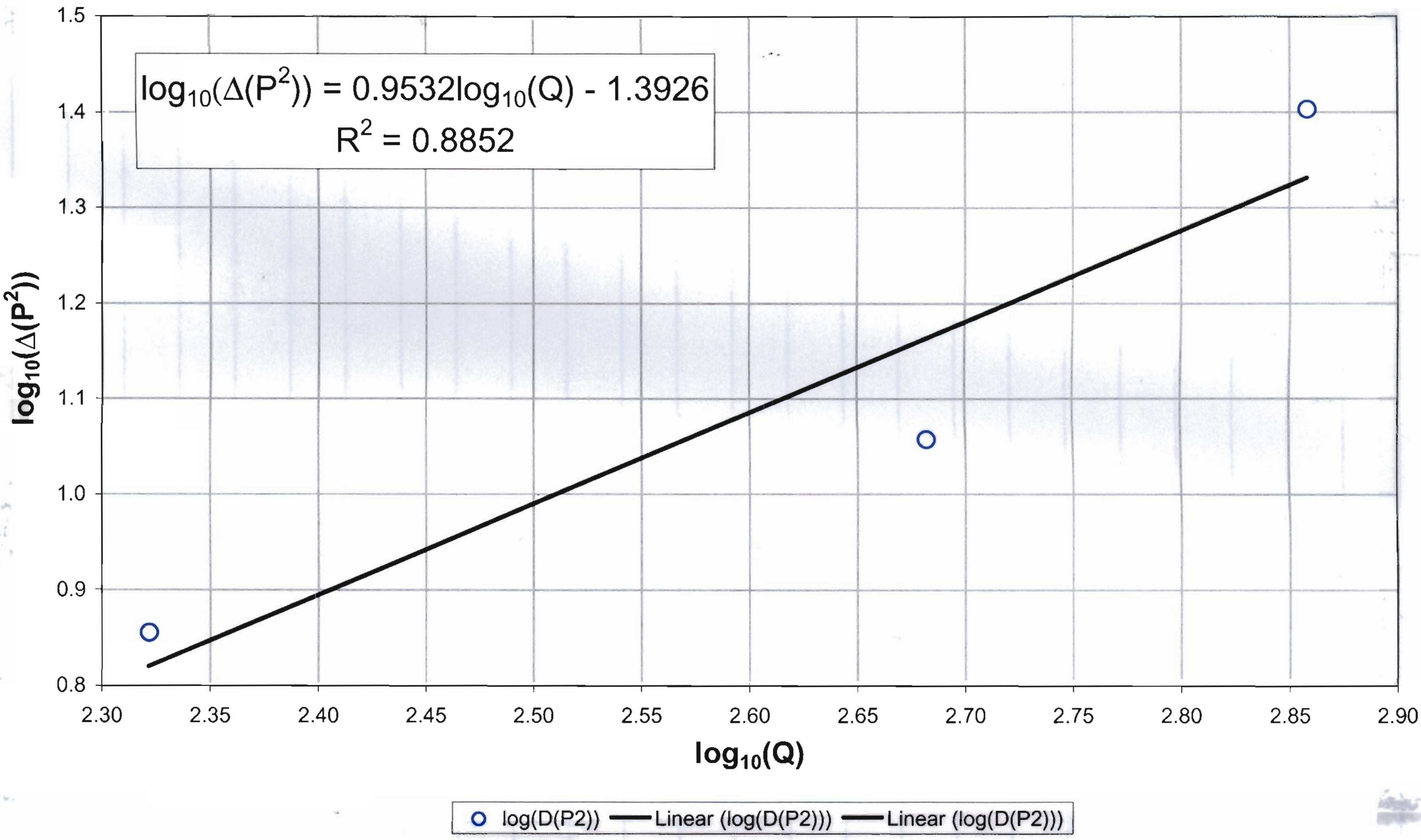
RWM, 12/8/03

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.

H Transect: Drillhole 39

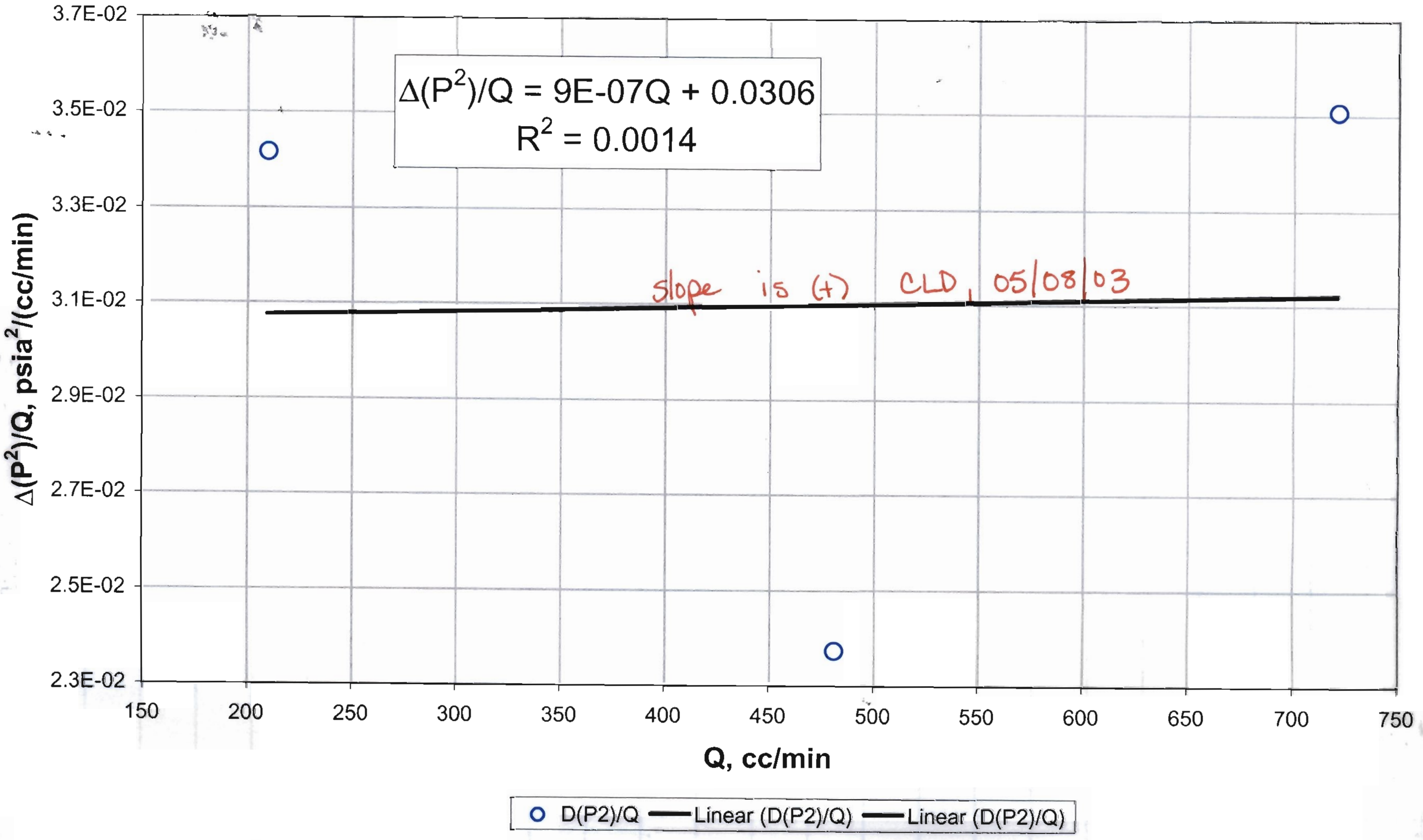


Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 39



RWM, 12/20/02

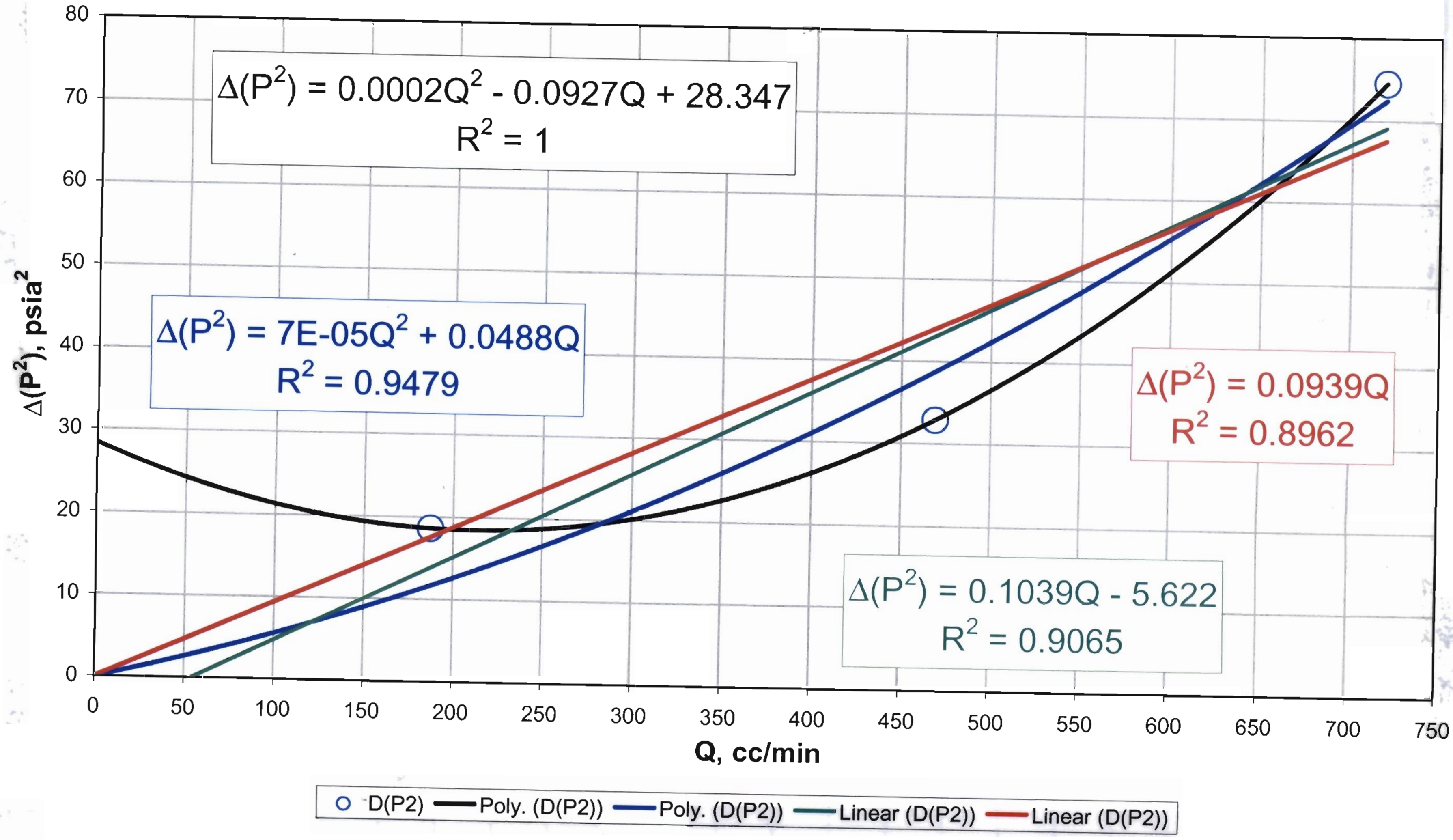
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 39



slope is (+) CLD, 05/08/03

RWM, 12/20/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 40



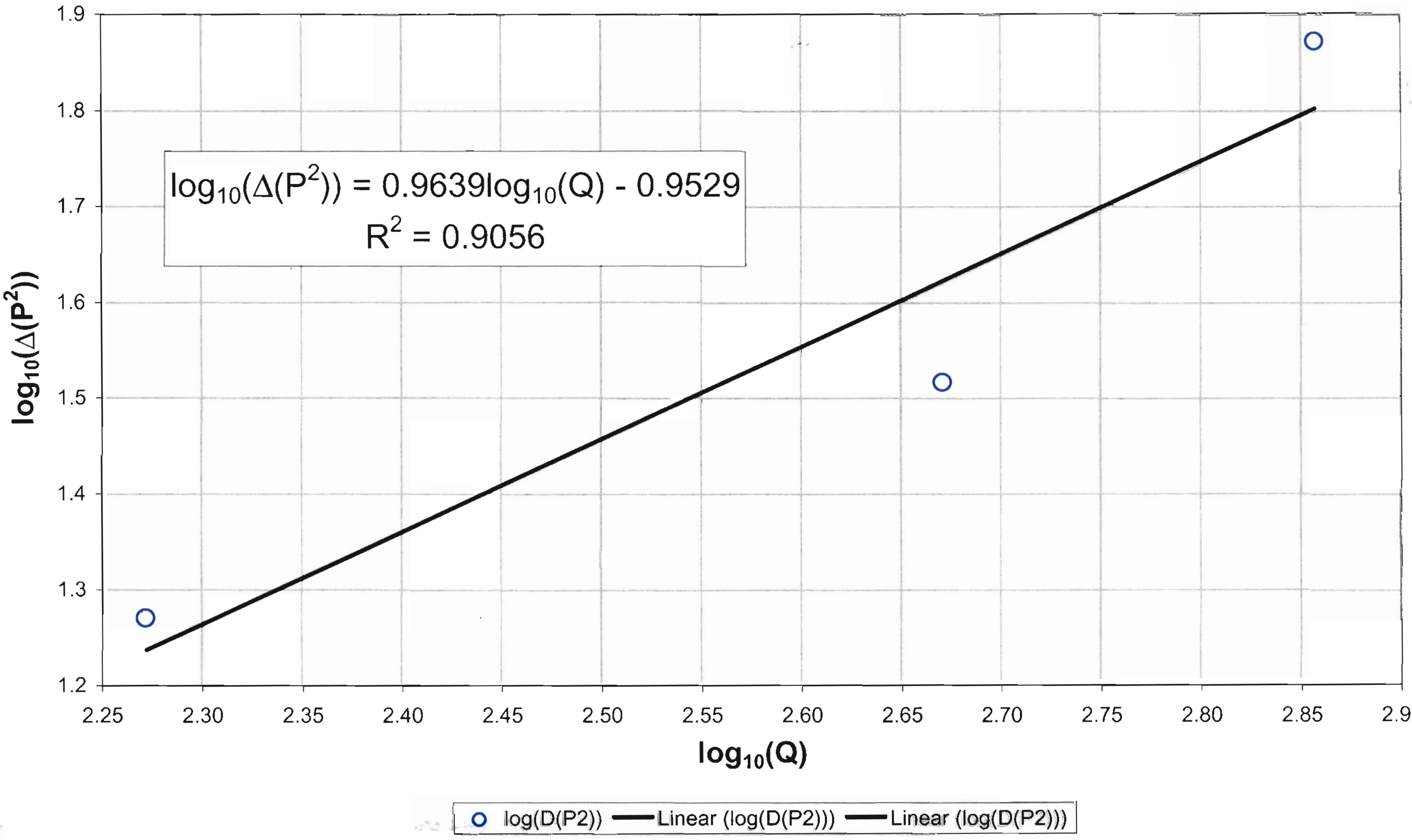
RLM, 12/10/08

RLM, 12/10/08

RNM, 12/20/02

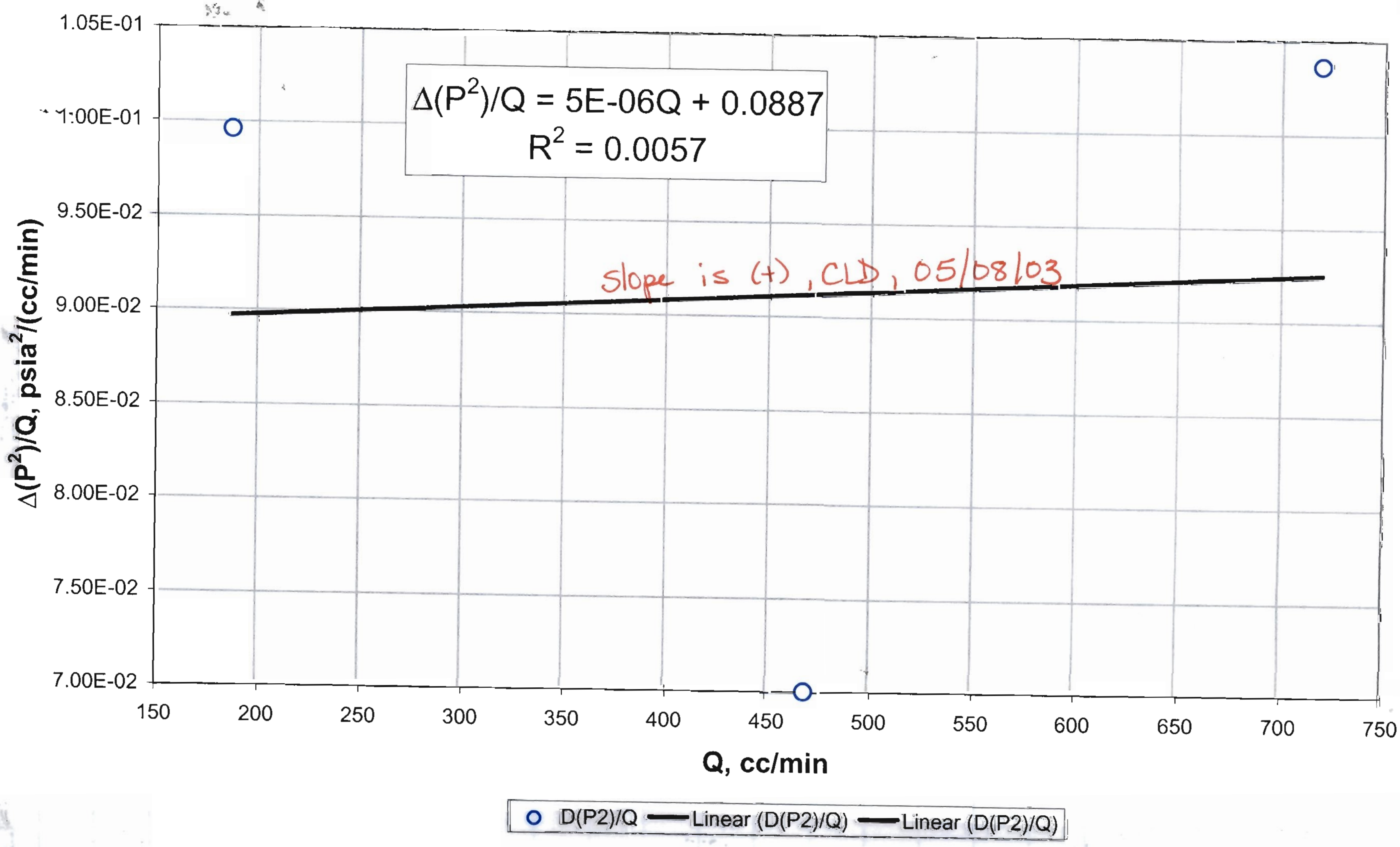
RNM, 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 40



RWM, 12/08/04

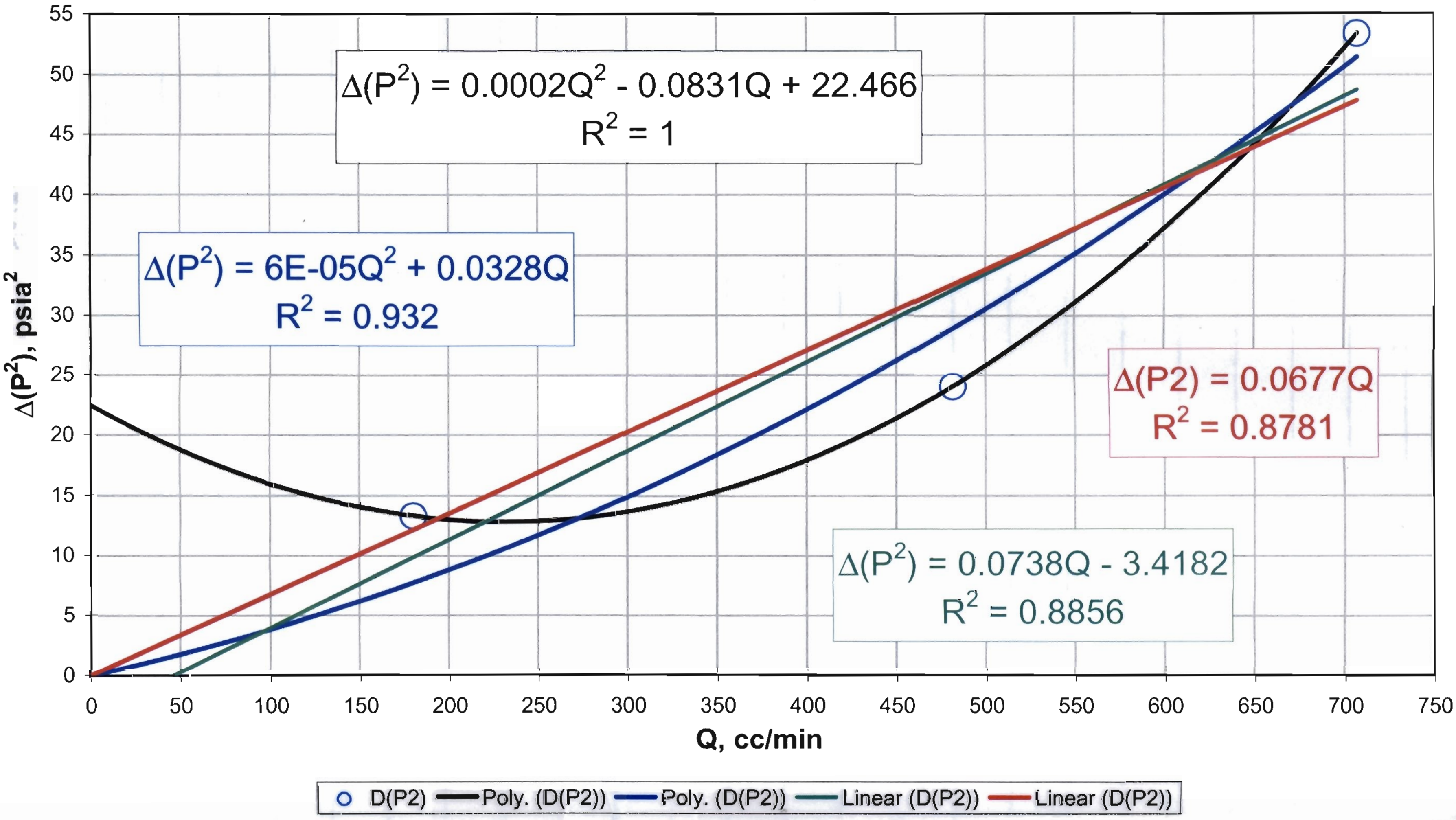
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 40



Slope is (+), CLD, 05/08/03

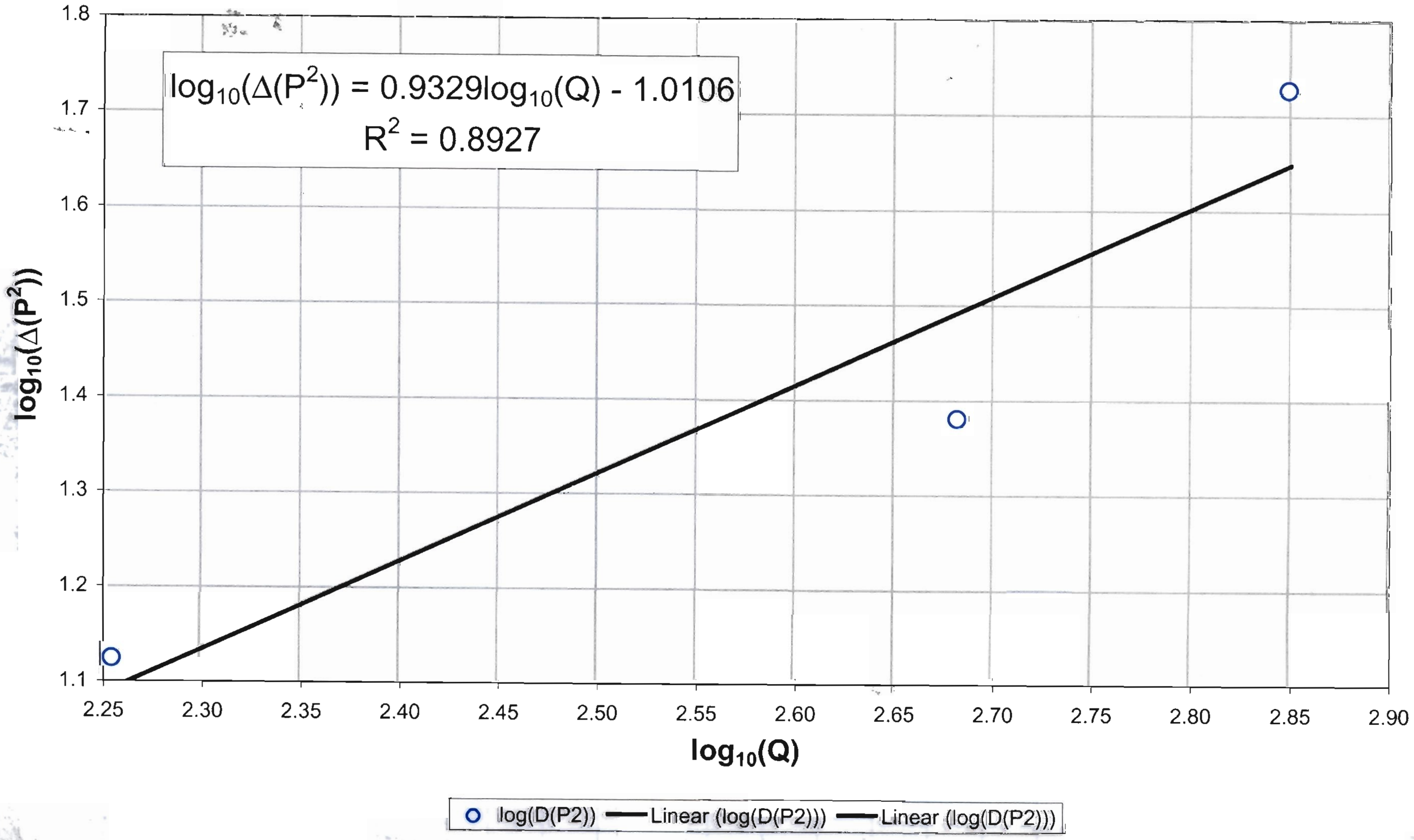
RWM, 12/08/04

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 41



RWM 12/20/02

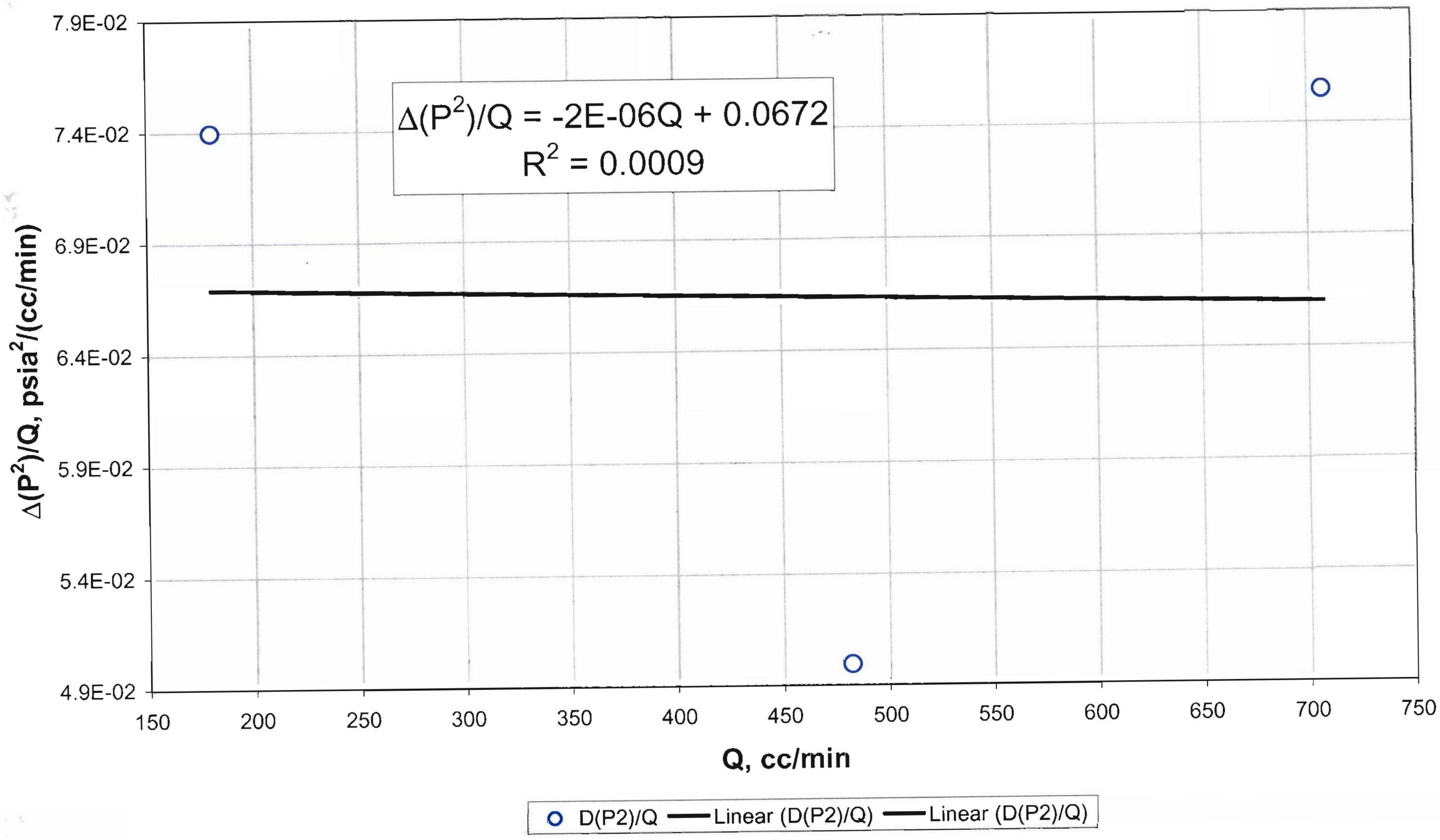
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of
high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 41



RWM, 12/20/02

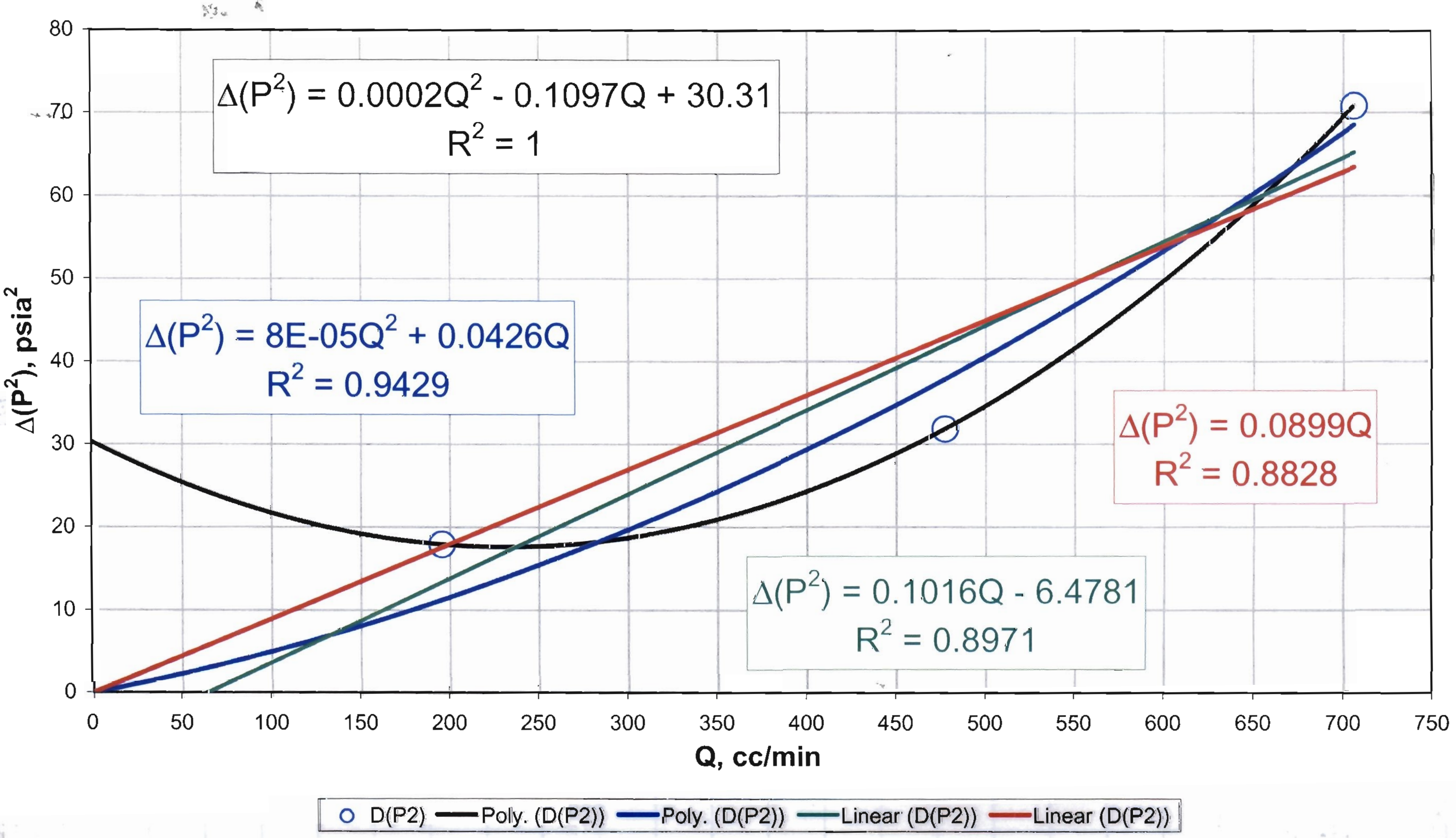
RMM 11/20/07

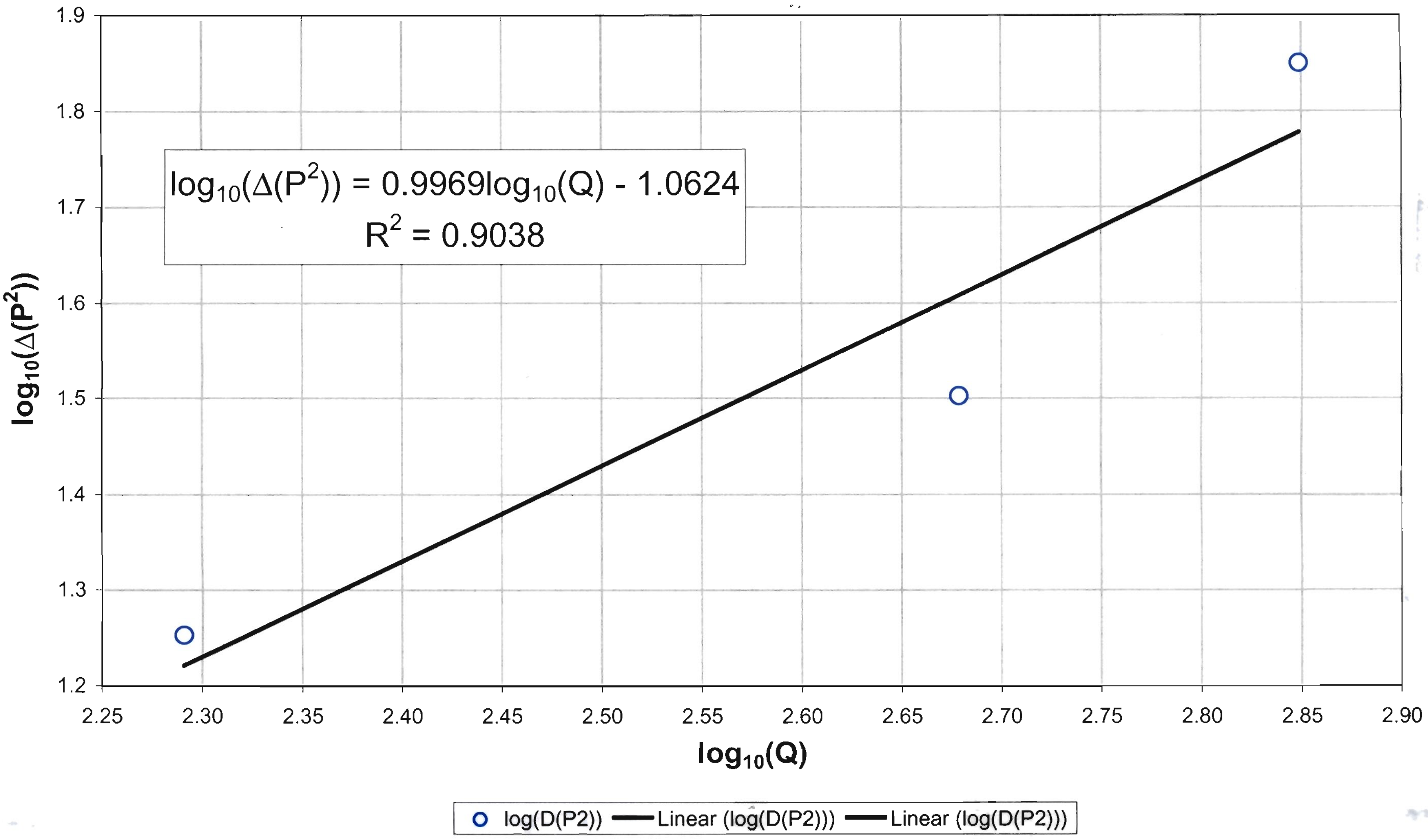
Final check for high velocity flow effects: High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 41



RMM 12/20/07

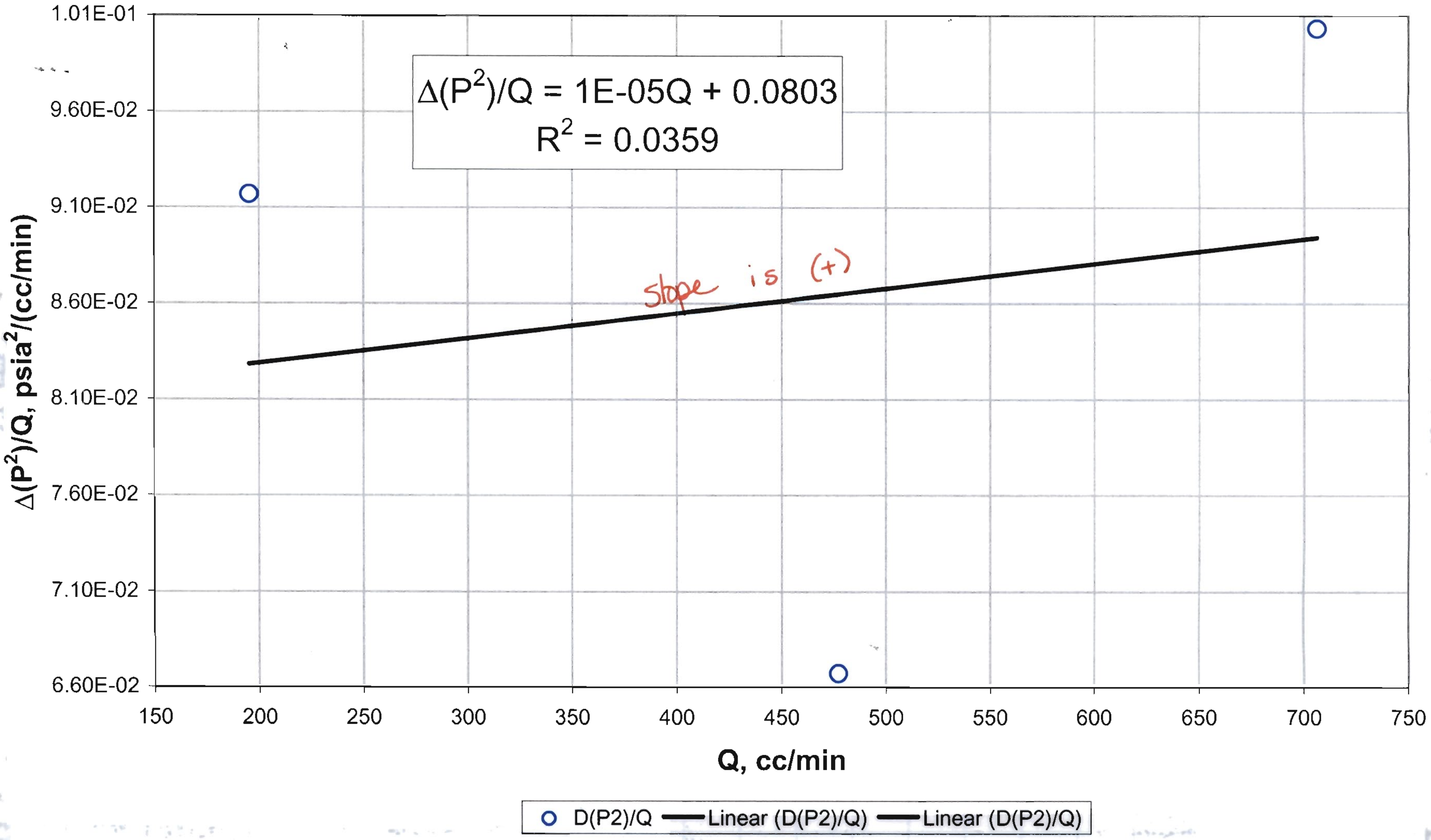
Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.
H Transect: Drillhole 42





Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 42

RMM, 12/20/02

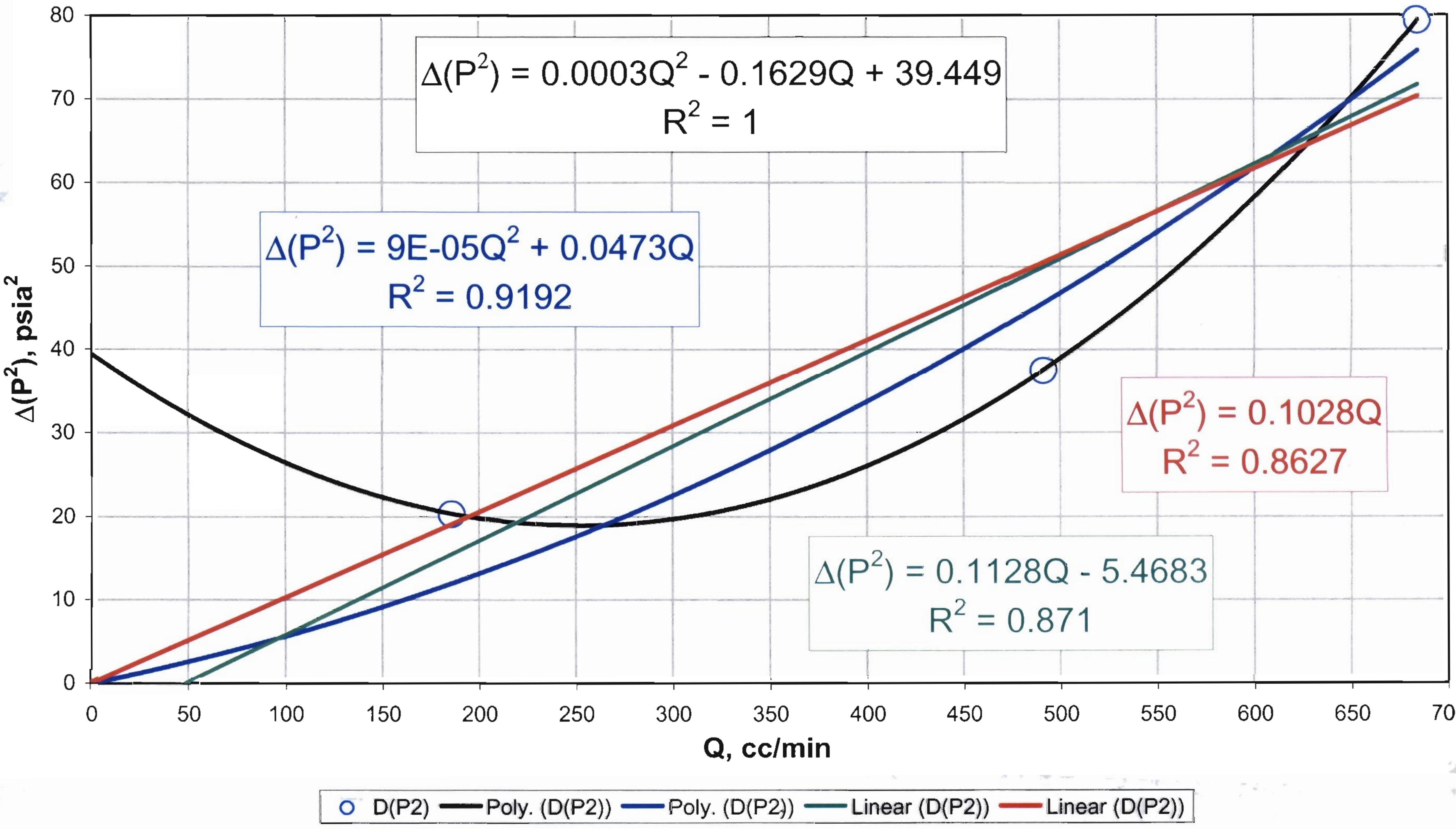


slope is (+)

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 42

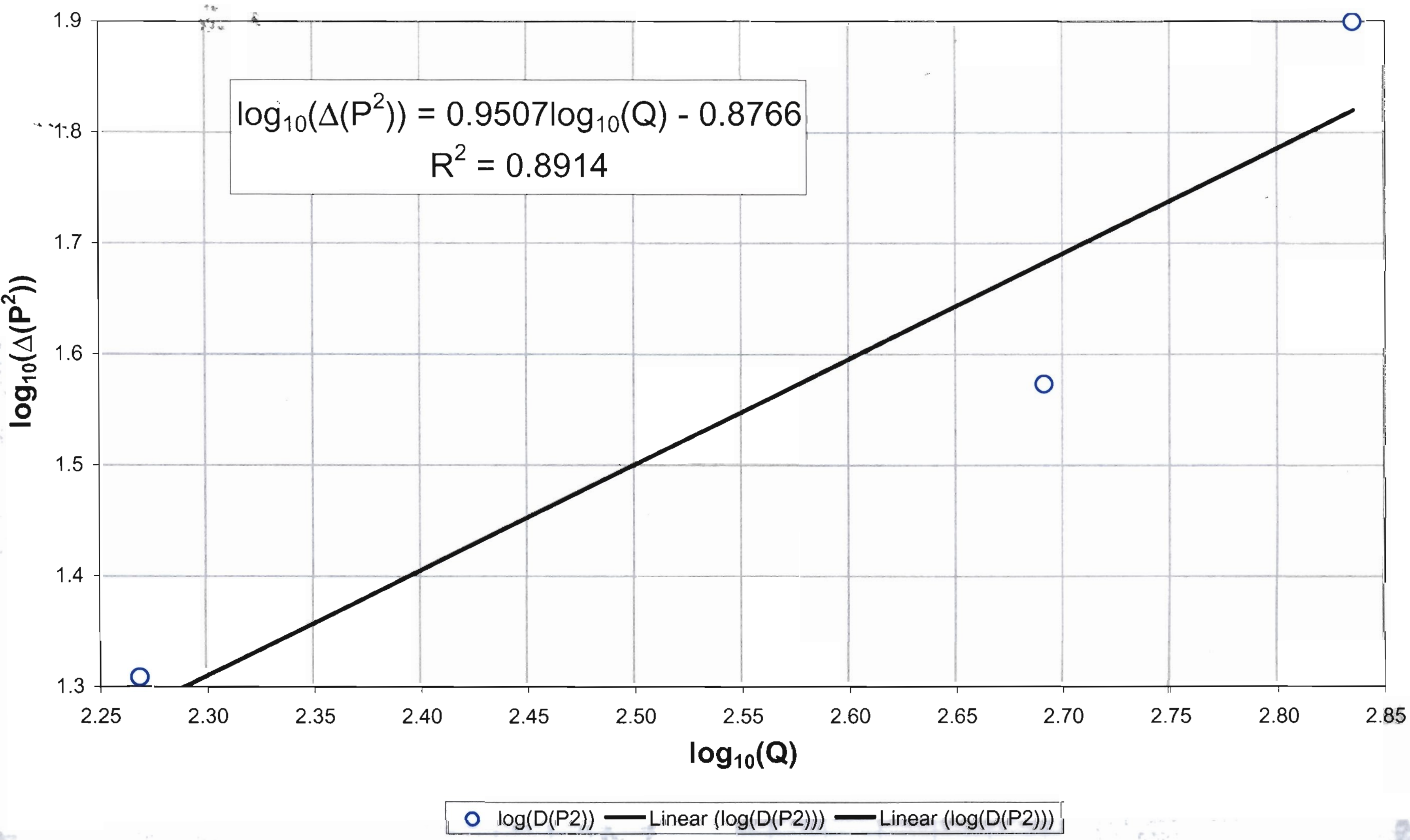
RMM, 12/20/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 43



RMM 12/10/02

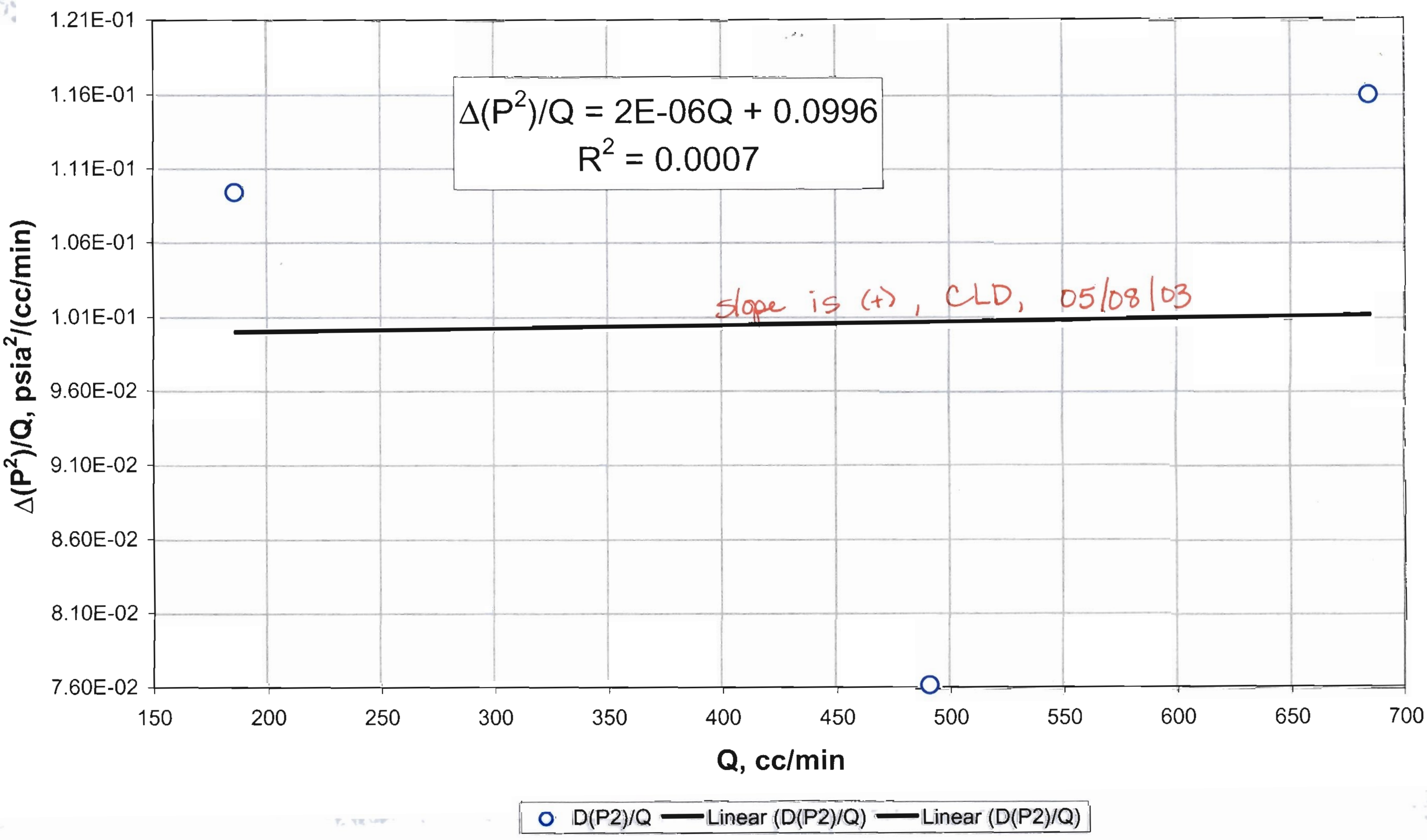
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 43



RMM, 12/10/02

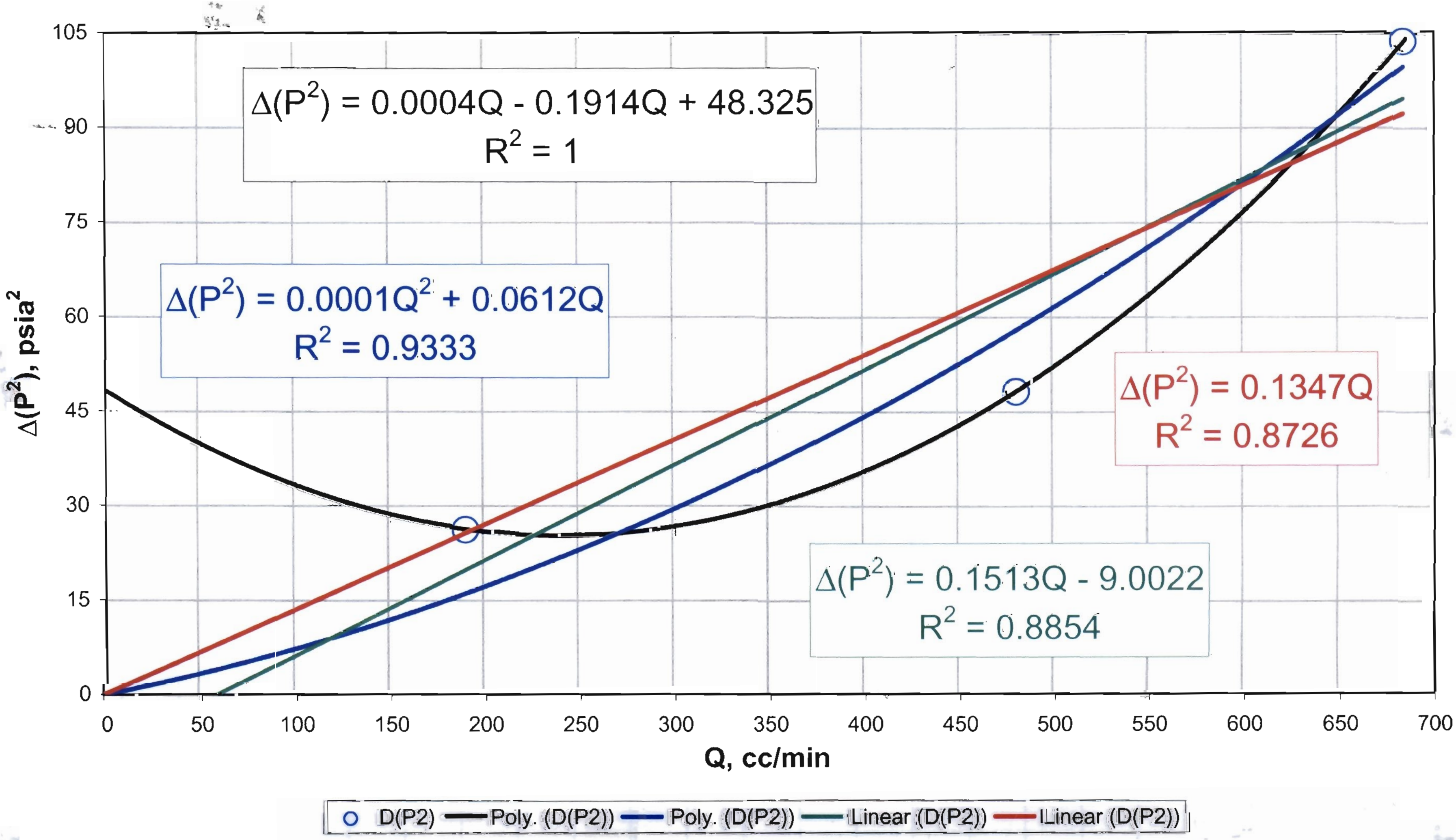
RHM 12/28/06

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 43



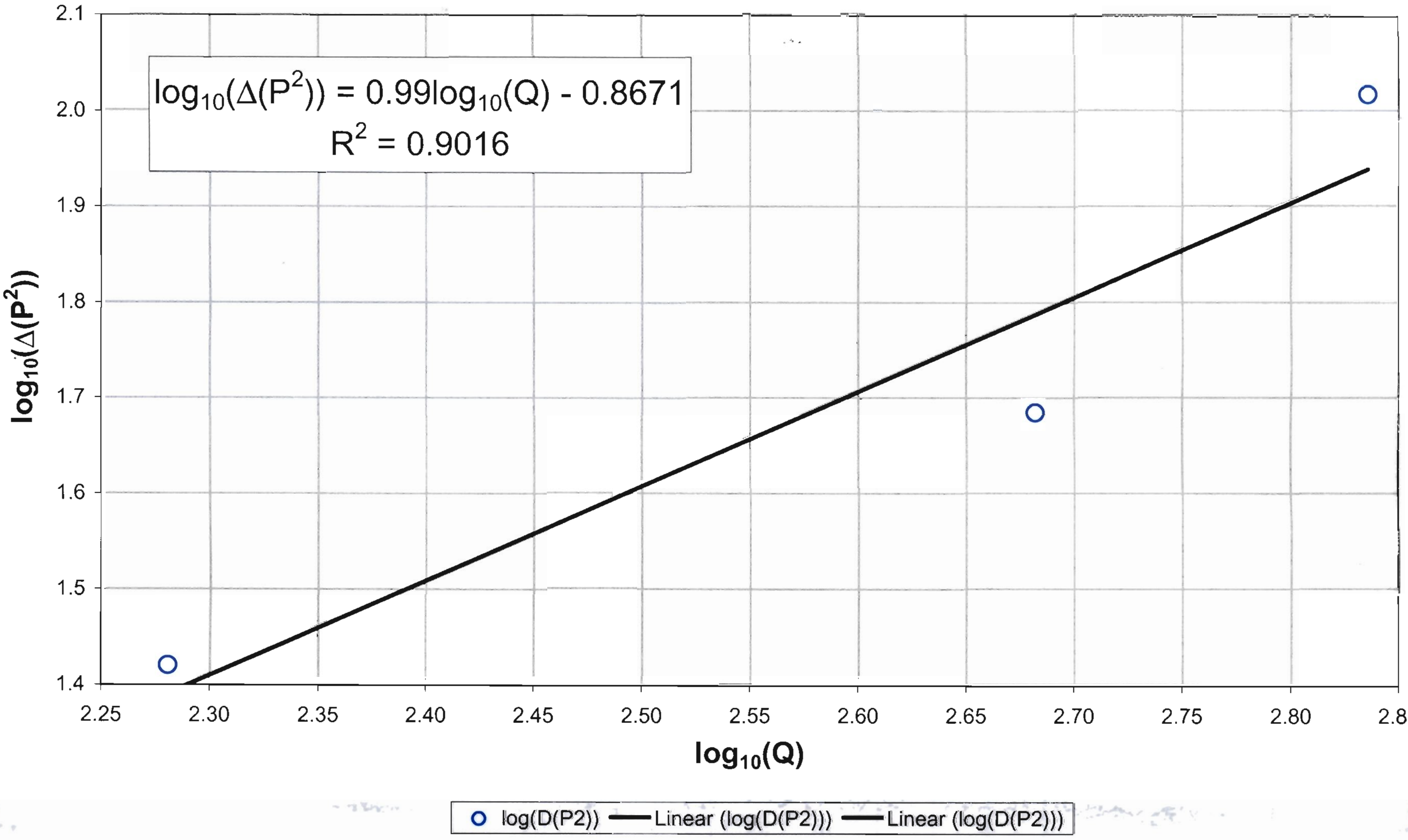
RHM, 12/20/06

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 44



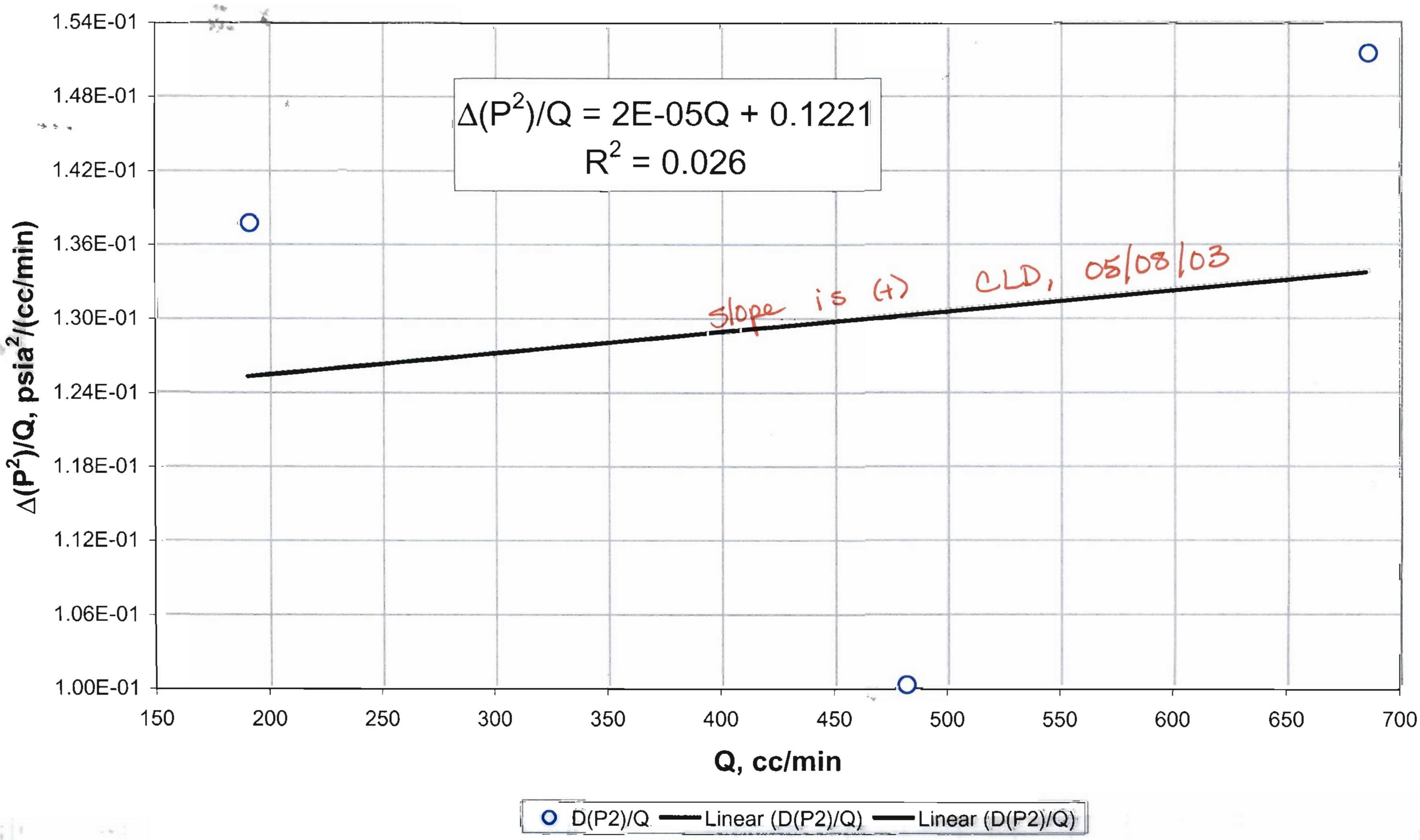
RWM, 12/20/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 44



RWM, 12/20/02

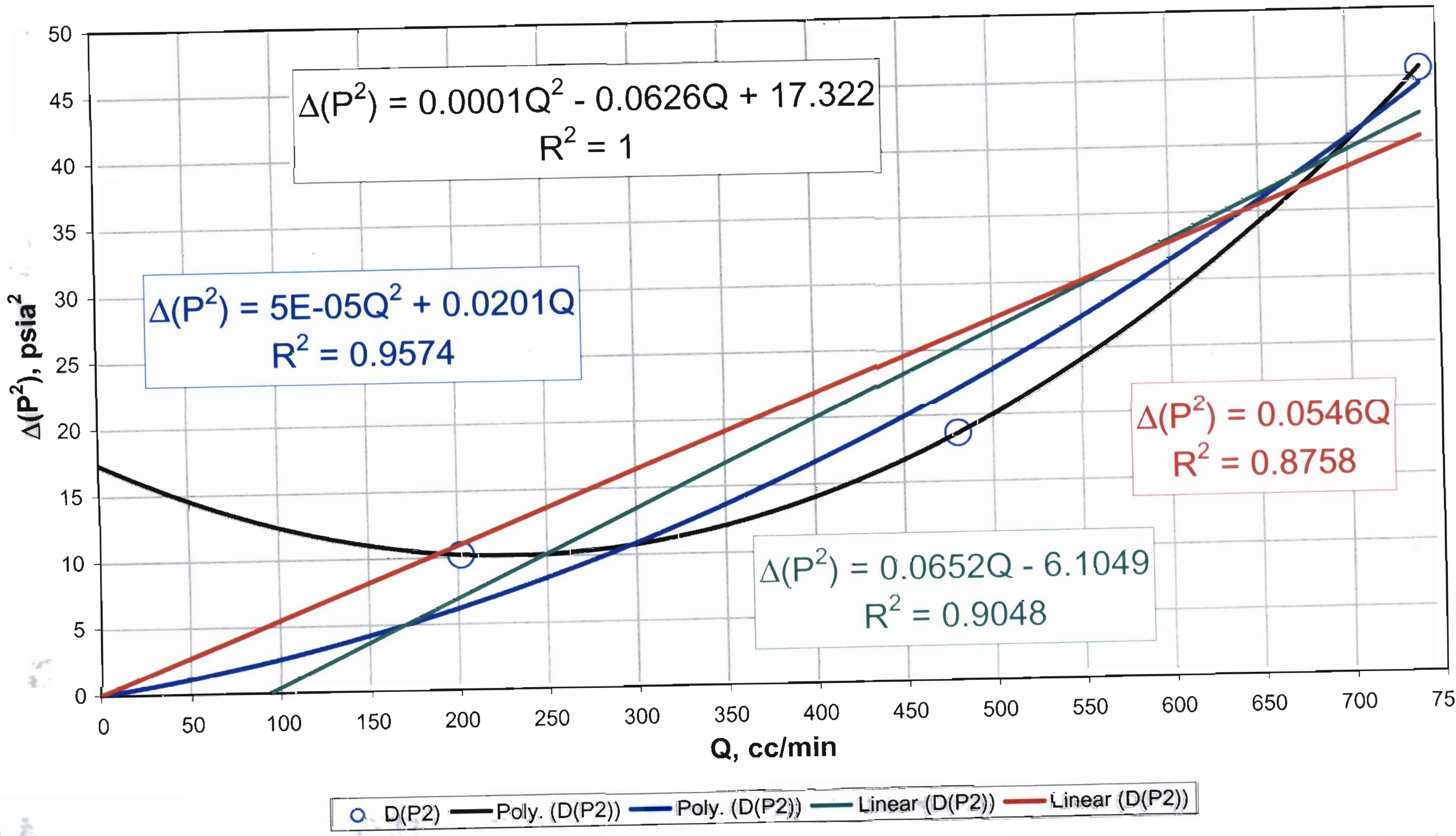
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 44



slope is (+) CLD, 05/08/03

Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.

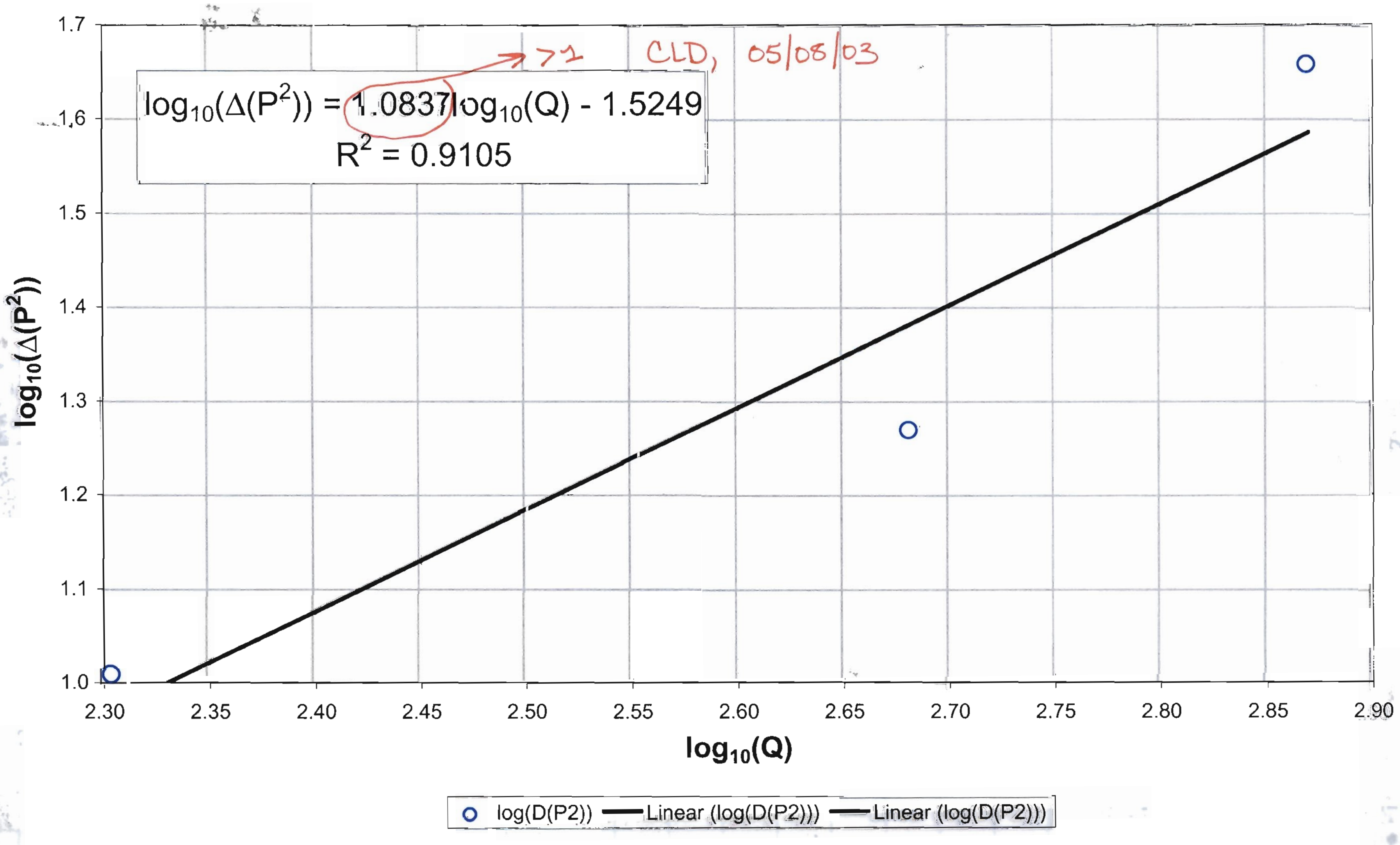
H Transect: Drillhole 45



RHM, 12/30/02

Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)

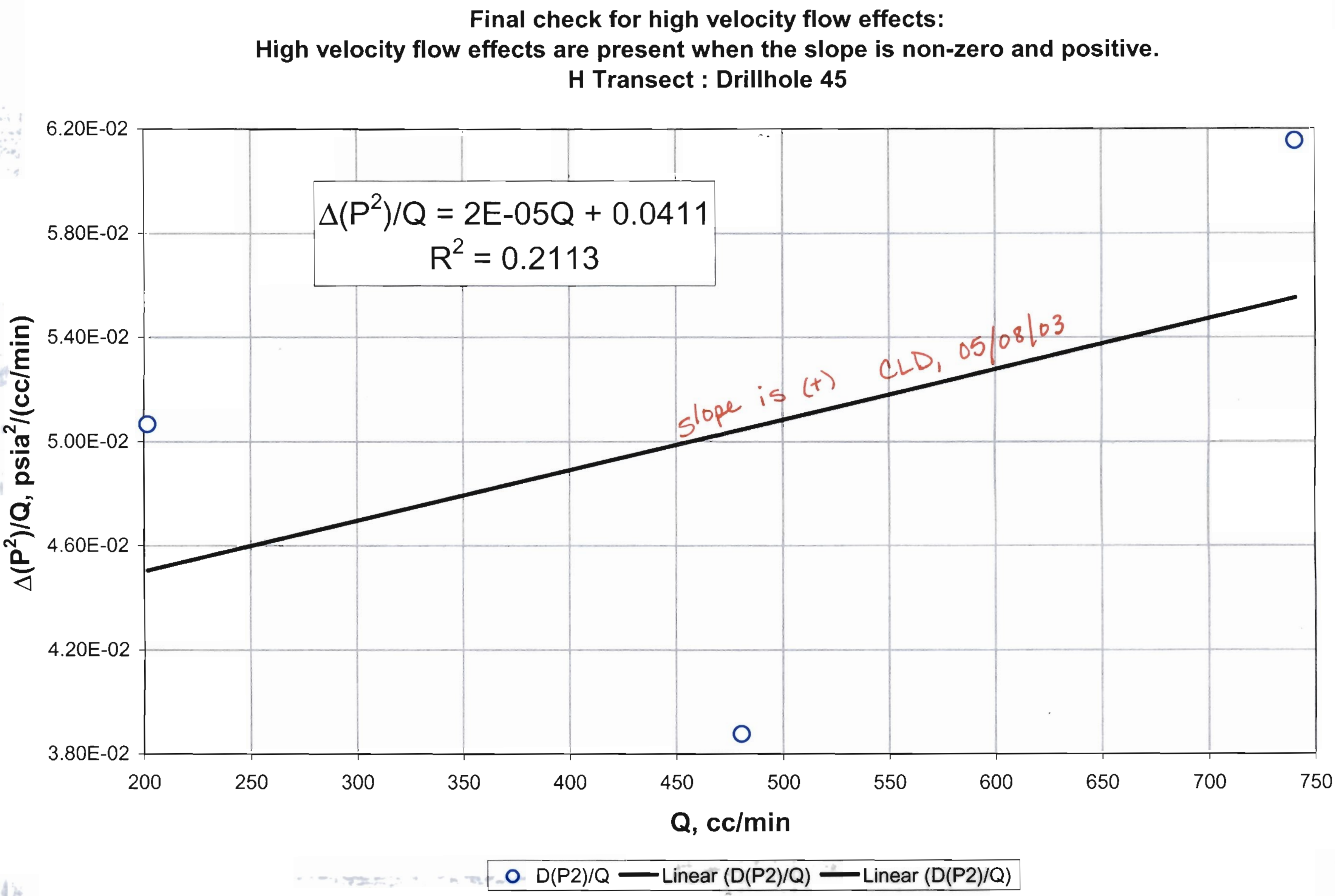
H Transect: Drillhole 45



> 1 CLD, 05/08/03

RHM, 12/30/02

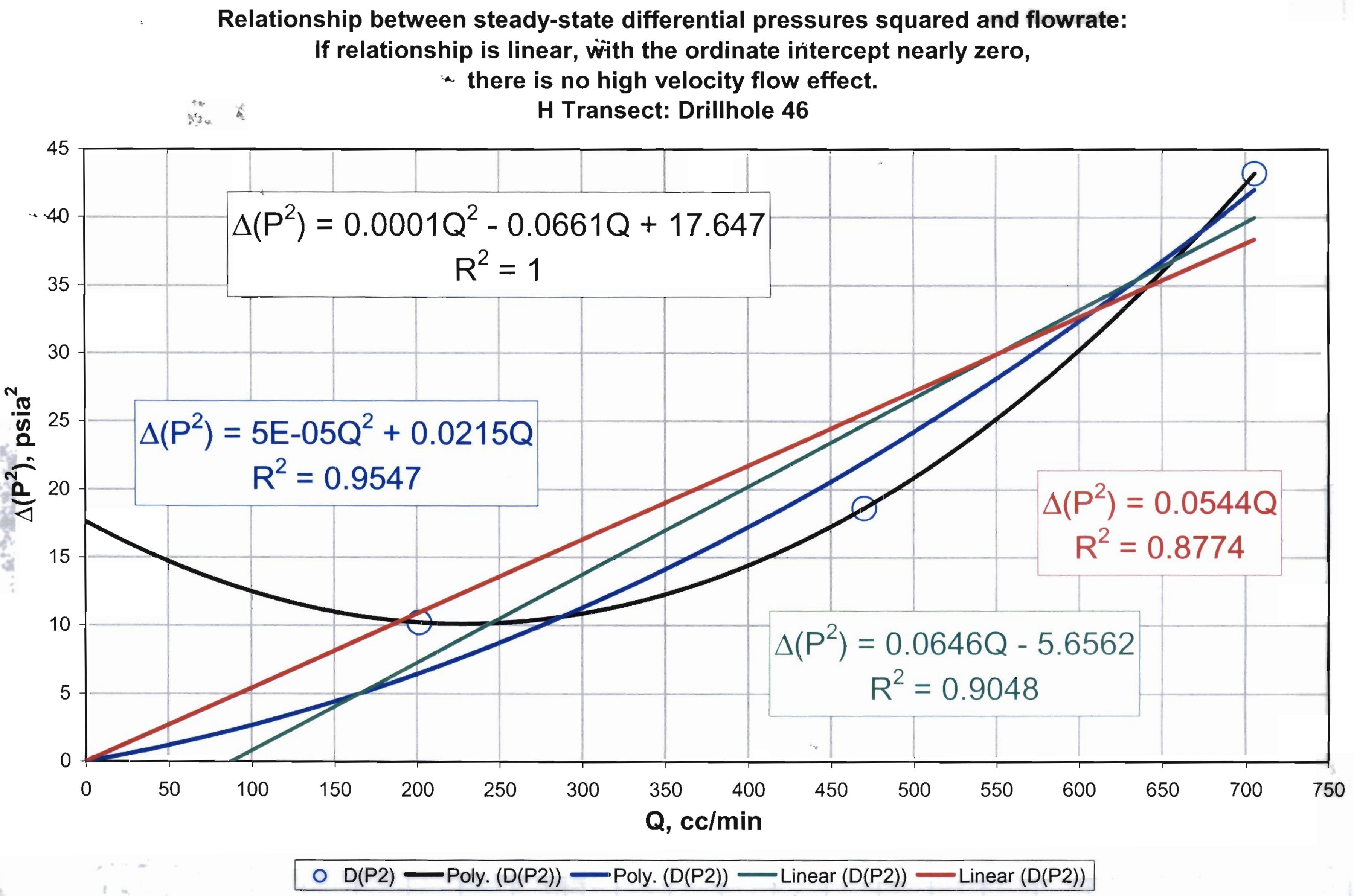
RMM, 12/20/03



Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 45

slope is (+) CLD, 05/08/03

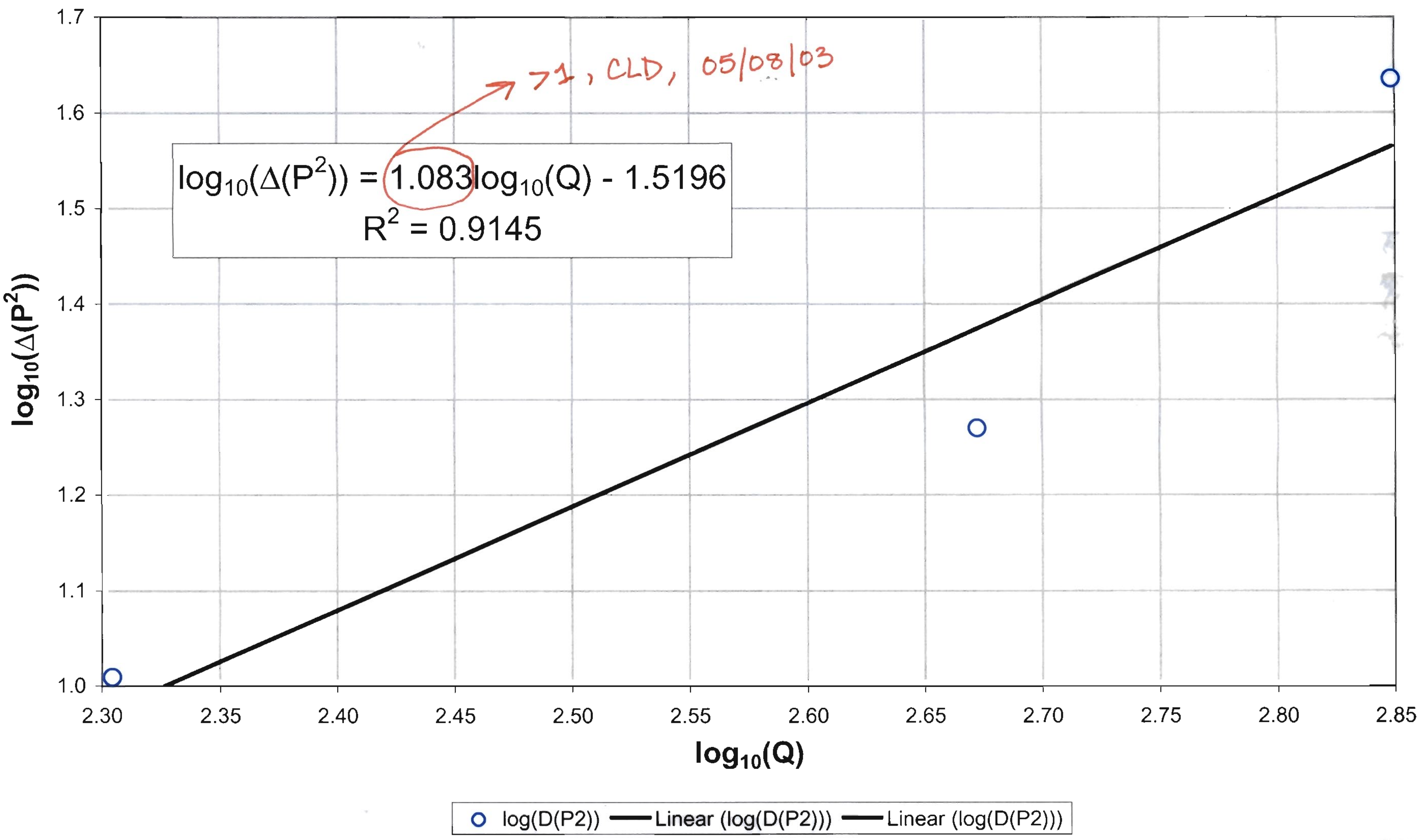
RMM, 12/20/03



Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 46

RNM, 12/26/07

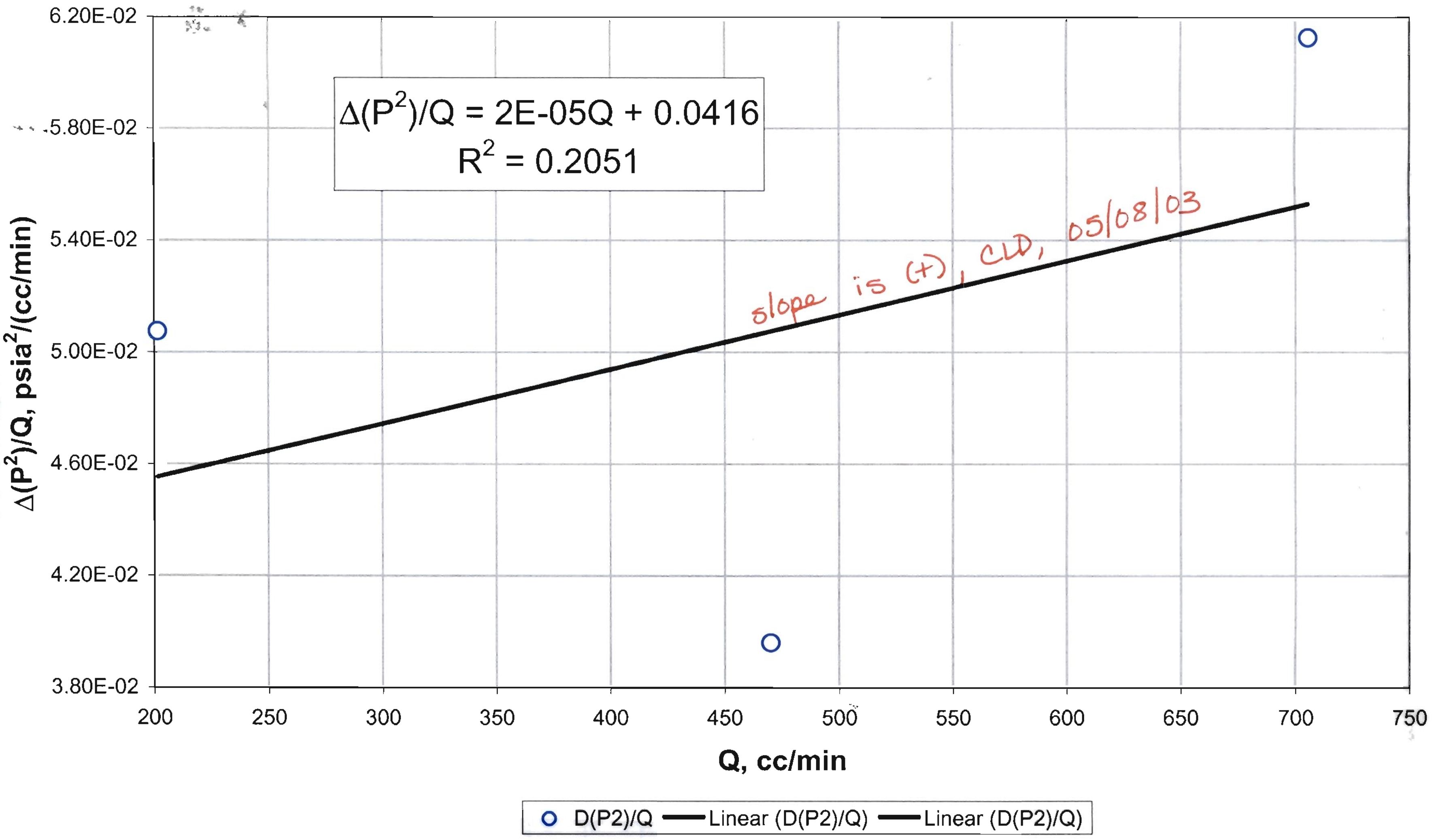
Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 46



71, CLD, 05/08/03

RNM, 17/10/07

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 46

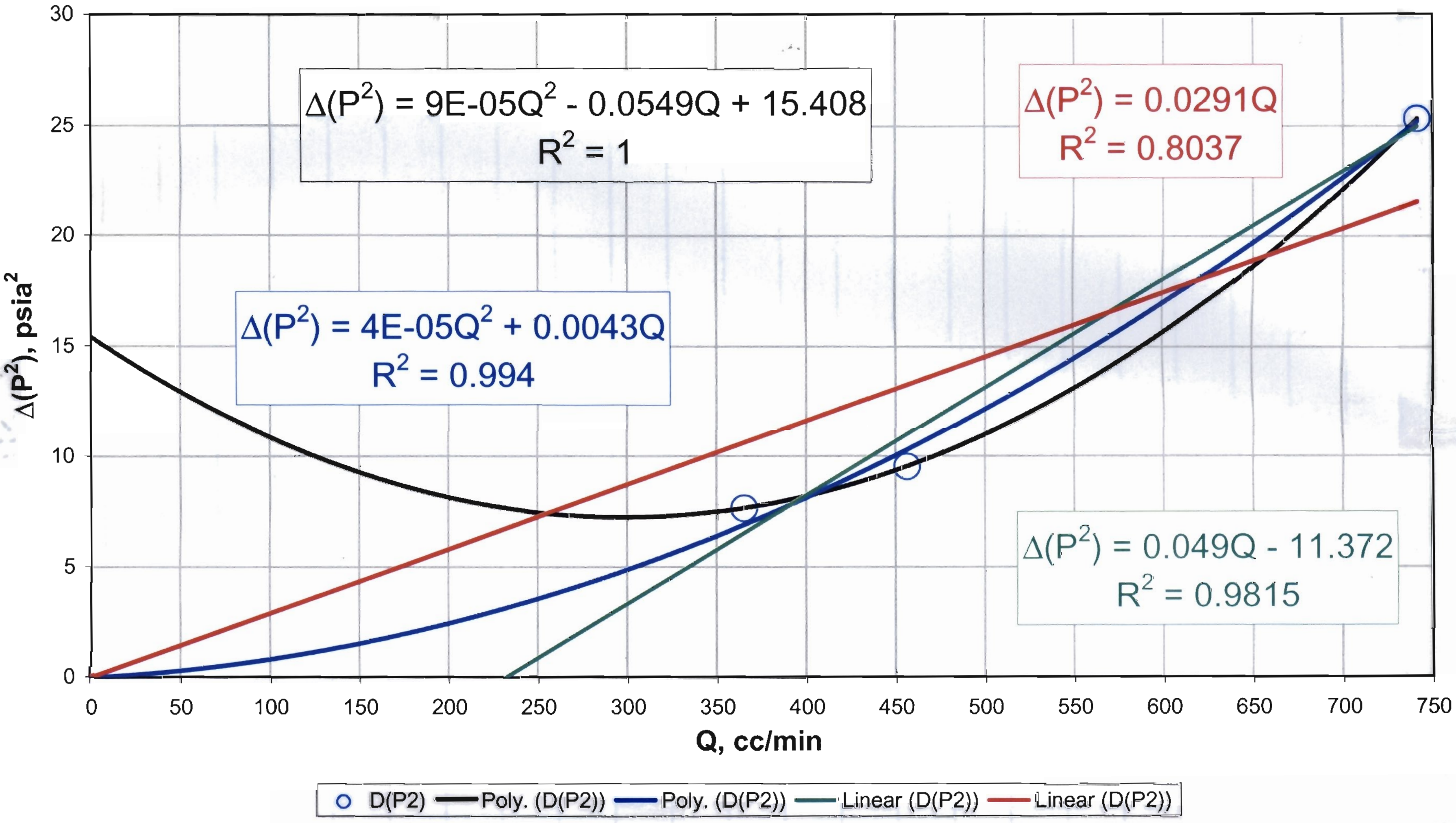


slope is (+), CLD, 05/08/03

RMM, 12/20/02

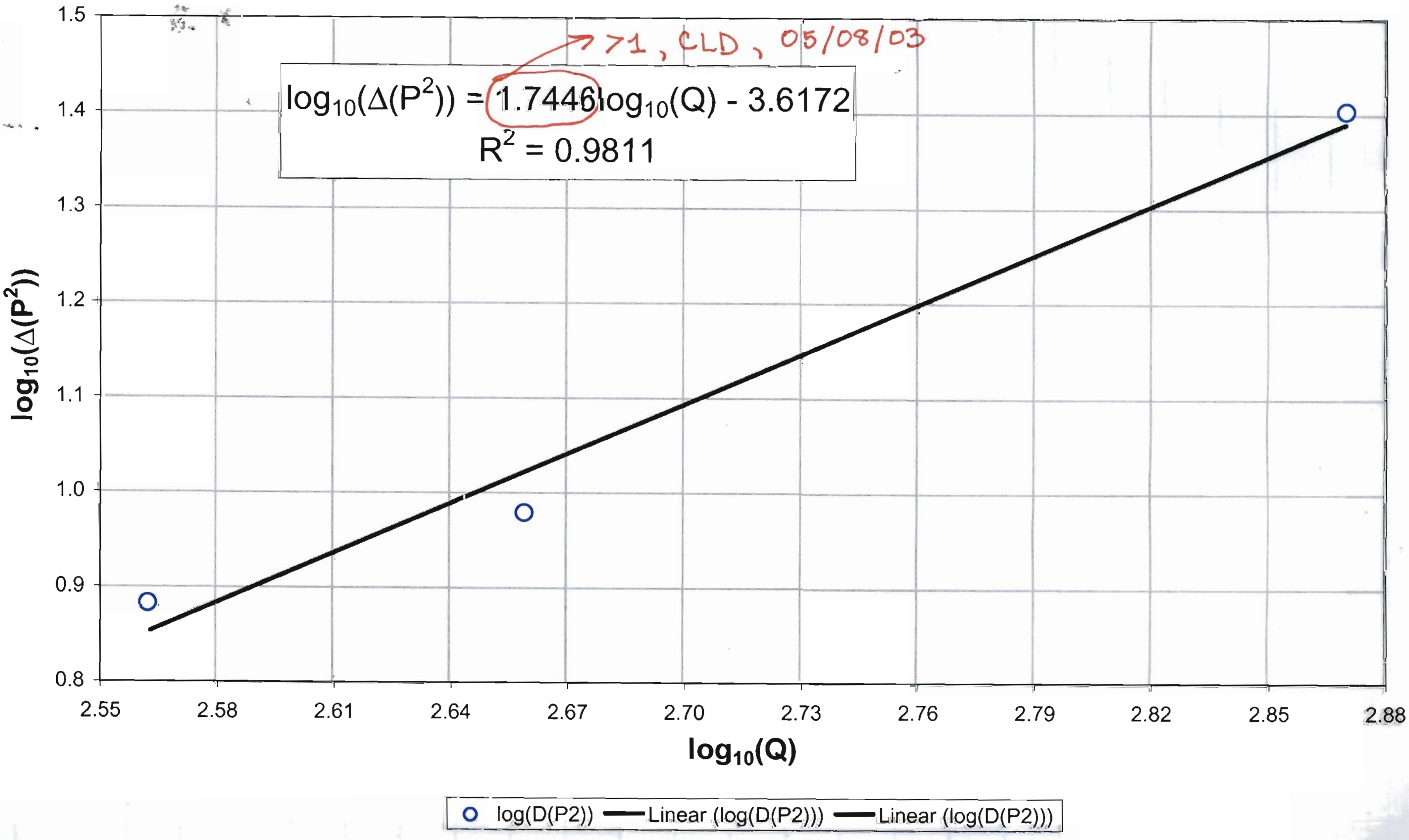
Relationship between steady-state differential pressures squared and flowrate: If relationship is linear, with the ordinate intercept nearly zero, there is no high velocity flow effect.

H Transect: Drillhole 47



Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)

H Transect: Drillhole 47

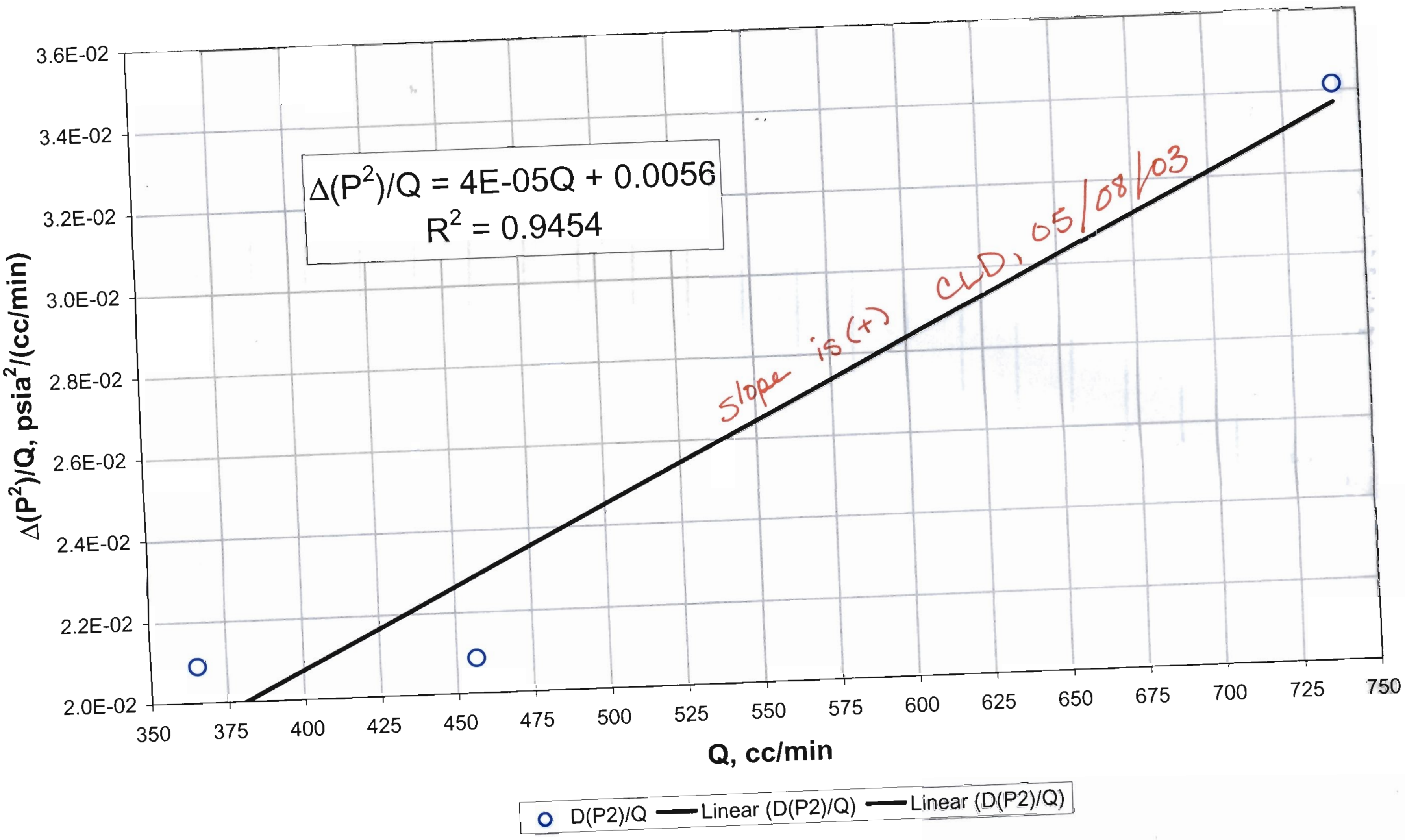


71, CLD, 05/08/03

RMM, 12/20/02

RMM, 12/20/02

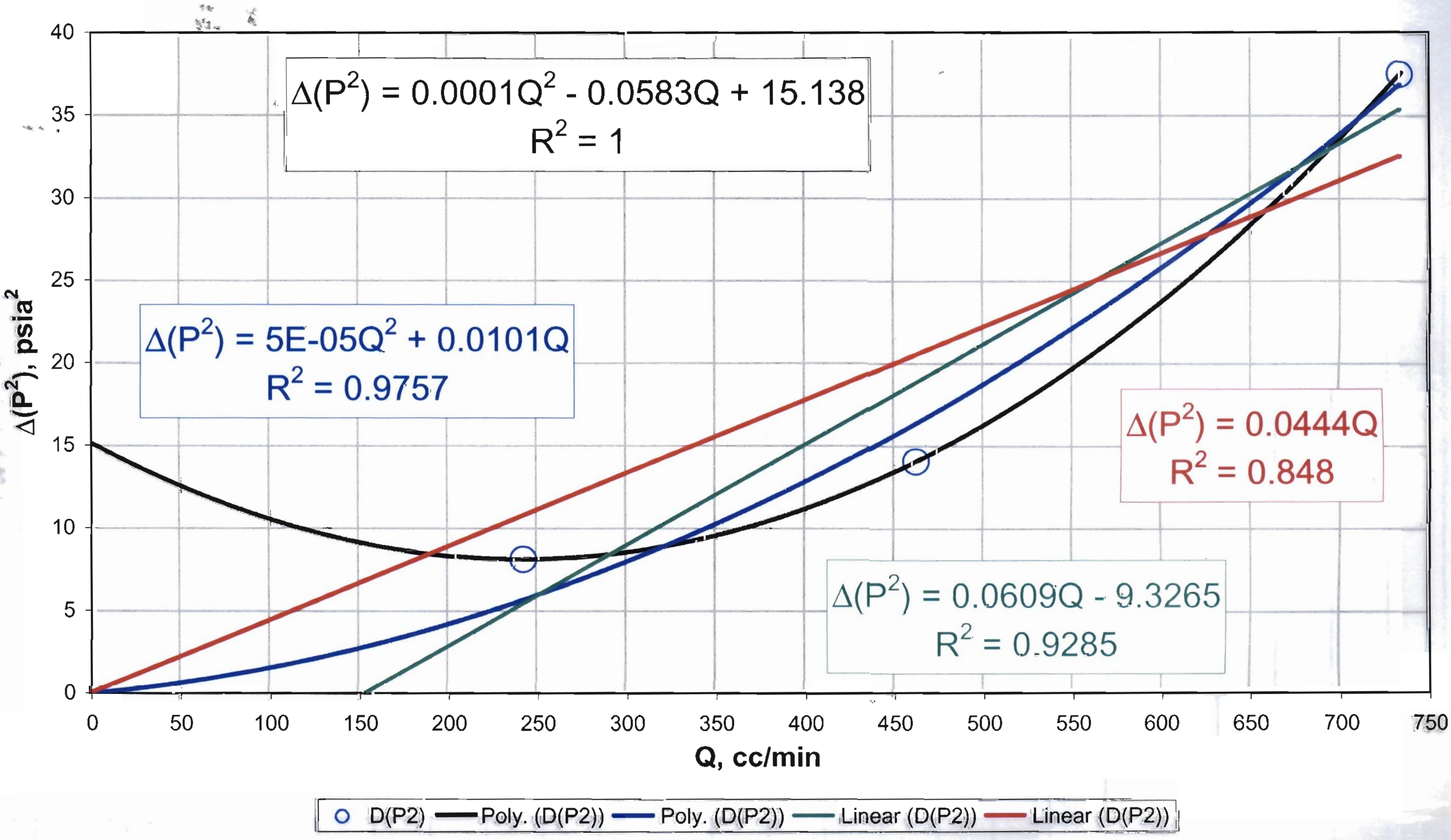
Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 47



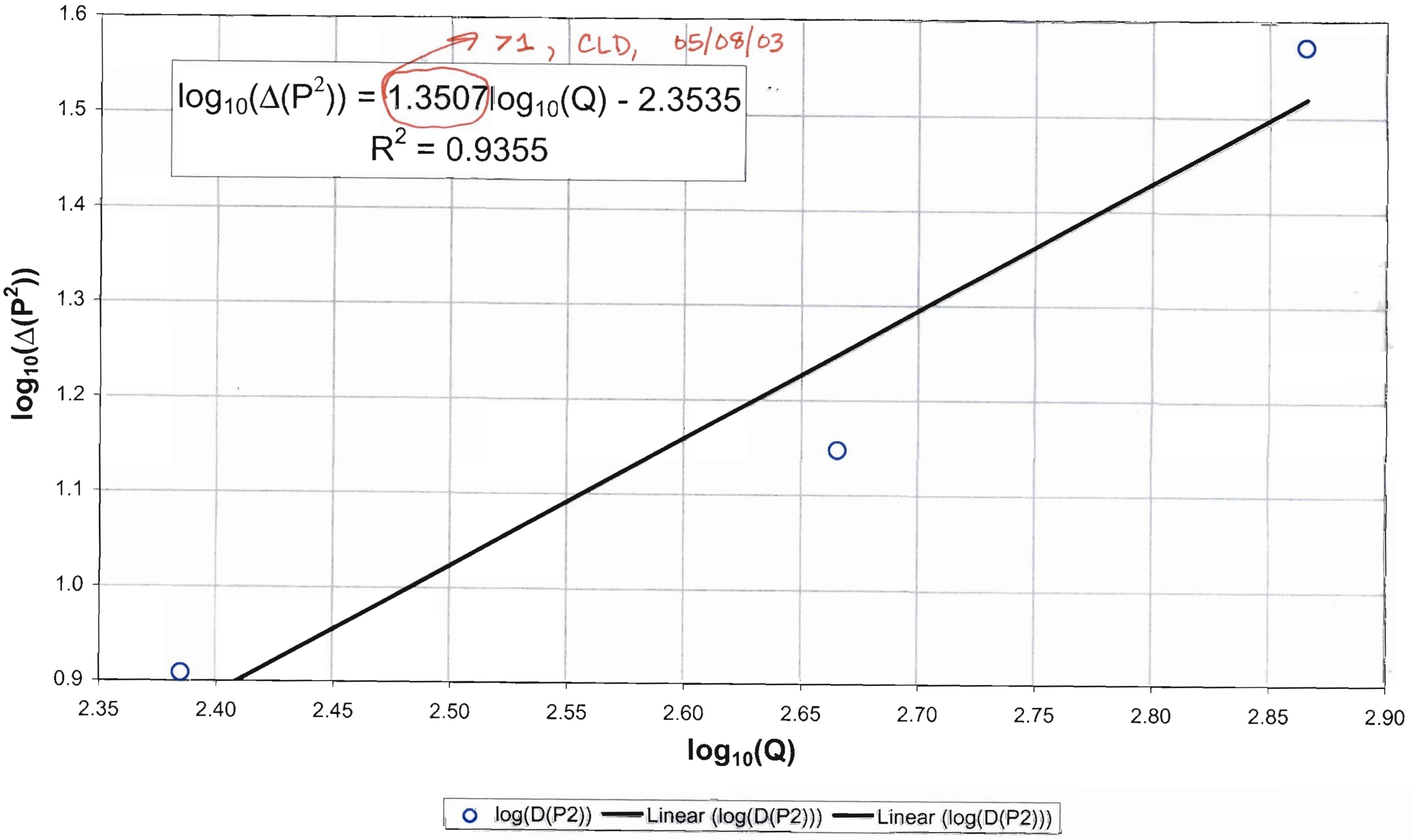
slope is (+) CLD, 05/08/03

RMM, 12/20/02

Relationship between steady-state differential pressures squared and flowrate:
If relationship is linear, with the ordinate intercept nearly zero,
there is no high velocity flow effect.
H Transect: Drillhole 48

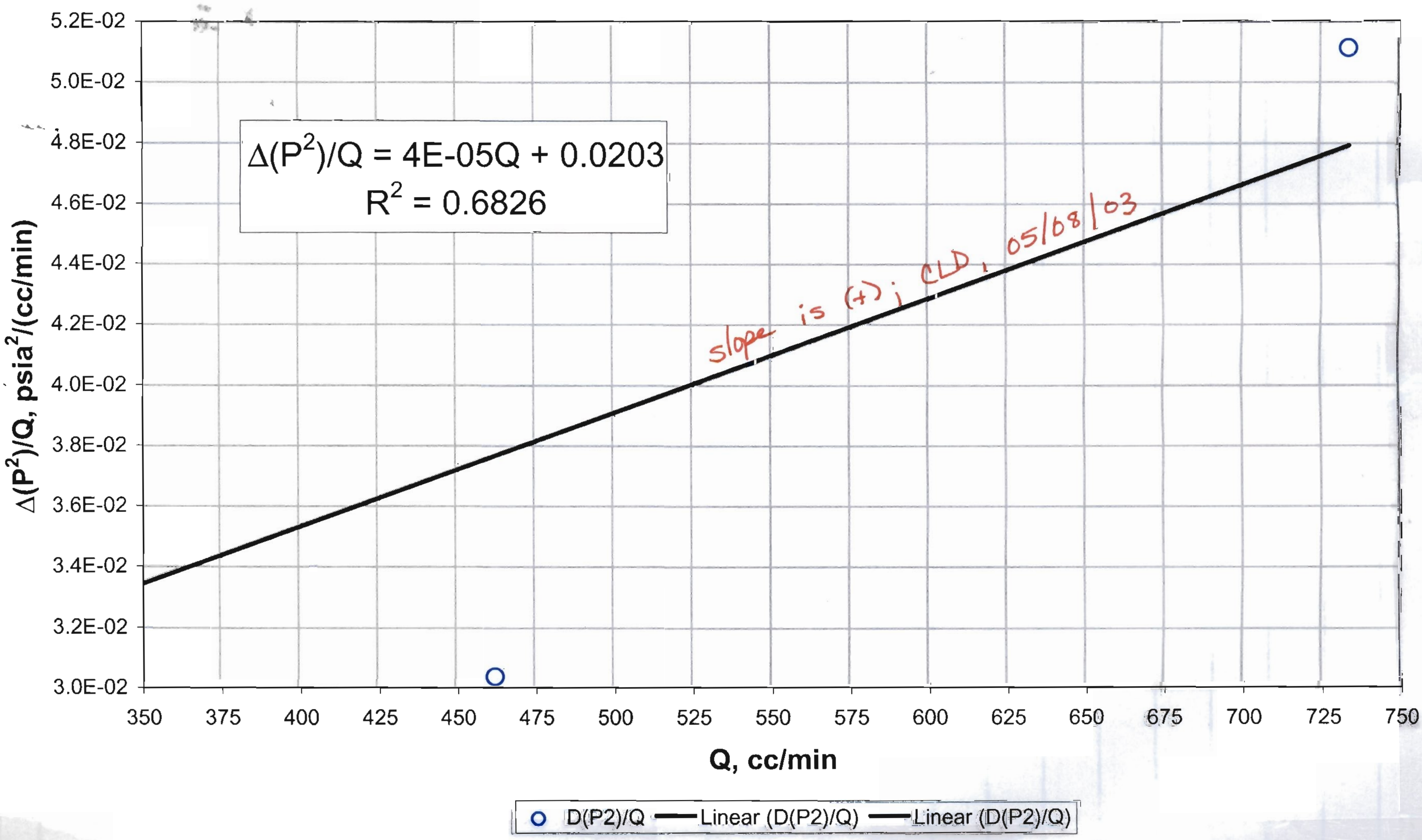


Log-Log plot of differential pressures squared vs. flowrate--used to identify the presence of high-velocity flow effects (when the slope is greater than unity)
H Transect: Drillhole 48



Rvw, 12/30/03

Final check for high velocity flow effects:
High velocity flow effects are present when the slope is non-zero and positive.
H Transect : Drillhole 48



Rvw, 12/30/03

RNM, 12/20/02