

FORM 4

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

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HOLBROOK KAREN A		2. Issuer Name and Ticker or Trading Symbol BIO-TECHNE Corp [TECH]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> 10% Owner <input type="checkbox"/> Other (specify below)	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/27/2016		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(Street) 614 MCKINLEY PLACE NE			4. If Amendment, Date Original Filed (Month/Day/Year)		
(City)	(State)	(Zip)	MINNEAPOLIS, MN 55413		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	10/27/2016		A		914	A	\$ 0	2,973	D	

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$ 101.19	10/27/2016		A		3,985		(1)	10/26/2026	Common Stock	3,985	\$ 0	3,985	D	
Stock Option (right to buy)	\$ 87.34								10/29/2016	10/28/2025	Common Stock	4,260	4,260	D	
Stock Option (right to buy)	\$ 91.78								10/30/2014	10/30/2024	Common Stock	4,000	4,000	D	
Stock Option (right to buy)	\$ 87.39								10/31/2013	10/30/2023	Common Stock	4,000	4,000	D	
Stock Option (right to buy)	\$ 66.9								10/25/2012	10/24/2022	Common Stock	5,000	5,000	D	
Stock Option (right to buy)	\$ 70.35								10/27/2011	10/26/2021	Common Stock	5,000	5,000	D	
Stock Option (right to buy)	\$ 61.46								10/28/2010	10/27/2020	Common Stock	5,000	5,000	D	
Stock Option (right to buy)	\$ 63.03								10/29/2009	10/28/2019	Common Stock	5,000	5,000	D	

buy) Stock Option (right to buy)	\$ 65.47							10/23/2008	10/22/2018	Common Stock	5,000		5,000	D	
Stock Option (right to buy)	\$ 66.59							10/25/2007	10/24/2017	Common Stock	5,000		5,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HOLBROOK KAREN A 614 MCKINLEY PLACE NE MINNEAPOLIS, MN 55413	X			

Signatures

/s/ Elizabeth M. Dunshee as Attorney-in-Fact for Karen A. Holbrook pursuant to Power of Attorney previously filed.		10/31/2016
<small>Signature of Reporting Person</small>		<small>Date</small>

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(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).

(1) The option vests on the earlier of the one year anniversary of the grant date (10/27/17) or the date of Bio-Techne's 2017 annual meeting of shareholders.

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

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