FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL OMB Number 3235-0104

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

					or section s	J(II) OI IIIE IIIV	estment Company Act of 1940						
Name and Address of Reporting Person* <u>WILD GEOFFREY</u>				2. Date of Event Requiring Statement (Month/Day/Year) 11/08/2006			3. Issuer Name and Ticker or Trading Symbol AXCELIS TECHNOLOGIES INC [ACLS]						
(Last) (First) (Middle) C/O AXCELIS TECHNOLOGIES, INC.						Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director Officer (give title below)		10% Owner Other (specify below)		5. If Amendment, Date of Original Filed (Month/Day/Year)			
108 CHERRY HILL DRIVE										Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person			
(Street) BEVERLY	MA	01915									Form filed by Mor	e than One Reporting Person	
(City)	(State)	(Zip)											
Table I - Non-Derivative Securities Beneficially Owned													
1. Title of Security (Instr. 4)					2. Amount of (Instr. 4)	f Securities Beneficially Owned	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)				
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)													
Expiration				2. Date Exerc Expiration Day/N	ate	3. Title and (Instr. 4)	 Title and Amount of Securities Underlying Derivative S Instr. 4) 		4. Conversi Exercise Proof Derivative	rice		6. Nature of Indirect Beneficial Ownership (Instr. 5)	
				Date Exercisable	Expiration Date	Title		Amount or Number of Shares	Security				

Explanation of Responses:

Remarks:

Mr. Wild does not own any reportable securities, directly or indirectly. Power of Attorney filed as Exhibit 24 hereto.

No securities are beneficially owned.

Lynnette C. Fallon, as attorney in fact for eoffrey Wild

11/08/2006

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

*If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

*Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY
For Executing Reports under Section 16(a)
with respect to securities of
AXCELIS TECHNOLOGIES INC.

The undersigned hereby constitutes and appoints each of Mary G. Puma, Lynnette C. Fallon, Matthew C. Dallett and Stanley Keller, each acting singly, the undersigned, for and on behalf of the undersigned, Forms 3, 4 and 5 with respect to securities of Axcelis Technologies, Inc. in accordance with Section 16(a) of do and perform any and all acts, for and on behalf of the undersigned, that may be necessary or desirable to complete the execution of any such Form 3, 4 or The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, nece IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed this 28th day of October, 2006.

/s/ Geoffrey Wild_____ Geoffrey Wild

??
??
(continued...)
(continued...)